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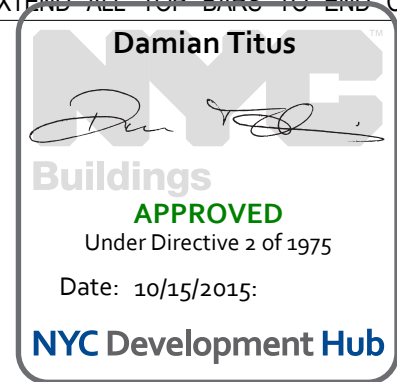
TYPICAL INSIDE CORE BEAM SCHEDULE														
BEAM MARK	SIZE		REINFORCEMENT					STIRRUPS					SIDE BARS	
	WIDTH (IN)	DEPTH (IN)	BOTTOM	TOP	TOP ADD - LEFT	TOP ADD - RIGHT	TYPE	SIZE	END SPACING (IN)	END LENGTH(FT)	MID SPAN SPACING (IN)			
TB1	12	24	4 #8	2 #4	-	-	1	#4	10	-	-			
TB1A	12	24	4 #8 x(2L)	2 #4	-	-	1	#4	10	-	-			
TB2	8	18	2 #6	2 #4	-	-	1	#4	10	-	-			
TB2A	10	24	3 #6	2 #4	-	-	1	#4	6	-	-			
TB2B	8	18	2 #4	2 #4	-	-	1	#4	10	-	-			
TB2C	8	18	3 #6	2 #4	-	-	1	#4	6	-	-			
TB2D	10	24	2 #10	2 #4	-	-	1	#4	8	-	-			
TB3	18	24	6 #8	4 #8	-	2 #8	1	#4	10	-	-			
TB3A	18	24	4 #8	4 #8	2 #8	-	1	#4	1	8	-			
TB3B	18	24	3 #6	4 #8	-	-	1	#4	7	5	10			
TB3C	18	24	5 #8	4 #8	3 #8	1 #8	2	#4	7	-	10			
TB3D	18	24	4 #8	4 #8	1 #8	-	2	#4	10	-	10			
TB3E	18	24	3 #6	3 #8	-	-	1	#4	8	4	10			
TB3F	18	24	4 #8	4 #8	-	-	2	#4	10	-	10			
TB3G	30	18	7 #8	4 #8	-	-	2	#4	8	-	-			
TB3H	30	18	7 #8	4 #8	-	3 #8	2	#4	8	-	8			
TB3I	18	24/26	-	-	-	-	Same as TB3F							
TB3K	18	26/24	-	-	-	-	Same as TB3F							
TB3L	18	24	3 #10	4 #8	-	-	2	#4	6	3	10			
TB3M	18	18/36	4 #10	4 #8	1 #8	1 #8	2	#4	6	3	10			
TB3N	18	36/18	-	-	-	-	Same as TB3M							
TB3P	18	36	4 #8	4 #8	1 #8	1 #8	1	#4	10	-	10			
TB3Q	18	24/26	-	-	-	-	Same as TB3A							
TB3R	18	30	4 #8	4 #8	-	2 #8	1	#4	10	-	-			
TB3S	18	36	4 #8 x(2L)	4 #8	4 #8 x(2L)	-	2	#4	5	7	12			
TB3T	18	30	5 #10	5 #8	-	5 #8	2	#4	8	-	8			
TB3U	18	36	4 #10	5 #8	5 #8	4 #8	2	#4	7	-	7			
TB4	12	36	3 #10 x(3L)	3 #6	-	-	1B	#5	7	7	10			
TB4A	18	36	3 #10	5 #11 x(2L)	4 #11	-	2	#5	8	-	8			
TB4B	18	36	3 #8	5 #10 x(2L)	4 #10	-	2	#5	8	-	8			
TB5	12	36	3 #10 x(2L)	3 #6	-	-	1B	#5	9	4	12			
TB5A	18	36	4 #10	5 #10 x(2L)	5 #10	-	2	#5	8	-	8			
TB5B	18	36	4 #10	5 #10 x(2L)	5 #10	-	2	#5	2	-	8			
TB5C	12	36	3 #10 x(2L)	3 #6	-	-	1B	#5	9	5	12			
TB5D	18	36	3 #8	5 #10 x(2L)	-	-	2	#5	8	-	8			
TB5E	18	36	3 #8	5 #10 x(2L)	-	-	2	#5	8	-	8			
TB5F	12	36	3 #10	2 #6	-	-	1	#4	10	-	10			
TB6	12	24	3 #8 x(2L)	2 #8	2 #8	3 #8	1	#5	6	-	6			
TB6A	12	24	3 #8	5 #8	-	-	1	#5	6	-	6			
TB6B	12	24	3 #8 x(2L)	2 #8	1 #8	2 #8	1	#5	6	-	6			
TB6C	12	24	3 #8 x(2L)	4 #8	2 #8	-	1	#5	6	-	6			
TB6D	12	30	3 #8	4 #8	-	-	1	#5	6	-	6			
TB6E	12	24	3 #8	4 #8	-	-	1	#4	7	-	7			
TB7	12	36	4 #11 x(2L)	3 #6	-	-	1B	#5	6	7	8			
TB7A	18	36	3 #10	5 #11 x(2L)	5 #11	-	2	#5	6	-	6			
TB7B	18	36	3 #8	5 #10 x(2L)	4 #10	-	2	#5	6	-	6			
TB8	12	24	3 #10 x(2L)	2 #5	-	-	1	#4	10	-	10			
TB8C	12	30	5 #8	2 #5	-	-	1	#4	10	-	10			
TB8D	12	36	3 #11 x(3L)	2 #11	-	-	1	#5	5	7	12			
TB8E	24	30	5 #10 x(2L)	4 #8	-	-	2	#4	2	-	12			
TB8F	36	57/39	10 #8	10 #10	10 #10	-	2	#5	8	-	8			
TB8A-CANT	36	45	10 #8	11 #10 x(2L)	-	10 #10	2	#5	8	-	8			
TB9	36	45	8 #8	11 #10 x(2L)	4 #10	-	2	#5	8	-	8			
TB9A	36	48	6 #8	6 #6	-	-	2	#5	8	-	8			
TB9B	36	48	6 #8	4 #10	-	-	2	#5	8	-	8			
TB9C	36	48	6 #8	4 #10	-	-	2	#5	8	-	8			
TB9-CANT	36	45	10 #8	11 #10 x(2L)	-	4 #10	2	#5	8	-	8			
TB10	12	24	4 #8 x(2L)	3 #5	-	-	1B	#4	5	-	5			
TB10A	12	24	3 #10 x(2L)	2 #8	-	-	1	#4	6	-	6			
TB10B	12	24	3 #8 x(2L)	2 #8	-	-	1	#5	6	-	6			
TB11	8	36	2 #10	2 #5	-	-	1	#4	10	-	10			
TB11A	8	36	2 #5 x(2L)	2 #5	-	-	1	#4	10	-	10			
TB12	12	24	3 #6	2 #4	-	-	1	#4	6	-	6			
TB12A	12	24	4 #8	2 #6	-	-	1	#4	6	-	6			
TB12B	12	24	3 #8 x(2L)	2 #4	-	-	1B	#4	7	-	7			
TB12C	12	24	3 #10/2 #6	2 #5	-	-	1	#5	6	6	7			
TB12D	12	30	4 #8	2 #5	-	-	1	#4	6	-	6			
TB13	12	24	3 #8	2 #5	-	-	1B	#4	7	-	7			
TB13A	12	24	3 #8	2 #5	-	-	1	#4	7	-	7			
TB13B	12	30	3 #11 x(3L)	2 #11	-	-	1	#5	5	7	10			
TB13C	12	36	3 #11 x(3L)	3 #11	-	-	1	#5	4	7	12			
TB14	12	24	3 #8 x(2L)	2 #5	-	-	1B	#4	7	-	7			
TB14A	12	24	4 #8 x(2L)	3 #5	-	-	1	#4	5	6	7			
TB15	16	36	4 #8	4 #8	-	-	1	#4	10	-	-			
TB15A	12	36	2 #10	2 #8 x(2L)	-	-	1	#4	10	-	-			
TB15B	12	36	2 #10	2 #8 x(2L)	-	-	1	#4	6	-	6			
TB17	16	48	4 #8	4 #8	-	-	1	#4	8	-	8			
TB17A	12	36	3 #10	3 #10	-	-	1	#4	6	6	10			
TB17B	12	36/38	-	-	-	-	Same as TB17A							
TB17C	12	36	3 #10	4 #8	3 #8	3 #8	1B	#5	7	7	12			
TB17D	12	36	3 #11	2 #10	2 #10	2 #10	1B	#5	6	7	12			
TB18	16	18/36	4 #8	4 #8	2 #8	2 #8	2	#4	5	3	7			
TB20	18	24	3 #6	3 #6	-	-	1	#4	10	-	-			
TB21	18	24	3 #6	3 #6	-	-	1	#4	10	-	-			
TB22	12	24	2 #8	2 #8	-	-	1	#4	8	-	8			

1 2ND FLOOR (MARKETING 02) FRAMING PLAN  
SCALE: 1/8" = 1'-0"

- NOTES:  
1. TSLAB ELEVATION @ 59'-9" U.O.N. THIS PLAN.  
2. SLAB TO BE 10" THICK PT LIGHTWEIGHT CONCRETE U.O.N. THIS PLAN.  
3. BOTTOM MAT REINFC TO BE:  
#4@10" EW CONT. FOR 10" RC SLAB INSIDE CORE  
#4@10" EW CONT. FOR 10" PT SLAB  
#4@10" CONT. MAIN BARS AND #4@14 CONT. FOR TEMPERATURE BARS FOR 7" RC SLAB INSIDE CORE.  
3. FOR BALANCE OF NOTES SEE DWG. F-1020.
- MATERIAL NOTES:  
1. ALL SLABS TO BE LIGHT-WEIGHT CONCRETE (MAXIMUM DENSITY 120lb/cu ft. AND fc=7000 psi).  
2. ALL COLUMNS AND WALLS TO BE NORMAL WEIGHT CONCRETE.

BEAM MARK	SIZE	REINFORCEMENT	STIRRUPS	REMARKS
TB1	12 24	4	4	2
TB2	8 18	2	4	2
TB3	18 24	6	4	2
TB4	12 36	3	4	2
TB5	12 36	3	4	2
TB6	12 24	3	4	2
TB7	12 36	4	4	2
TB8	12 24	3	4	2
TB9	36 45	10	4	2
TB10	12 30	4	4	2
TB11	8 36	2	4	2
TB12	12 24	3	4	2
TB13	12 24	3	4	2
TB14	12 24	3	4	2
TB15	16 36	4	4	2
TB16	12 36	2	4	2
TB17	16 48	4	4	2
TB18	16 18/36	4	4	2
TB19	18 24	3	4	2
TB20	18 18	3	4	2
TB21	12 24	2	4	2

LOAD TABLE (OUTSIDE CORE AREA)			
DL	SL	LL	PL
70 PSF	100 PSF	210 PSF	210 PSF



Project No. 1395480-S-020  
Drawn By CADD  
Sheet Number 1395480-S-020

2ND FLOOR (MARKETING 02) FRAMING PLAN

Scale: 1/8" = 1'-0"











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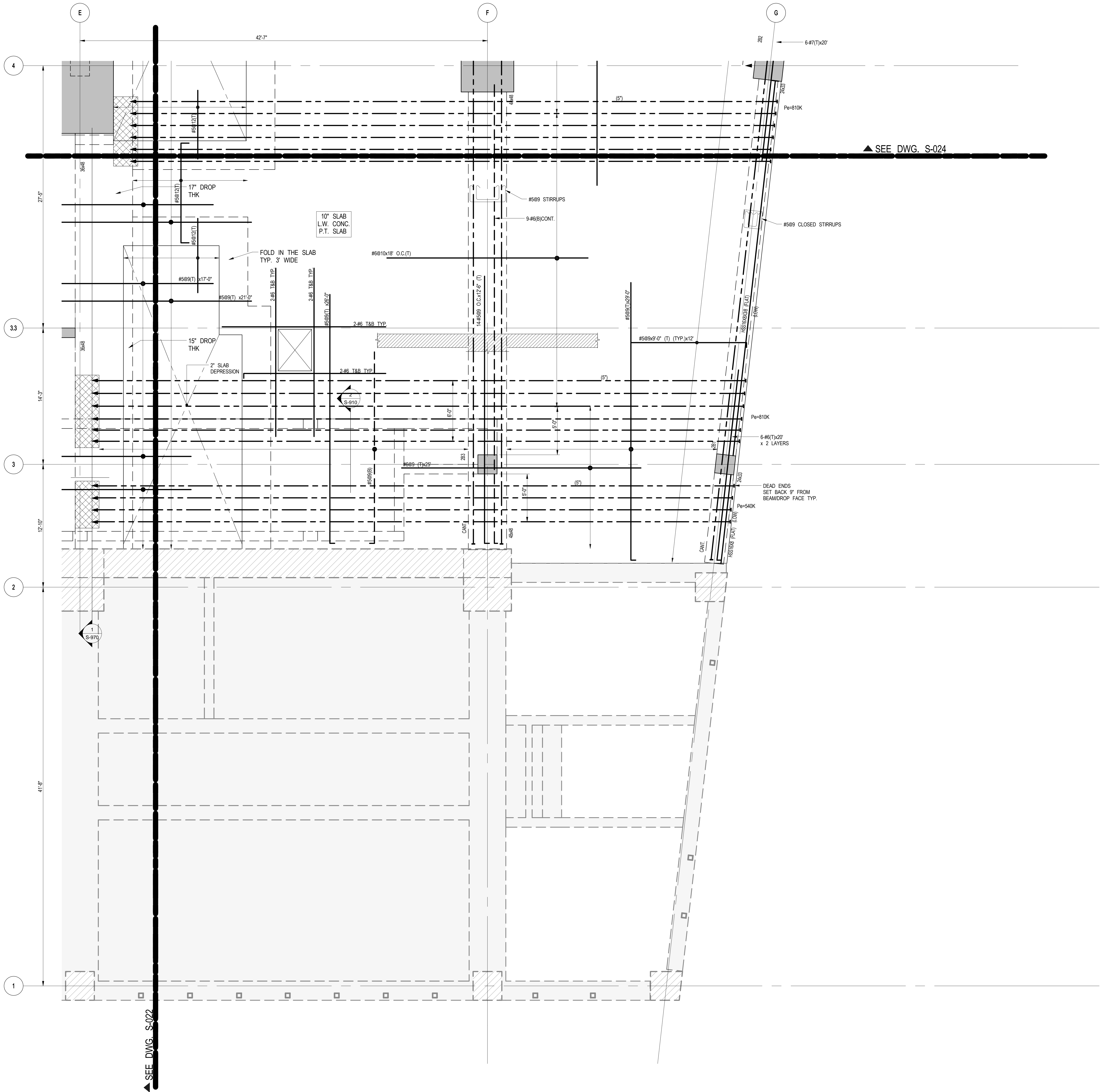
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1 2ND FLOOR (MARKETING 02) FRAMING PLAN PART 3  
S-023 SCALE: 1/4" = 1'-0"

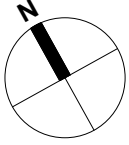
NOTE:  
FOR BALANCE OF INFORMATION SEE CORRESPONDING  
OVERALL FRAMING PLAN.



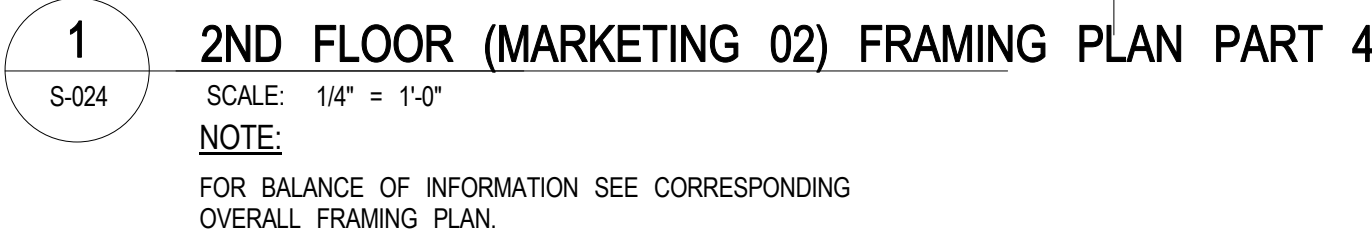
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Project No: 1305480  
Drawn By: CADD  
Sheet Number: 1305480-S-023

2ND FLOOR  
(MARKETING 02)  
FRAMING PLAN PART 3

Sheet Number  
S-023.00



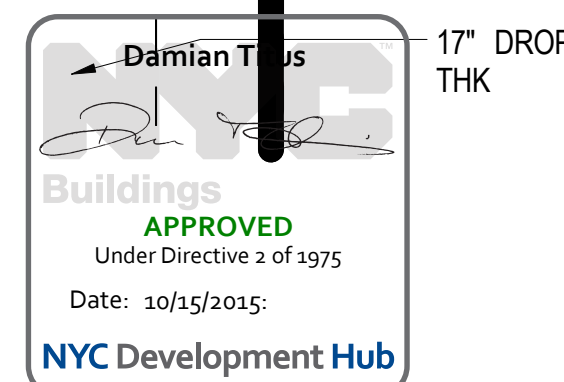




Issue Date:	<b>04/03/2015</b>
Project No.	<b>1305480</b>
Drawn By	<b>CADD</b>
Sheet Number	<b>1305480-S-024</b>

*Drawing Number*  
**S-024.00**





*Drafting Number*  
**S-026.00**

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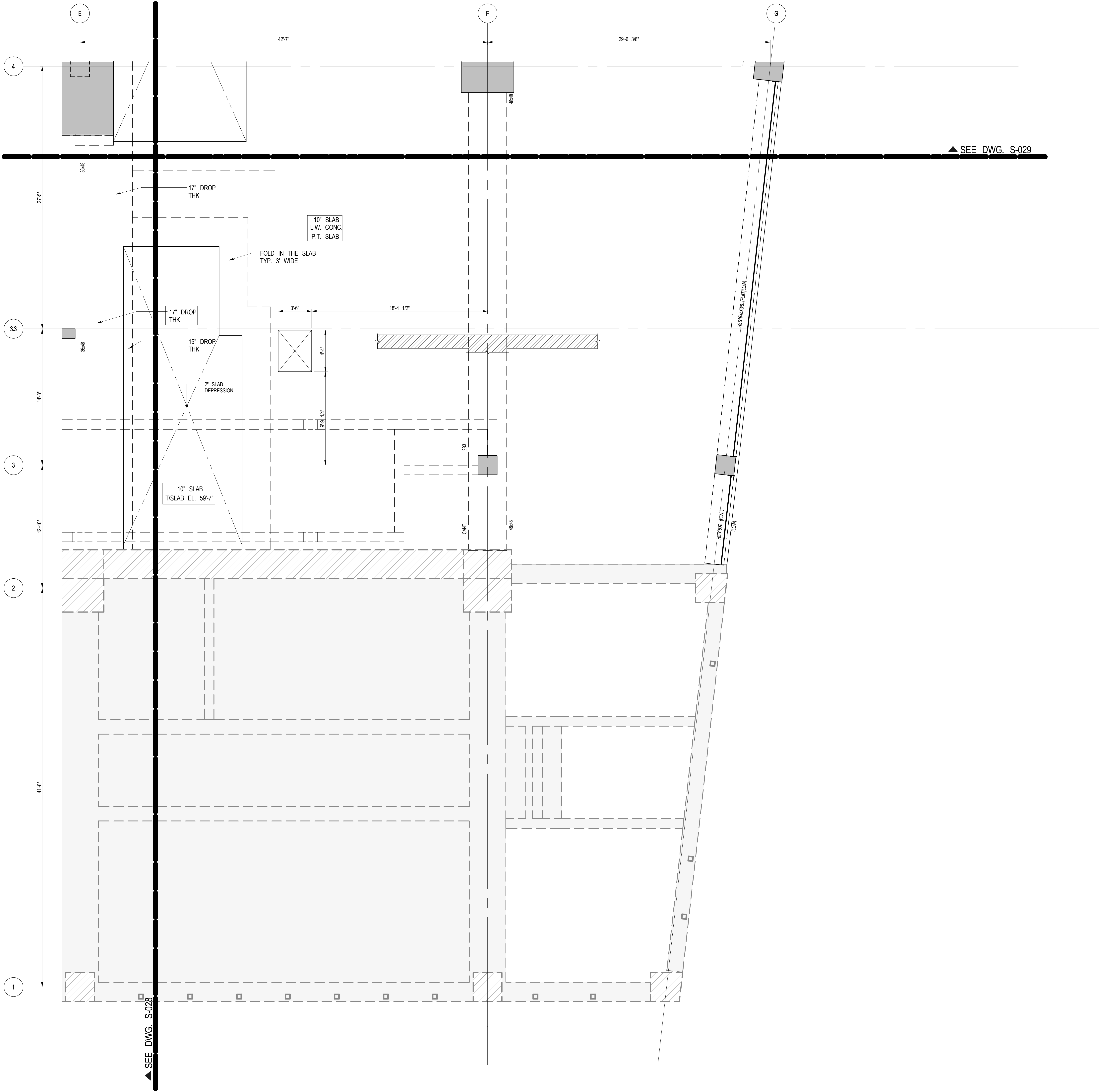
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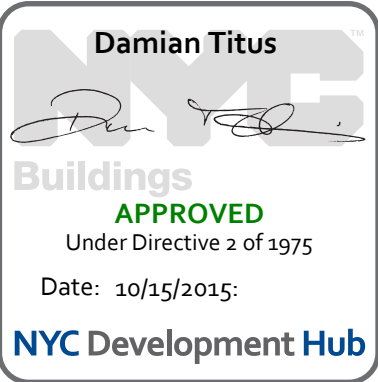
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1 2ND FLOOR (MARKETING 02) G.A. PLAN PART 3  
S-028 SCALE: 1/8" = 1'-0"

NOTE:  
FOR BALANCE OF INFORMATION SEE CORRESPONDING  
OVERALL FRAMING PLAN.

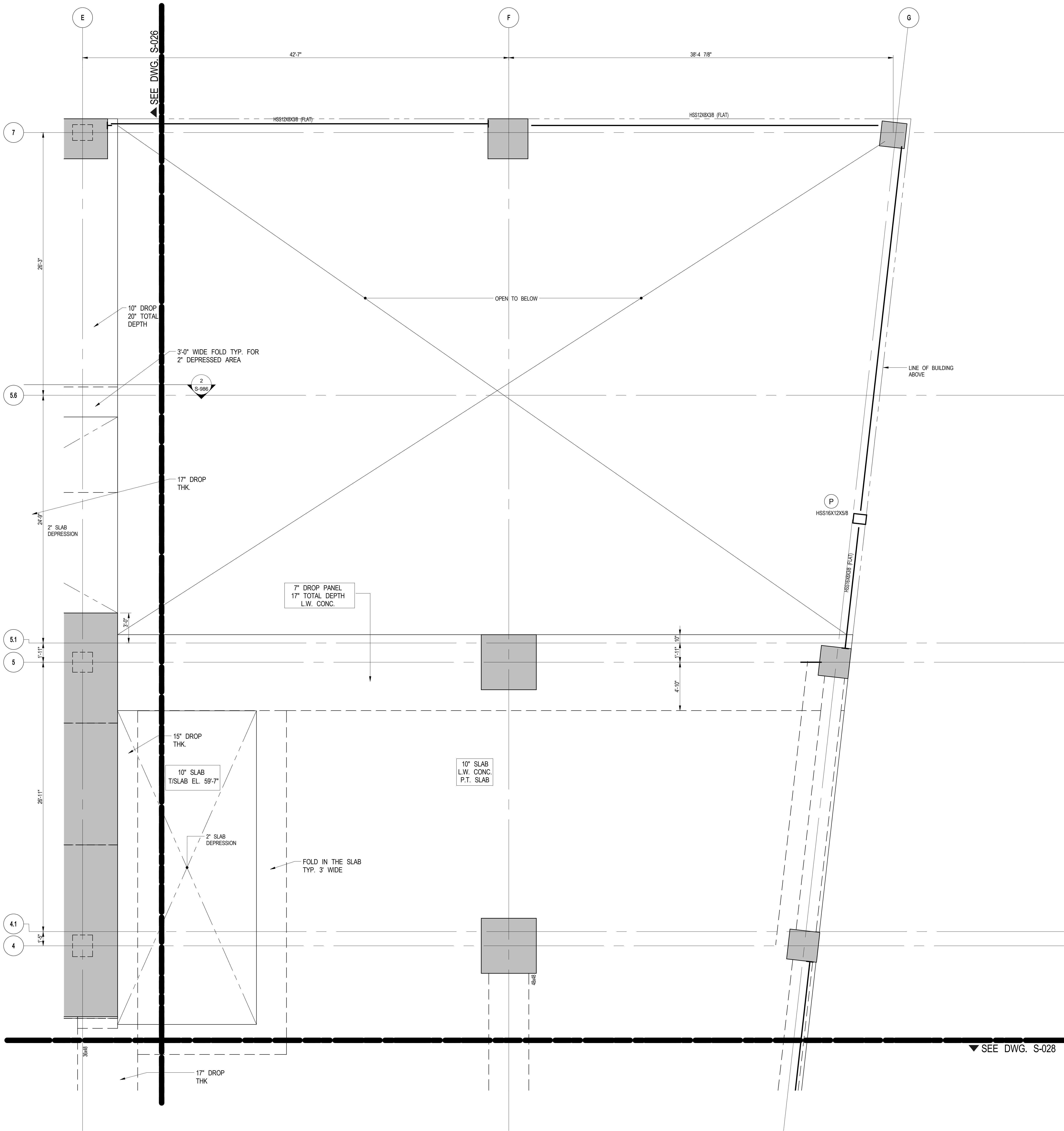


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Project No:	1305480
Drawn By:	CADD
Sheet Number:	1305480-S-028

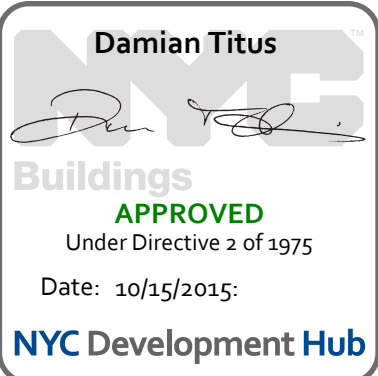
2ND FLOOR  
(MARKETING 02) G.A.  
PLAN PART 3

S-028.00





1  
S-029  
2ND FLOOR (MARKETING 02) G.A. PLAN PART 4  
SCALE: 1/4" = 1'-0"  
NOTE:  
FOR BALANCE OF INFORMATION SEE CORRESPONDING  
OVERALL FRAMING PLAN.



Issue Date:	04/03/2015
Project No:	1305480
Drawn By:	CADD
Sheet Number:	1305480-S-029

2ND FLOOR  
(MARKETING 02) G.A.  
PLAN PART 4

1305480-S-029.00





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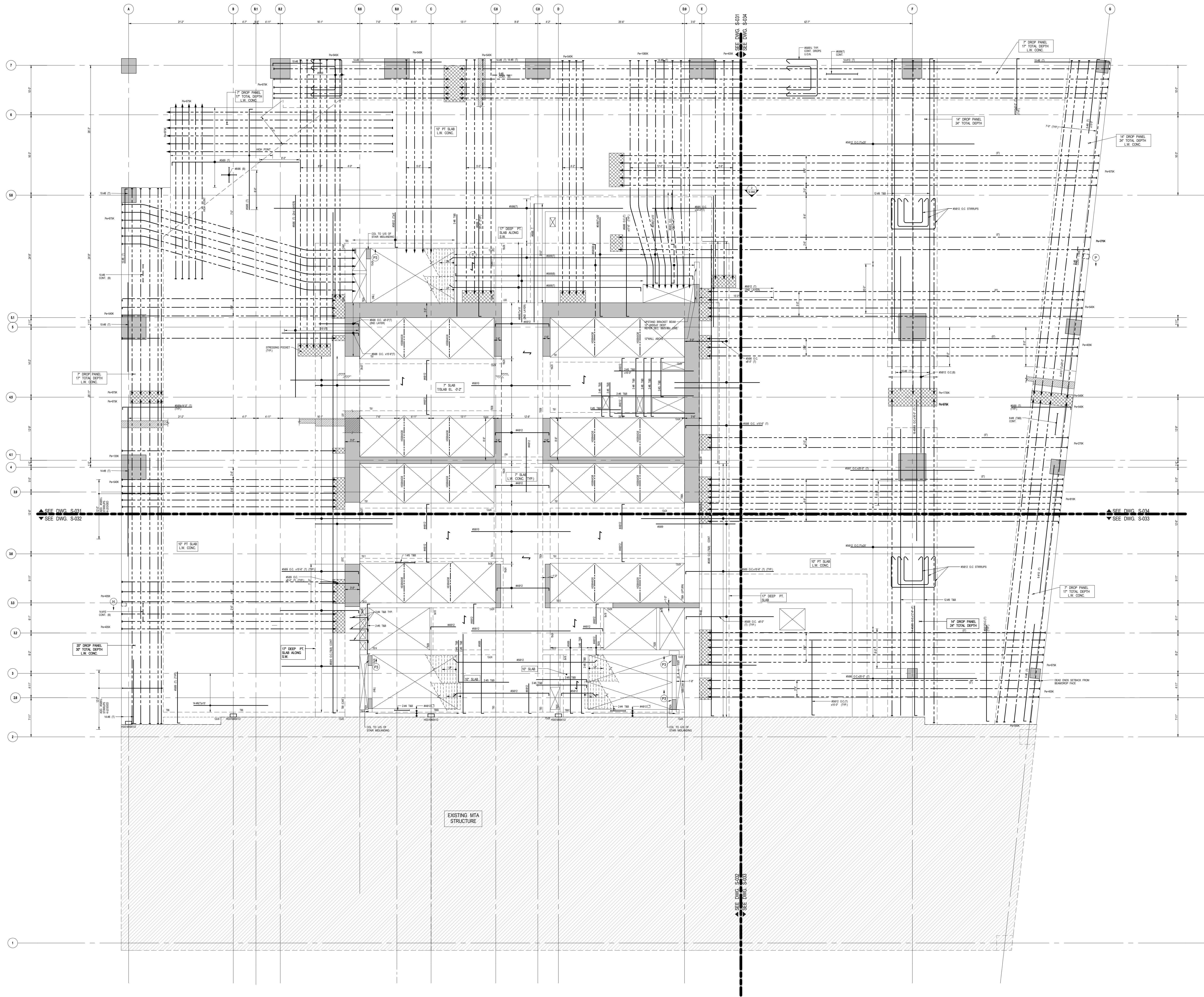
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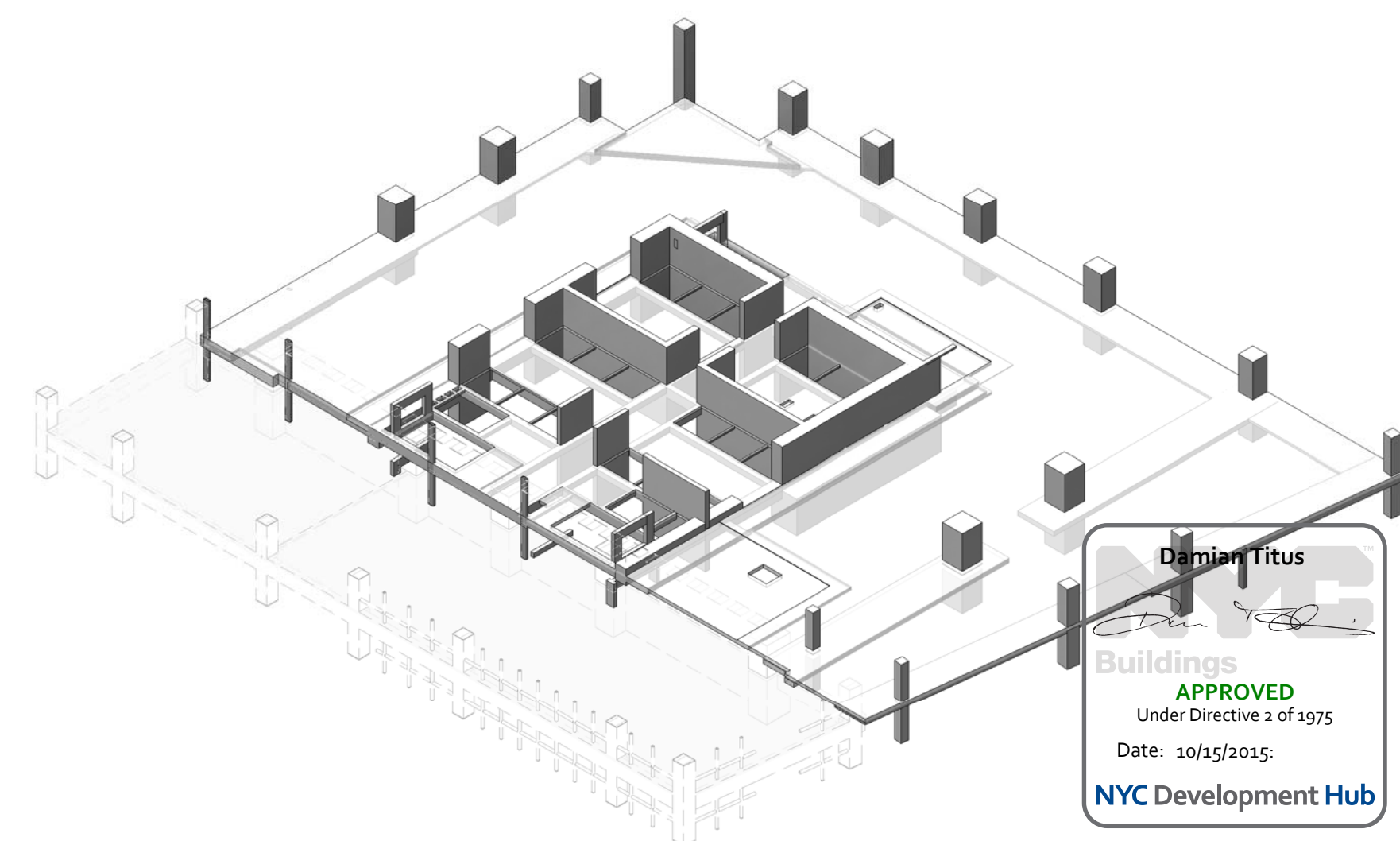


1 3RD FLOOR (MARKETING 03) FRAMING PLAN  
SCALE: 1/8\"/>

- NOTES
1. SLAB ELEVATION @ EL. 73'-4\"/>

- MATERIAL NOTES
1. ALL SLABS TO BE LIGHT-WEIGHT CONCRETE (MAXIMUM DENSITY 120lb/cu ft. AND fc=7000 psi).
  2. ALL COLUMNS AND WALLS TO BE NORMAL WEIGHT CONCRETE.

LOAD TABLE (OUTSIDE CORE AREA)			
DL	SOL	LL	FACADE
SLAB WEIGHT (VARIES)	70 PSF	100 PSF	210 PLF



3D VIEW

Title Date  
04/03/2015  
Project No.  
1305480  
Drawn By  
CAD  
Sheet Number  
1305480-S-030

3RD FLOOR  
(MARKETING 03)  
FRAMING PLAN

Drawn By

S-030.00









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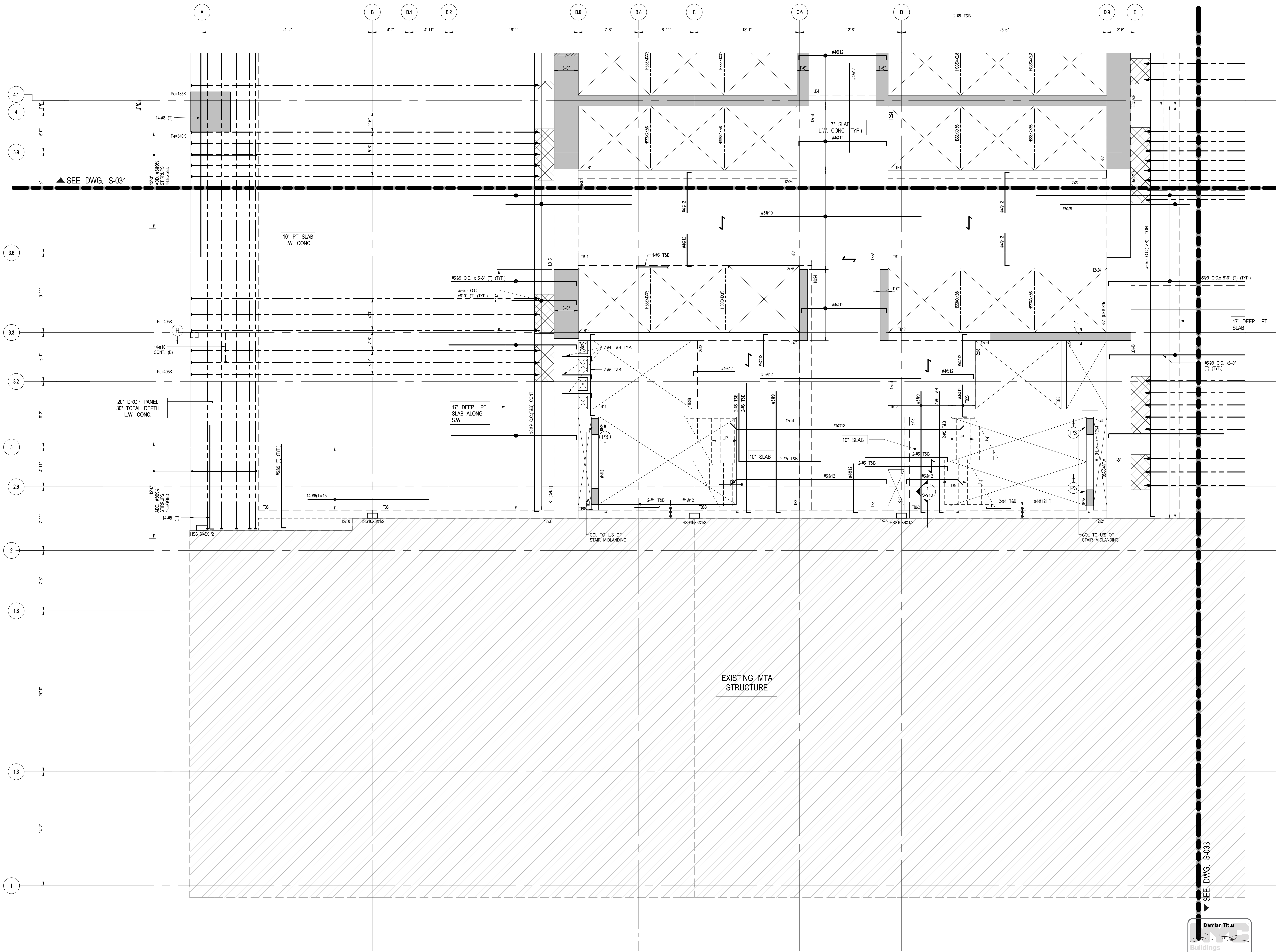
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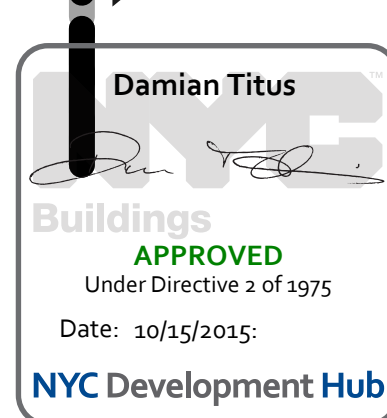
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1  
S-032  
3RD FLOOR (MARKETING 03) FRAMING PLAN PART 2  
SCALE: 1/4" = 1'-0"  
NOTE:  
FOR BALANCE OF INFORMATION SEE CORRESPONDING  
OVERALL FRAMING PLAN

SEE DWG. S-033



1	D.O.B. BUILDING PERMIT FILING	05/01/2015
	100% CONSTRUCTION DOCUMENTS	04/03/2015

No. Description Date

Key Plan

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Drawn By: CADD  
Sheet Number: 1305480-S-032

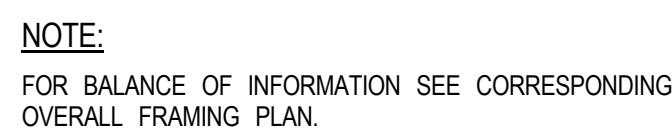
Drawing Title  
3RD FLOOR (MARKETING 03)  
FRAMING PLAN PART 2

Drawing Number  
S-032.00



### Key Findings

*Displaying Number*  
**S-033.00**





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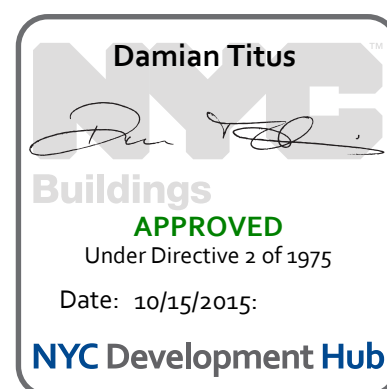
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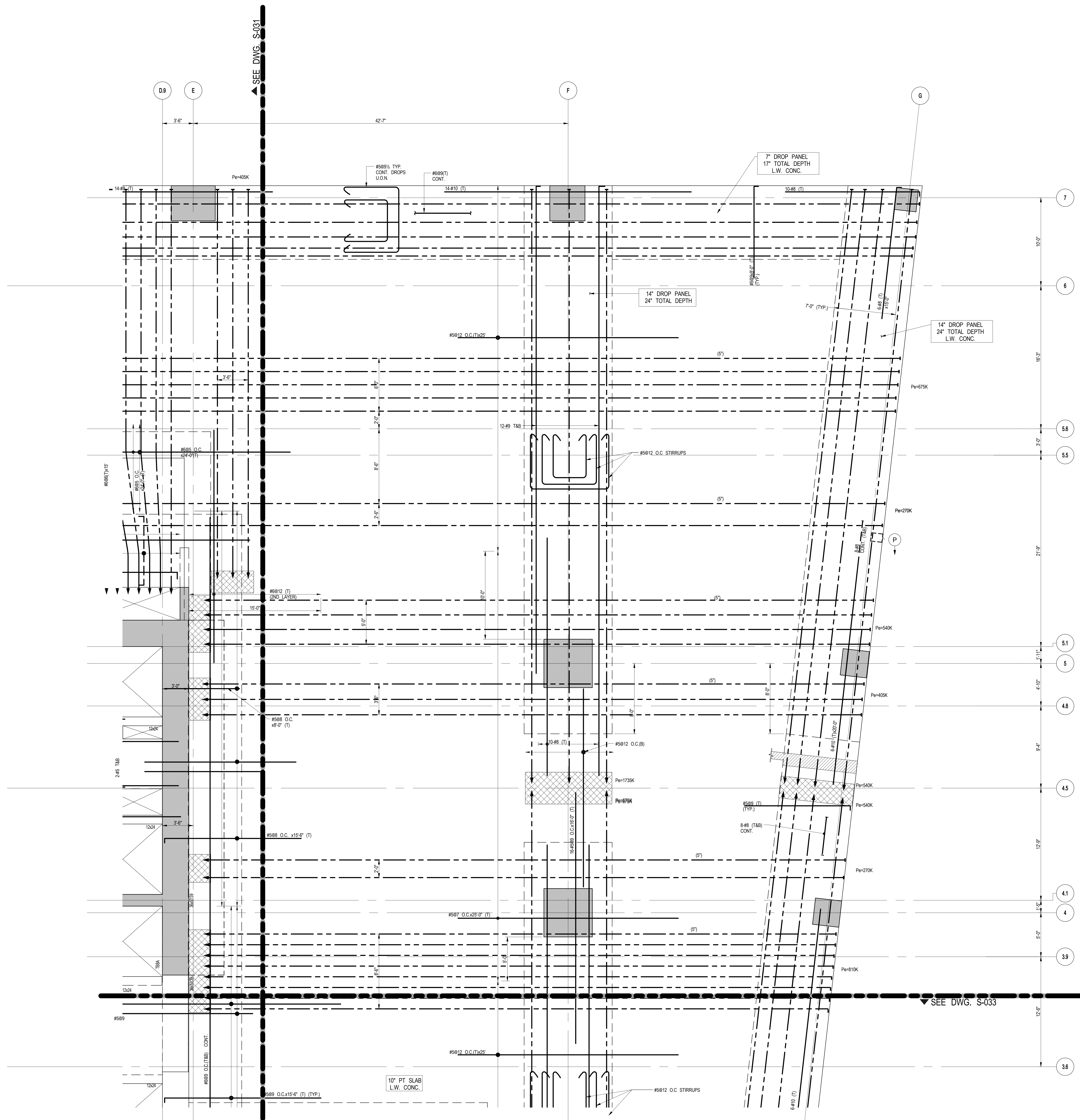
Issue Date:	04/03/2015
Project No.	1305480
Drawn By	CADE
Sheet Number	1305480-S-034



*Drawing Title*

**3RD FLOOR  
(MARKETING 03)  
FRAMING PLAN PART 4**

*Drafting Number*  
**S-034.00**



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S-034

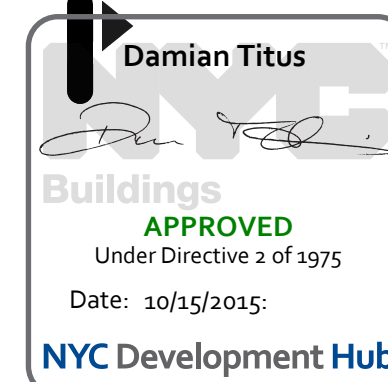
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SCALE: 1/4" = 1'-0"

**NOTE:**  
FOR BALANCE OF INFORMATION SEE CORRESPONDING  
OVERALL FRAMING PLAN.










**NOTE:**  
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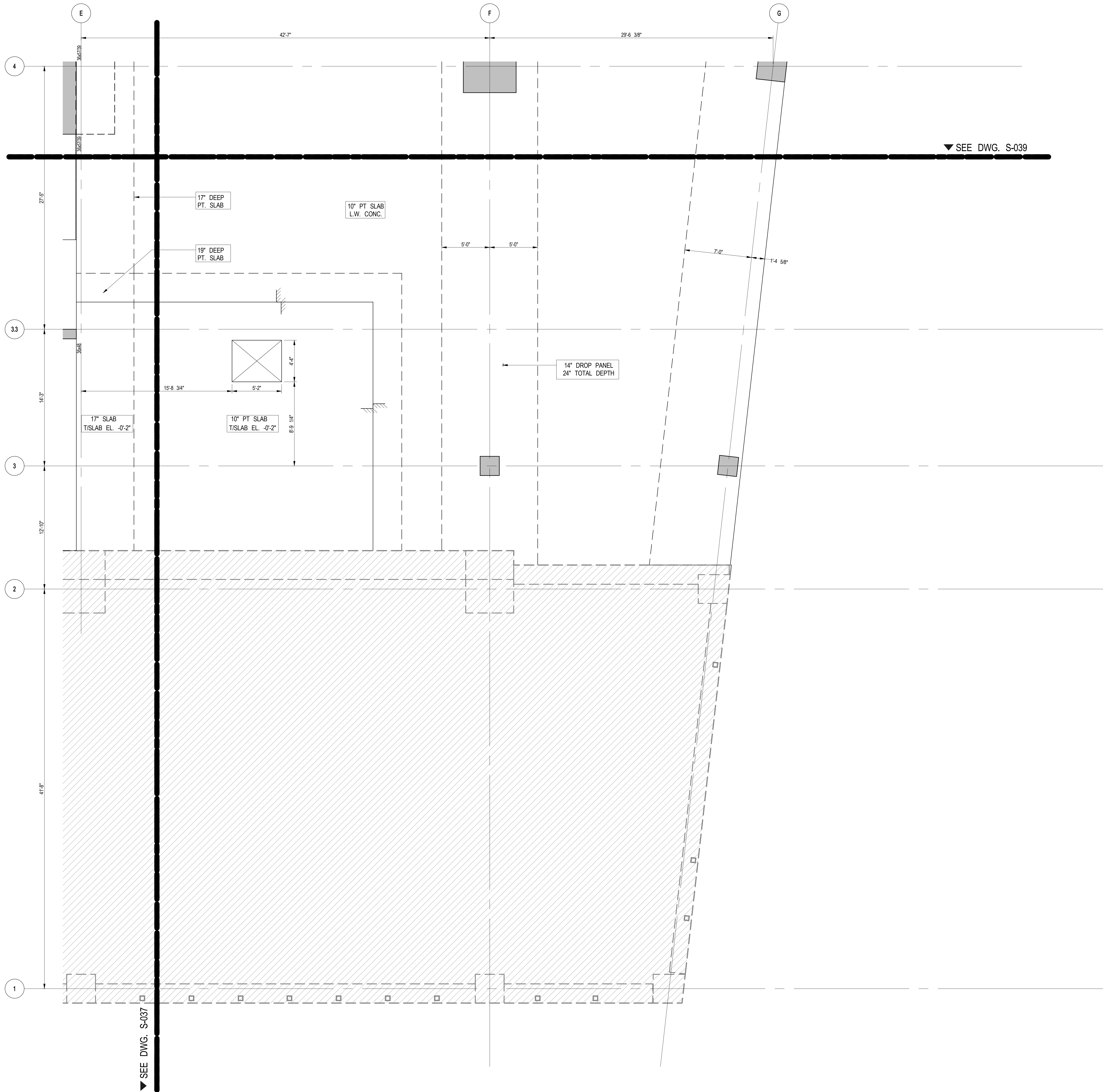
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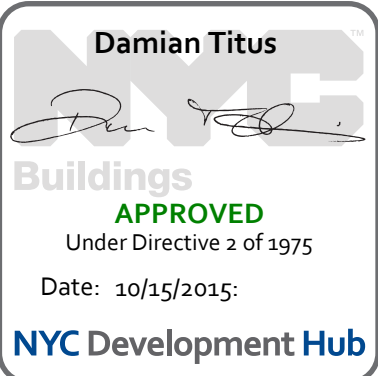
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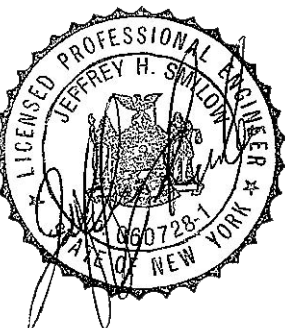


1 3RD FLOOR (MARKETING 03) G.A. PLAN PART 3  
S-038 SCALE: 1/4" = 1'-0"

NOTE:  
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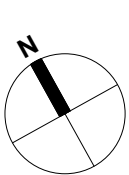


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Project No: 1305480  
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Sheet Number: 1305480-S-038



3RD FLOOR  
(MARKETING 03) G.A.  
PLAN PART 3

S-038.00





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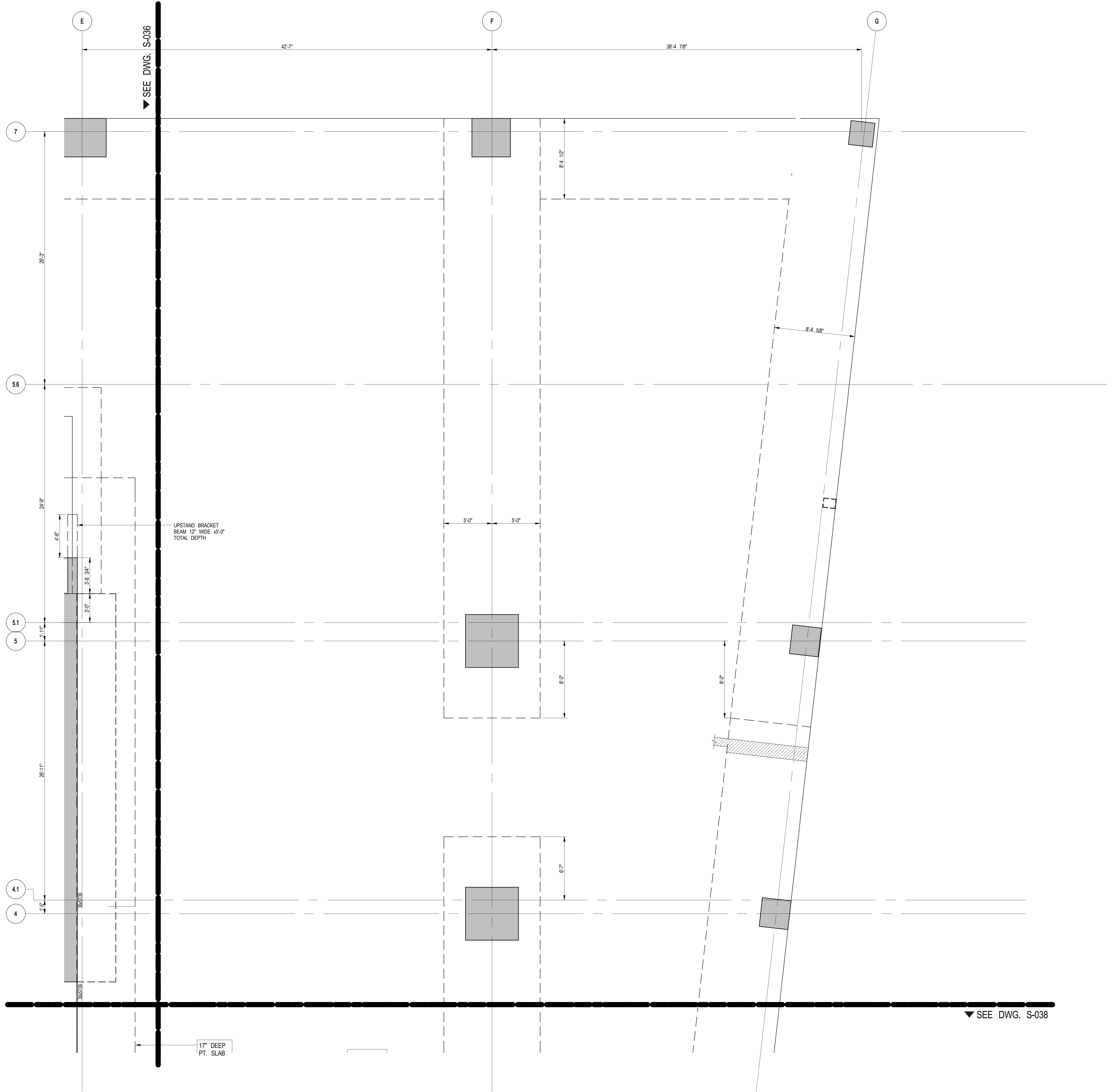
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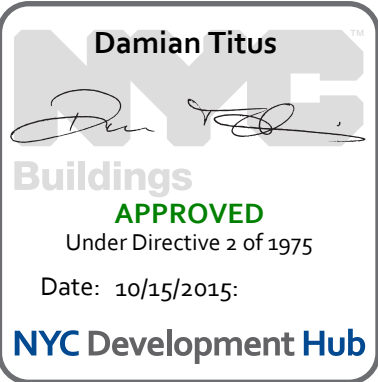
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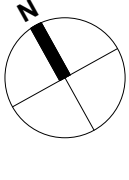
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SCALE: 1/4" = 1'-0"  
NOTE:  
FOR BALANCE OF INFORMATION SEE CORRESPONDING  
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Issue Date: 04/03/2015  
Project No: 1305480  
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Drawing Title  
3RD FLOOR (MARKETING 03) G.A.  
PLAN PART 4

Drawing Number  
S-039.00







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	100% CONSTRUCTION DOCUMENTS	04/03/2015

Key Plan

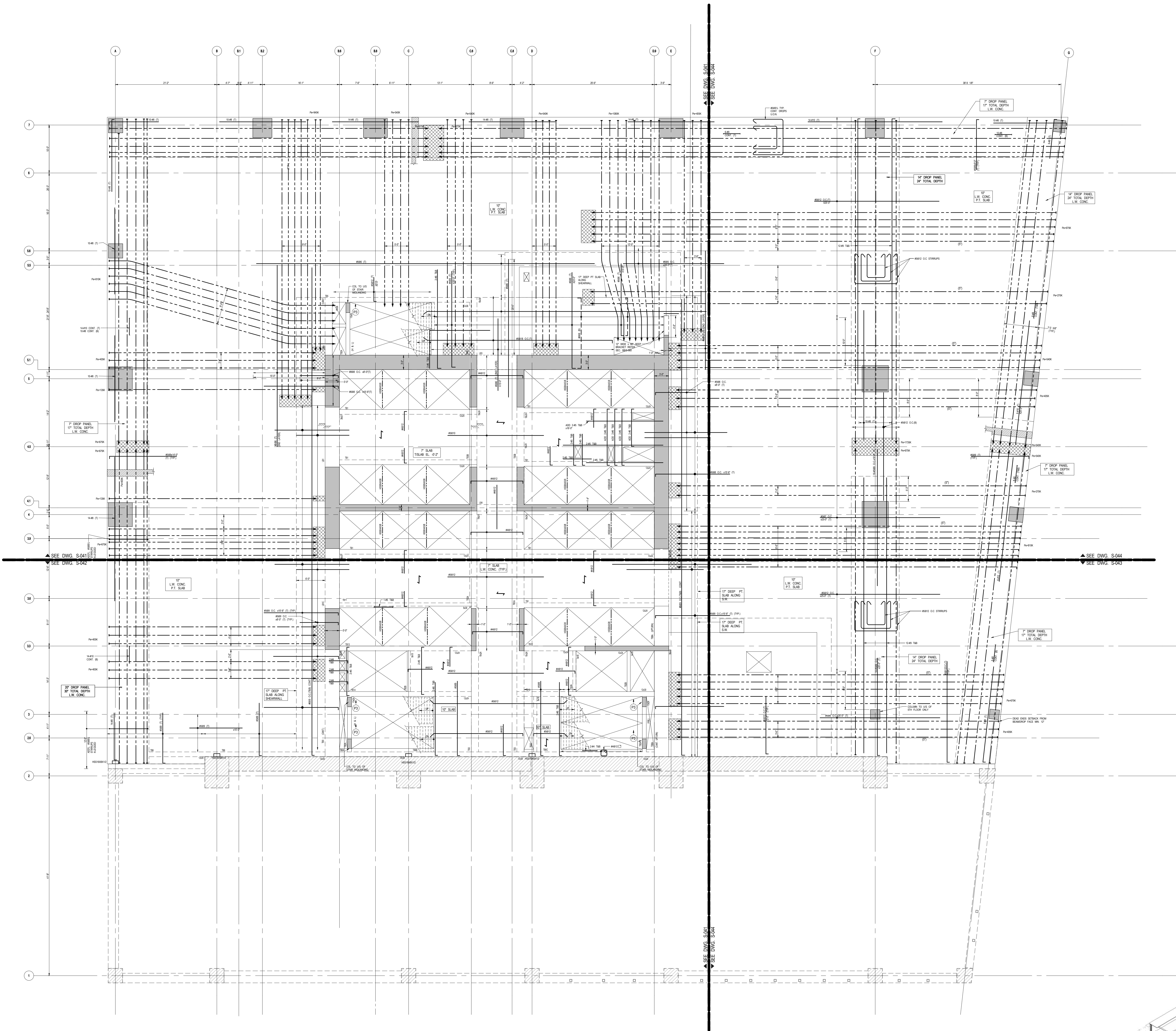
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Project No.  
1305480  
Drawn By  
CADD  
Sheet Number  
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Project File  
4TH-5TH FLOOR  
(MARKETING 04-05)  
FRAMING PLAN

Drawing Number

S-040.00



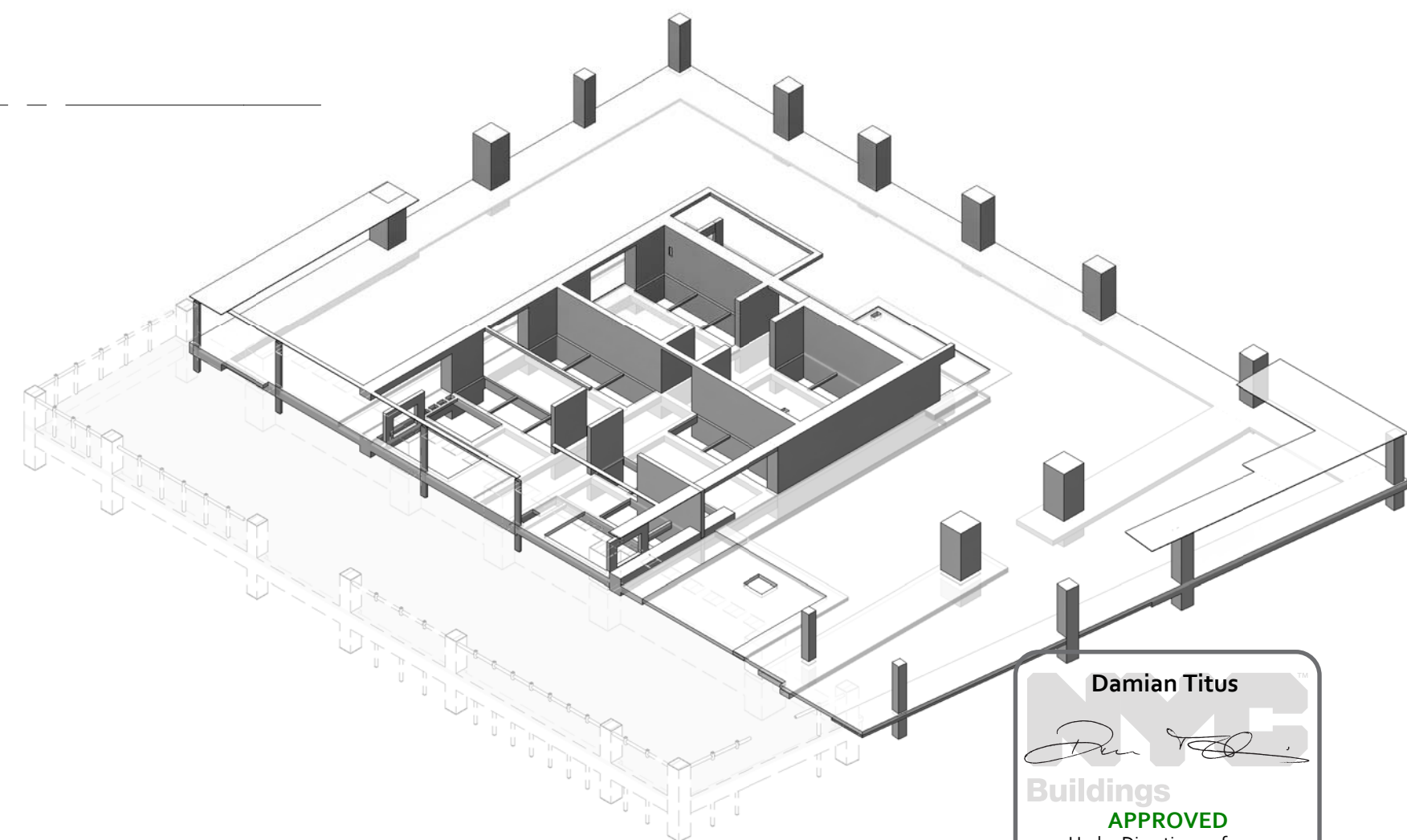
1 4TH-5TH FLOOR (MARKETING 04-05) FRAMING PLAN  
S-040 SCALE: 1/8" = 1'-0"

- NOTES
1. TISLAB ELEVATION 4TH FL @ 86'-11" 5TH FL @ 100'-0" U.O.N. THUS ON PLAN.
  2. SLAB TO BE 10" THICK PT LIGHT-WEIGHT CONCRETE U.O.N. THUS ON PLAN.
  3. BOTTOM MAT REINF. TO BE:  
#6@10" EW CONT. FOR 10" RC SLAB INSIDE CORE.  
#5@12" EW CONT. FOR 10" PT SLAB.  
#4@10" CONT. MAIN BARS AND WASH CONT. FOR TEMPERATURE BARS FOR 7" RC SLAB INSIDE CORE.
  3. FOR BALANCE OF NOTES SEE DWG. FO-120.

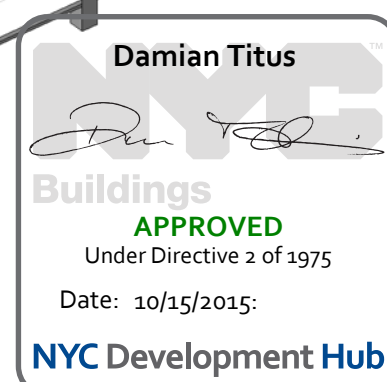
MATERIAL NOTES

1. ALL SLABS TO BE LIGHT-WEIGHT CONCRETE (MAXIMUM DENSITY 120#/cu ft AND  $f_c = 7000$  psi)
2. ALL COLUMNS AND SHEAR WALLS TO BE NORMAL WEIGHT CONCRETE.

LOAD TABLE (OUTSIDE CORE AREA)			
DL	SDL	LL	FACADE
SLAB WEIGHT (W/REIN)	70 PSF	100 PSF	210 PLF



3D VIEW







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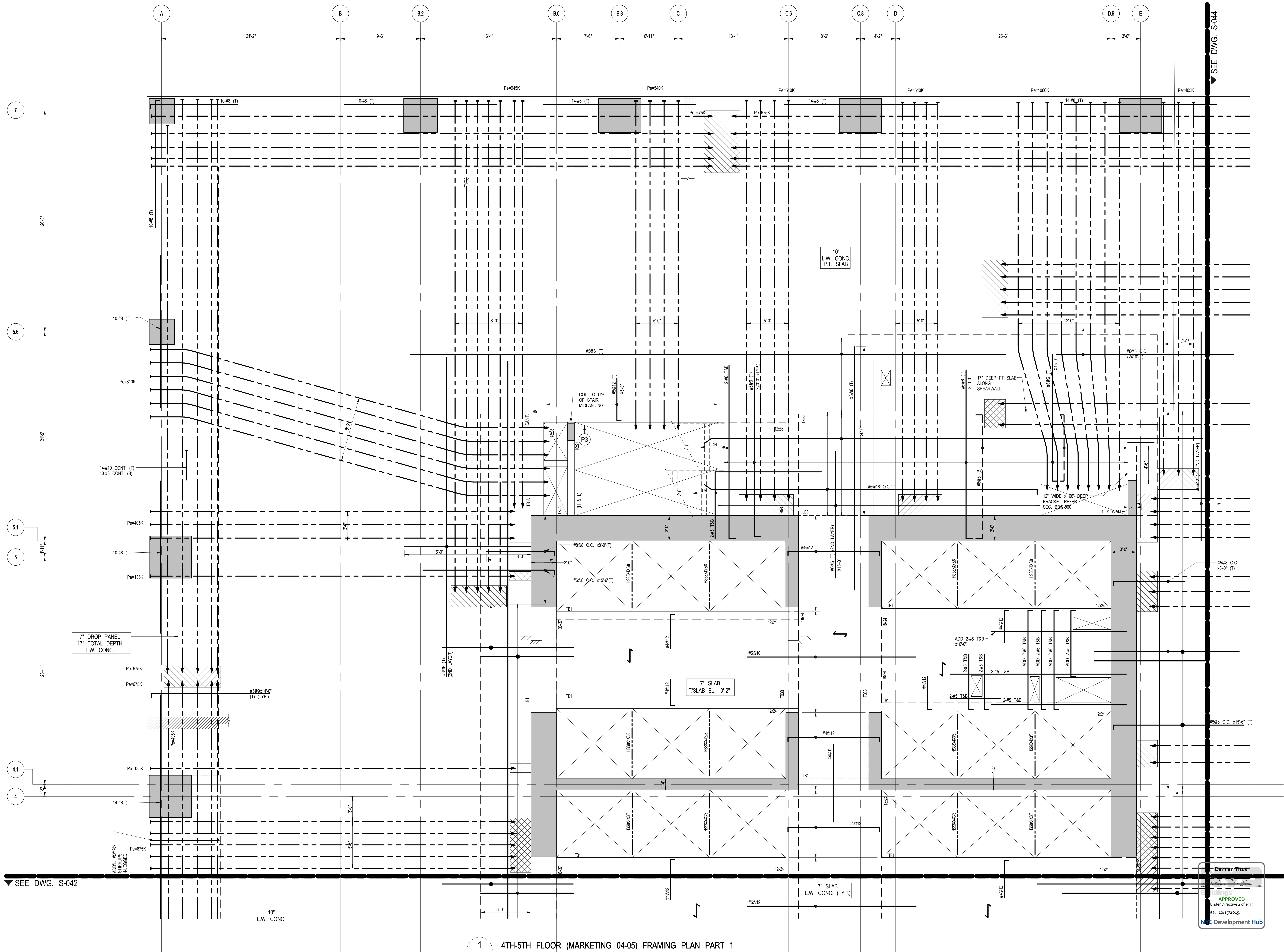
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Issue Date: 04/03/2015  
Project No: 1305480  
Drawn By: CADD  
Sheet Number: 1305480-S-041

4TH-5TH FLOOR  
(MARKETING 04-05)  
FRAMING PLAN PART 1

Drawing Number  
**S-041.00**

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1 4TH-5TH FLOOR (MARKETING 04-05) FRAMING PLAN PART 1

NOTE:  
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OVERALL FRAMING PLAN



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**Key Findings**

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Issue Date: 04/03/2015

Project No. 1305480

Drawn By **CADD**

1305480-S-042

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Downing Title  
**4TH 5TH FLOOR**

(MARKETING 04-05)

## FRAMING PLAN PART 1

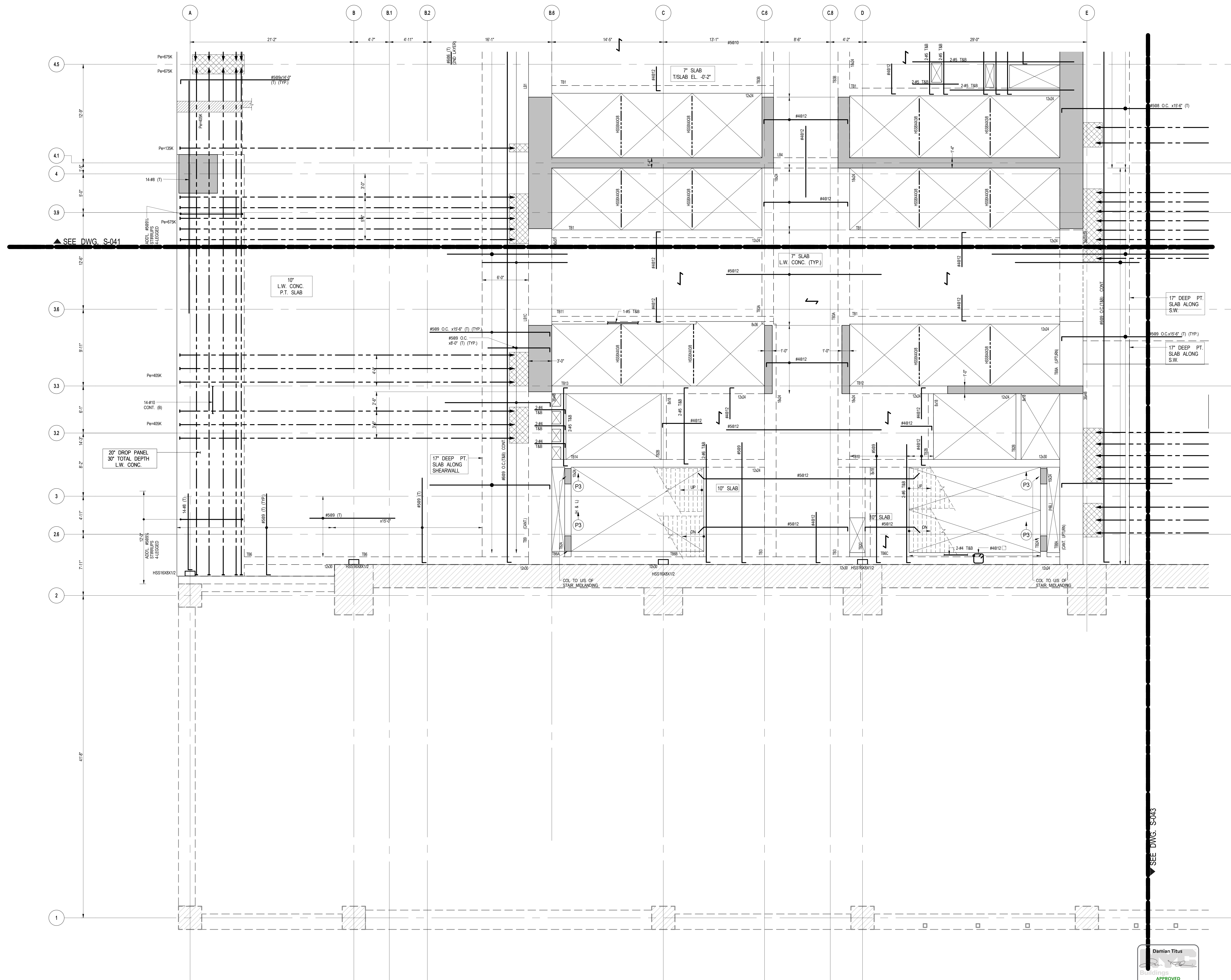
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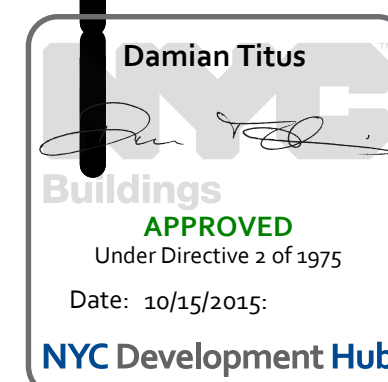
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SEE DWG S-043



1 4TH-5TH FLOOR (MARKETING 04-05) FRAMING PLAN PART 2  
S-042 SCALE: 1/4" = 1'-0"  
NOTE:  
FOR BALANCE OF INFORMATION SEE CORRESPONDING  
OVERALL FRAMING PLAN.

*Drawing Title*  
**4TH-5TH FLOOR  
 (MARKETING 04-05)  
 FRAMING PLAN PART**

*Drafting Number*  
**S-042.00**

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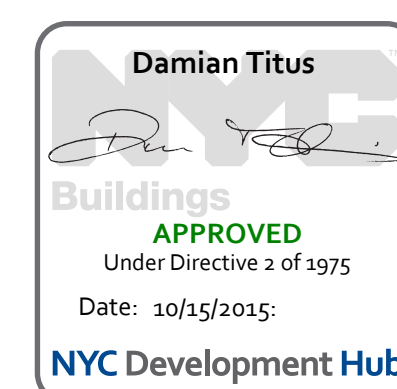
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Key Plan

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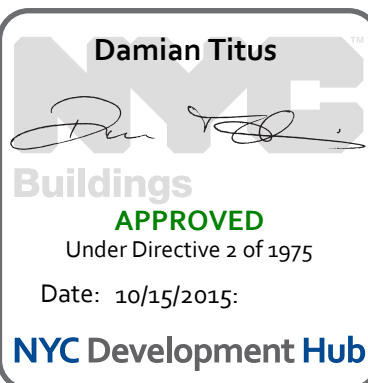
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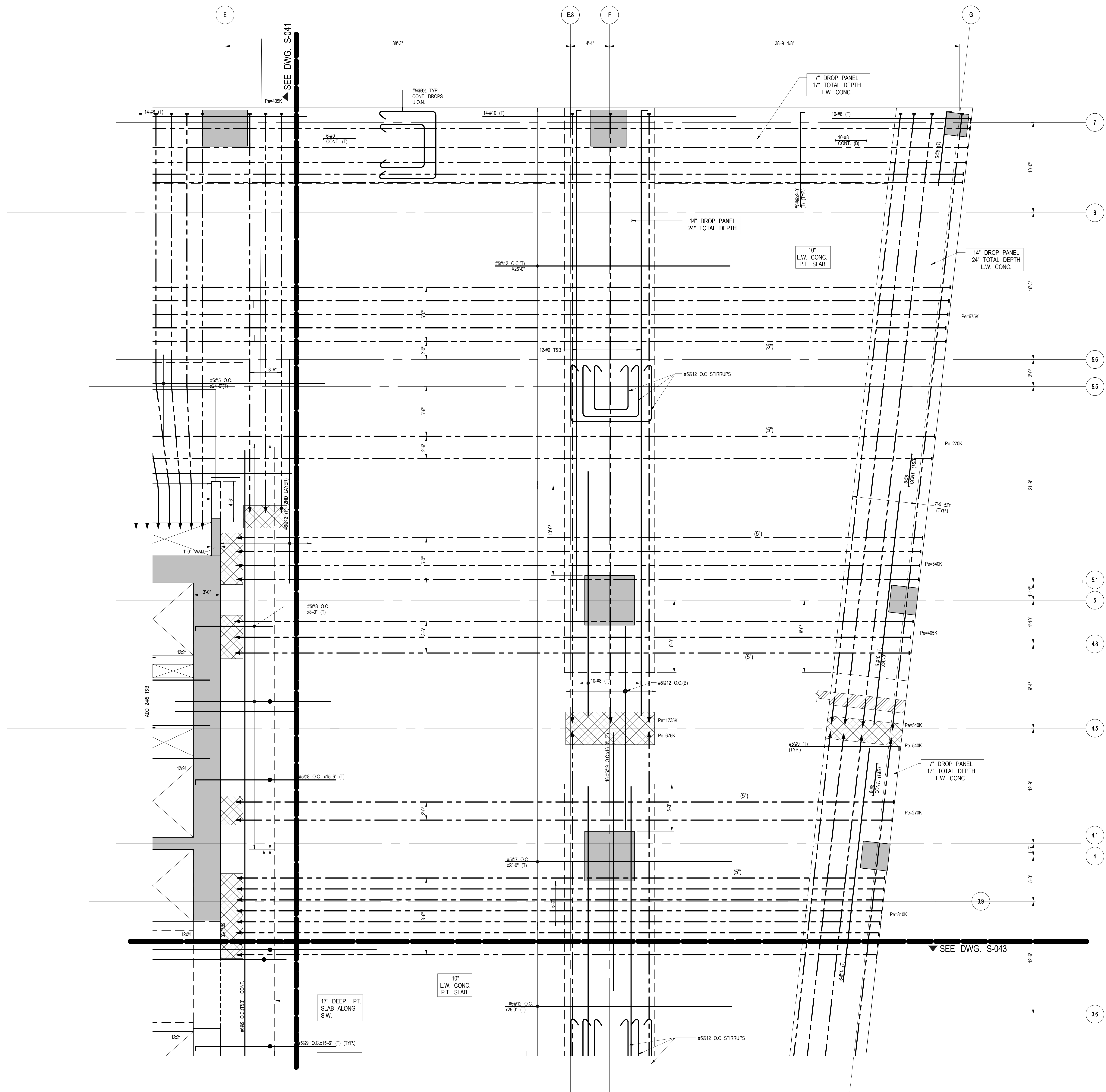
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Sheet Number **1305480-S-044**

Drawing Title  
**4TH-5TH FLOOR  
(MARKETING 04-05)  
FRAMING PLAN PART**

**S-044.00**



1 4TH-5TH FLOOR (MARKETING 04-05) FRAMING PLAN PART 4  
S-044 SCALE: 1/4" = 1'-0"  
NOTE:  
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4TH-5TH FLOOR (MARKETING 04-05) FRAMING PLAN PART 4  
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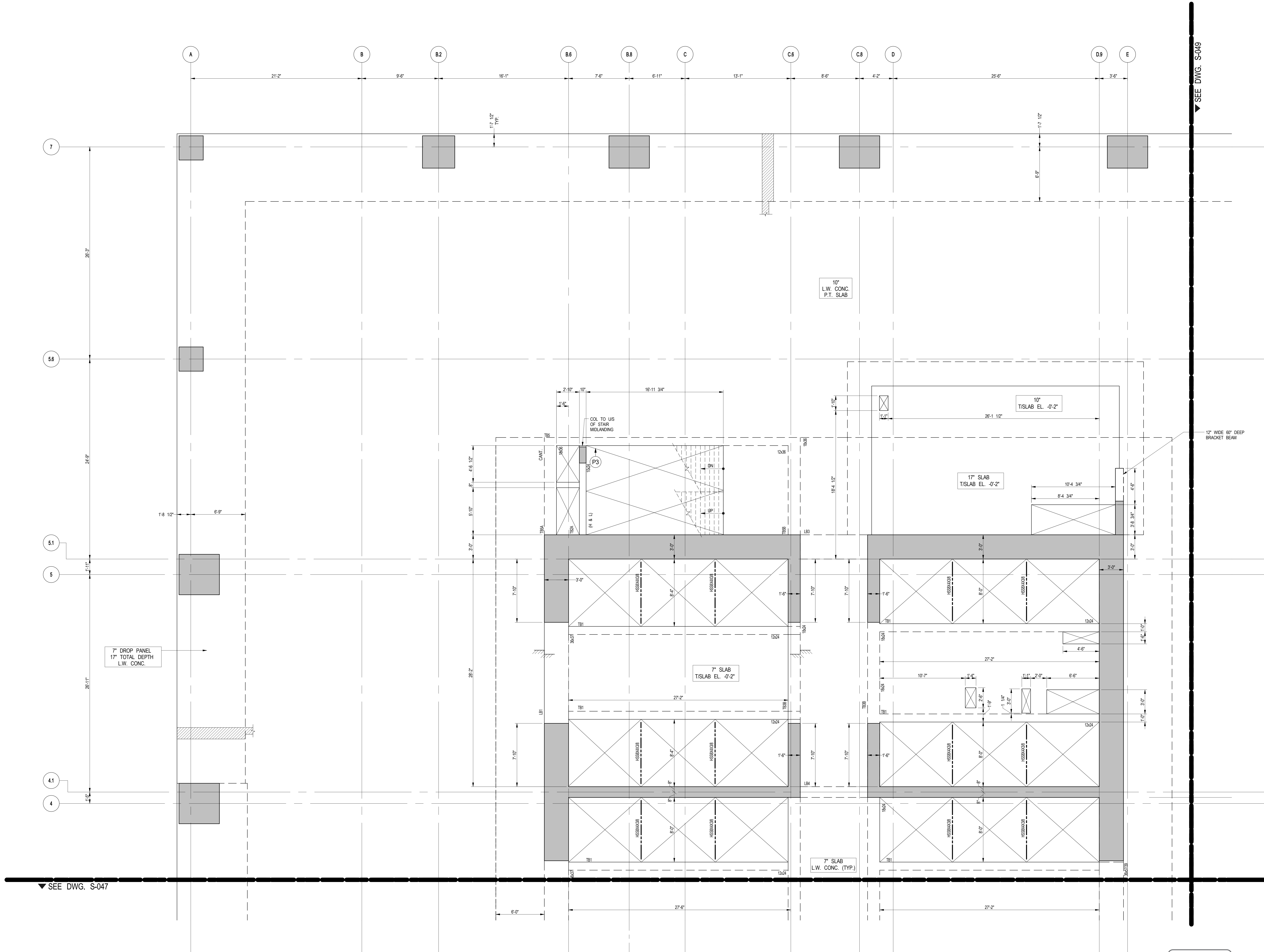
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Issue Date: 04/03/2015  
Project No: 1305480  
Drawn By: CADD  
Sheet Number: 1305480-S-046

Drawing Title  
4TH-5TH FLOOR  
(MARKETING 04-05) G.A.  
PLAN PART 1

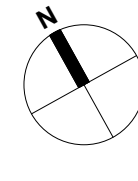
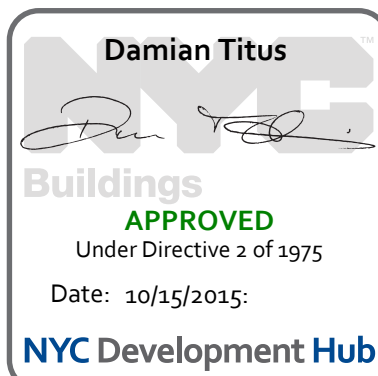
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1 4TH-5TH FLOOR (MARKETING 04-05) G.A. PLAN PART 1  
S-046 SCALE: 1/4" = 1'-0"

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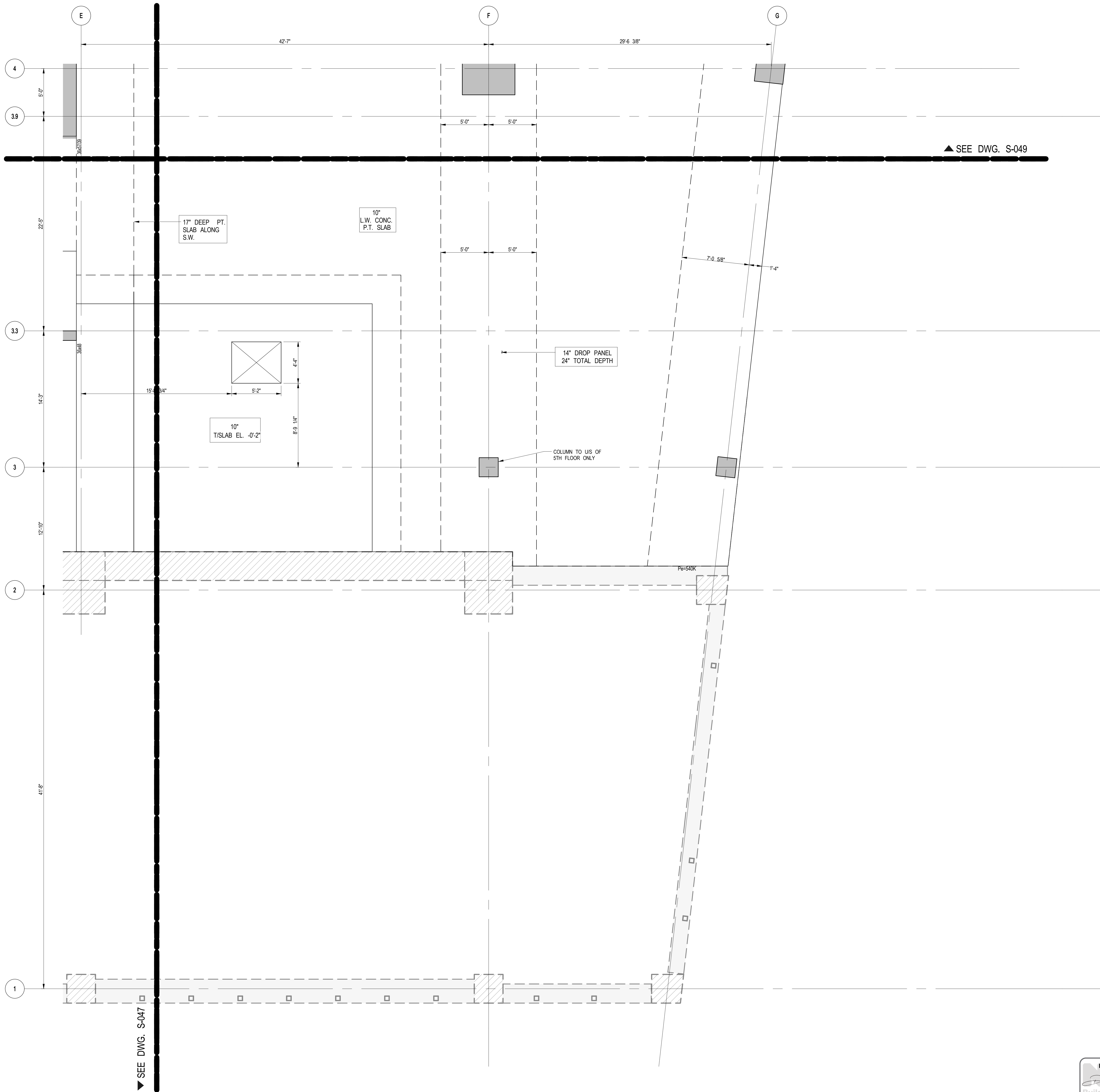
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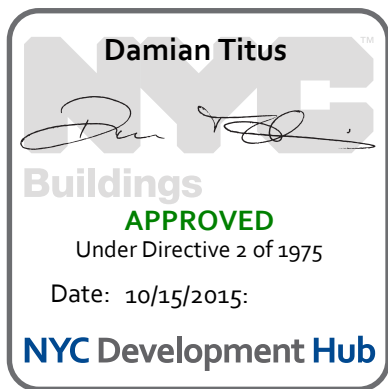
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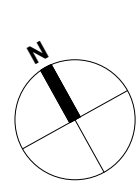
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SCALE: 1/4\" = 1'-0\"  
NOTE:  
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Drawn By:	CADD
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Drawing Title  
4TH-5TH FLOOR  
(MARKETING 04-05) G.A.  
PLAN PART 3

Drawing Number  
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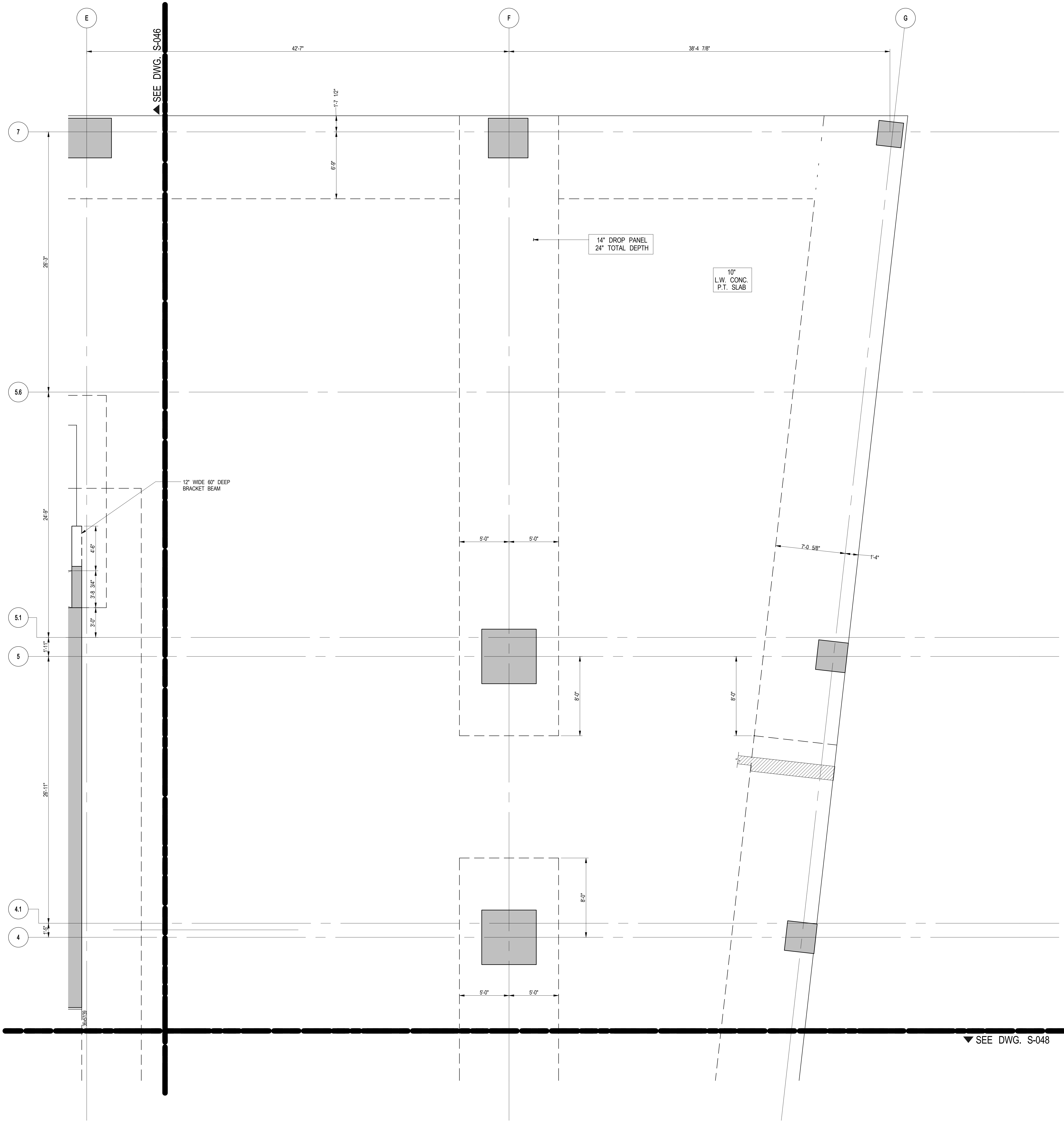
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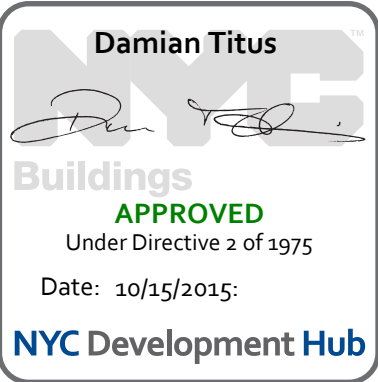
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1  
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4TH-5TH FLOOR (MARKETING 04-05) G.A. PLAN PART 4  
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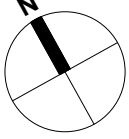
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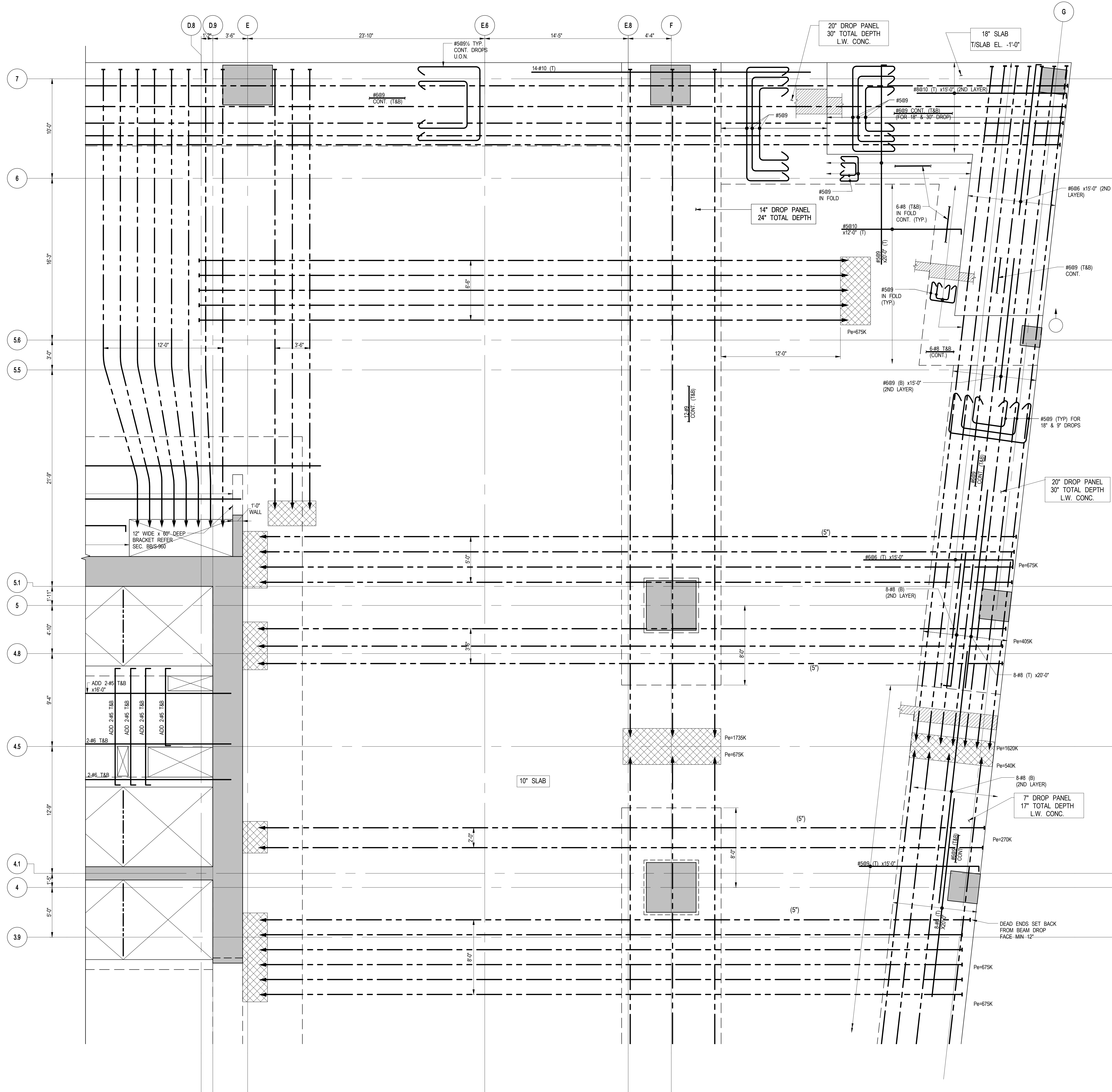
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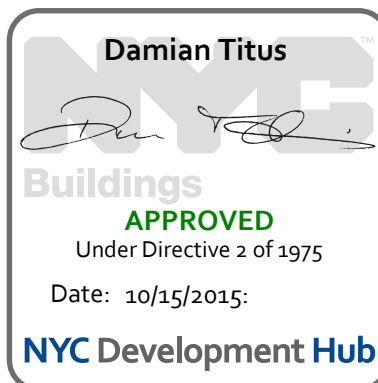
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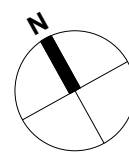
1 PART PLAN AT 5TH FLOOR (MARKETING 05)  
SCALE: 1/4" = 1'-0"  
NOTE:  
FOR BALANCE OF INFORMATION SEE 4TH/5TH FLOOR CORRESPONDING  
OVERALL FRAMING PLAN AND PART PLANS.



Issue Date:	04/03/2015
Project No:	1305480
Drawn By:	CADD
Sheet Number:	1305480-S-054

5TH FLOOR  
(MARKETING 05)  
FRAMING PLAN PART 4

Sheet Number  
**S-054.00**





55 HUDSON YARDS

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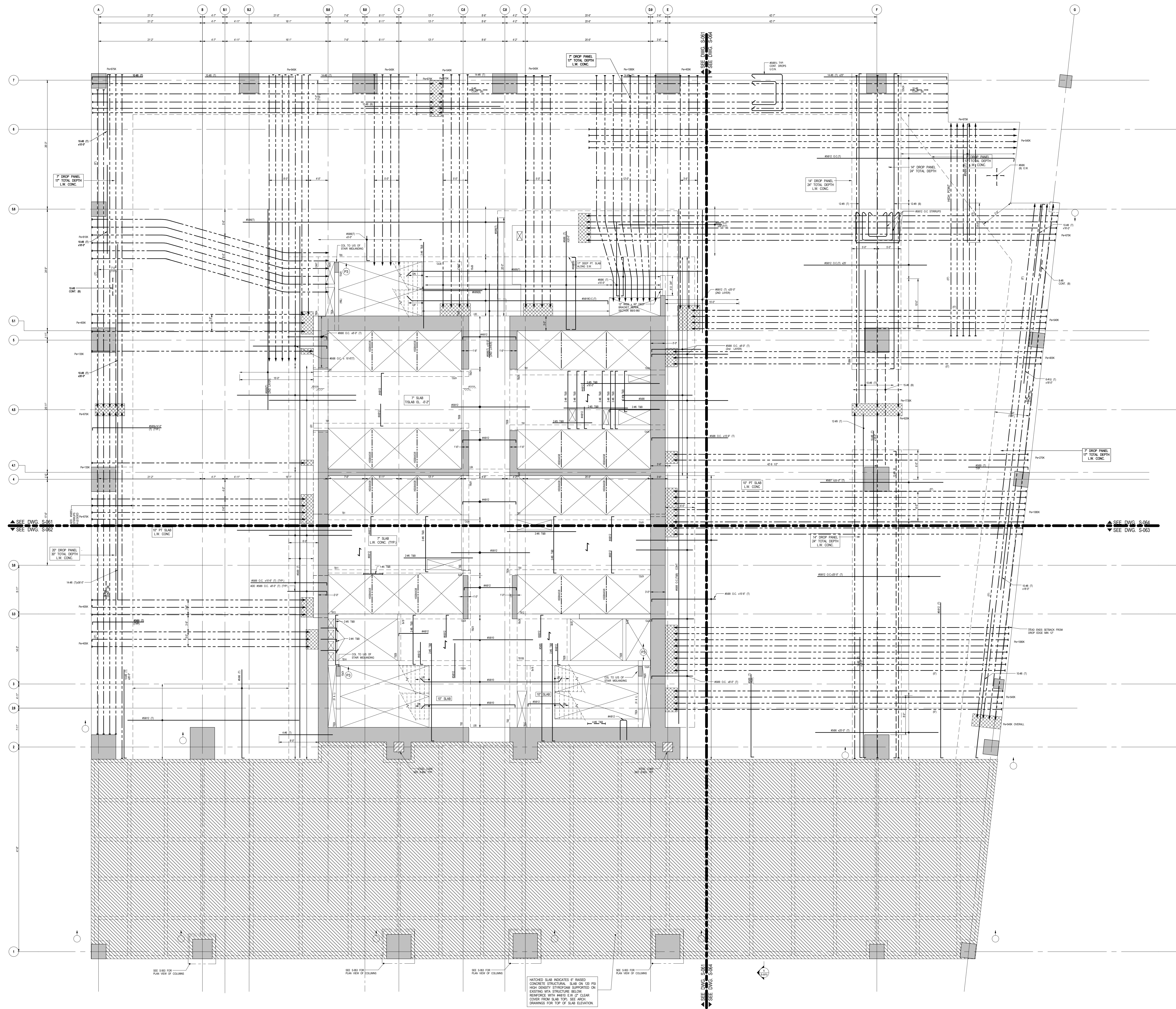
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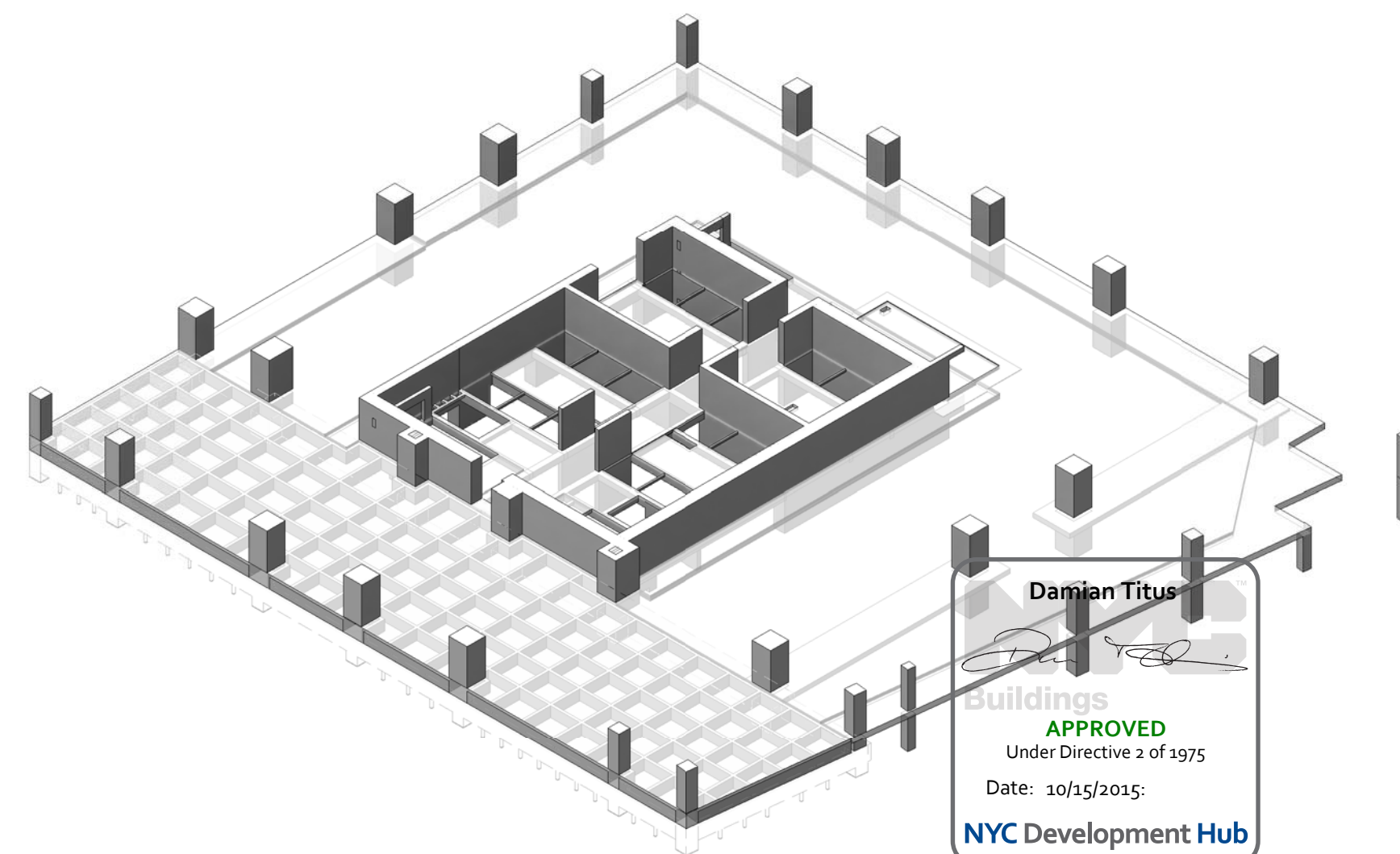
1 6TH FLOOR (MARKETING 06) FRAMING PLAN  
SCALE: 1/8" = 1'-0"

- NOTES
1. FLOOR ELEVATION @ 116'-1" U.O.N. THUS   ON PLAN.
  2. SLAB TO BE 10" THICK PT LIGHT-WEIGHT CONCRETE U.O.N. THUS   ON PLAN.
  3. BOTTOM MAT REINF. TO BE:  
#4@10" EW CONT. FOR 10" RC SLAB INSIDE CORE.  
#5@12" EW CONT. FOR 10" PT SLAB.  
#5@10" EW CONT. FOR 10" PT SLAB.  
#4@10" CONT. MAIN BARS AND #4@14" CONT. FOR TEMPERATURE BARS FOR 7" RC SLAB INSIDE CORE.
  4. FOR BALANCE OF NOTES SEE DWG. FD-120.

MATERIAL NOTES

1. ALL SLABS TO BE LIGHT-WEIGHT CONCRETE  
(MAXIMUM DENSITY 120lb/cu yd AND PC = 7000 psi)
2. ALL COLUMN AND SHEAR WALLS TO BE NORMAL WEIGHT CONCRETE.

LOAD TABLE (OUTSIDE CORE AREA)			
DL	SDL	LL	FACADE
SLAB WEIGHT (WRES)	70 PSF	100 PSF	210 PLF



3D VIEW

No.	Description	Date
1	D.O.B. BUILDING PERMIT FILING	05/01/2015
	100% CONSTRUCTION DOCUMENTS	04/03/2015

Form with fields for Title, Date, Project No., Drawn By, and Sheet Number.

Title: 55 HUDSON YARDS  
Date: 04/03/2015  
Project No.: 1305480  
Drawn By: CADD  
Sheet Number: 1305480-S-060

6TH FLOOR (MARKETING 06) FRAMING PLAN

S-060.00



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Key: 0000

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1. *Journal of the American Medical Association*, 2000; 284: 2689-2694.

**Abstract**

1. *Journal of the American Medical Association*, 2000; 284: 2689-2694.

**Abstract**

1. *Journal of the American Medical Association*, 2000; 284: 2689-2695.

**Abstract**

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**Abstract**

1. *Journal of the American Medical Association*, 2000; 284: 2689-2695.

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Issue Date: **04/03/2015**

Project No. 1305480

Sheet Number **CADD**

1305480-S-061

Q. 1. What is the value of  $\sin^{-1}(\sin \frac{5\pi}{6})$ ?

## 6TH FLOOR

(MARKETING 06)

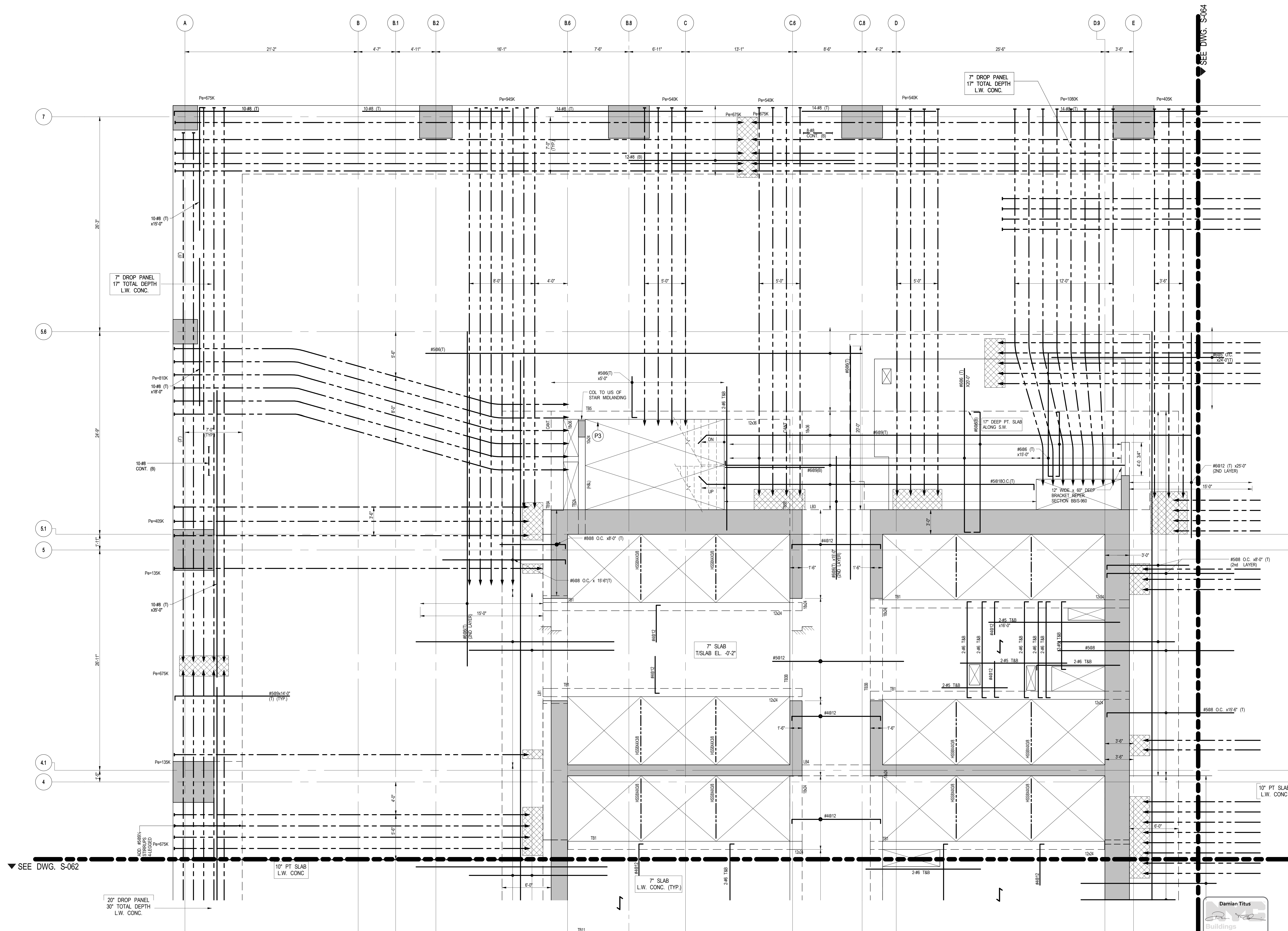
## FRAMING PLAN PART

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SEE DWG. S-064

▼ SEE DWG. S-062

20" DROP PANEL  
30" TOTAL DEPTH  
L.W. CONC.

10" PT SLAB  
L.W. CONC

7" SLAB  
L.W. CONC. (TYP.)

**Damian Titus**  
  
**Buildings**  
**APPROVED**  
Under Directive 2 of 1975  
Date: 10/15/2015:  
**NYC Development Hu**

1 6TH FLOOR (MARKETING 06) FRAMING PLAN PART 1  
S-061 SCALE: 1/4" = 1'-0"

**NOTE:**  
FOR BALANCE OF INFORMATION SEE CORRESPONDING  
OVERALL FRAMING PLAN.

## 6TH FLOOR (MARKETING 06) FRAMING PLAN PART

**S-061.00**

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S-061  
6TH FLOOR (MARKETING 06) FRAMING PLAN PART 1  
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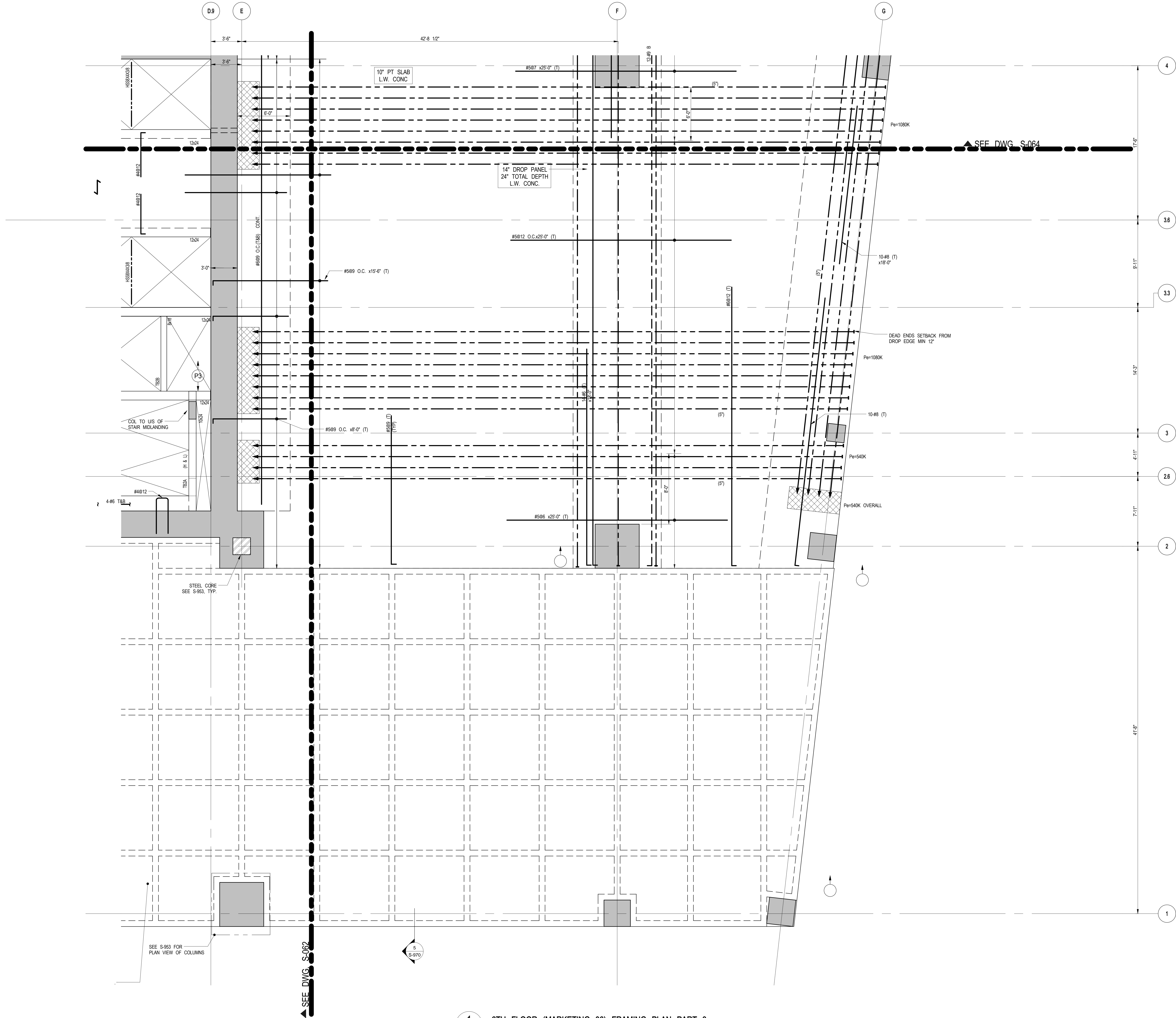
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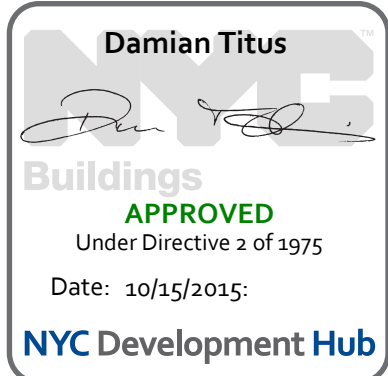
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1 6TH FLOOR (MARKETING 06) FRAMING PLAN PART 3  
S-063 SCALE: 1/4" = 1'-0"

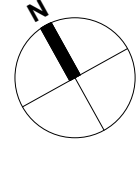
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Issue Date: 04/03/2015  
Project No: 1305480  
Drawn By: CADD  
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Drawing Title  
6TH FLOOR  
(MARKETING 06)  
FRAMING PLAN PART 3

Drawing Number  
S-063.00











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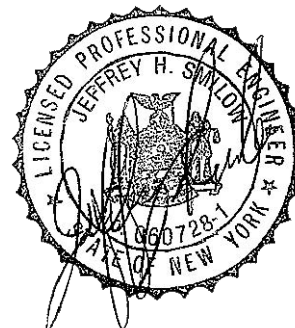
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No.	Description	Date
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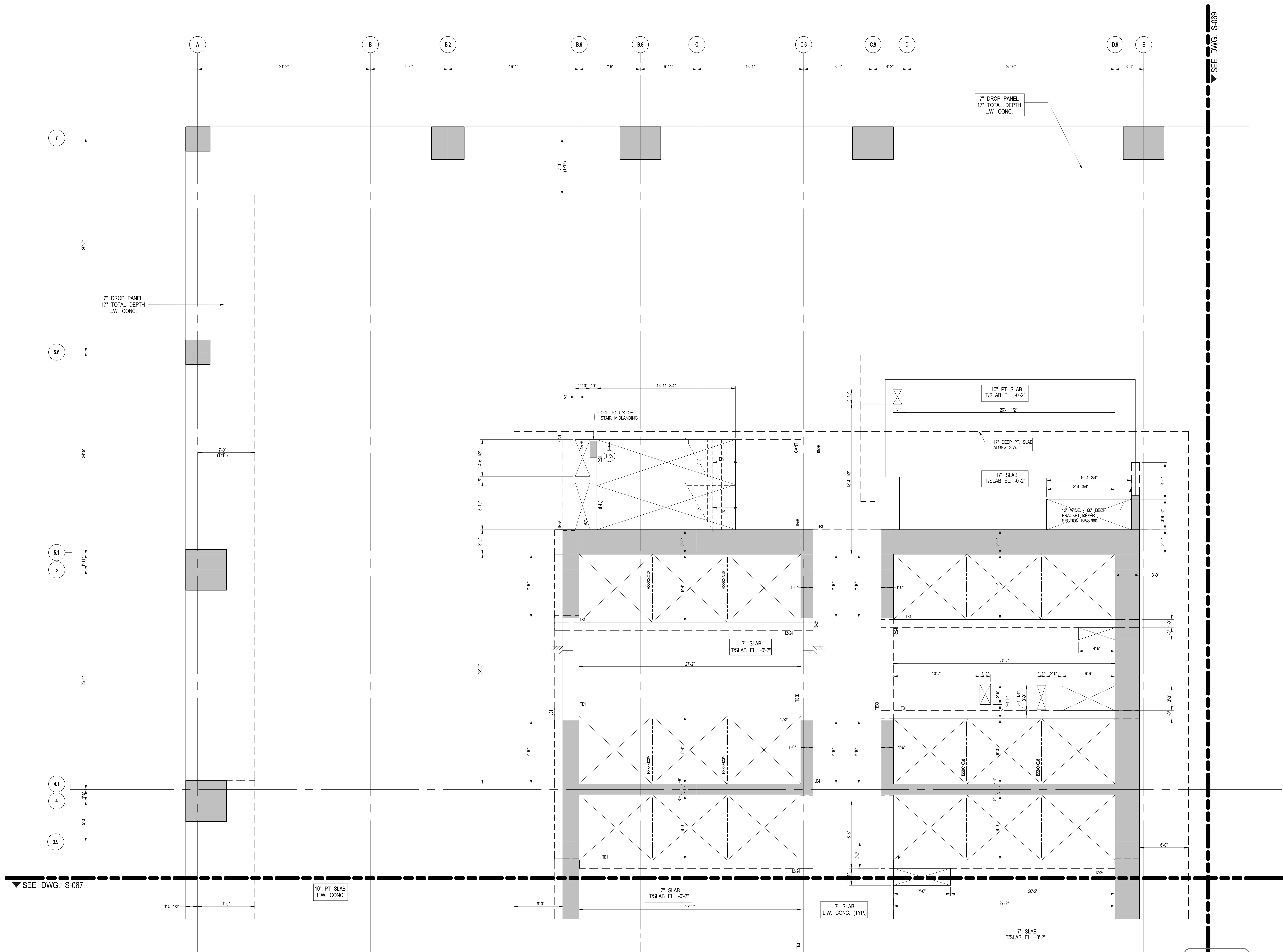
Key Plan

Issue Date: 04/03/2015  
Project No: 1305480  
Drawn By: CADD  
Sheet Number: 1305480-S-066



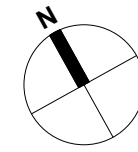
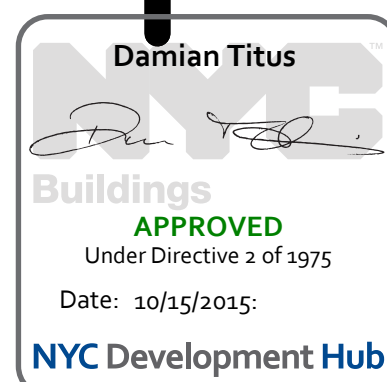
6TH FLOOR  
(MARKETING 06) G.A.  
PLAN PART 1

S-066.00



1 6TH FLOOR (MARKETING 06) G.A. PLAN PART 1  
S-066 SCALE: 1/4" = 1'-0"

NOTE:  
FOR BALANCE OF INFORMATION SEE CORRESPONDING  
OVERALL FRAMING PLAN.







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No.	Description	Date
1	D.O.B. BUILDING PERMIT FILING	05/01/2015
	100% CONSTRUCTION DOCUMENTS	04/03/2015

Key Plan

Issue Date: 04/03/2015  
Project No: 1305480  
Drawn By: CADD  
Sheet Number: 1305480-S-067

Drawing Title  
6TH FLOOR (MARKETING 06) G.A. PLAN PART 2

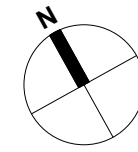
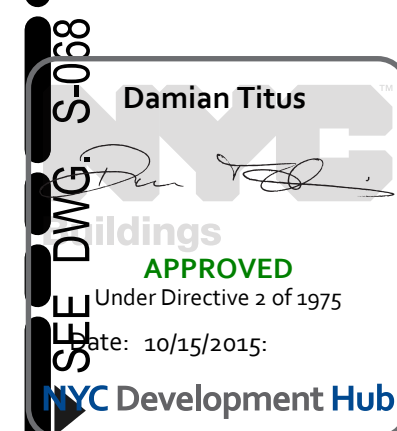
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S-067.00

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1 6TH FLOOR (MARKETING 06) G.A. PLAN PART 2  
SCALE: 1/4" = 1'-0"

NOTE:  
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OVERALL FRAMING PLAN.





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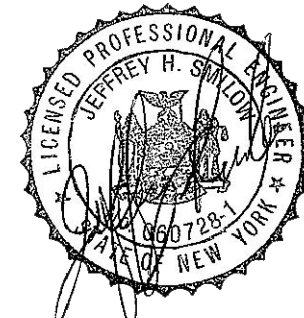
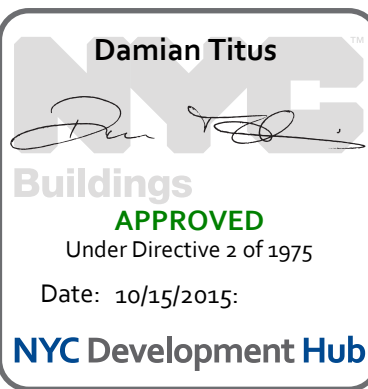
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**1** **6TH FLOOR (MARKETING 06) G.A. PLAN PART 3**  
 S-068 SCALE: 1/4" = 1'-0"  
NOTE:  
 FOR BALANCE OF INFORMATION SEE CORRESPONDING  
 OVERALL FRAMING PLAN.

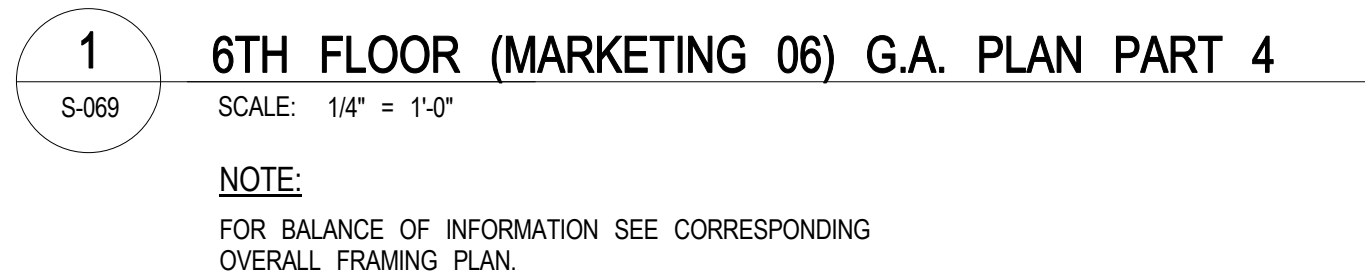


Issue Date:	04/03/2015
Project No.	1305480
Drawn By	CADD
Sheet Number	1305480-S-068

Drawing Title  
**6TH FLOOR  
(MARKETING 06) G.A.  
PLAN PART 3**

**S-068.00**






Issue Date: **04/03/2015**

Project No. **1305480**

Drawn By **CADD**

Sheet Number **1305480-S-069**



6TH FLOOR  
(MARKETING 06) G.A.  
PLAN PART 4

*Drawing Number*  
**S-069.00**



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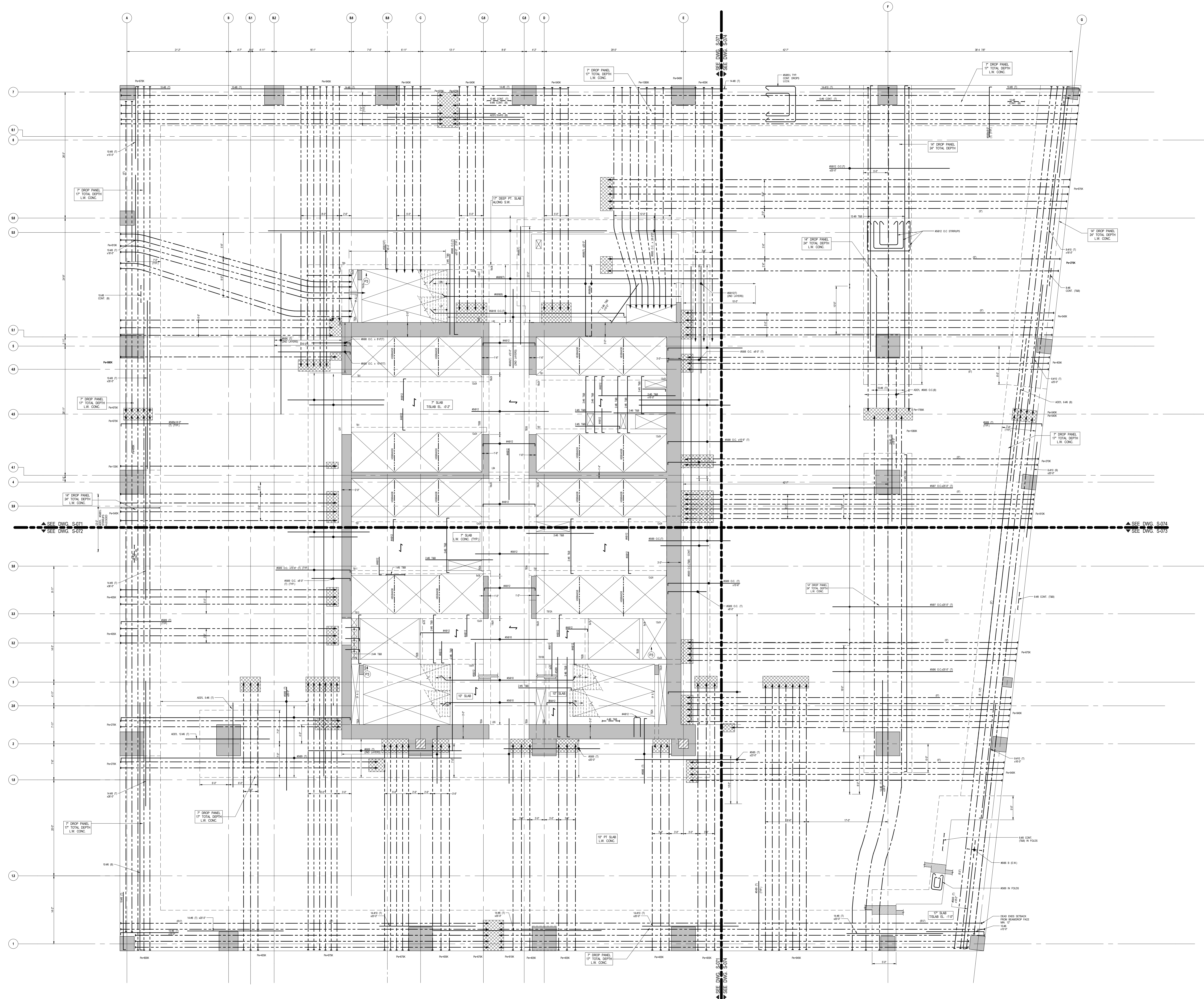
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1 7TH FLOOR (MARKETING 06) FRAMING PLAN  
S-070 SCALE: 1/8" = 1'-0"

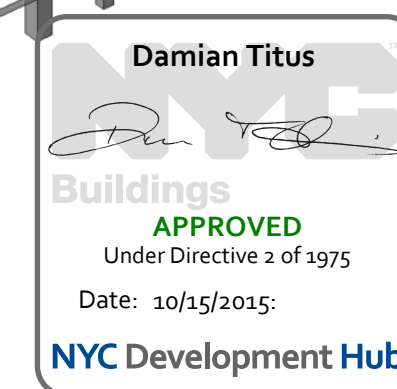
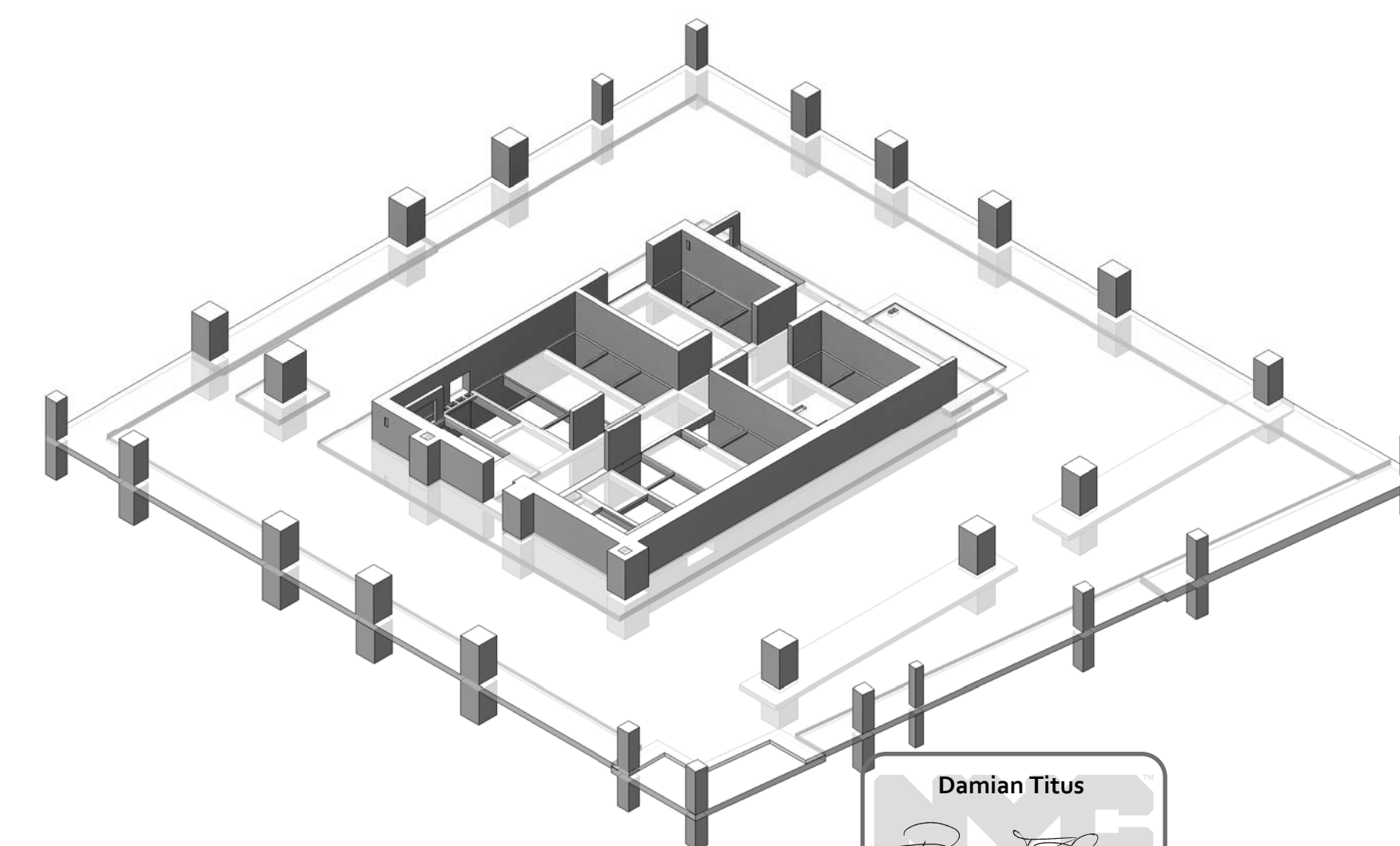
NOTES:

1. SLAB ELEVATION @ 125'-0" U.O.N. THIS ON PLAN.
2. SLAB TO BE 10" THICK 17' LIGHTWEIGHT CONCRETE U.O.N. THIS ON PLAN.
3. BOTTOM MAT REINFORCEMENT TO BE:  
#4@10' EW CONT. FOR 10' RC SLAB INSIDE CORE.  
#4@10' EW CONT. FOR 10' FT SLAB.  
#4@10' CONT. MAIN BARS AND #4@14 CONT. TEMPERATURE BARS FOR 17' RC SLAB INSIDE CORE.
4. FOR BALANCE OF NOTES SEE DWG. FD-120.

MATERIAL NOTES

1. ALL SLABS TO BE LIGHT-WEIGHT CONCRETE (MAXIMUM DENSITY 120lb/cu ft AND  $f_c = 7000$  psi).
2. ALL COLUMNS AND SHEAR WALLS TO BE NORMAL WEIGHT CONCRETE.

LOAD TABLE (OUTSIDE CORE AREA)			
DL	SDL	LL	FACADE
SLAB WEIGHT (W/RES)	70 PSF	100 PSF	210 PLF



Issue Date 04/03/2015  
Project No. 1305480  
Drawn By CADD  
Sheet Number 1305480-S-070

7TH FLOOR  
(MARKETING 07)  
FRAMING PLAN

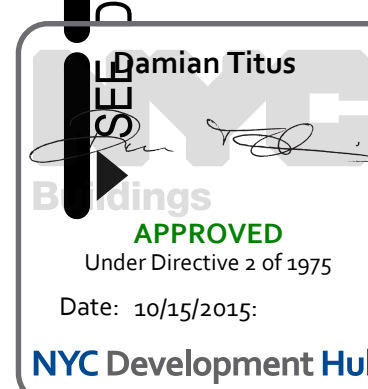
Drawn By

S-070.00









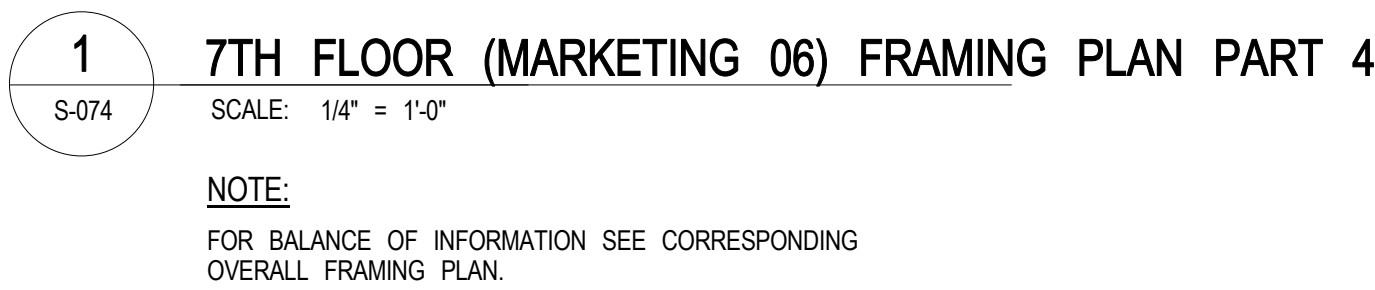
**NOTE:**  
FOR BALANCE OF INFORMATION SEE CORRESPONDING  
OVERALL FRAMING PLAN.

*Drafting Number*  
**S-072.00**













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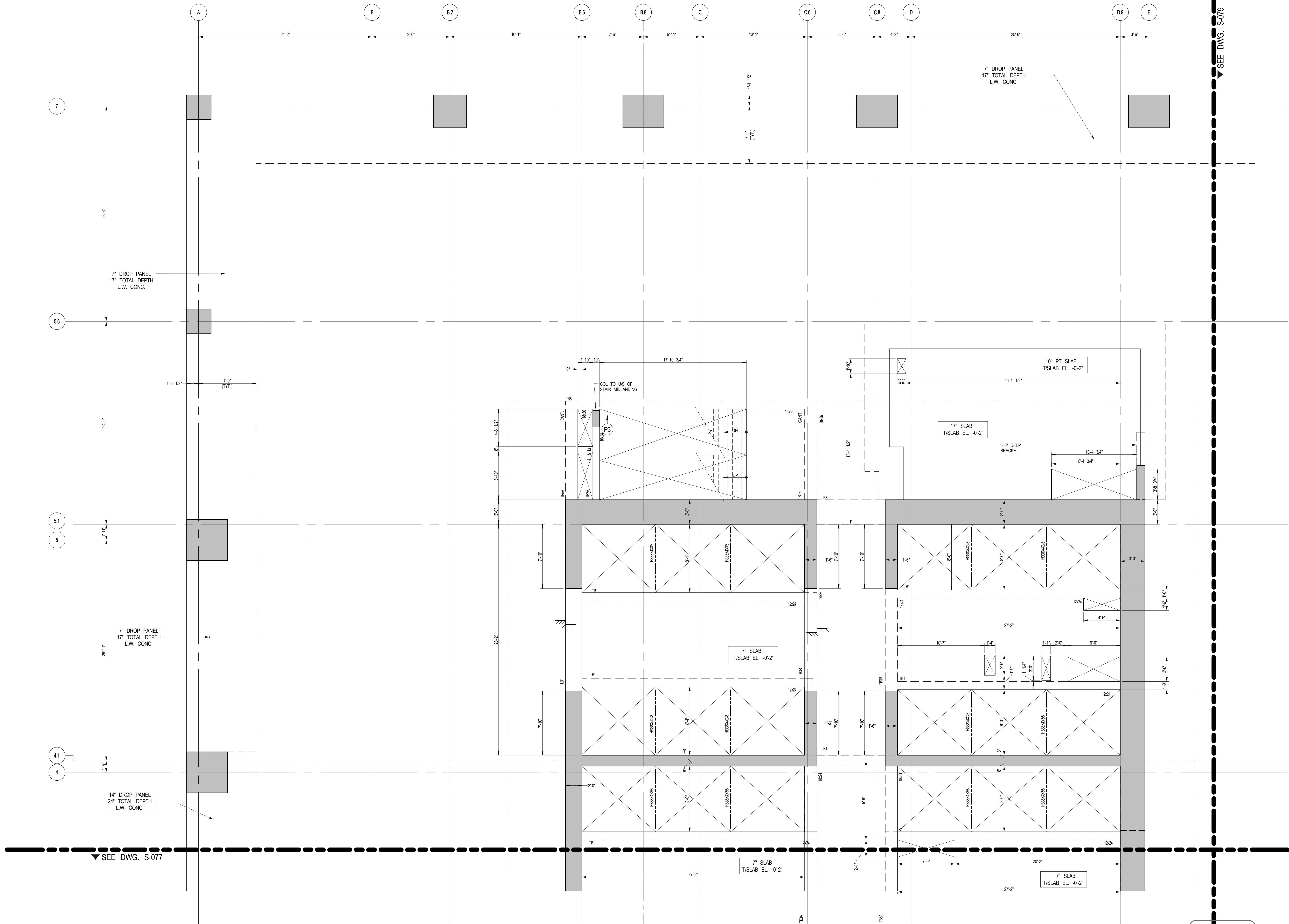
No.	Description	Date
1	D.O.B. BUILDING PERMIT FILING	05/01/2015
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Key Plan

Issue Date: 04/03/2015  
Project No: 1305480  
Drawn By: CADD  
Sheet Number: 1305480-S-076

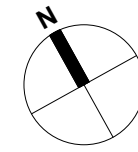
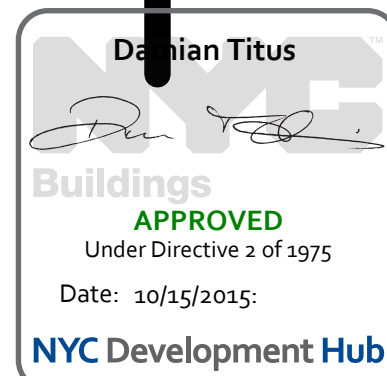
7TH FLOOR (MARKETING 07) G.A. PLAN PART 1

S-076.00

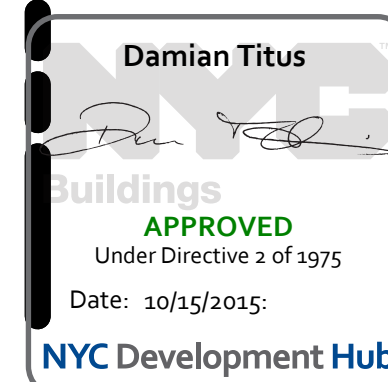


1 7TH FLOOR (MARKETING 06) G.A. PLAN PART 1  
SCALE: 1/4" = 1'-0"

NOTE:  
FOR BALANCE OF INFORMATION SEE CORRESPONDING  
OVERALL FRAMING PLAN.









## 55 HUDSON YARDS

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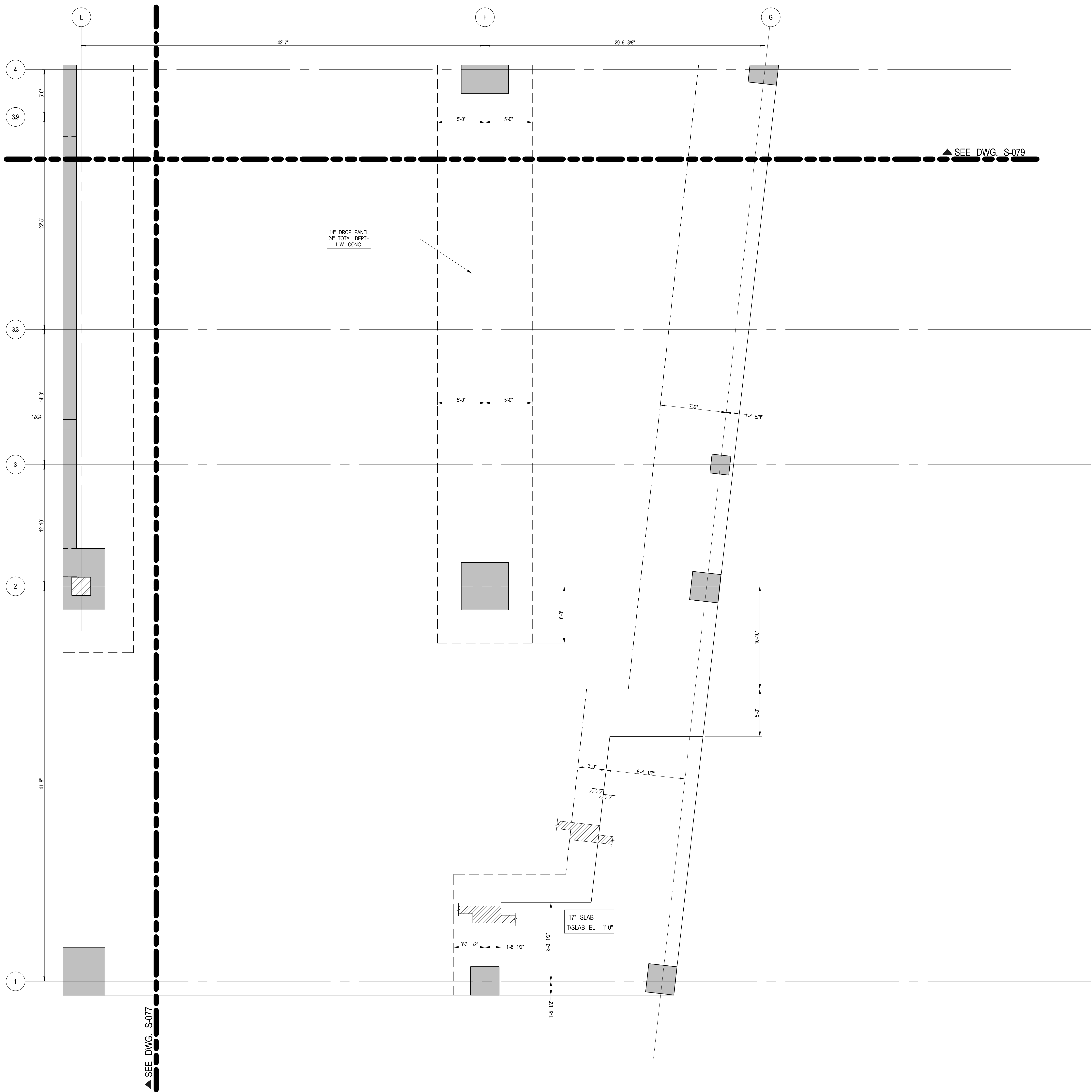
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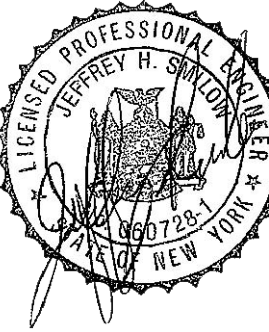
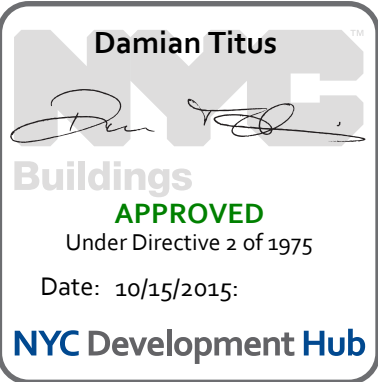
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1 7TH FLOOR (MARKETING 06) G.A. PLAN PART 3

SCALE: 1/4" = 1'-0"

**NOTE:**  
FOR BALANCE OF INFORMATION SEE CORRESPONDING  
OVERALL FRAMING PLAN.



Issue Date:	04/03/2015
Project No.	1305480
Drawn By	CADD
Sheet Number	1305480-S-078

*Downing Title*  
**7TH FLOOR  
(MARKETING 07) G.A.  
PLAN PART 3**

*Drawing Number*  
**S-078.00**



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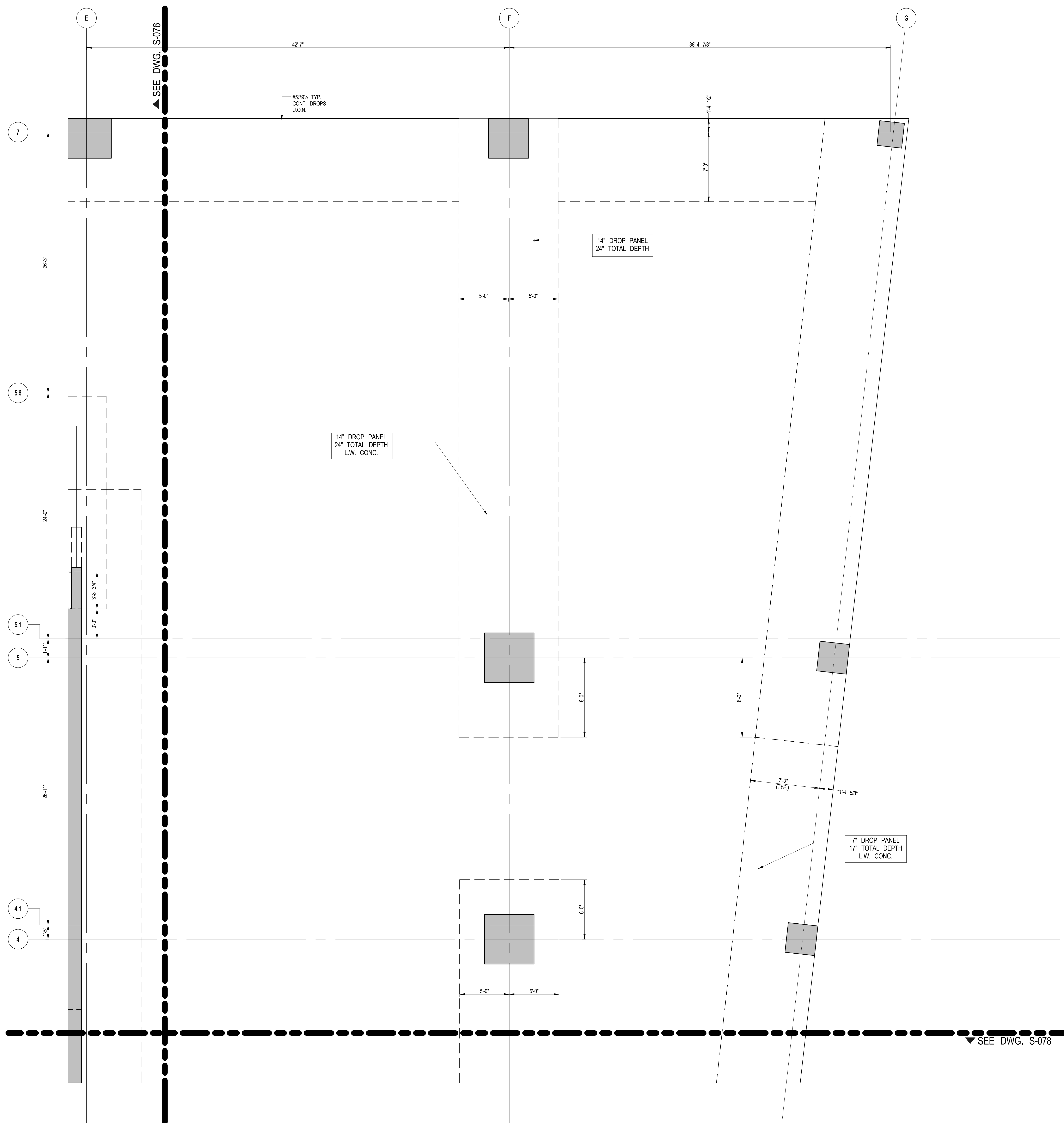
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	100% CONSTRUCTION DOCUMENTS	04/03/2015

*Key Plan*

Issue Date:	04/03/2015
Project No.	1305480
Drawn By	CADD
Sheet Number	1305480-S-079

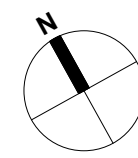
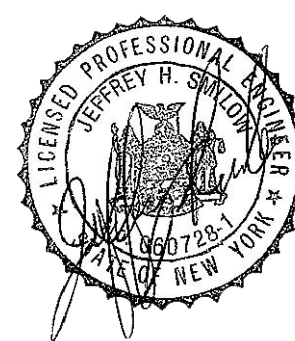
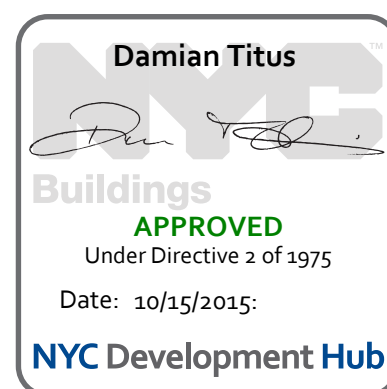
## 7TH FLOOR (MARKETING 07) G.A. PLAN PART 4

*Drafting Number*  
**S-079.00**



1 7TH FLOOR (MARKETING 06) G.A. PLAN PART 4  
S-079 SCALE: 1/4" = 1'-0"

NOTE:  
FOR BALANCE OF INFORMATION SEE CORRESPONDING  
OVERALL FRAMING PLAN.







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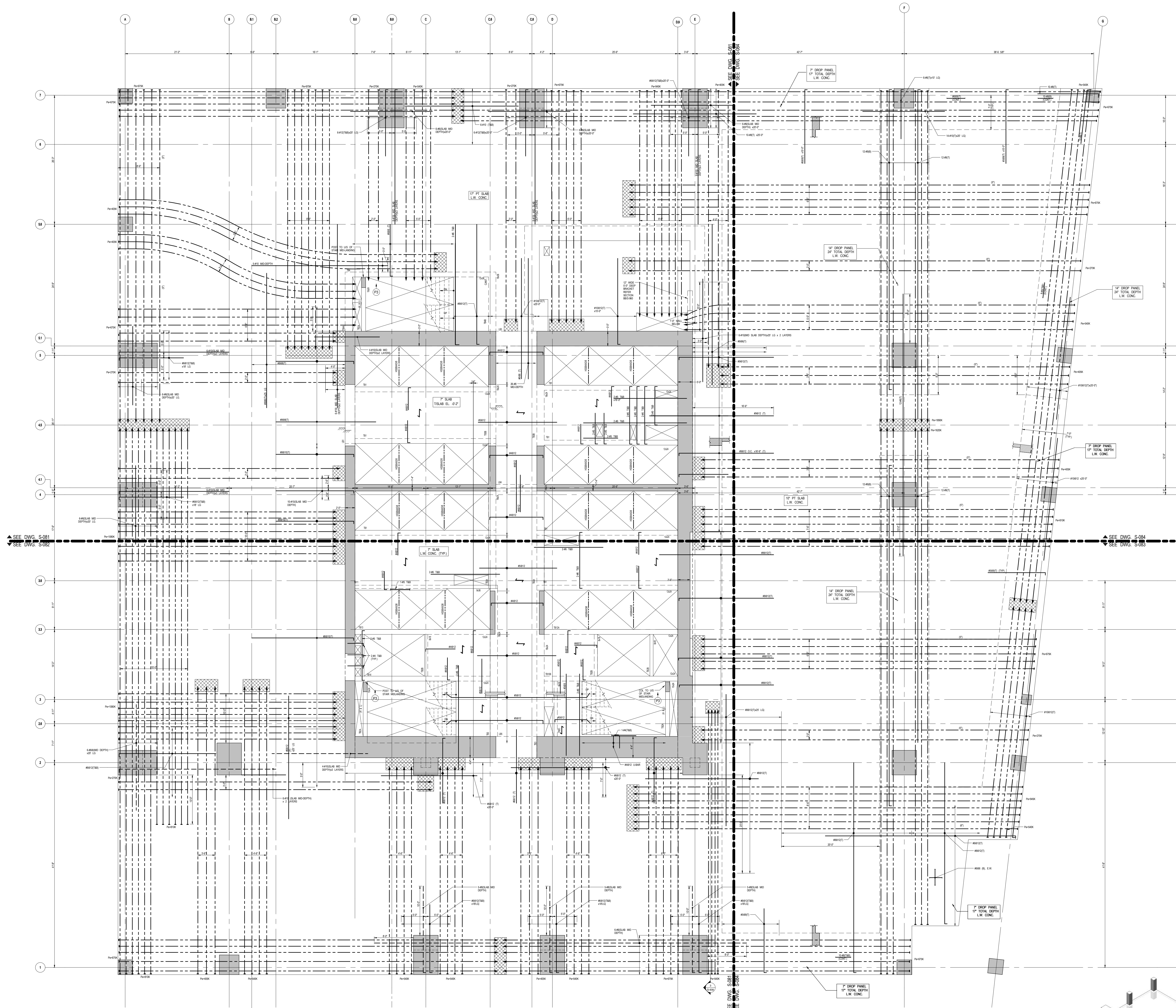
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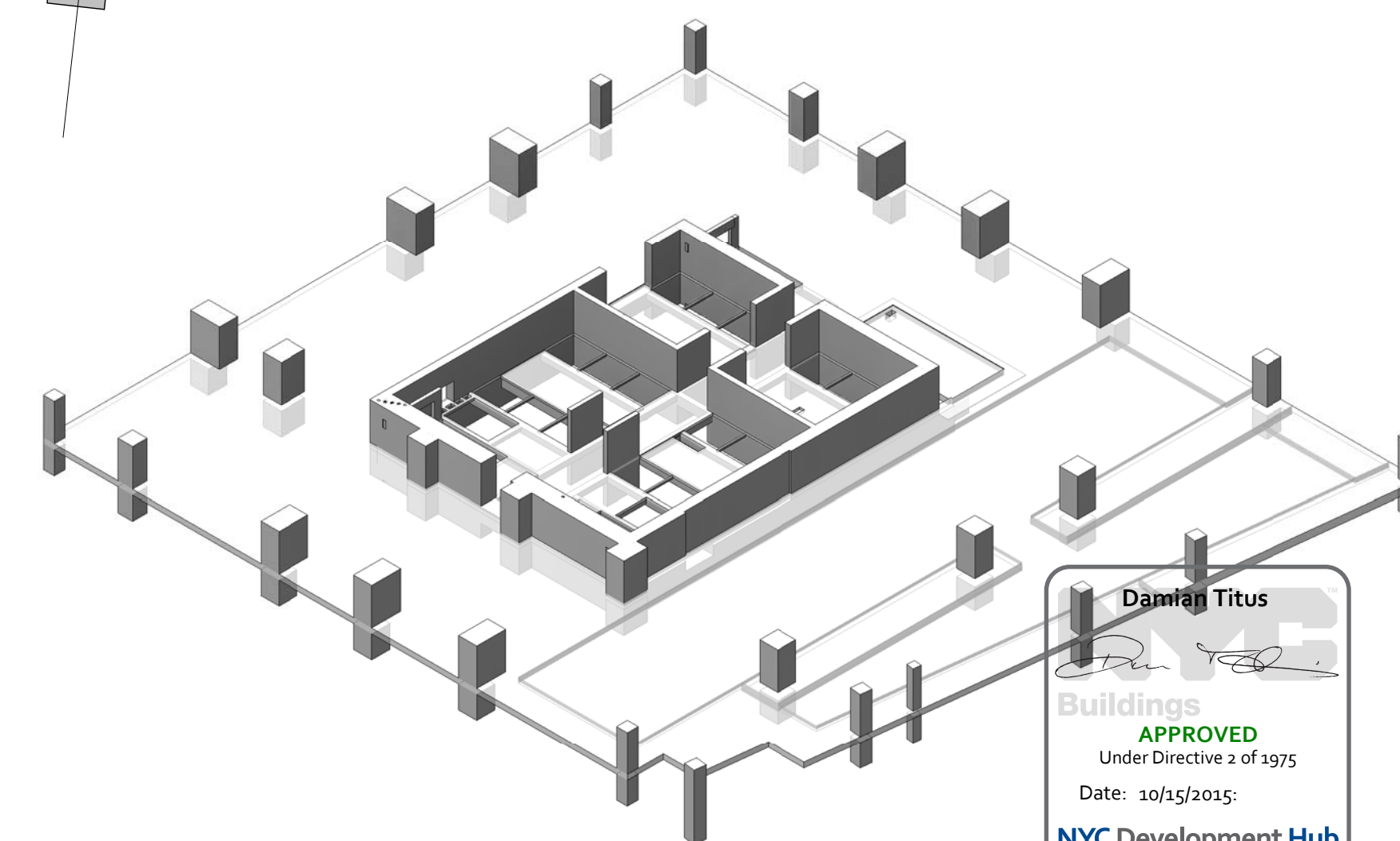
1 8TH FLOOR (MARKETING 08) FRAMING PLAN  
SCALE: 1/8" = 1'-0"

- NOTES
1. TISLAB ELEVATION @ 142'-7" U.O.M. THIS [ ] ON PLAN.
  2. SLAB TO BE 17" THICK PT LT WT CONC. U.O.N. THIS [ ] ON PLAN.
  3. BOTTOM MAT REINF. TO BE:  
#5@12 E.W. CONT. FOR 17" PT SLAB  
#5@12 E.W. CONT. FOR 10" RC SLAB  
#4@10 E.W. CONT. FOR 10" RC SLAB  
#4@10 CONT. MAIN BARS AND #4@14 CONT. TEMPERATURE BARS FOR 7" RC SLAB
  4. TOP MAT REINF. TO BE #5@12 E.W. CONT. FOR 17" PT SLAB
  5. FOR BALANCE OF NOTES SEE DWG. FO-120.

MATERIAL NOTES

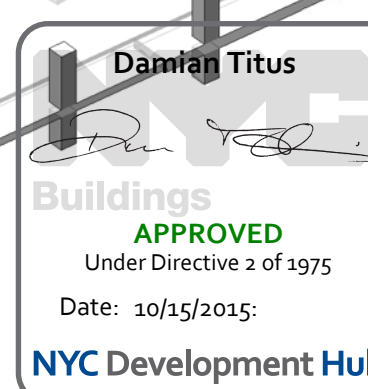
1. ALL SLABS TO BE LIGHT-WEIGHT CONCRETE (MAXIMUM DENSITY 120PC AND  $f_c = 7000$  PSI)
2. ALL COLUMNS AND SHEAR WALLS TO BE NORMAL WEIGHT CONCRETE.

LOAD TABLE (OUTSIDE CORE AREA)			
DL	SDL	LL	FACADE
SLAB WEIGHT (W/REIN)	70 PSF	100 PSF	210 PLF



3D VIEW

Issue Date 04/03/2015  
Project No. 1305480  
Drawn By CAD  
Sheet Number 1305480-S-080



8TH FLOOR  
(MARKETING 08)  
FRAMING PLAN

Drawn By

S-080.00





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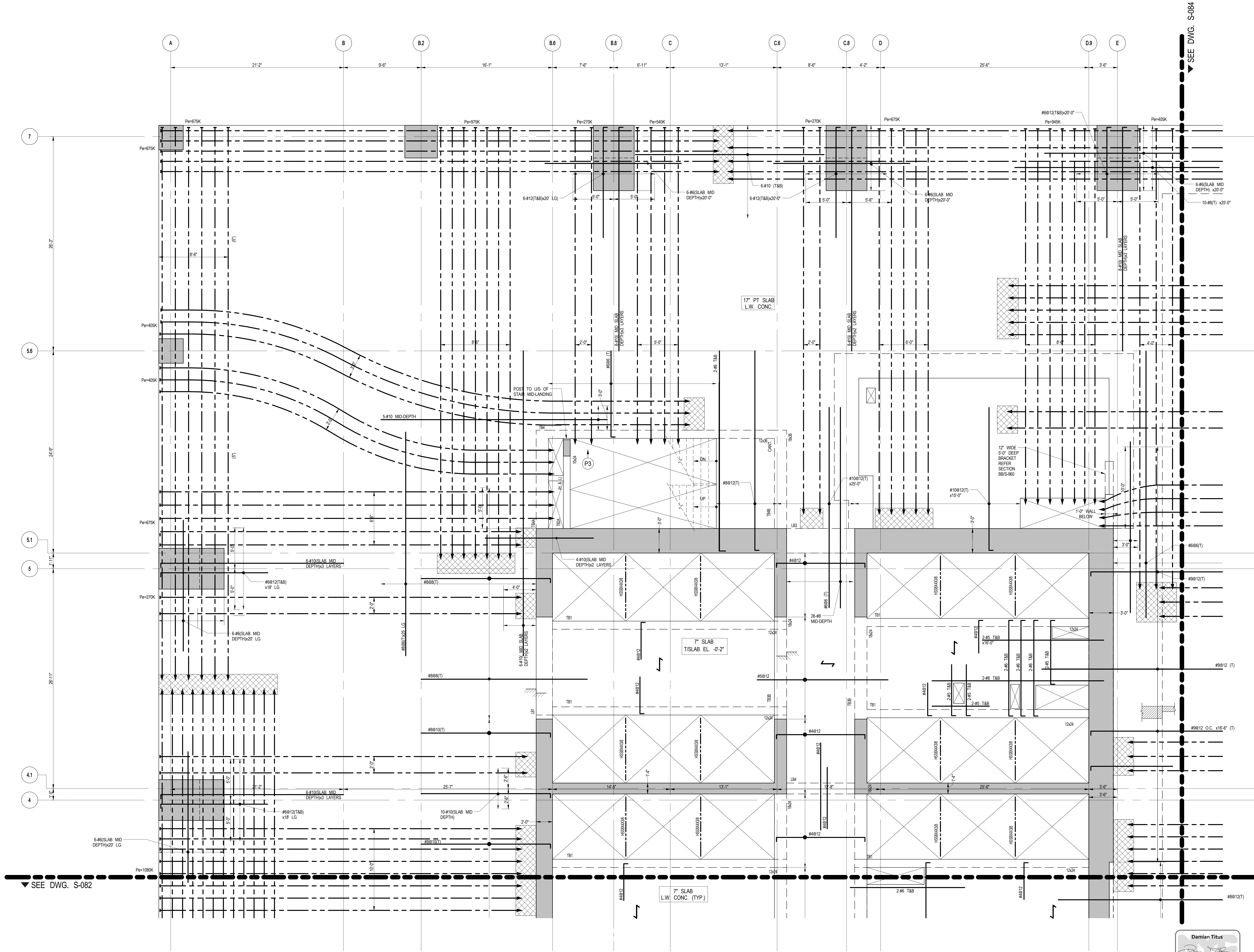
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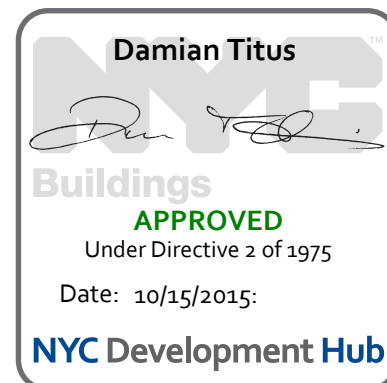
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1 8TH FLOOR (MARKETING 08) FRAMING PLAN PART 1  
S-081 SCALE: 1/4" = 1'-0"

NOTE:  
FOR BALANCE OF INFORMATION SEE CORRESPONDING  
OVERALL FRAMING PLAN.



Issue Date: 04/03/2015  
Project No: 1305480  
Drawn By: CADD  
Sheet Number: 1305480-S-081

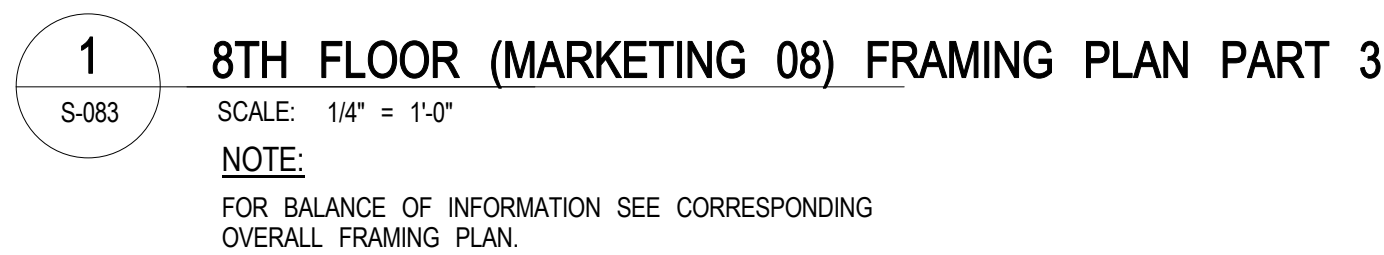
8TH FLOOR  
(MARKETING 08)  
FRAMING PLAN PART 1

Sheet Number  
S-081.00







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100

Issue Date: **04/03/2015**

Drawn By **CADD**

1305480-S-083

Drawing Title  
**8TH FLOOR**

(MARKETING 08)

### TRAINING PLAN PART 3

002 00

**5 005.00**

\_\_\_\_\_





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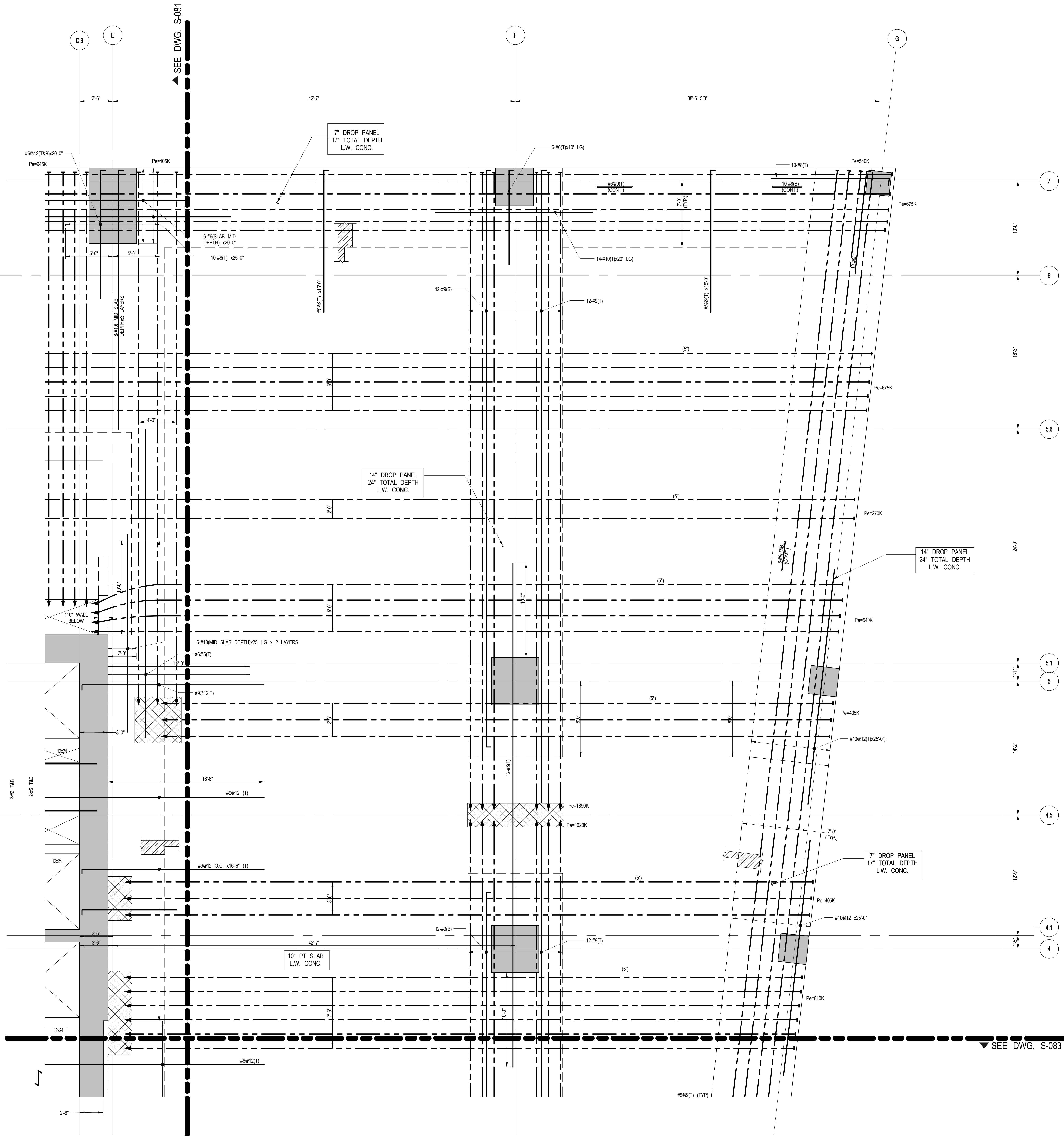
No.	Description	Date
1	D.O.B. BUILDING PERMIT FILING	05/01/2015
	100% CONSTRUCTION DOCUMENTS	04/03/2015

Key Plan

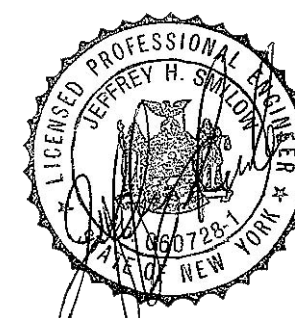
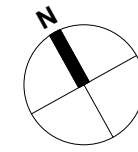
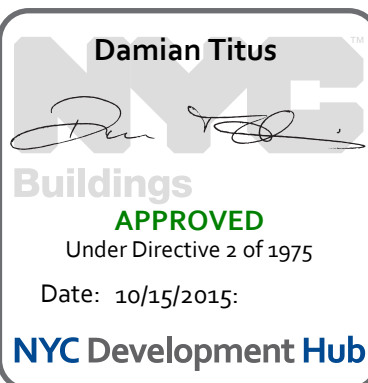
Issue Date: 04/03/2015  
Project No: 1305480  
Drawn By: CADD  
Sheet Number: 1305480-S-084

8TH FLOOR  
(MARKETING 08)  
FRAMING PLAN PART 4

Drawing Number  
**S-084.00**

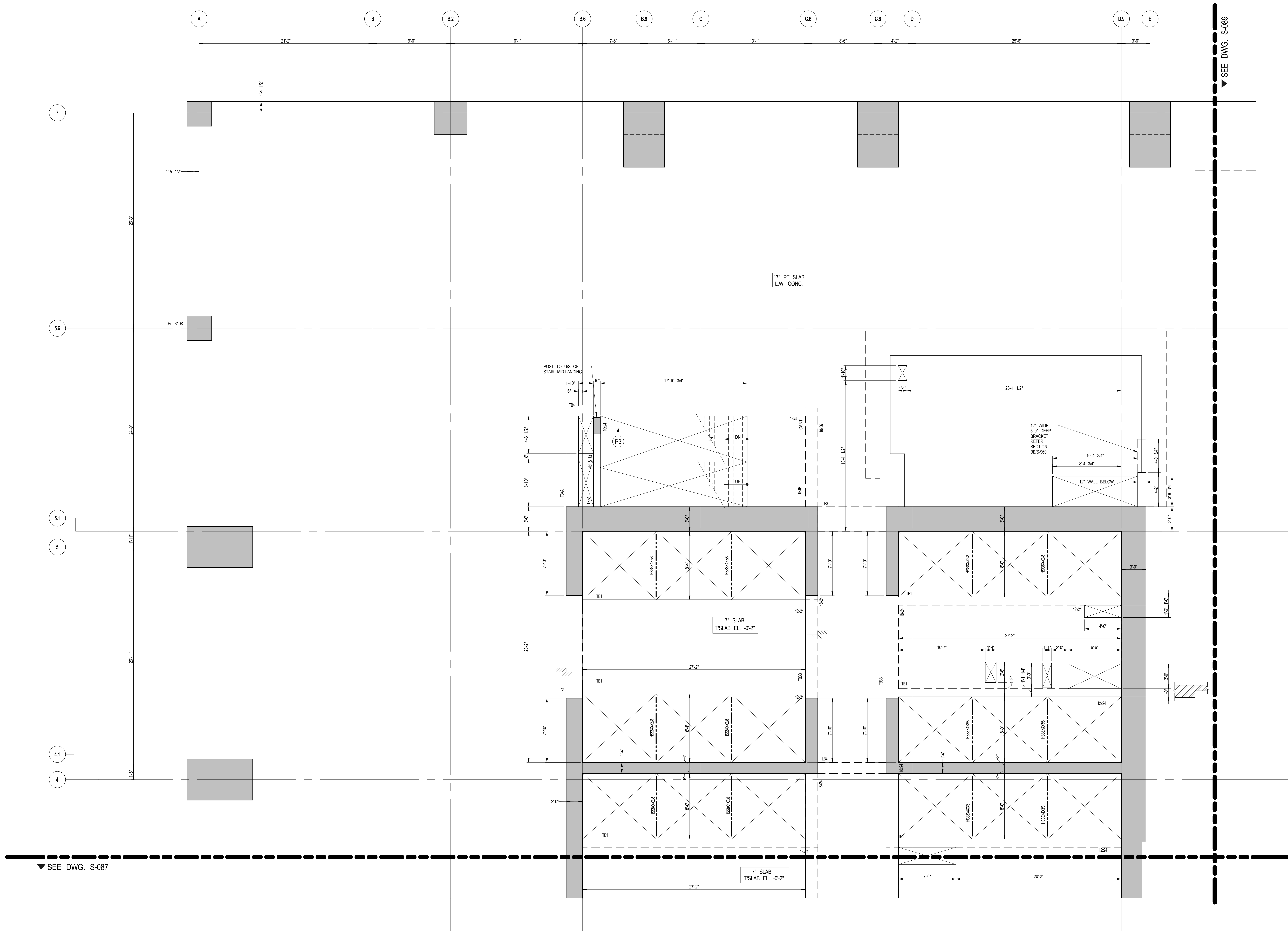


1 8TH FLOOR (MARKETING 08) FRAMING PLAN PART 4  
S-084  
SCALE: 1/4" = 1'-0"  
NOTE:  
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OVERALL FRAMING PLAN



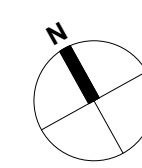
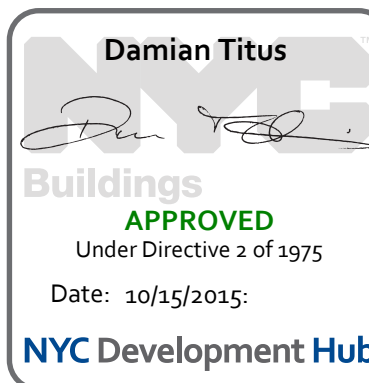


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1  
S-086 8TH FLOOR (MARKETING 08) G.A. PLAN PART 1  
SCALE: 1/4" = 1'-0"

NOTE:  
FOR BALANCE OF INFORMATION SEE CORRESPONDING  
OVERALL FRAMING PLAN.



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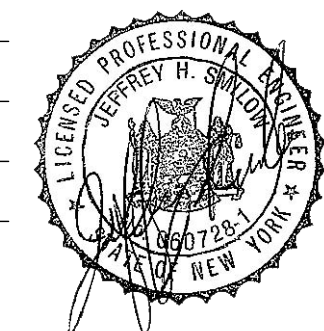
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Key Plan

Issue Date: 04/03/2015  
Project No: 1305480  
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Drawing Title  
8TH FLOOR (MARKETING 08) G.A. PLAN PART 1

Drawing Number  
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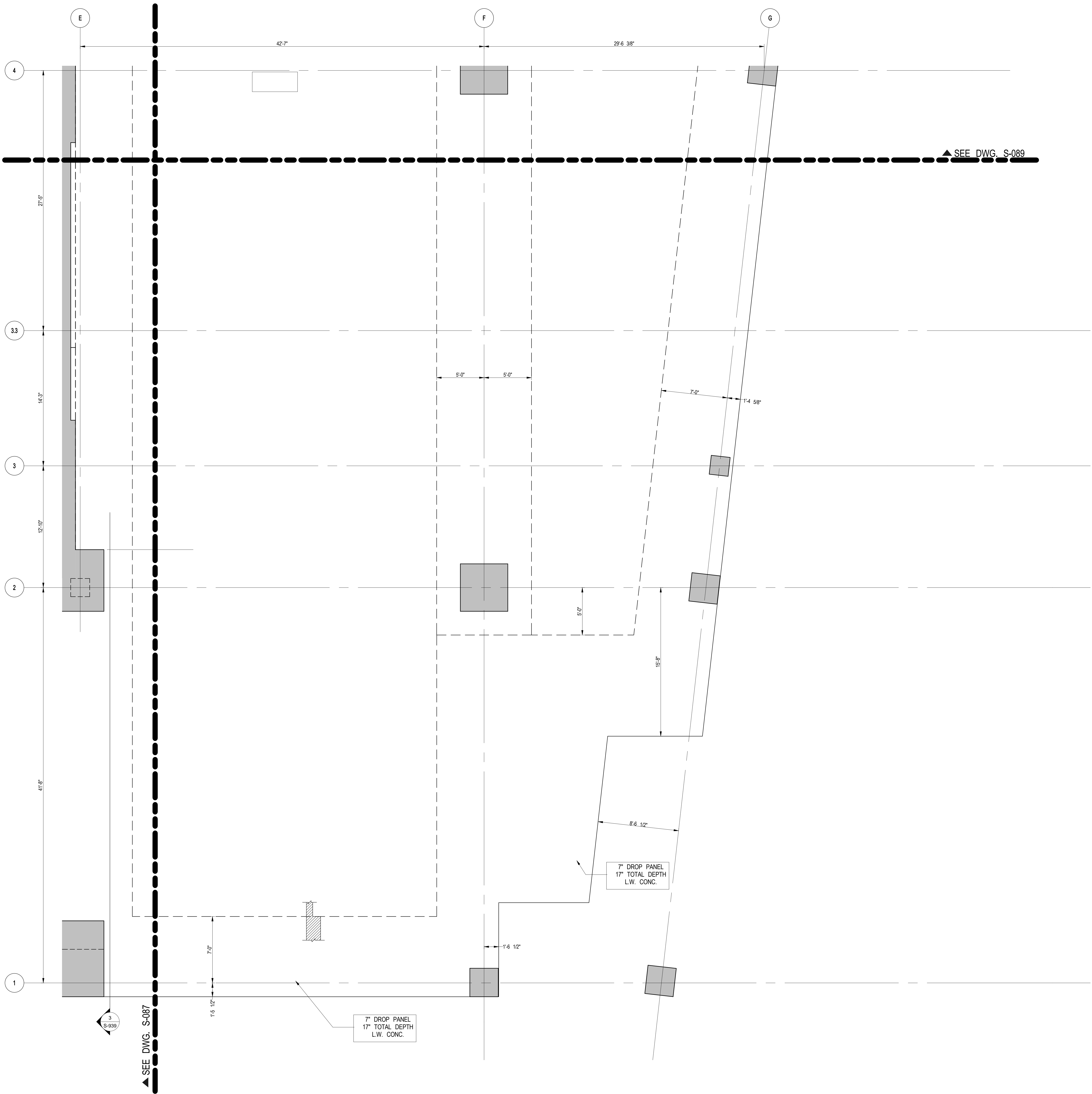
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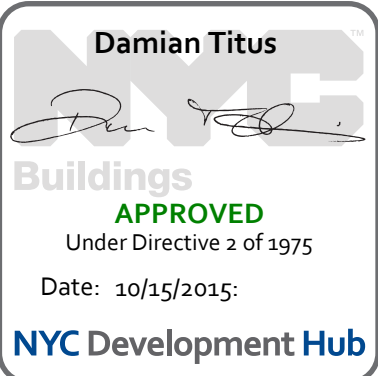
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1  
S-088 8TH FLOOR (MARKETING 08) G.A. PLAN PART 3  
SCALE: 1/4" = 1'-0"

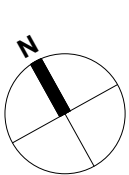
NOTE:  
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OVERALL FRAMING PLAN.



Issue Date: 04/03/2015  
Project No: 1305480  
Drawn By: CADD  
Sheet Number: 1305480-S-088

Drawing Title  
8TH FLOOR  
(MARKETING 08) G.A.  
PLAN PART 3

Drawing Number  
S-088.00











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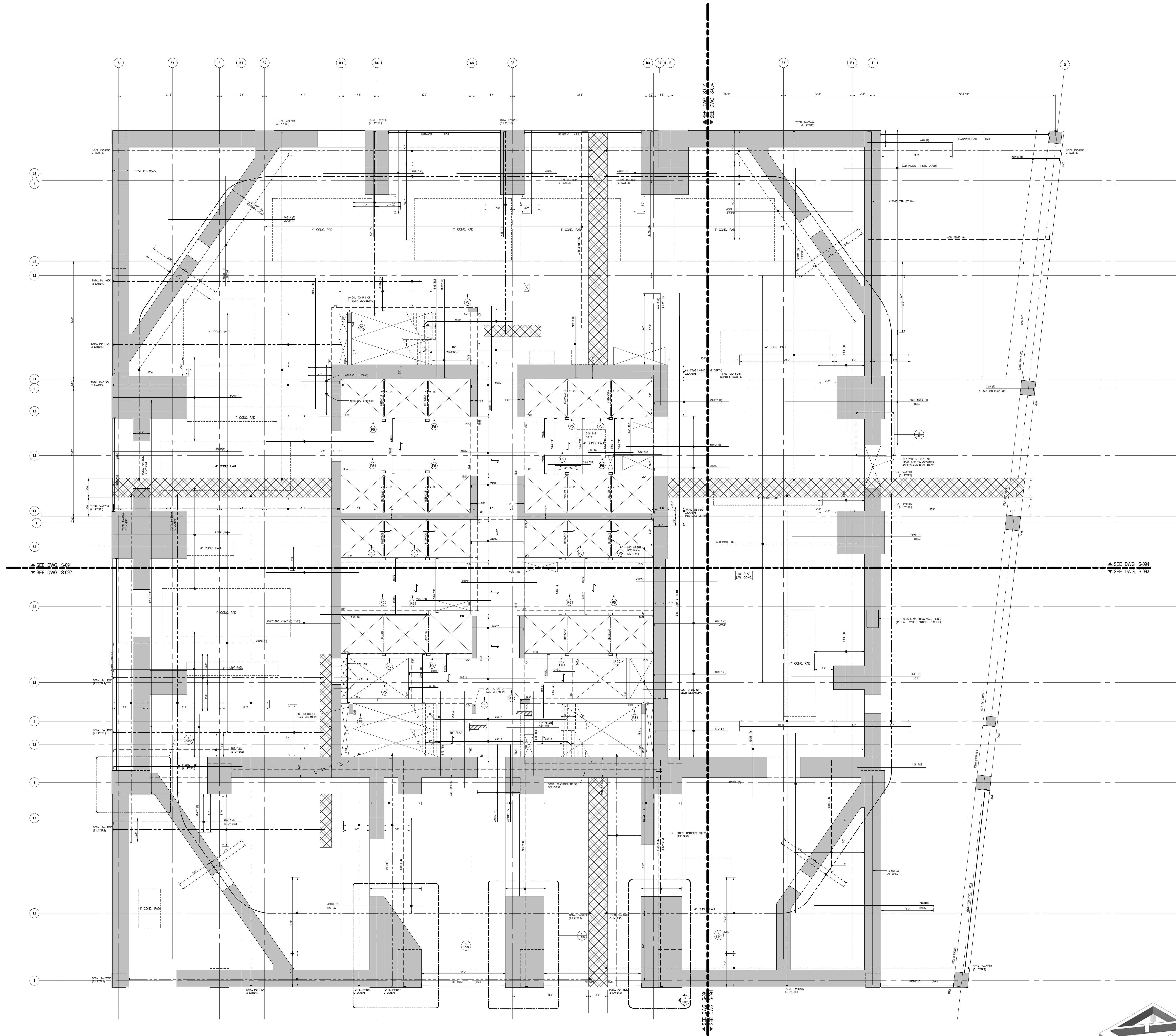
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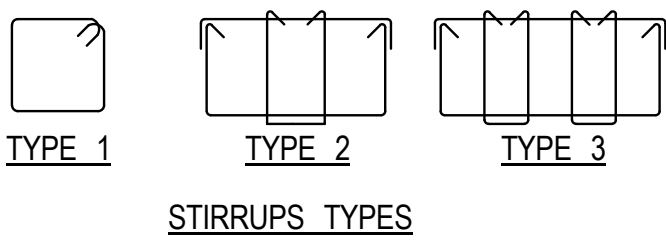
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9TH FLOOR BEAM SCHEDULE										
BEAM MARK	SIZE		REINFORCEMENT							
	W (IN)	D (IN)	BOTTOM	TOP	TOP ADDITIONAL LEFT	TOP ADDITIONAL RIGHT	TYPE	SIZE	END SPACING (IN)	SIDE BARS
90801	36	36	7-#10(2 LAYERS)	6-#10	-	7-#10	3	#5	8	#5#10
90802	36	36	5-#9	6-#10(2 LAYERS)	-	-	3	#5	-	#5#10
90803	36	60	11-#10	10-#10	3-#10	2-#10	3	#5	8	#5#10
90804	36	60	6-#10	10-#10	2-#10	10-#10(2 LAYER)	3	#5	8	#5#10
90805	36	60	11-#10(2 LAYERS)	10-#10	10-#10(2 LAYER)	-	3	#5	8	#5#10



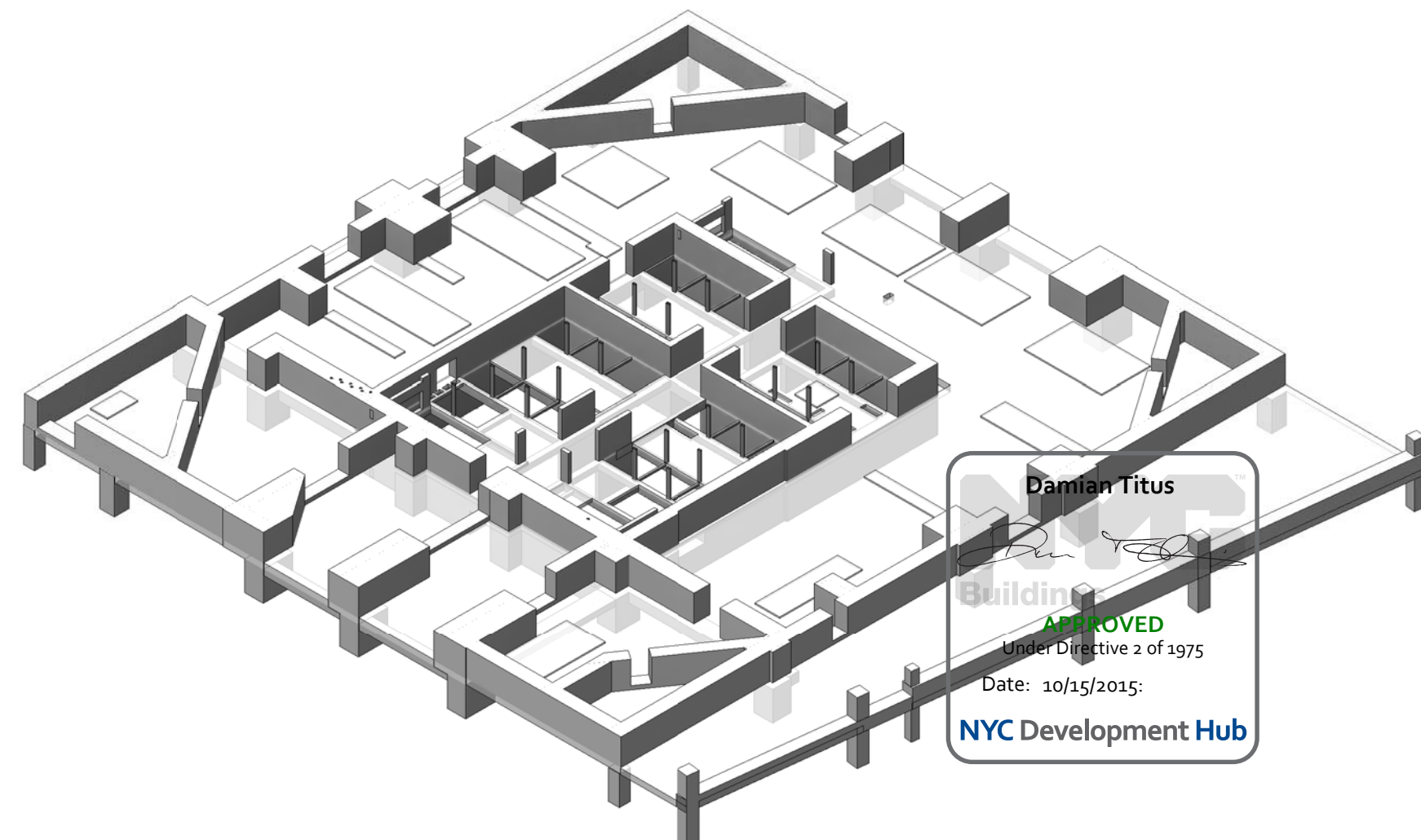
1 9TH FLOOR (MARKETING 09) FRAMING PLAN  
SCALE: 1/8" = 1'-0"

- NOTES
1. FLOOR ELEVATION @ 157'-2" U.O.N. THIS ON PLAN.
  2. SLAB TO BE 18" THICK LW CONC. U.O.N. THIS ON PLAN.
  3. BOTTOM MAT REIN. TO BE: #6@12 E.W. CONT. FOR 18" PT SLAB  
#4@10 E.W. CONT. FOR 18" RC SLAB
  4. TOP MAT REIN. TO BE: #6@12 E.W. CONT. FOR 18" PT SLAB  
#4@10 E.W. CONT. FOR 18" RC SLAB
  5. FOR BALANCE OF NOTES SEE DWG. FD-120.
  6. STAGED POST TENSIONING AS MARKED: INITIAL CONSTRUCTION TO 130-70%  
CONSTRUCTION TO 140-100%

MATERIAL NOTES

1. ALL SLABS TO BE LIGHT-WEIGHT CONCRETE (MAXIMUM DENSITY 120lb/cu ft and  $f_c = 7000$  psi)
2. ALL COLUMNS AND SHEAR WALLS TO BE NORMAL WEIGHT CONCRETE

LOAD SCHEDULE (AREA OUTSIDE CORE)			
AREA	SDL	LL	FACADE
EXTERNAL	45 psf	150 psf	600 psf



3D VIEW

1	D.O.B. BUILDING PERMIT FILING	05/01/2015
	100% CONSTRUCTION DOCUMENTS	04/03/2015

No.	Description	Date
1	D.O.B. BUILDING PERMIT FILING	05/01/2015
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Issue Date: 04/03/2015  
Project No.: J105480  
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Sheet Number: 1305480-S-090

9TH FLOOR (MARKETING 09) FRAMING PLAN

9TH FLOOR (MARKETING 09) FRAMING PLAN  
S-090.00





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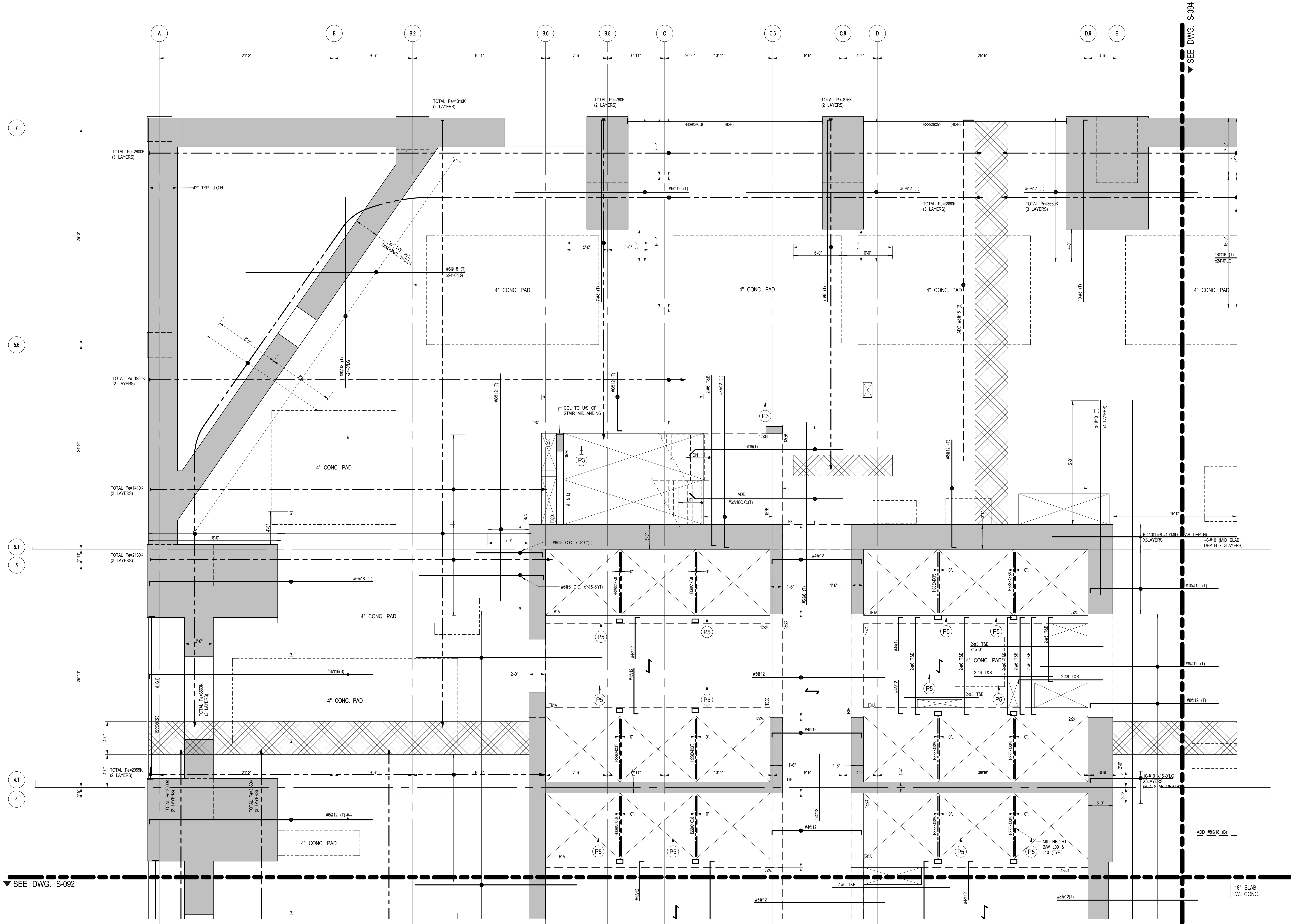
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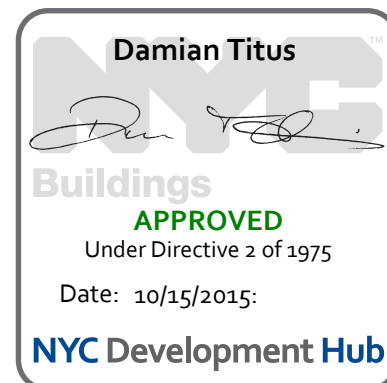
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1 9TH FLOOR (MARKETING 09) FRAMING PLAN PART 1

SCALE: 1/4\"/>



Issue Date: 04/03/2015  
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Sheet Number: 1305480-S-091

9TH FLOOR  
(MARKETING 09)  
FRAMING PLAN PART 1

Sheet Number  
**S-091.00**







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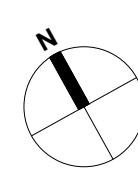
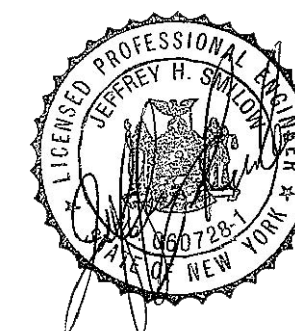
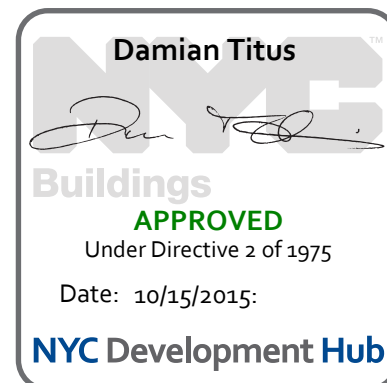
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Project No.	1305480
Drawn By	CADD
Sheet Number	1305480-S-093

*Drawing Title*  
**9TH FLOOR  
(MARKETING 09)  
FRAMING PLAN PART 3**

*Drawing Number*  
**S-093.00**



NOTE:  
FOR BALANCE OF INFORMATION SEE CORRESPONDING  
OVERALL FRAMING PLAN.







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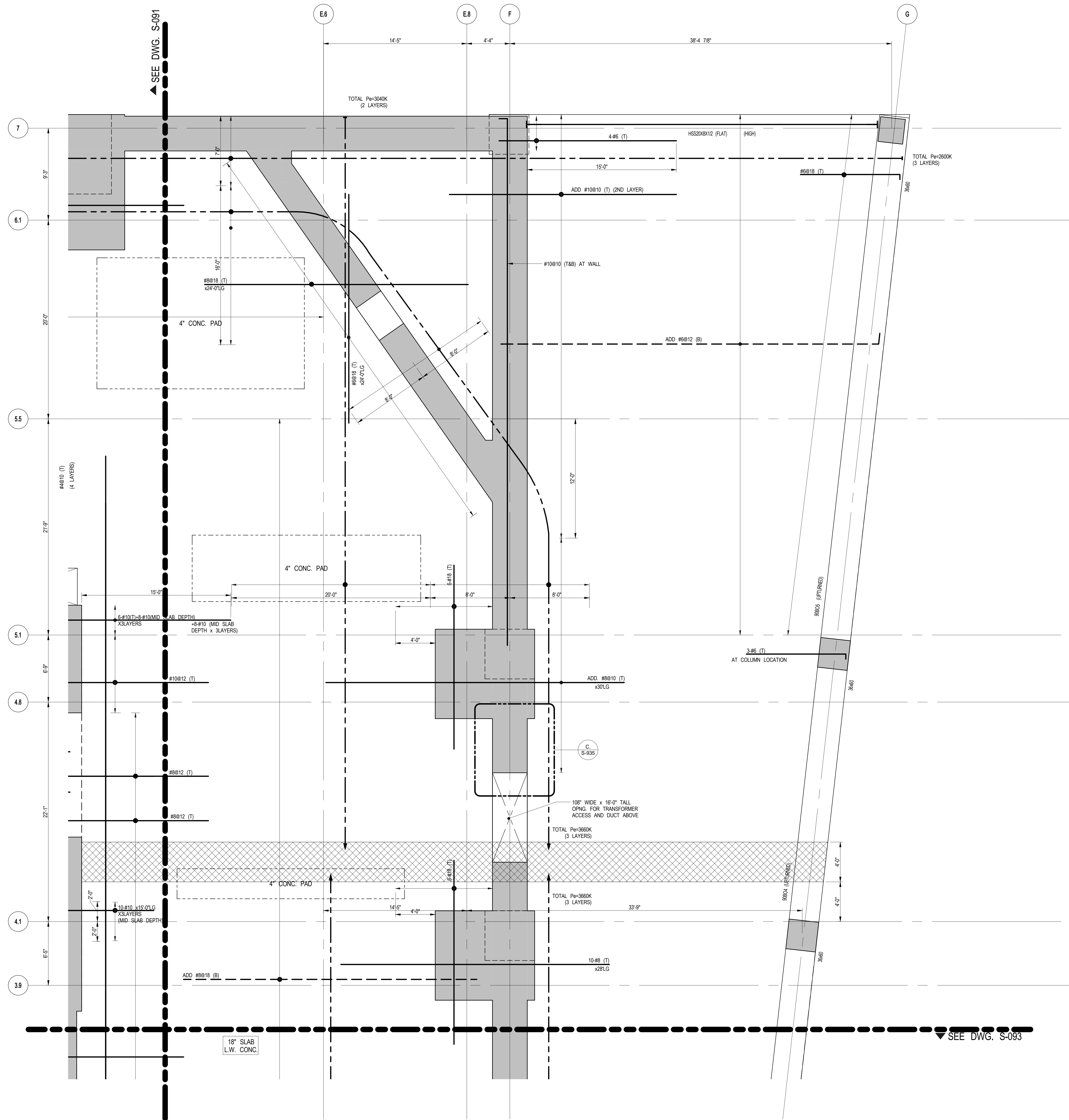
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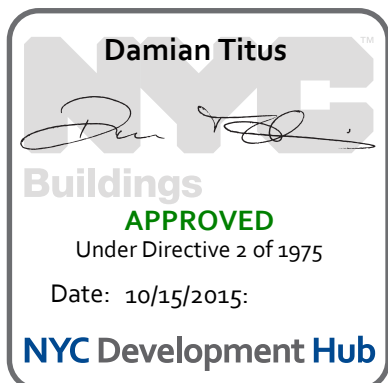
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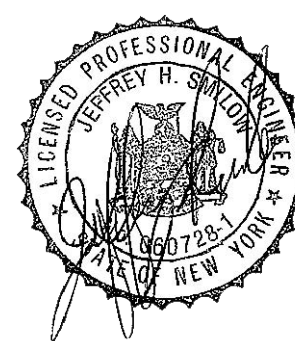
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1 9TH FLOOR (MARKETING 09) FRAMING PLAN PART 4  
S-094 SCALE: 1/4\"/>

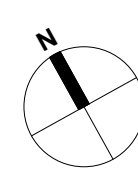


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Drawn By: CADD  
Sheet Number: 1305480-S-094



9TH FLOOR  
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FRAMING PLAN PART 4

S-094.00









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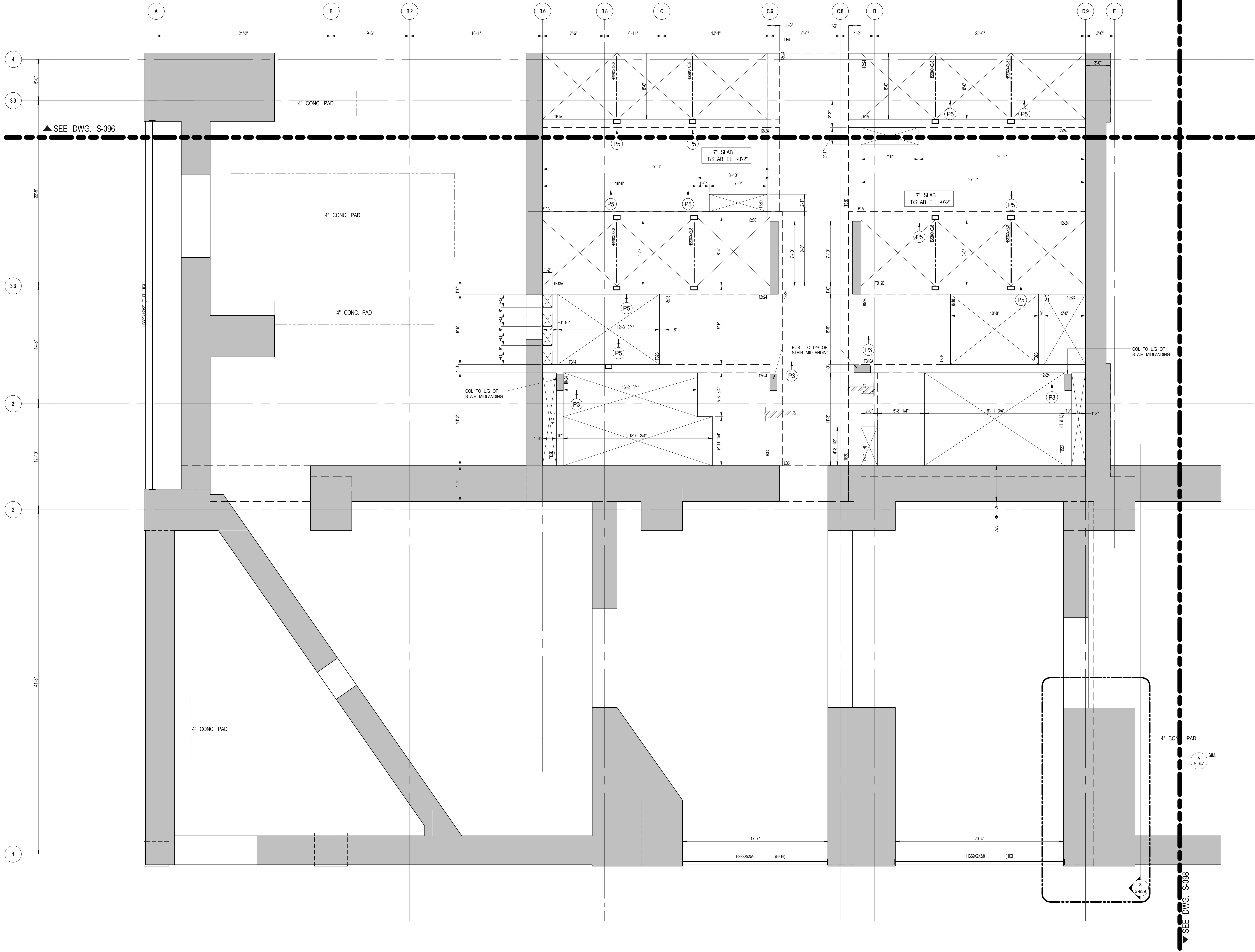
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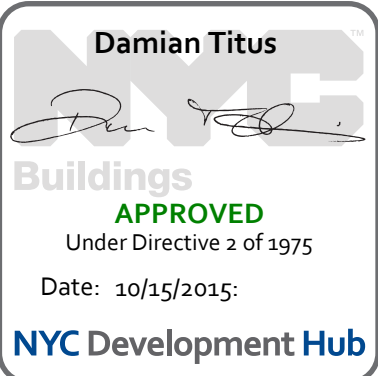
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1 9TH FLOOR (MARKETING 09) G.A. PLAN PART 2

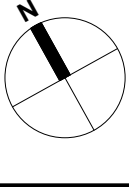
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OVERALL FRAMING PLAN



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Project No:	1305480
Drawn By:	CADD
Sheet Number:	1305480-S-097

9TH FLOOR  
(MARKETING 09) G.A.  
PLAN PART 2

Sheet Number  
**S-097.00**





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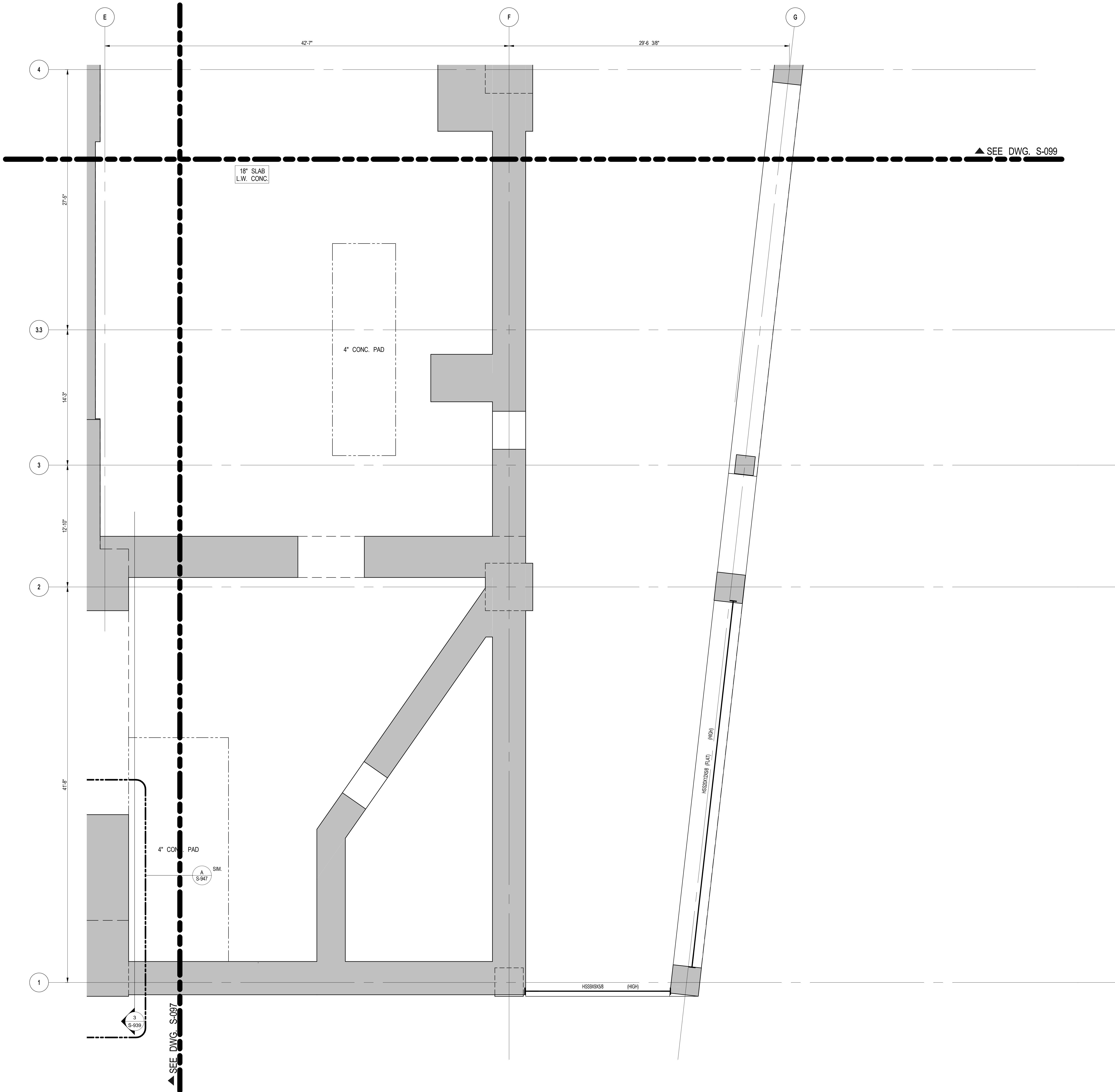
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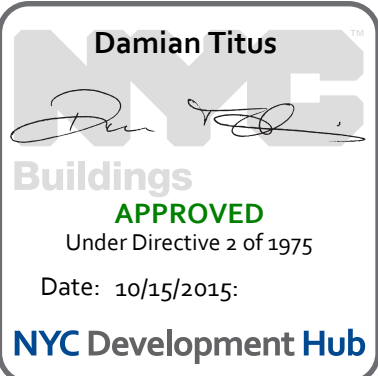
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1 9TH FLOOR (MARKETING 09) G.A. PLAN PART 3  
SCALE: 1/4" = 1'-0"  
NOTE:  
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OVERALL FRAMING PLAN



Issue Date: 04/03/2015  
Project No: 1305480  
Drawn By: CADD  
Sheet Number: 1305480-S-098

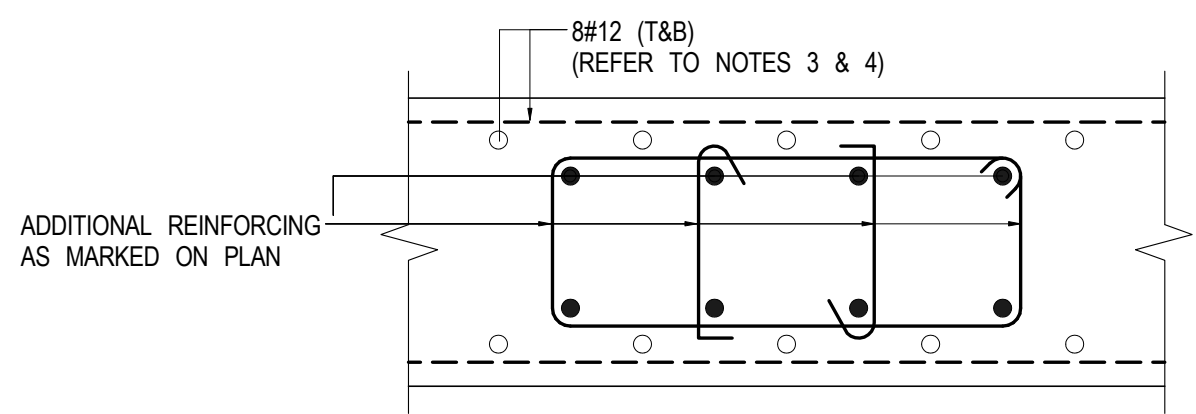
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(MARKETING 09) G.A.  
PLAN PART 3

S-098.00

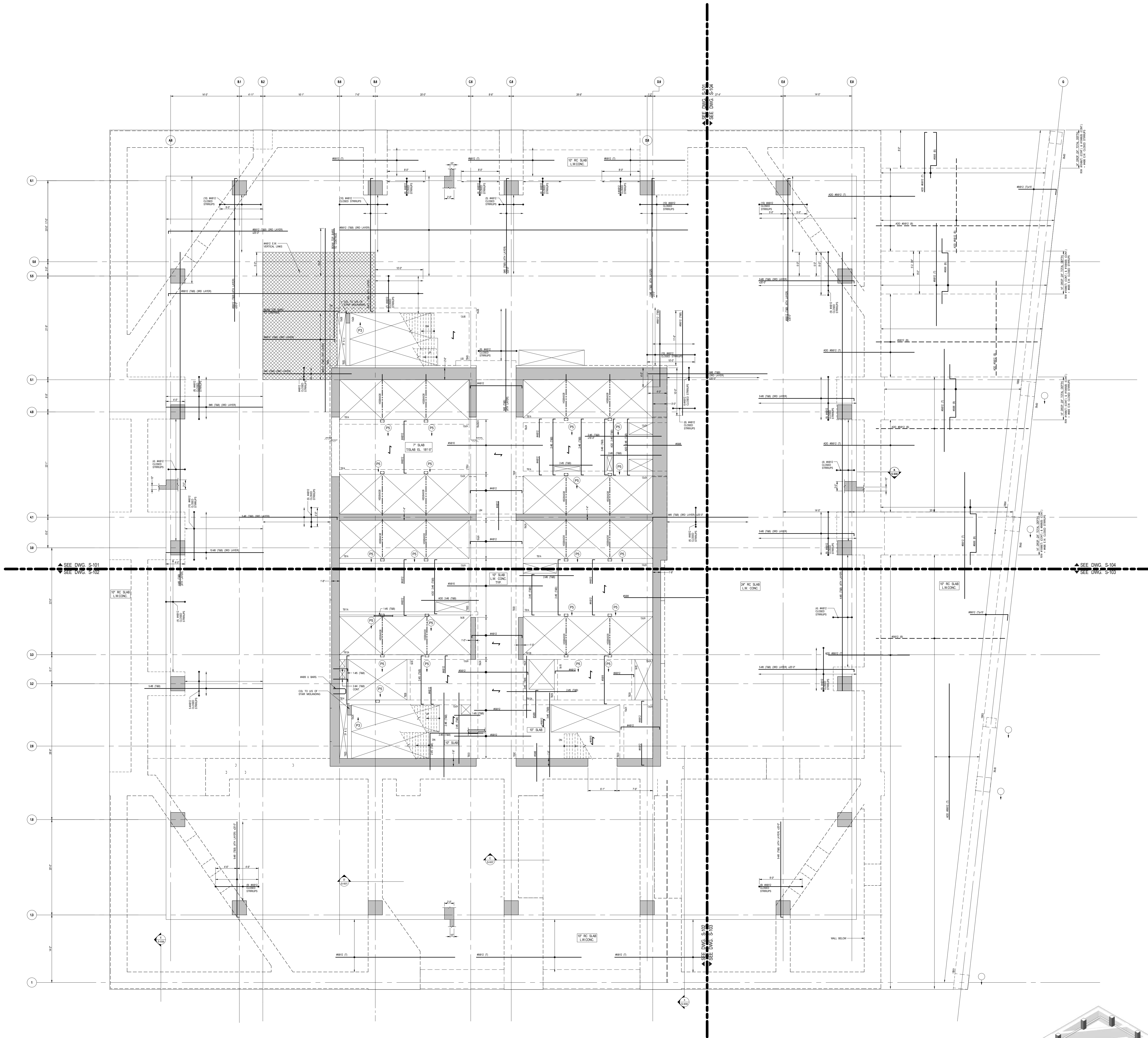




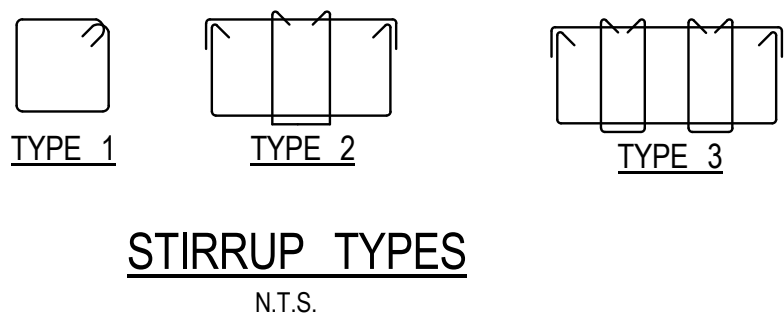




2 LAYOUT DETAIL FOR ADDITIONAL REBARS FOR 24" SLAB  
SCALE: 1/8" = 1'-0"



10TH FLOOR BEAM SCHEDULE											
BEAM MARK	SIZE		REINFORCEMENT					STIRRUPS			
	W (IN)	D (IN)	BOTTOM	TOP	TOP ADDITIONAL LEFT	TOP ADDITIONAL RIGHT	TYPE	SIZE	END SPACING (IN)	END LENGTH (FT)	MID-SPAN SPACING (IN)
10B01	36	36	7-#10(2 LAYERS)	6-#10	-	7-#10	3	#5	8	9	12
10B02	36	36	5-#9	13-#10	-	-	3	#5	-	-	12
10B03	36	60	11-#10	10-#10	3-#10	2-#10	3	#5	8	8	12
10B04	36	60	6-#10	10-#10	-	10-#10(2ND LAYER)	3	#5	8	11	15
10B05	36	60	11-#10(2 LAYERS)	10-#10	10-#10(2ND LAYER)	-	3	#5	6	11	15



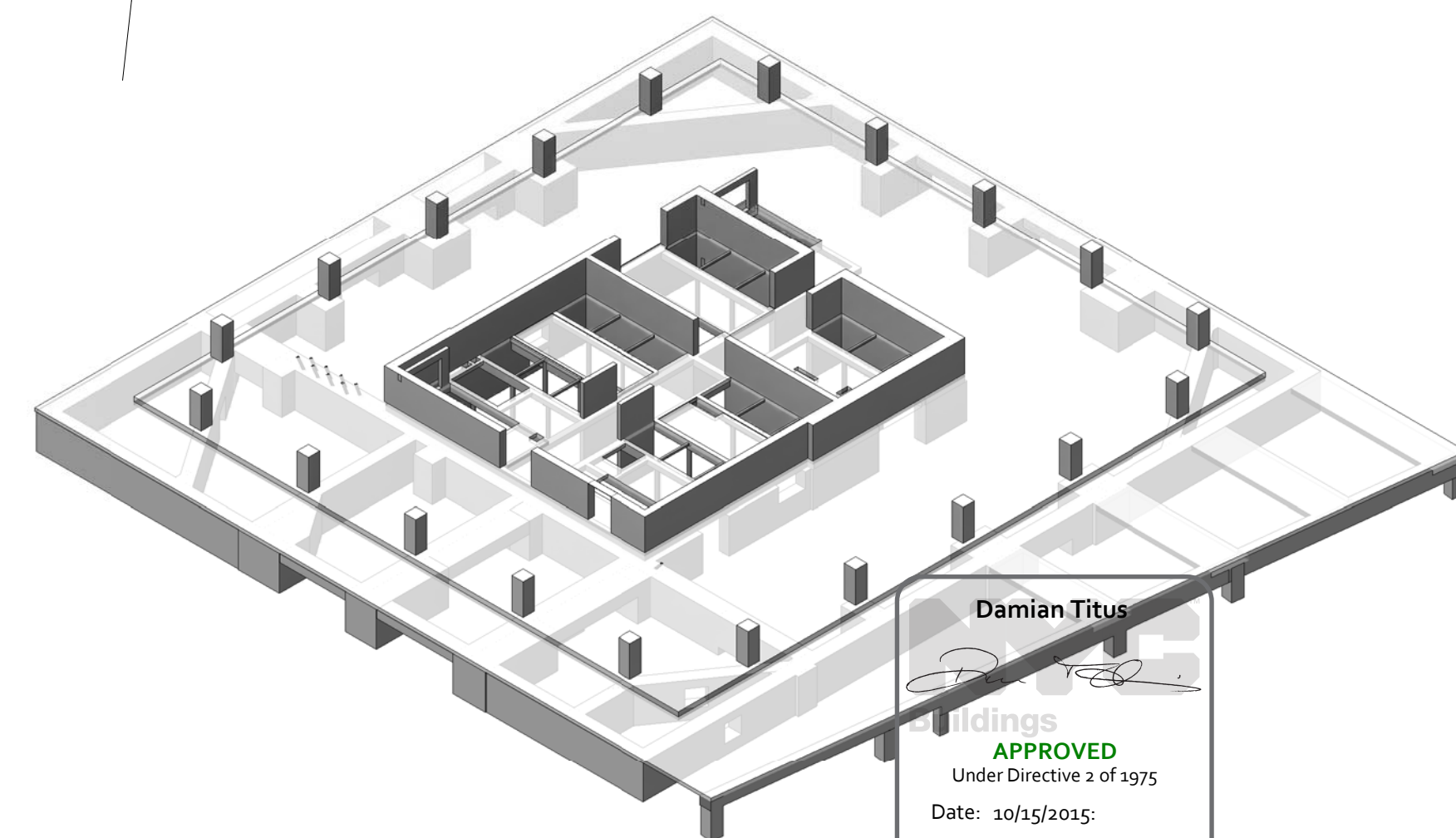
1 10TH FLOOR (MARKETING 10) FRAMING PLAN  
SCALE: 1/8" = 1'-0"

- NOTES:
1. SLAB ELEVATION @ 181'-7" U.O.N. THIS ON PLAN.
  2. SLAB TO BE 24" THICK LW CONC. U.O.N. THIS ON PLAN.
  3. BOTTOM MAT REINFORCING TO BE: #6@12 E.W. CONT. FOR 24" RC SLAB #6@10 E.W. CONT. FOR 10" RC SLAB INSIDE CORE #6@10 E.W. CONT. FOR 10" RC SLAB OUTSIDE CORE #6@10 CONT. MAIN BARS & #6@14 CONT. TEMPERATURE BARS FOR 7" RC SLAB INSIDE CORE 4. TOP MAT REINFORCING TO BE: #6@12 E.W. CONT. FOR 24" RC SLAB #6@12 E.W. CONT. FOR 10" RC SLAB OUTSIDE CORE 5. REFER TO DETAIL 25-100 FOR ADDITIONAL BARS IN 24" SLAB MARKED ON PLAN 6. FOR BALANCE OF INFORMATION SEE DWG. FO-120.

MATERIAL NOTES

1. ALL SLABS TO BE LIGHT-WEIGHT CONCRETE (MAXIMUM DENSITY 120 lb/cu ft AND  $f_c = 7000$  psi).
2. ALL COLUMNS AND SHEAR WALLS TO BE NORMAL WEIGHT CONCRETE.

LOAD TABLE (OUTSIDE CORE AREA)			
AREA	DL	LL	FACADE
INTERNAL	35 psf	100 psf	550 psf
EXTERNAL	210 psf	450 psf	-



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10TH FLOOR  
(MARKETING 10)  
FRAMING PLAN

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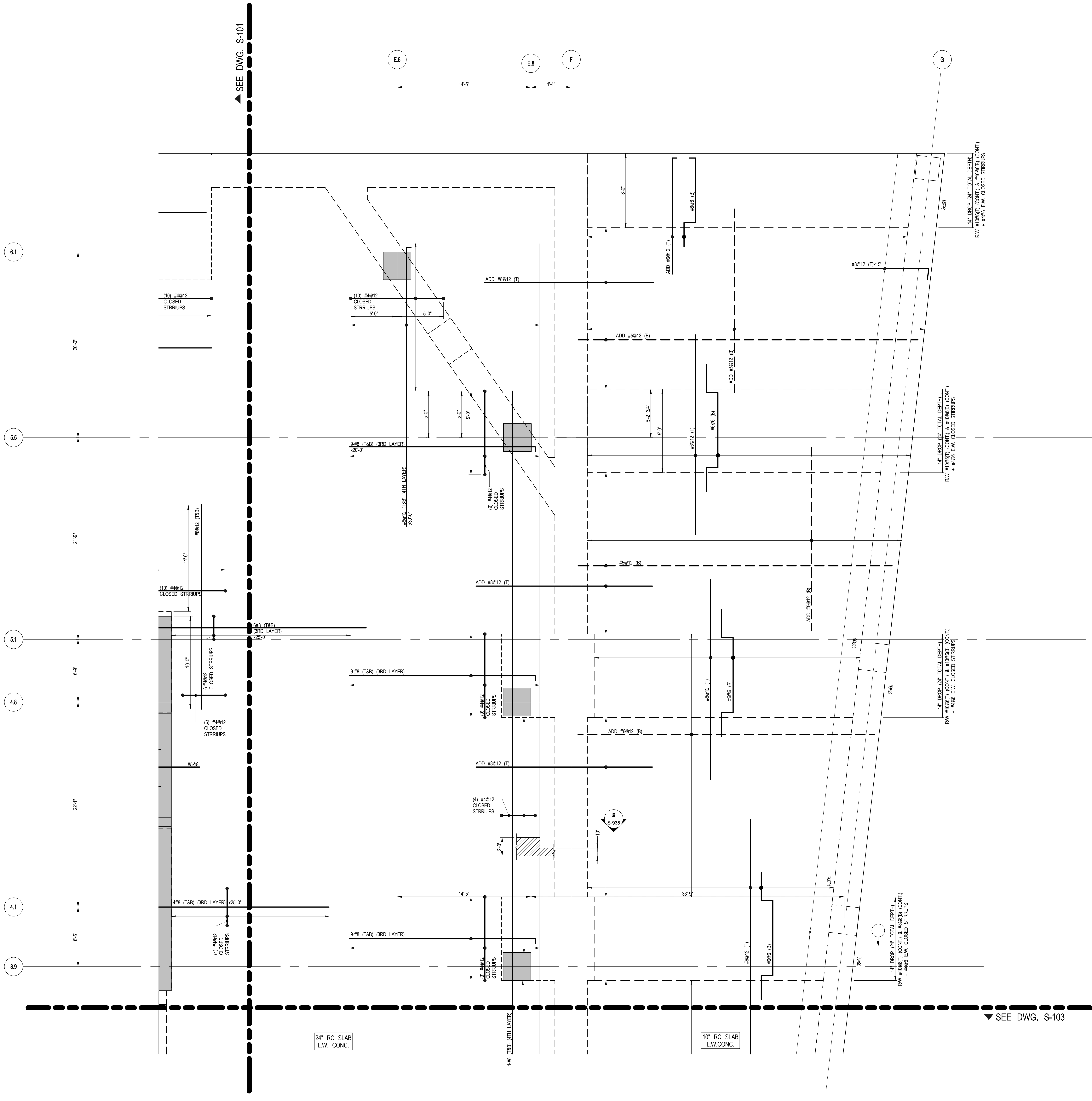




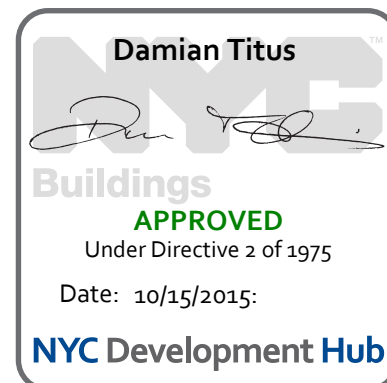




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1 10TH FLOOR (MARKETING 10) FRAMING PLAN PART 4  
S-104  
SCALE: 1/4" = 1'-0"  
NOTE:  
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OVERALL FRAMING PLAN.



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Key Plan

Issue Date: 04/03/2015  
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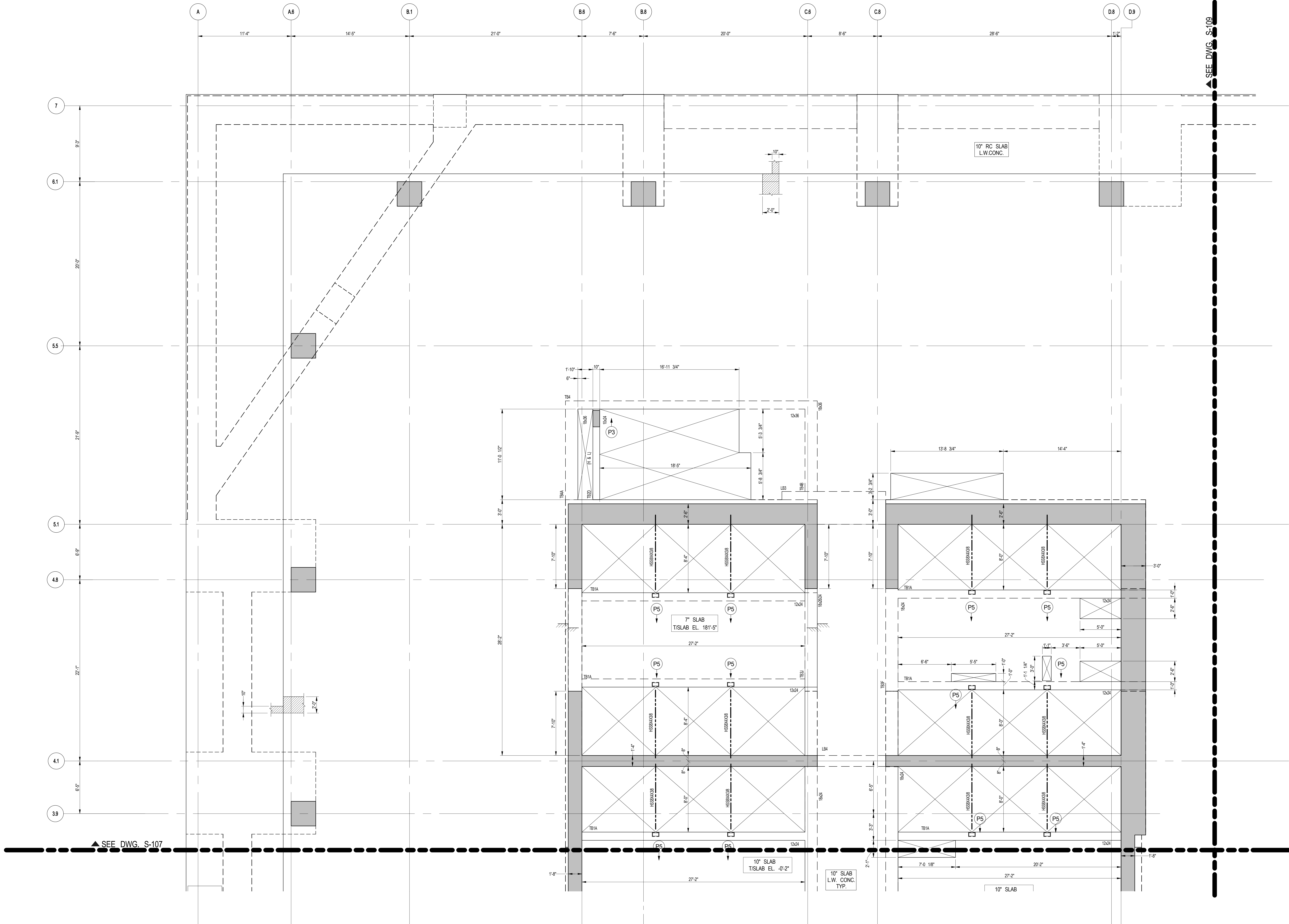
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10TH FLOOR  
(MARKETING 10)  
FRAMING PLAN PART 4

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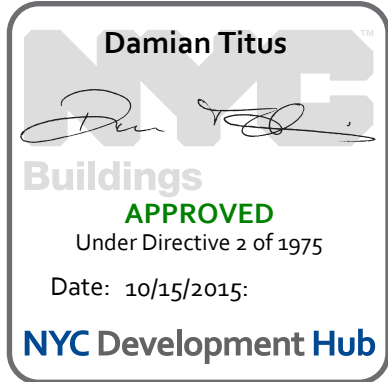
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1 10TH FLOOR (MARKETING 10) G.A. PLAN PART 2  
SCALE: 1/4" = 1'-0"  
NOTE:  
FOR BALANCE OF INFORMATION SEE CORRESPONDING  
OVERALL FRAMING PLAN.



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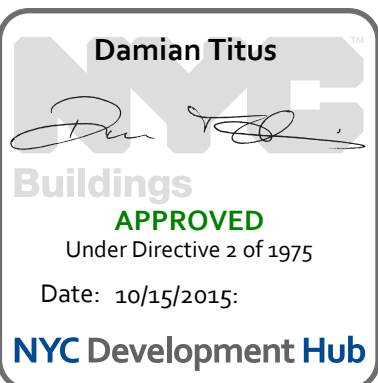
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Issue Date: 04/03/2015  
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Division Title  
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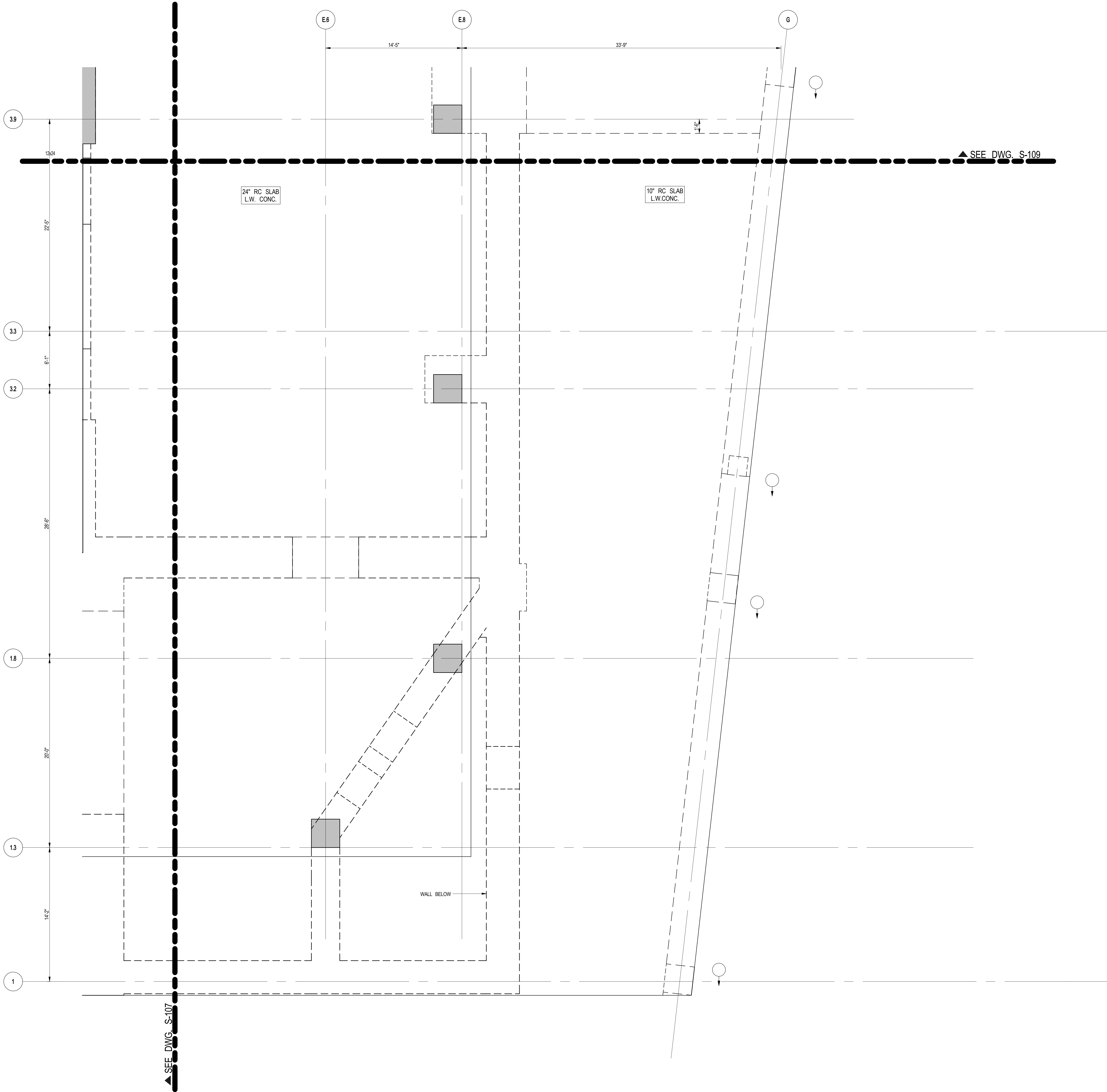
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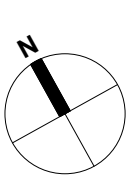




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S-108  
10TH FLOOR (MARKETING 10) G.A. PLAN PART 1  
SCALE: 1/4" = 1'-0"  
NOTE:  
FOR BALANCE OF INFORMATION SEE CORRESPONDING  
OVERALL FRAMING PLAN.



Issue Date: 04/03/2015  
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10TH FLOOR (MARKETING 10) G.A. PLAN PART 3

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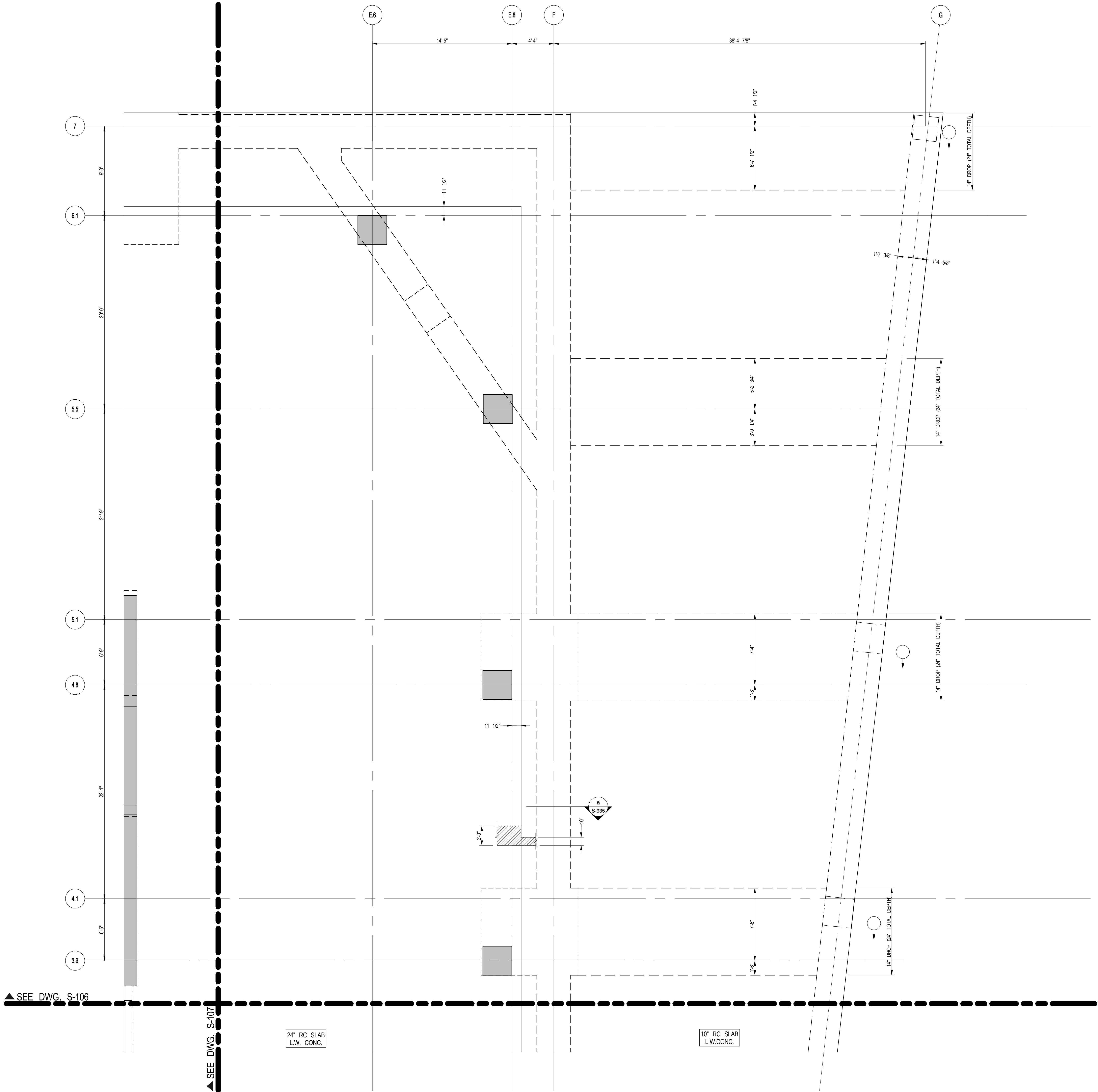
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New York, New York 10036  
TEL: 212.977.6500 FAX: 212.956.2526

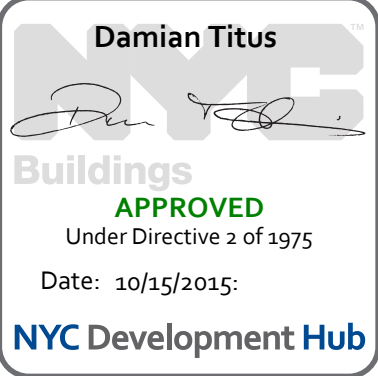
Structural Engineer  
WSP  
228 East 45th Street, 3rd Floor  
New York, NY 10017  
Tel: 212.687.9888 Fax: 646.487.5501

Mechanical, Electrical, Plumbing, Fire Protection  
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512 Seventh Avenue  
New York, NY 10018  
Tel: 212.532.9600

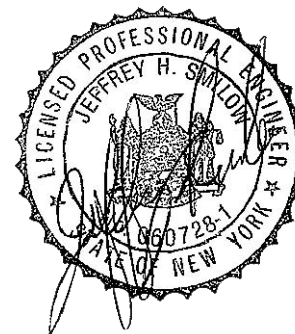


1 10TH FLOOR (MARKETING 10) G.A. PLAN PART 4  
S-109 SCALE: 1/4" = 1'-0"

NOTE:  
FOR BALANCE OF INFORMATION SEE CORRESPONDING  
OVERALL FRAMING PLAN.

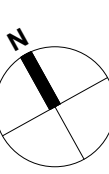


Issue Date: 04/03/2015  
Project No: 1305480  
Drawn By: CADD  
Sheet Number: 1305480-S-109



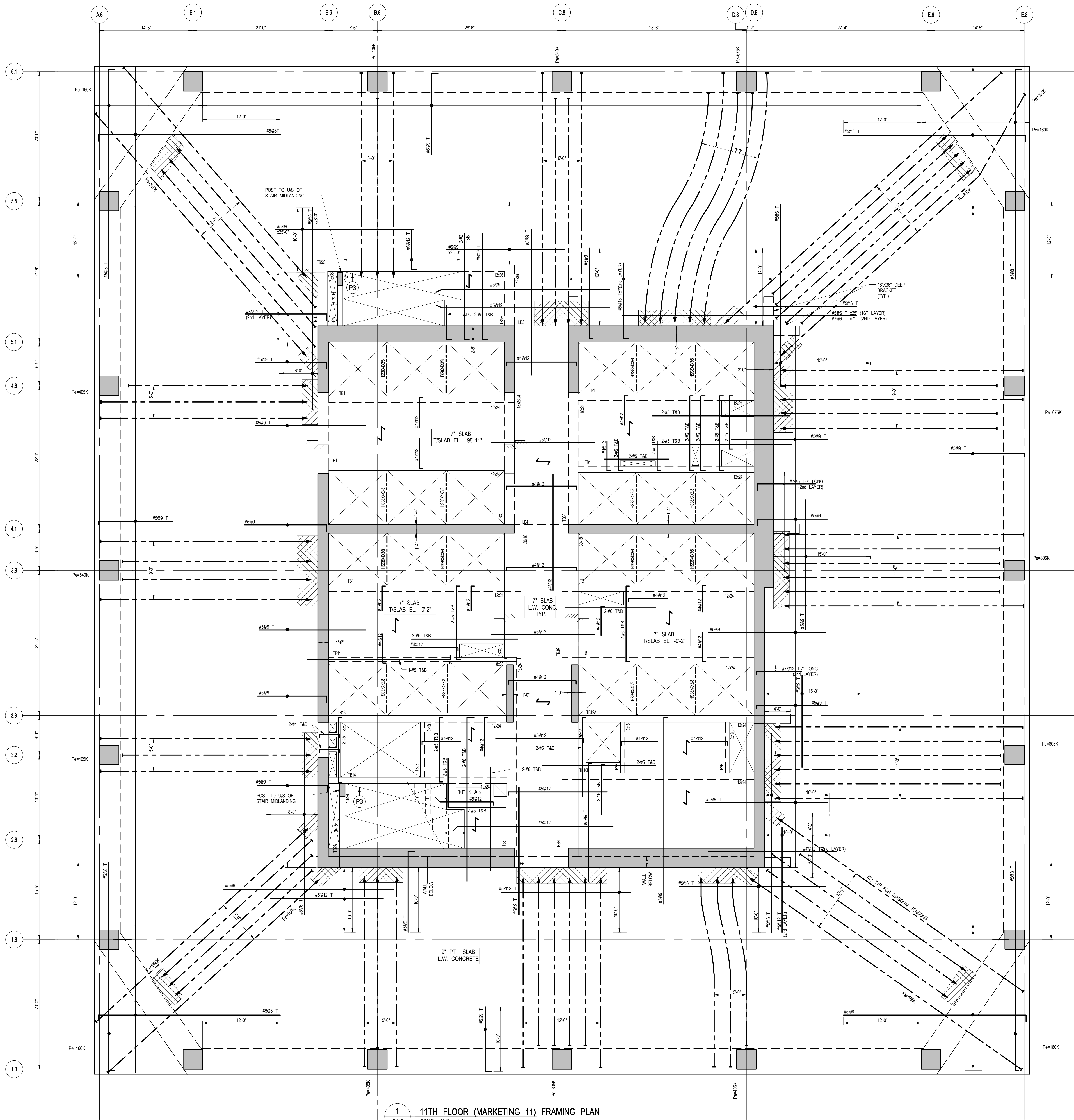
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10TH FLOOR  
(MARKETING 10) G.A.  
PLAN PART 4

Sheet Number  
S-109.00





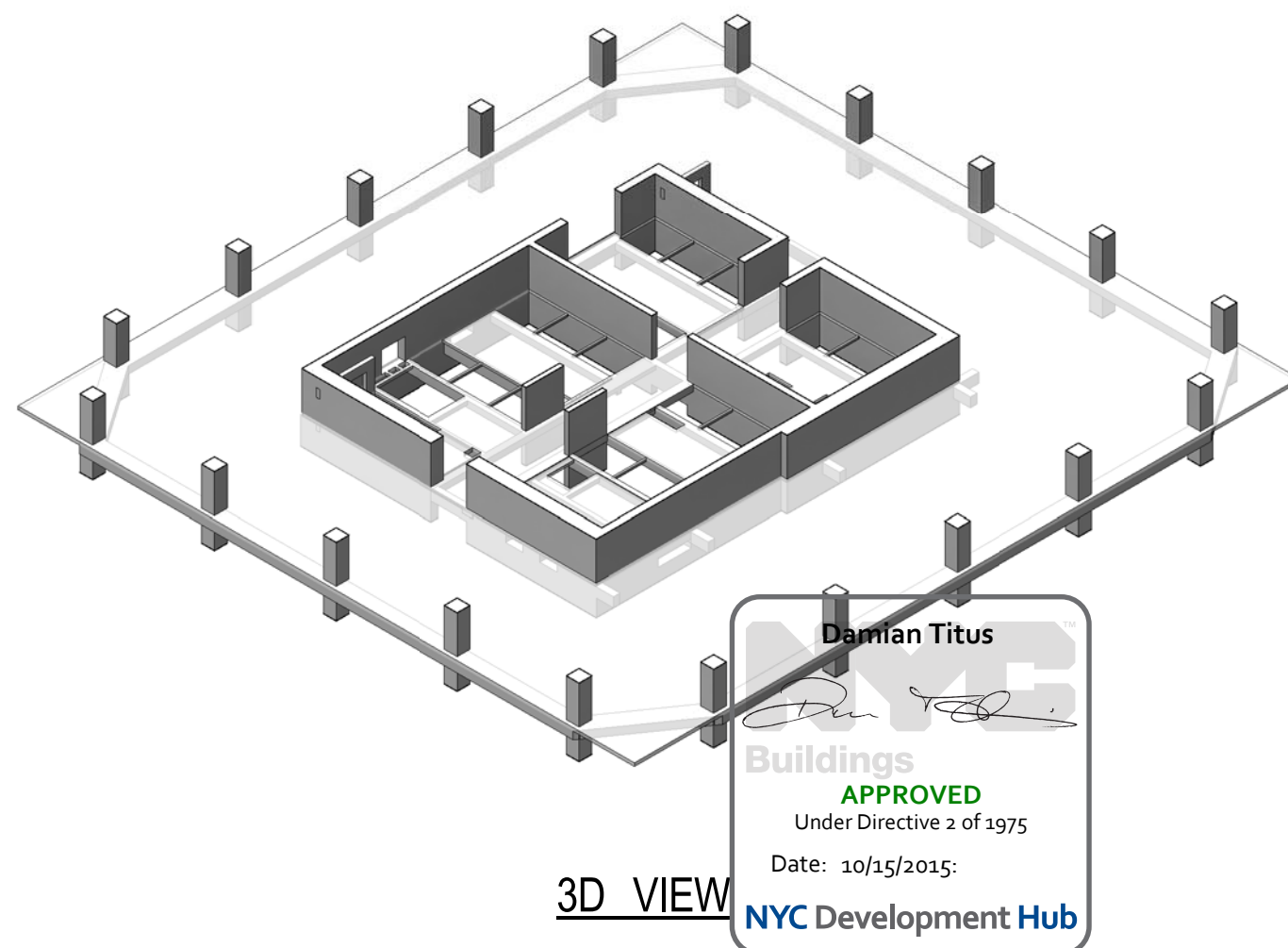
11TH FLOOR (MARKETING 11) FRAMING PLAN  
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5/14/2015 11:52:29 AM



1 11TH FLOOR (MARKETING 11) FRAMING PLAN  
SCALE: 3/16" = 1'-0"  
NOTES:  
1. FOR T/S LAB ELEVATION @ 199'-1" U.O.N.

MATERIAL NOTES  
1. ALL SLABS TO BE LIGHT-WEIGHT CONCRETE (MAXIMUM DENSITY 120lb/cu ft AND f'c = 7000 psi)  
2. ALL COLUMNS AND SHEAR WALLS TO BE NORMAL WEIGHT CONCRETE.  
3. #4810 EW CONT. FOR 10\"/>

LOAD TABLE (OUTSIDE CORE AREA)			
DL	SDL	LL	FACADE
SLAB WEIGHT (VARIES)	35 PSF	150 PSF	730 PLF



55 HUDSON YARDS

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No.	Description	Date
1	D.O.B. BUILDING PERMIT FILING	05/01/2015
	100% CONSTRUCTION DOCUMENTS	04/03/2015

Key Plan

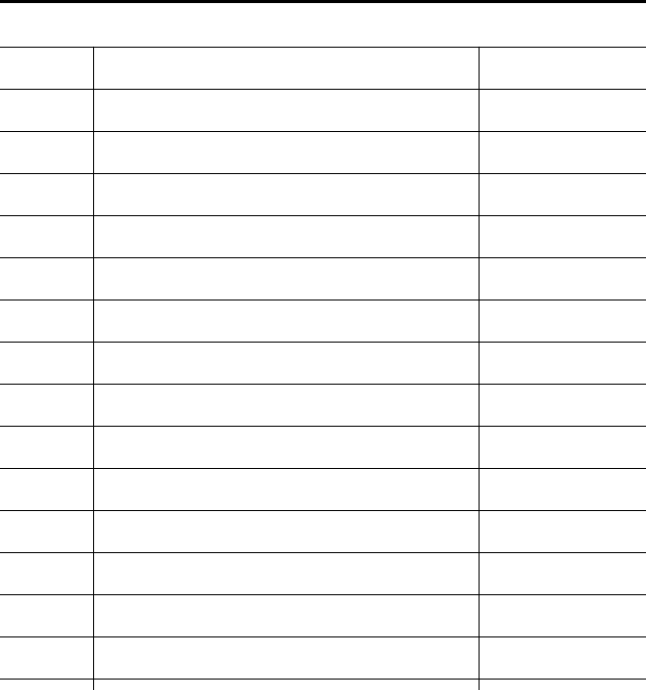
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Project No: 1305480  
Drawn By: CADD  
Sheet Number: 1305480-S-110



11TH FLOOR (MARKETING 11) FRAMING PLAN

Project Number  
S-110.00

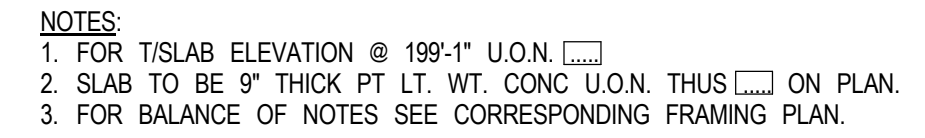





### Key Plan

Drawing Number

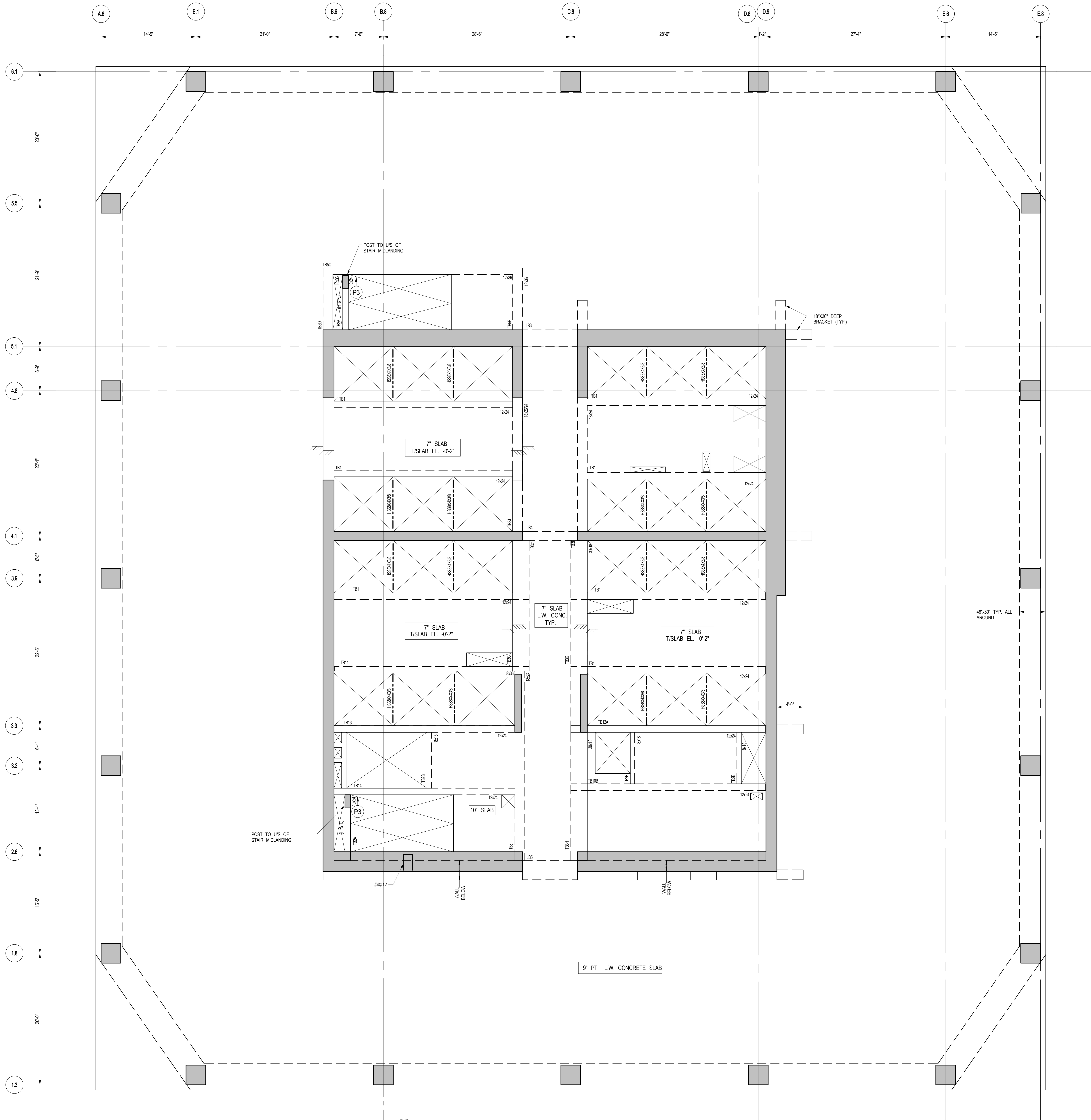
**S-119.00**



**Damian Titus**  
  
**Buildings**  
**APPROVED**  
Under Directive 2 of 1975  
Date: 10/15/2015:  
**NYC Development Hu**



12TH FLOOR (MARKETING 12) FRAMING PLAN  
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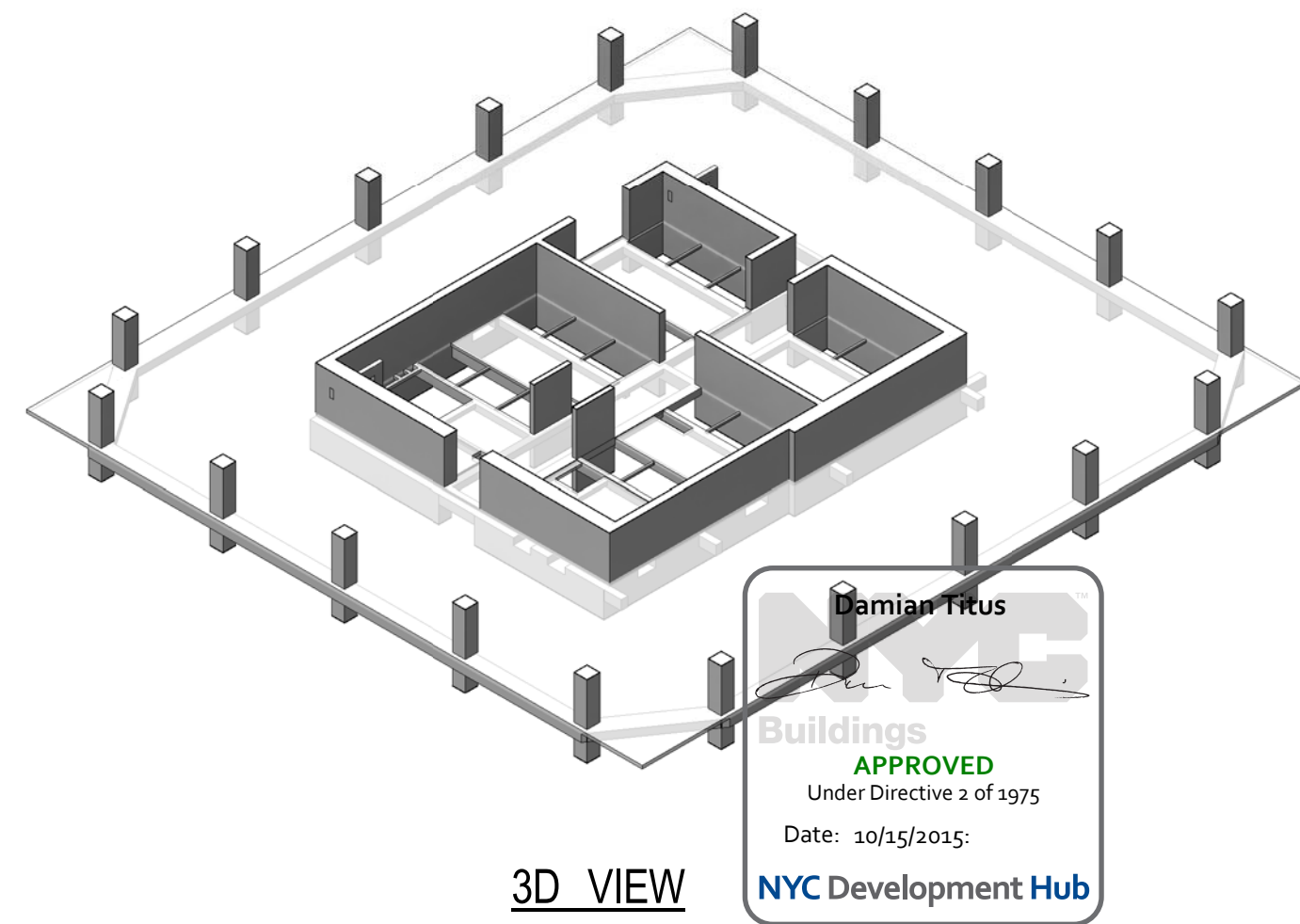


1 12TH FLOOR (MARKETING 12) FRAMING PLAN  
SCALE: 3/16" = 1'-0"

- NOTES:
1. T/S LAB ELEVATION @ EL. 212'-7" U.O.N. THIS [ ] ON PLAN.
  2. SLAB TO BE 9" THICK PT. LT. WT. CONC. U.O.N. THIS [ ] ON PLAN.
  3. UNLESS NOTED ON THIS DWG., FOR SLABS OUTSIDE CORE, REFER TO DWG. S-110 FOR PT. & REINFORCEMENT LAYOUTS.
  4. UNLESS NOTED ON THIS DWG., FOR SLAB REINFORCEMENT LAYOUT INSIDE CORE, REFER TO DWG. S-110.
  5. FOR BALANCE OF NOTES SEE DWG. F0-120.

- MATERIAL NOTES
1. ALL SLABS TO BE LIGHT-WEIGHT CONCRETE (MAXIMUM DENSITY 120lb/cu ft. AND  $f_c = 7000$  psi).
  2. ALL COLUMN AND SHEAR WALLS TO BE NORMAL WEIGHT CONCRETE.

LOAD TABLE (OUTSIDE CORE AREA)			
DL	SDL	LL	FACADE
SLAB WEIGHT (VARIES)	35 PSF	150 PSF	730 PLF



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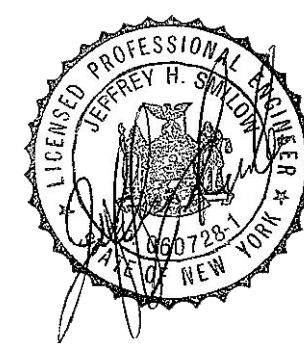
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No.	Description	Date
1	D.O.B. BUILDING PERMIT FILING	05/01/2015
	100% CONSTRUCTION DOCUMENTS	04/03/2015

Key Plan

Issue Date: 04/03/2015  
Project No: 1305480  
Drawn By: CADD  
Sheet Number: 1305480-S-120



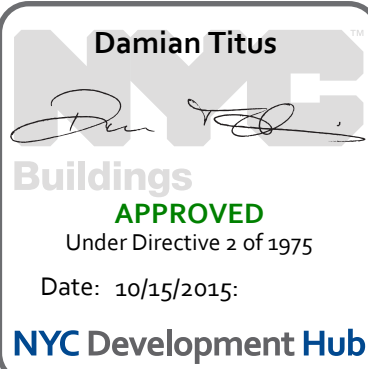
## 12TH FLOOR (MARKETING 12) FRAMING PLAN

Drawing Number

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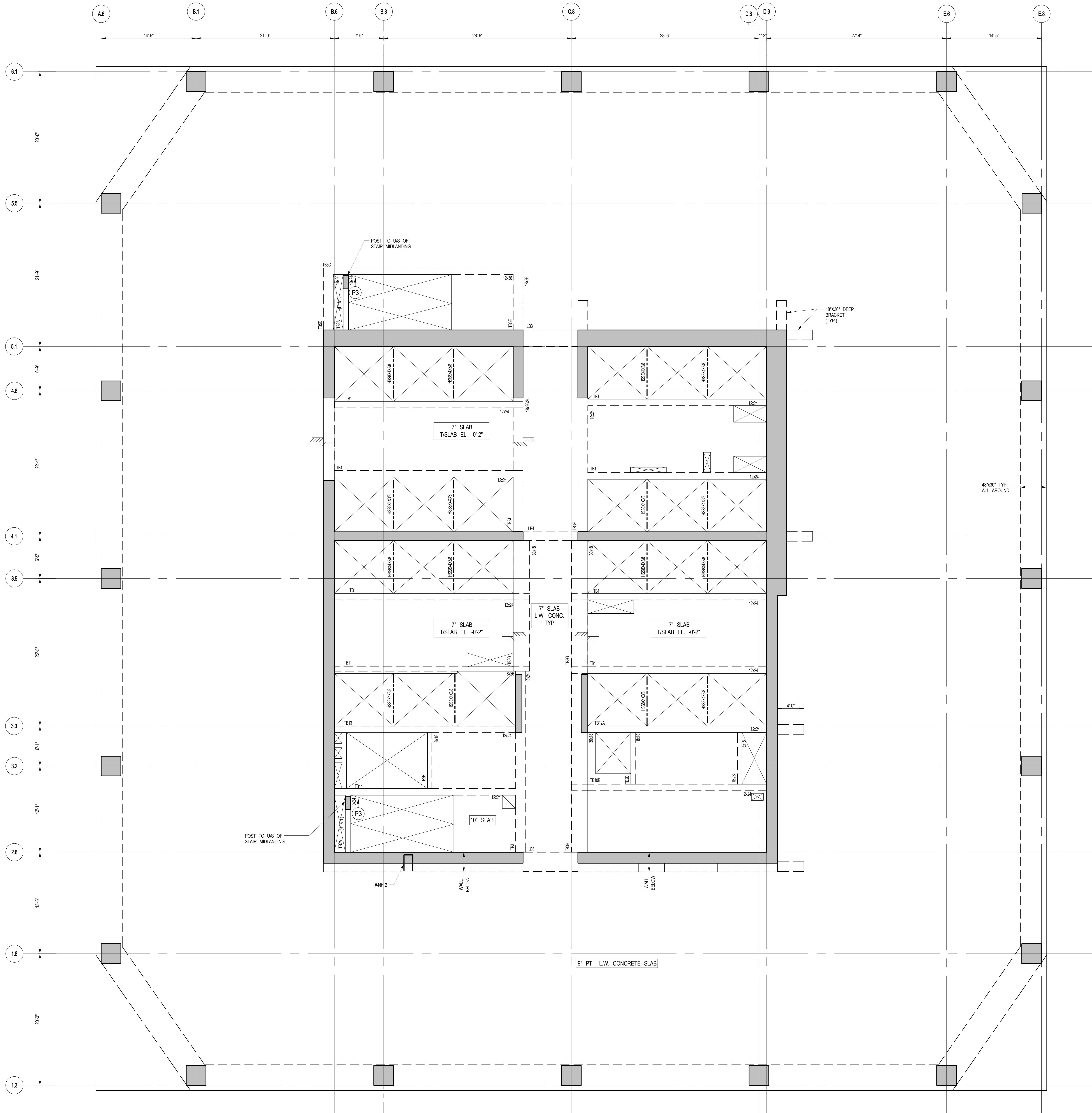




*Praying Number*  
**S-129.00**



13TH FLOOR (MARKETING 14) FRAMING PLAN  
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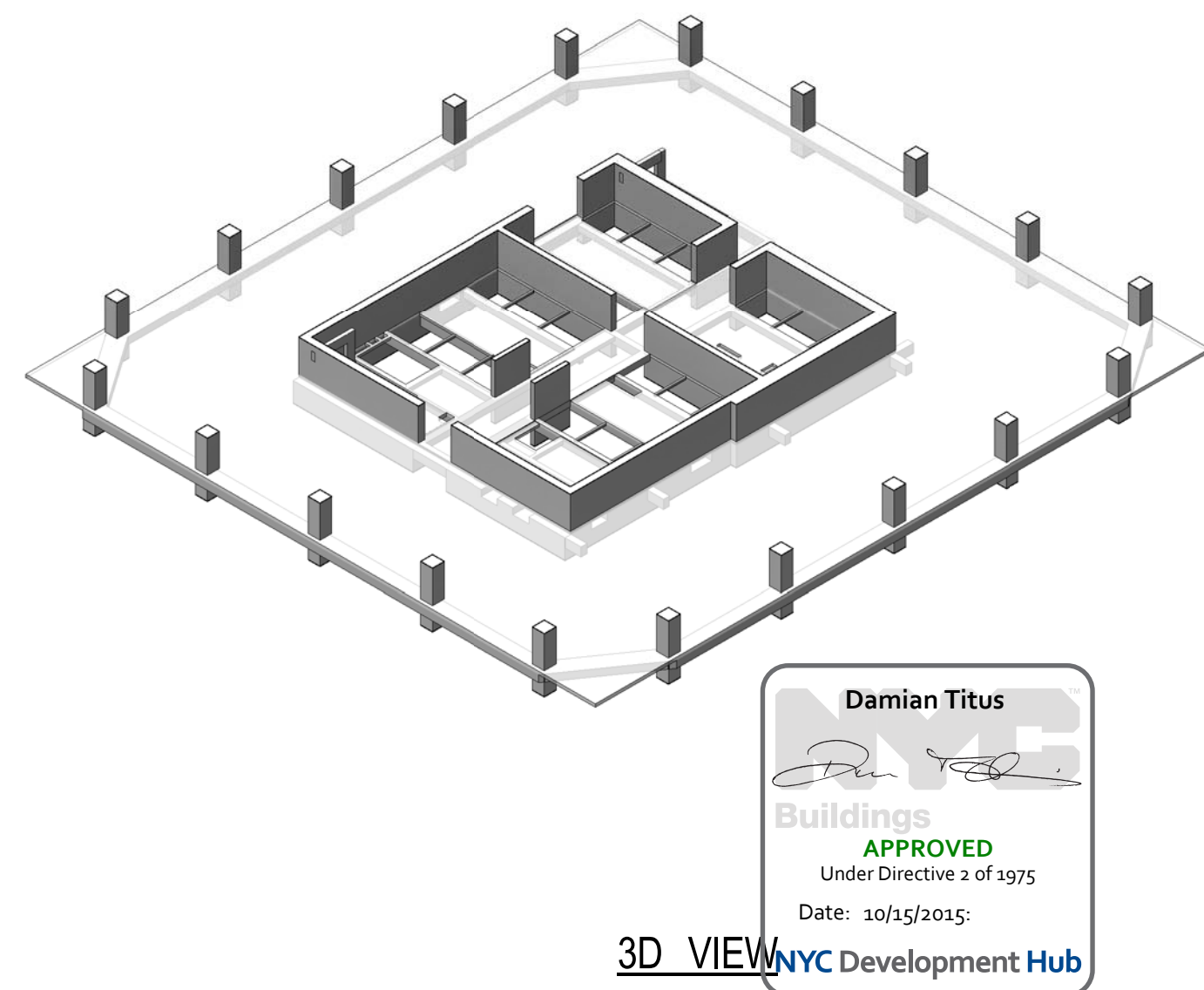


1 13TH FLOOR (MARKETING 14) FRAMING PLAN  
SCALE: 3/16\"/>

- NOTES:
1. T/S LAB ELEVATION @ EL. 226'-4\"/>
  2. SLAB TO BE 2\"/>
  3. UNLESS NOTED ON THIS DWG., FOR SLABS OUTSIDE CORE, REFER TO DWG. S-110 FOR PT. & REINFORCEMENT LAYOUTS.
  4. UNLESS NOTED ON THIS DWG., FOR SLAB REINFORCEMENT LAYOUT INSIDE CORE, REFER TO DWG. S-110.
  5. FOR BALANCE OF NOTES SEE DWG. FO-120.

- MATERIAL NOTES
1. ALL SLABS TO BE LIGHT-WEIGHT CONCRETE (MAXIMUM DENSITY 120#/cu ft AND  $f_c = 7000$  psi).
  2. ALL COLUMNS AND SHEAR WALLS TO BE NORMAL WEIGHT CONCRETE.

LOAD TABLE (OUTSIDE CORE AREA)			
DL	SDL	LL	FACADE
SLAB WEIGHT (VARIES)	35 PSF	150 PSF	730 PLF



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No.	Description	Date
1	D.O.B. BUILDING PERMIT FILING	05/01/2015
	100% CONSTRUCTION DOCUMENTS	04/03/2015

Key Plan

Issue Date: 04/03/2015  
Project No: 1305480  
Drawn By: CADD  
Sheet Number: 1305480-S-130

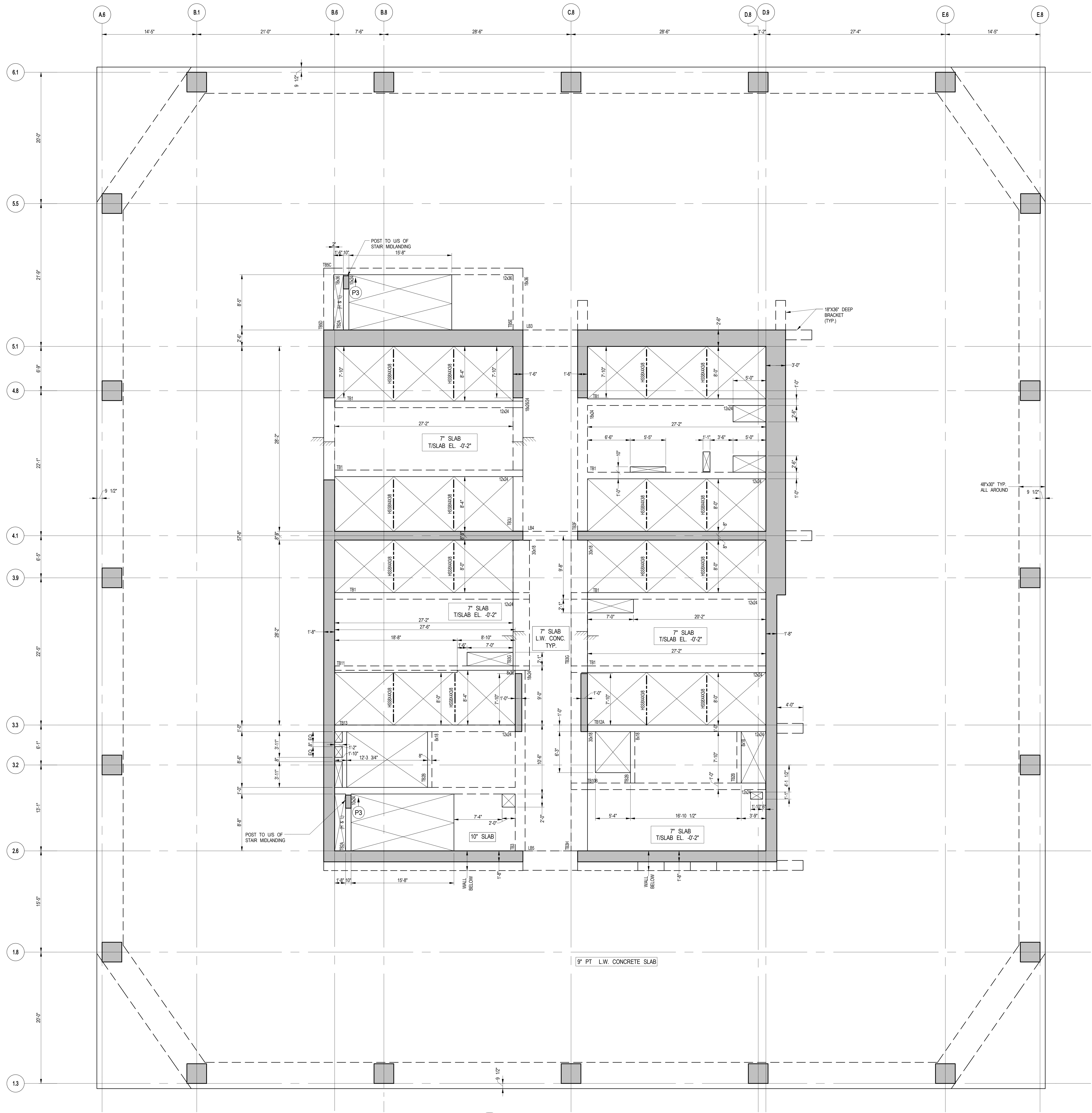
13TH FLOOR (MARKETING 14) FRAMING PLAN

Scale: 3/16\"/>

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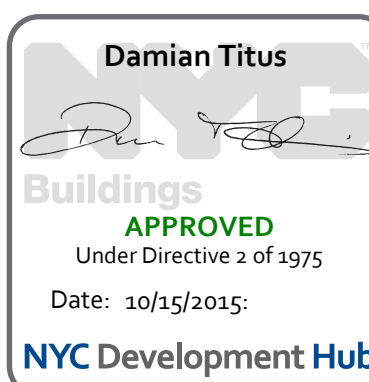


13TH FLOOR (MARKETING 14) G.A. PLAN  
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1 13TH FLOOR (MARKETING 14) G.A. PLAN  
S-139 SCALE: 3/16" = 1'-0"

- NOTES
1. T/SLAB ELEVATION @ EL. 226'-1" U.O.N. THIS [ ] ON PLAN.
  2. SLAB TO BE 9" THICK PT LT. WT. CONC. U.O.N. THIS [ ] ON PLAN.
  3. FOR BALANCE OF NOTES SEE CORRESPONDING FRAMING PLAN.



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No.	Description	Date
1	D.O.B. BUILDING PERMIT FILING	05/01/2015
	100% CONSTRUCTION DOCUMENTS	04/03/2015

Key Plan

Issue Date: 04/03/2015  
Project No: 1305480  
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Sheet Number: 1305480-S-139



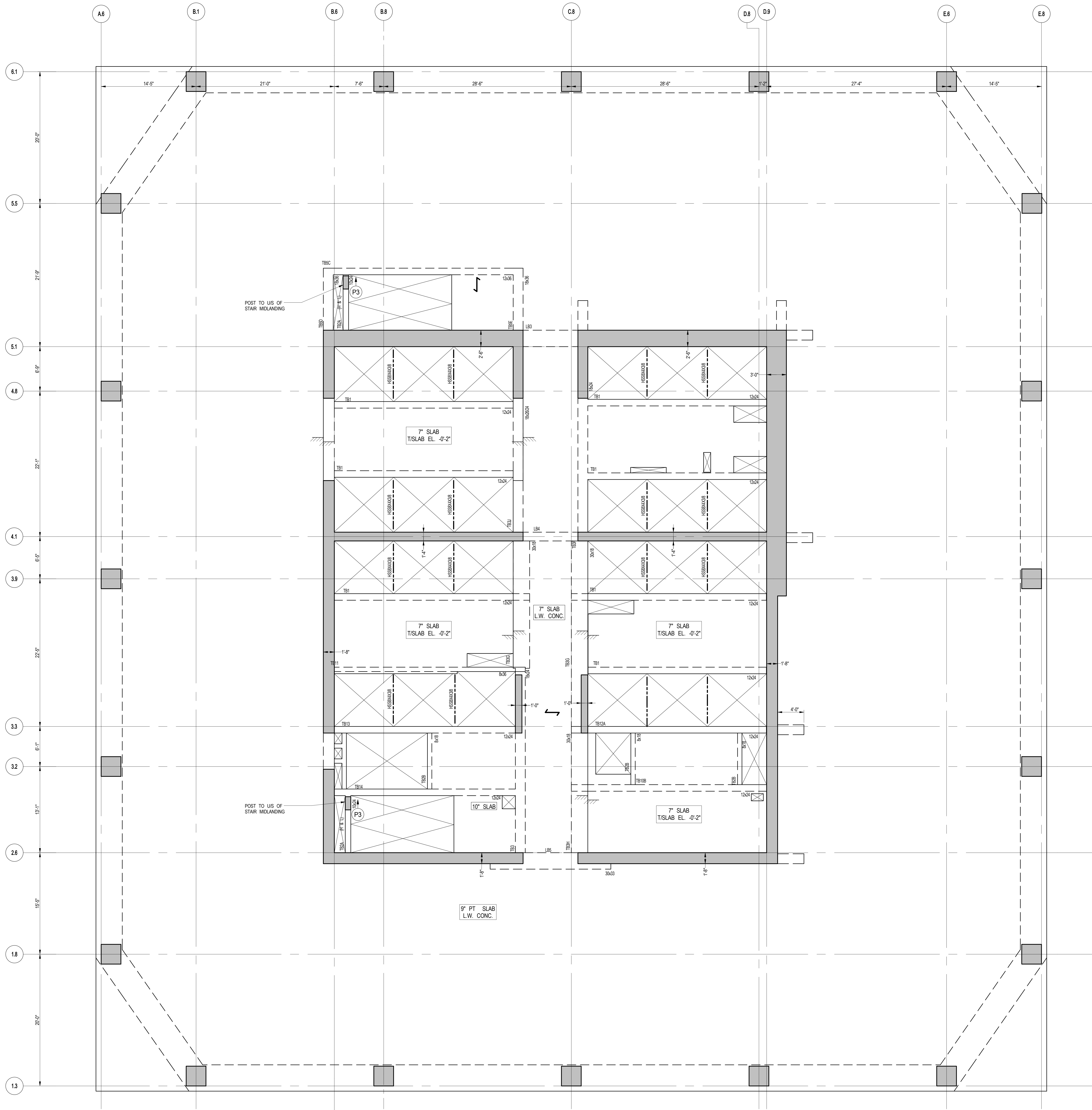
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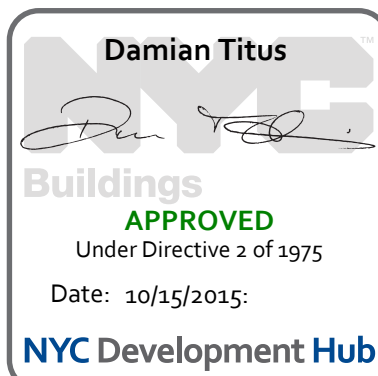
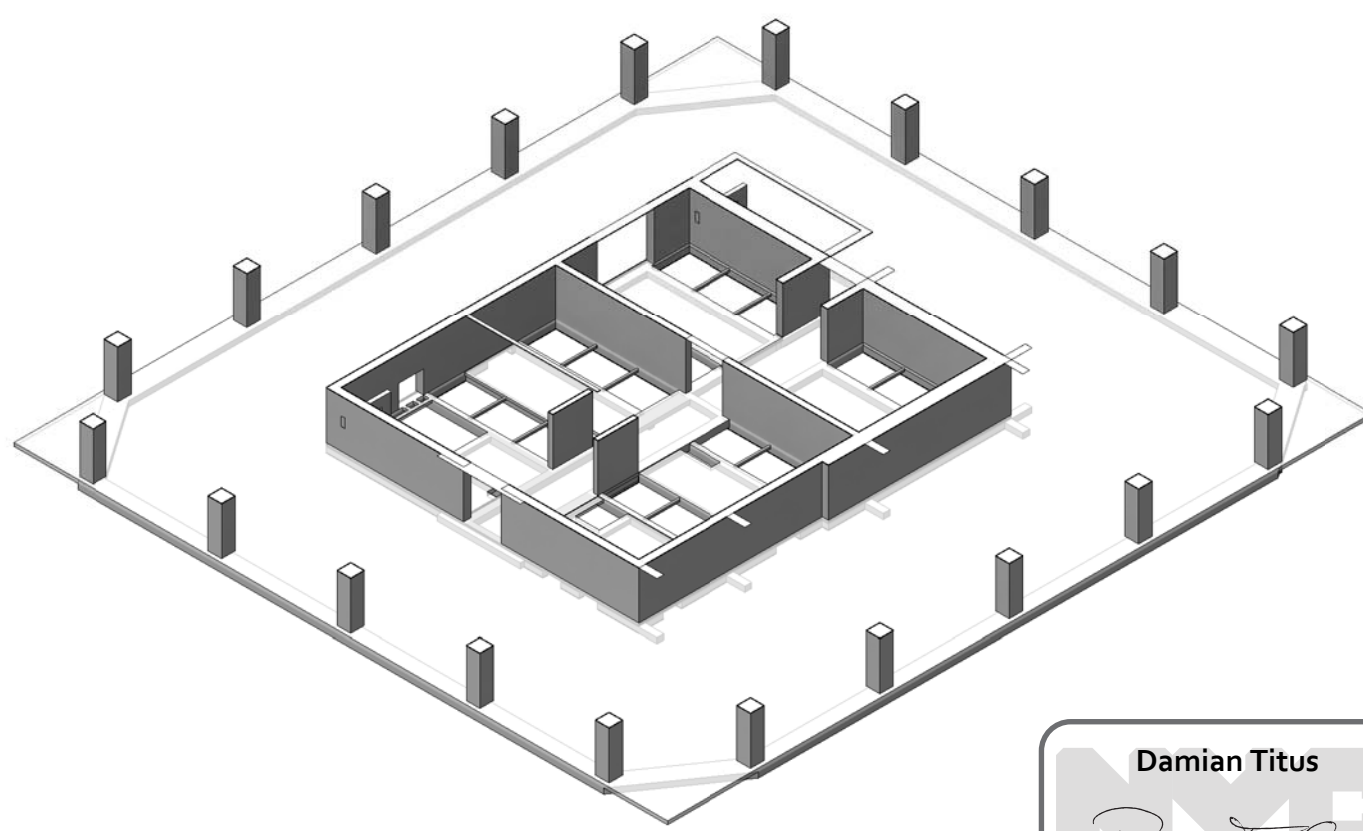
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15-16 FRAMING PLAN



1 14TH-15TH FLOOR (MARKETING 15-16) FRAMING PLAN  
S-140  
SCALE: 3/16" = 1'-0"  
NOTES:  
1. FOR T/S LAB ELEVATION 14TH FL. @ 229'-7"  
15TH FL. @ 231'-1" U.O.N. THIS ( ) ON PLAN  
2. SLAB TO BE 9" THICK PT. LIGHT-WEIGHT CONCRETE U.O.N. THIS ( ) ON PLAN  
3. UNLESS NOTED ON THIS DWG. FOR SLAB OUTSIDE CORE, REFER TO DWG. S-110 FOR  
PT. & REINFORCEMENT LAYOUTS  
4. UNLESS NOTED ON THIS DWG. FOR SLAB REINFORCEMENT LAYOUT INSIDE CORE, REFER TO DWG. S-110  
5. FOR BALANCE OF NOTES SEE DWG. FD-102

MATERIAL NOTES  
1. ALL SLABS TO BE LIGHT-WEIGHT CONCRETE  
MAXIMUM DENSITY 120LB/CF AND FC = 7000 PSI  
2. ALL COLUMN AND SHEAR WALLS TO BE NORMAL WEIGHT  
CONCRETE

LOAD TABLE (OUTSIDE CORE AREA)			
DL	SDL	LL	FACADE
SLAB WEIGHT (VARIES)	35 PSF	150 PSF	730 PLF



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No.	Description	Date
1	D.O.B. BUILDING PERMIT FILING	05/01/2015
	100% CONSTRUCTION DOCUMENTS	04/03/2015

Key Plan

Issue Date: 04/03/2015  
Project No: 1305480  
Drawn By: CADD  
Sheet Number: 1305480-S-140

14TH-15TH FLOOR  
(MARKETING 15-16)  
FRAMING PLAN

S-140.00



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10001



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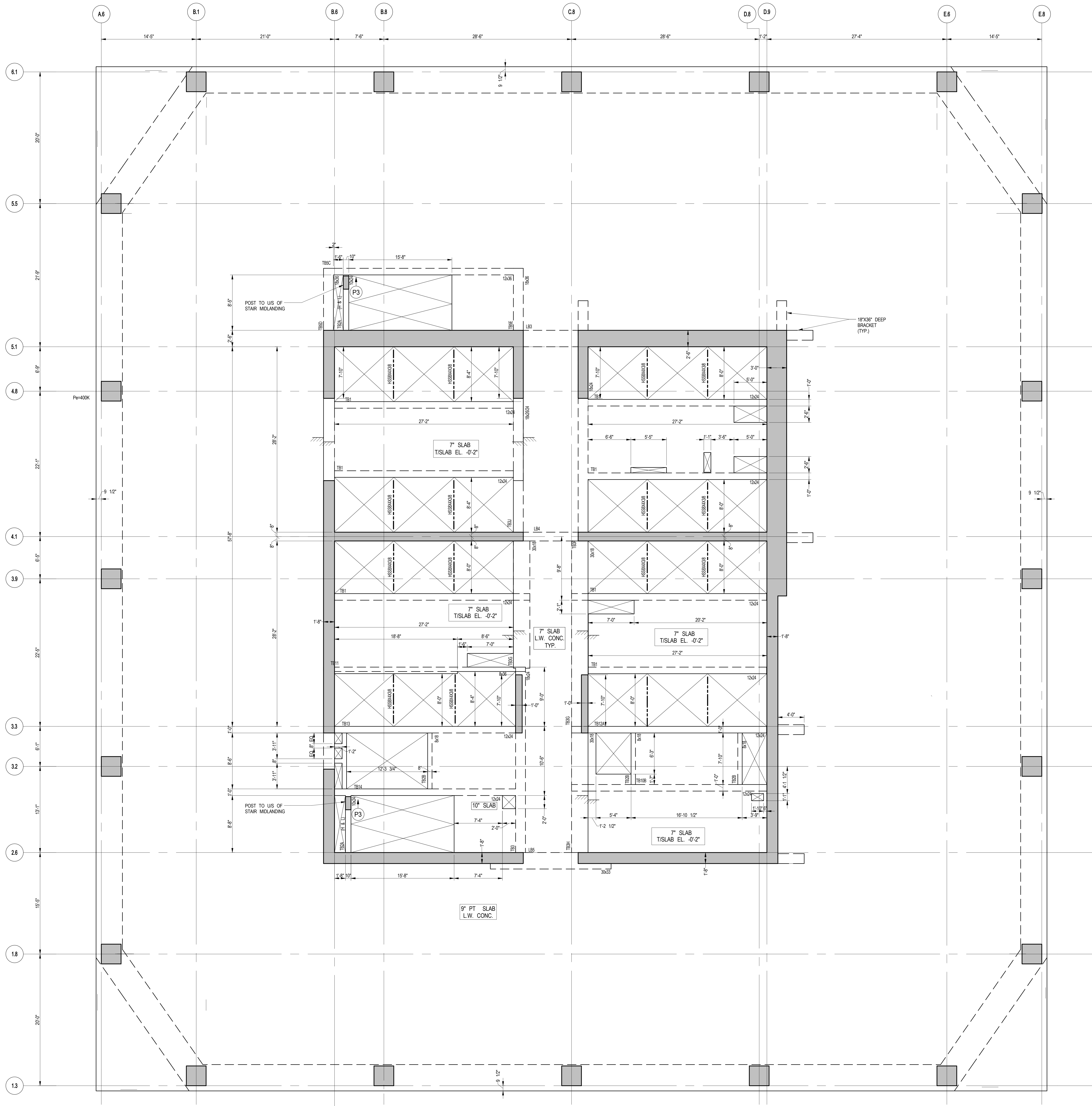
Oxford Properties Group  
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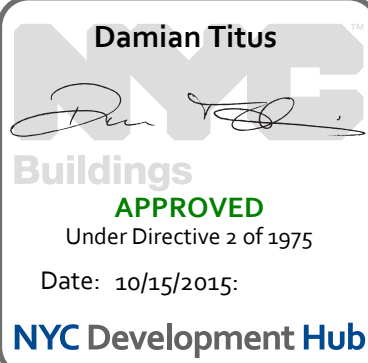
Structural Engineer  
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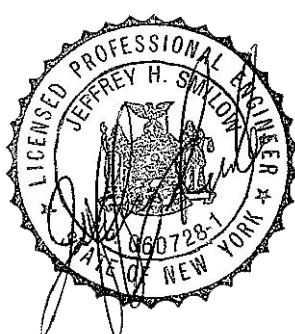


1 14TH-15TH FLOOR (MARKETING 15-16) G.A. PLAN

SCALE: 3/16" = 1'-0"  
NOTES:  
1. FOR TISLAB ELEVATION 14TH FL @ 239'-7"  
15TH FL @ 253'-1" U.O.N. THIS  
2. SLAB TO BE 9" THICK PT. LIGHTWEIGHT CONCRETE U.O.N. THIS ON PLAN  
3. FOR BALANCE OF NOTES SEE CORRESPONDING FRAMING PLAN.

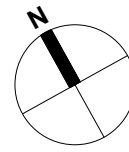


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Project No: 1305480  
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Sheet Number: 1305480-S-149



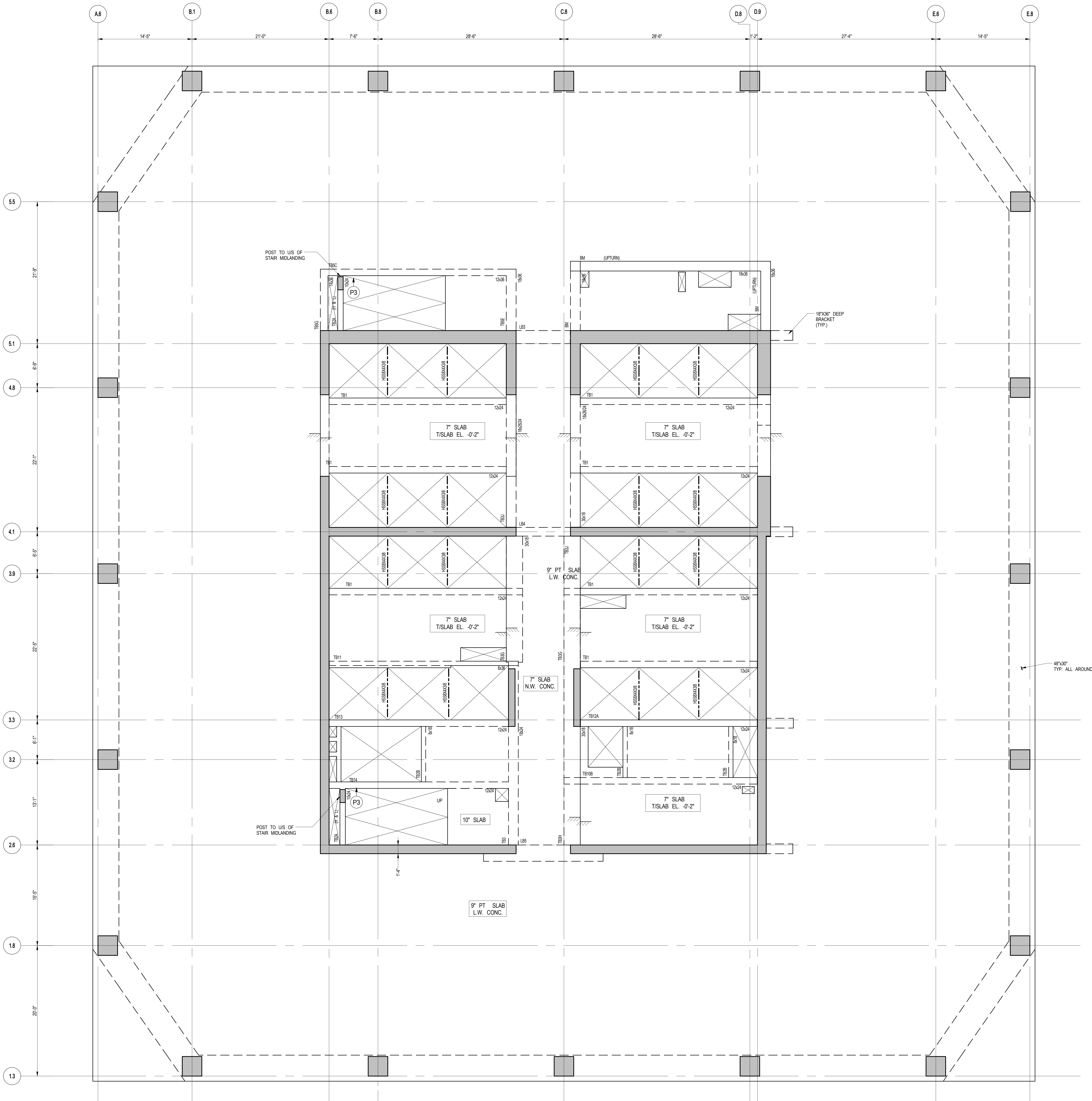
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14TH-15TH FLOOR  
(MARKETING 15-16) G.A.  
PLAN

Sheet Number  
S-149.00





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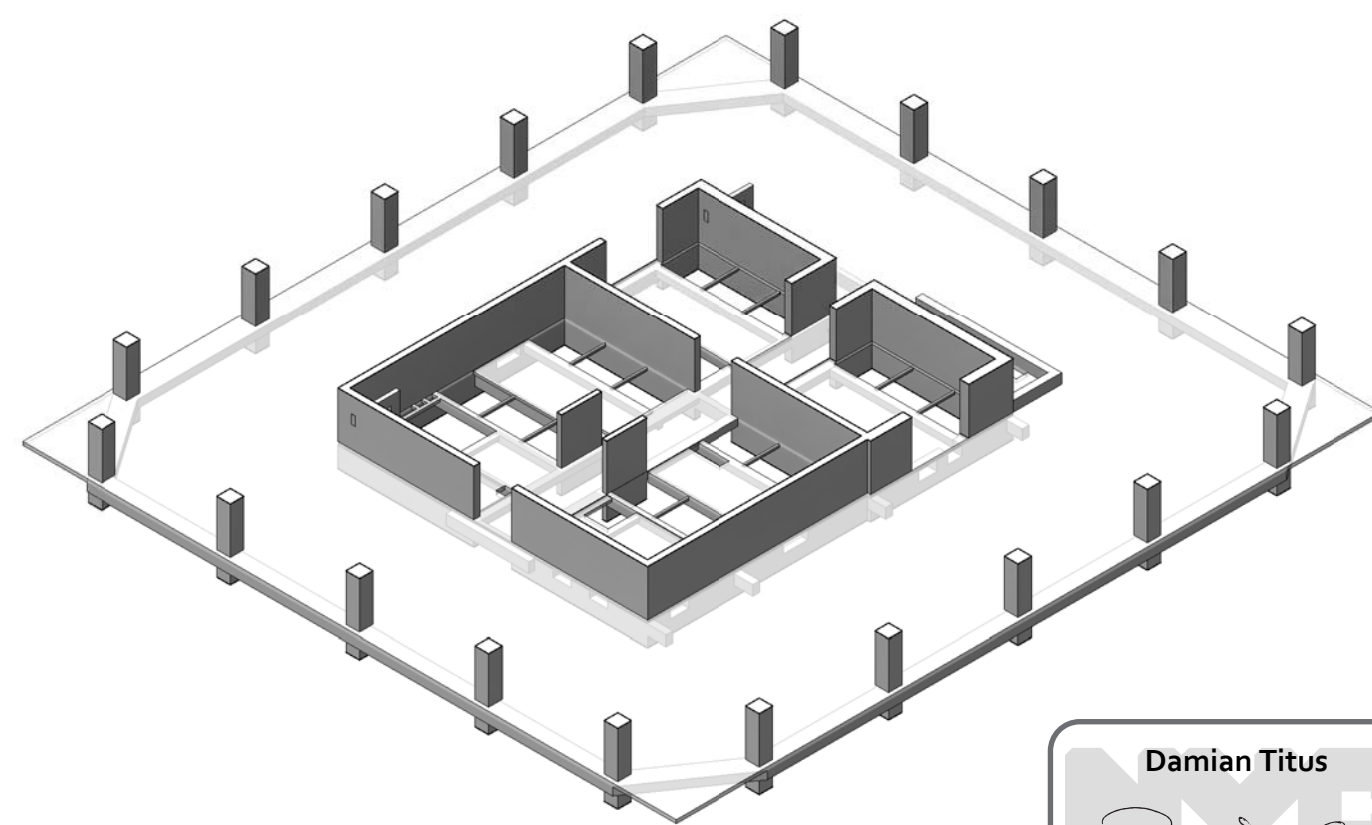


1 16TH FLOOR (MARKETING 17) FRAMING PLAN

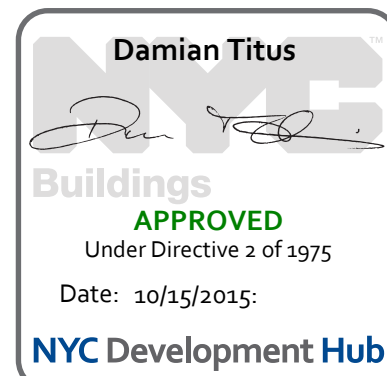
SCALE: 3/16" = 1'-0"  
NOTES:  
1. T/SLAB ELEVATION @ EL. -0'-2" U.O.N. THIS PLAN.  
2. SLAB TO BE 7" THICK PT. LT. WT. CONC. U.O.N. THIS PLAN.  
3. UNLESS NOTED ON THIS DWG. FOR SLABS OUTSIDE CORE, REFER TO DWG. S-110 FOR PT. & REINFORCEMENT LAYOUTS.  
4. UNLESS NOTED ON THIS DWG. FOR SLAB REINFORCEMENT LAYOUT INSIDE CORE, REFER TO DWG. S-110.  
5. FOR BALANCE OF NOTES SEE DWG. PD-120.

MATERIAL NOTES  
1. ALL SLABS TO BE LIGHT-WEIGHT CONCRETE.  
(MAXIMUM DENSITY 120 lb/m<sup>3</sup> AND f<sub>c</sub> = 7000 psi)  
2. ALL COLUMN AND SHEAR WALLS TO BE NORMAL WEIGHT CONCRETE.

LOAD TABLE (OUTSIDE CORE AREA)			
DL	SDL	LL	FACADE
SLAB WEIGHT (VARIES)	35 PSF	150 PSF	730 PLF



3D VIEW



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No.	Description	Date
1	T.B.D. ABOVE FOUNDATION	XX/XX/2015
1	D.O.B. BUILDING PERMIT FILING	05/01/2015
1	100% CONSTRUCTION DOCUMENTS	04/03/2015

Key Plan

Issue Date: 04/03/2015  
Project No: 1305480  
Drawn By: CADD  
Sheet Number: 1305480-S-160



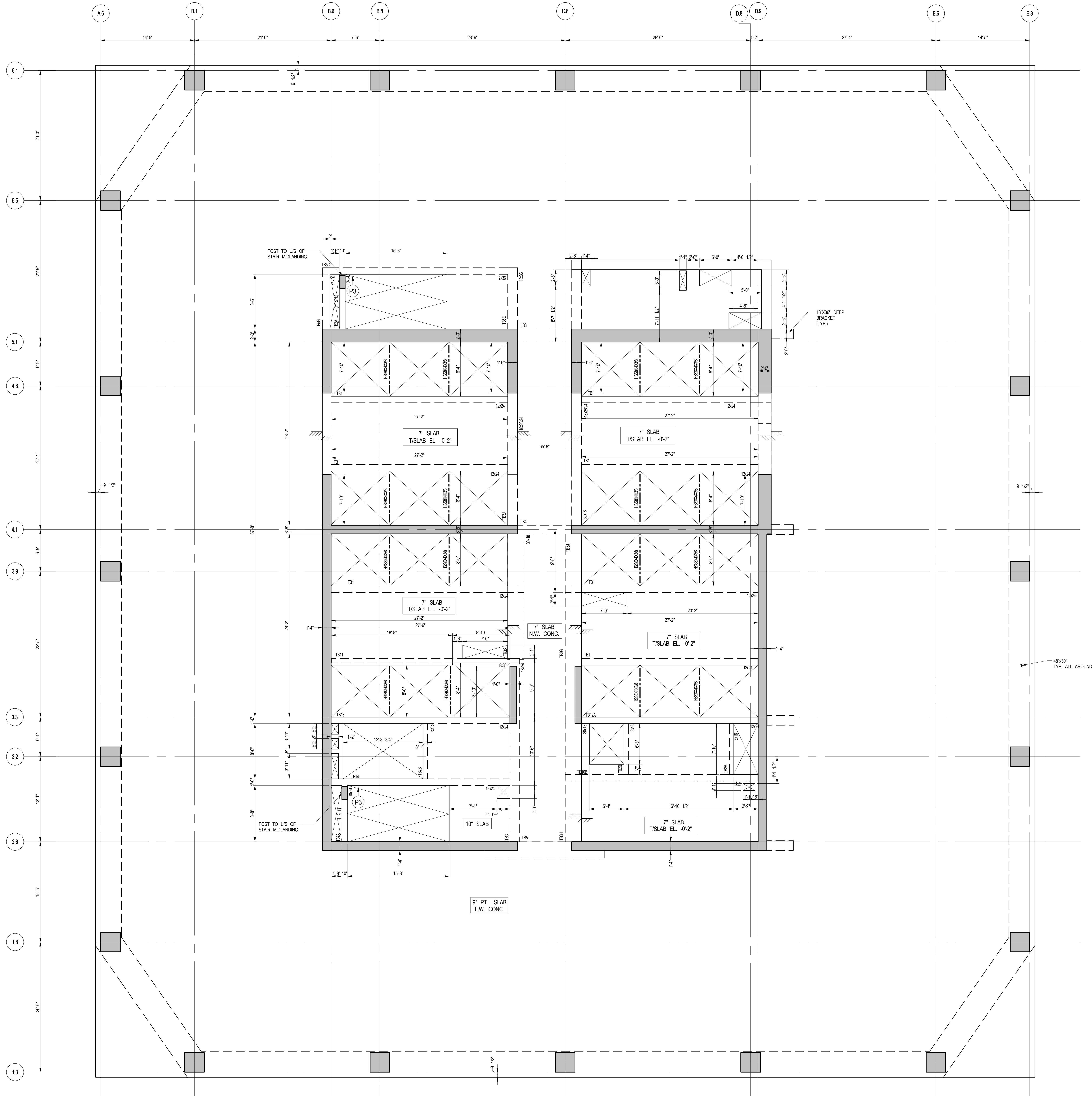
16TH FLOOR (MARKETING 17) FRAMING PLAN

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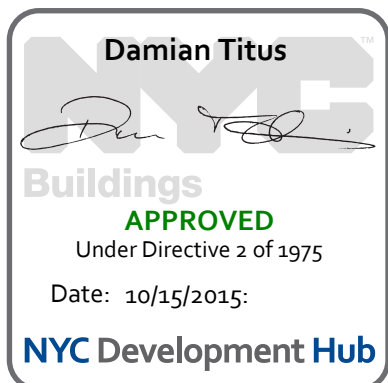
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1 16TH FLOOR (MARKETING 17) G.A. PLAN  
SCALE: 3/16" = 1'-0"  
NOTES:  
1. T/S LAB ELEVATION @ EL. 266'-7" U.O.N. THIS [ ] ON PLAN.  
2. SLAB TO BE 9" THICK PT. LT. WT. CONC. U.O.N. THIS [ ] ON PLAN.  
3. FOR BALANCE OF NOTES SEE CORRESPONDING FRAMING PLAN.



## 55 HUDSON YARDS

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No.	Description	Date
1	D.O.B. BUILDING PERMIT FILING	05/01/2015
	100% CONSTRUCTION DOCUMENTS	04/03/2015

Key Plan

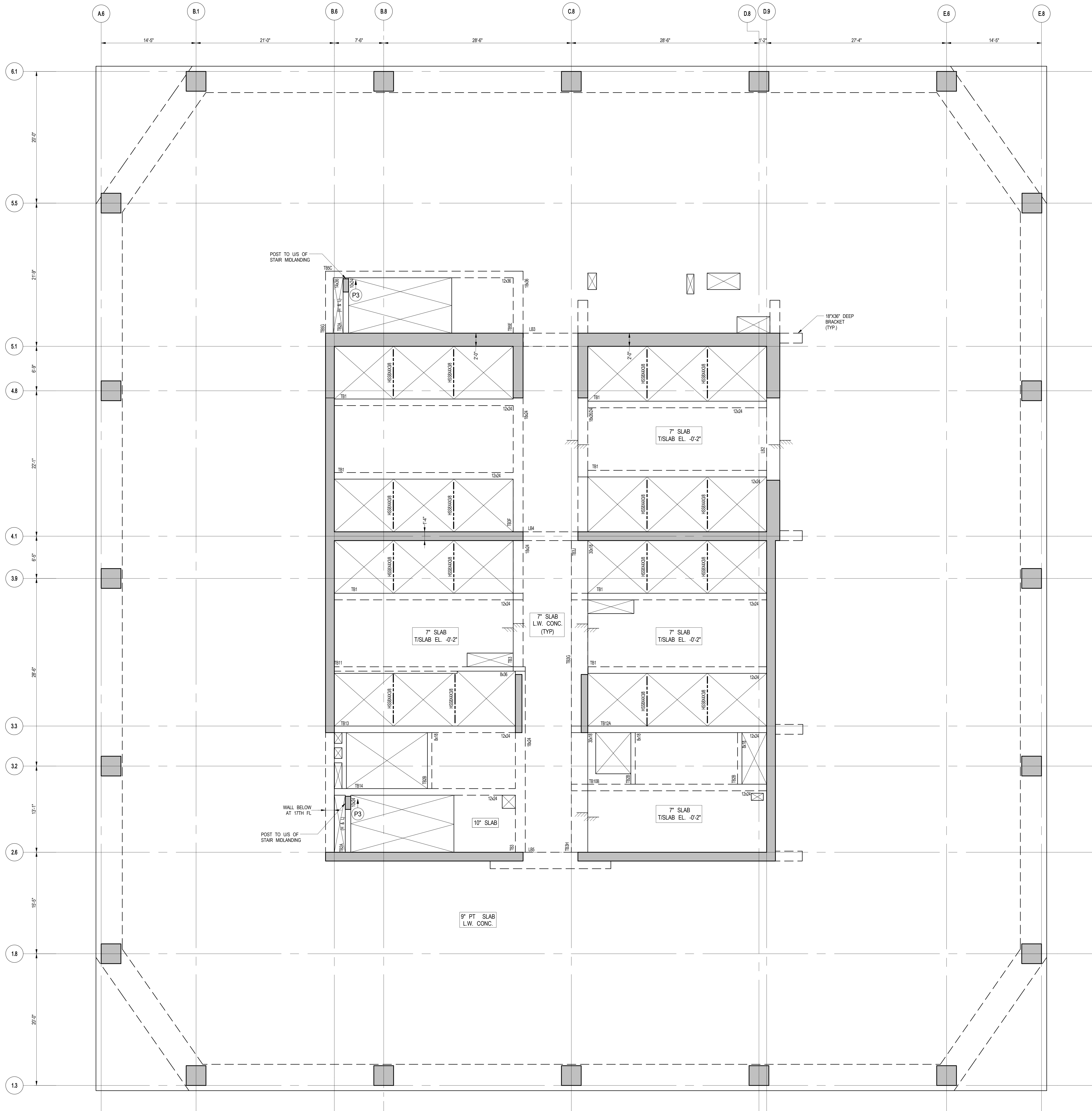
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Project No: 1305480  
Drawn By: CADD  
Sheet Number: 1305480-S-169

Drawing Title  
16TH FLOOR (MARKETING 17) G.A. PLAN

Sheet Number  
S-169.00



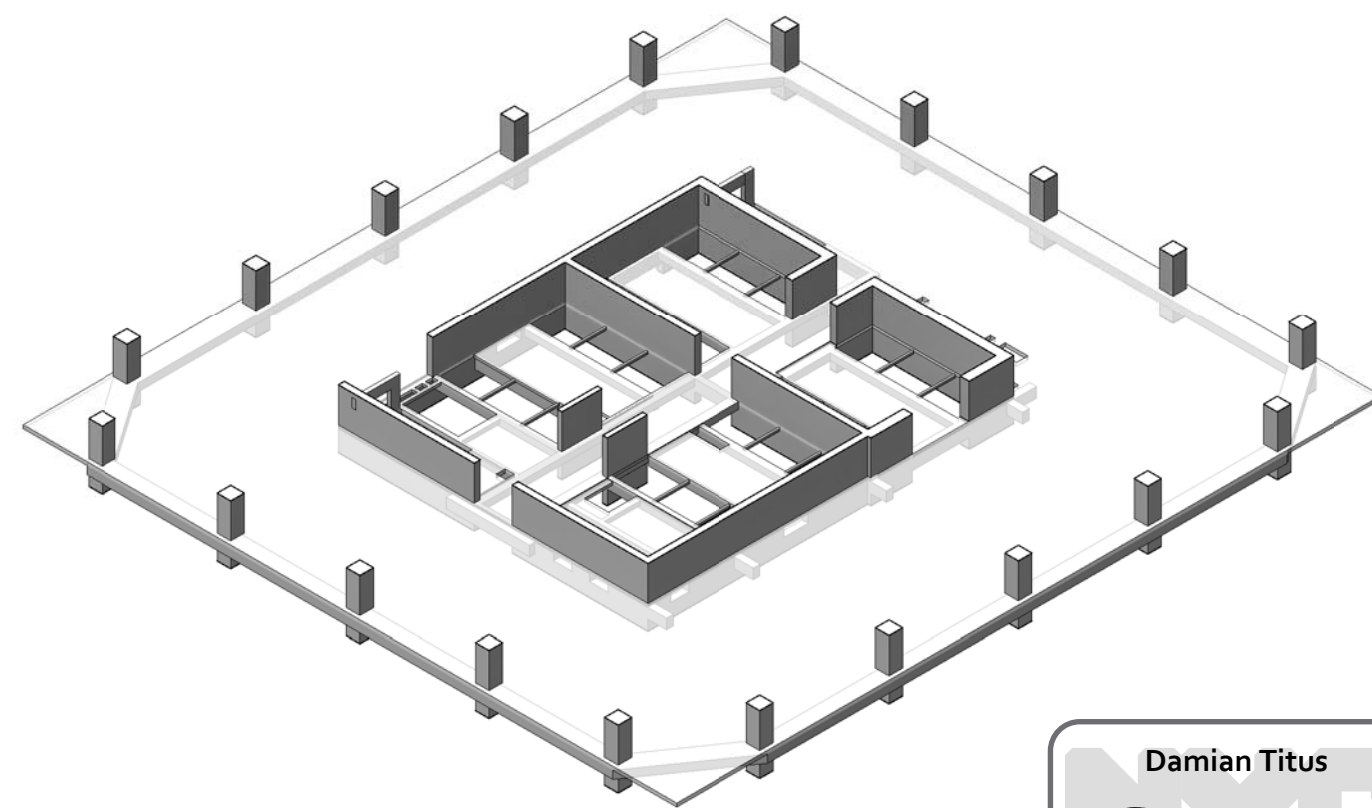
17TH FLOOR (MARKETING 18) FRAMING PLAN  
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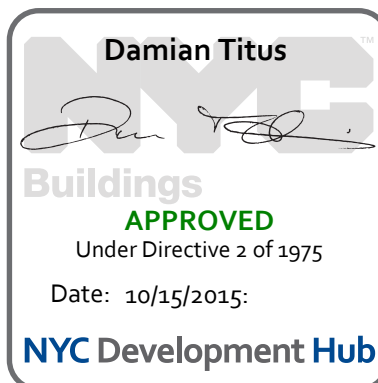
1 17TH FLOOR (MARKETING 18) FRAMING PLAN  
S-170 SCALE: 3/16" = 1'-0"

MATERIAL NOTES  
1. ALL SLABS TO BE LIGHT-WEIGHT CONCRETE (MAXIMUM DENSITY 120 lb/cu ft AND  $f_c = 7000$  psi).  
2. ALL COLUMNS AND SHEAR WALLS TO BE NORMAL WEIGHT CONCRETE.  
3. UNLESS NOTED ON THIS DWG. FOR SLAB OUTSIDE CORE REFER TO DWG. S-110 FOR PT. & REINFORCEMENT LAYOUTS.  
4. UNLESS NOTED ON THIS DWG. FOR SLAB REINFORCEMENT LAYOUT INSIDE CORE, REFER TO DWG. S-110.  
5. FOR BALANCE OF NOTES SEE DWG. FQ-100.

LOAD TABLE (OUTSIDE CORE AREA)			
DL	SDL	LL	FACADE
SLAB WEIGHT (VARIES)	35 PSF	150 PSF	730 PLF



3D VIEW



## 55 HUDSON YARDS

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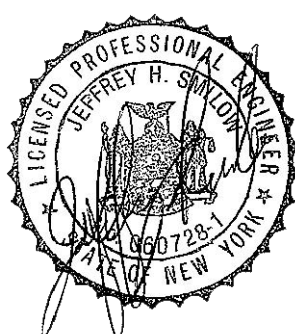
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No.	Description	Date
1	D.O.B. BUILDING PERMIT FILING	05/01/2015
	100% CONSTRUCTION DOCUMENTS	04/03/2015

Key Plan

Issue Date: 04/03/2015  
Project No: 1305480  
Drawn By: CADD  
Sheet Number: 1305480-S-170



17TH FLOOR (MARKETING 18) FRAMING PLAN

Sheet Number  
**S-170.00**

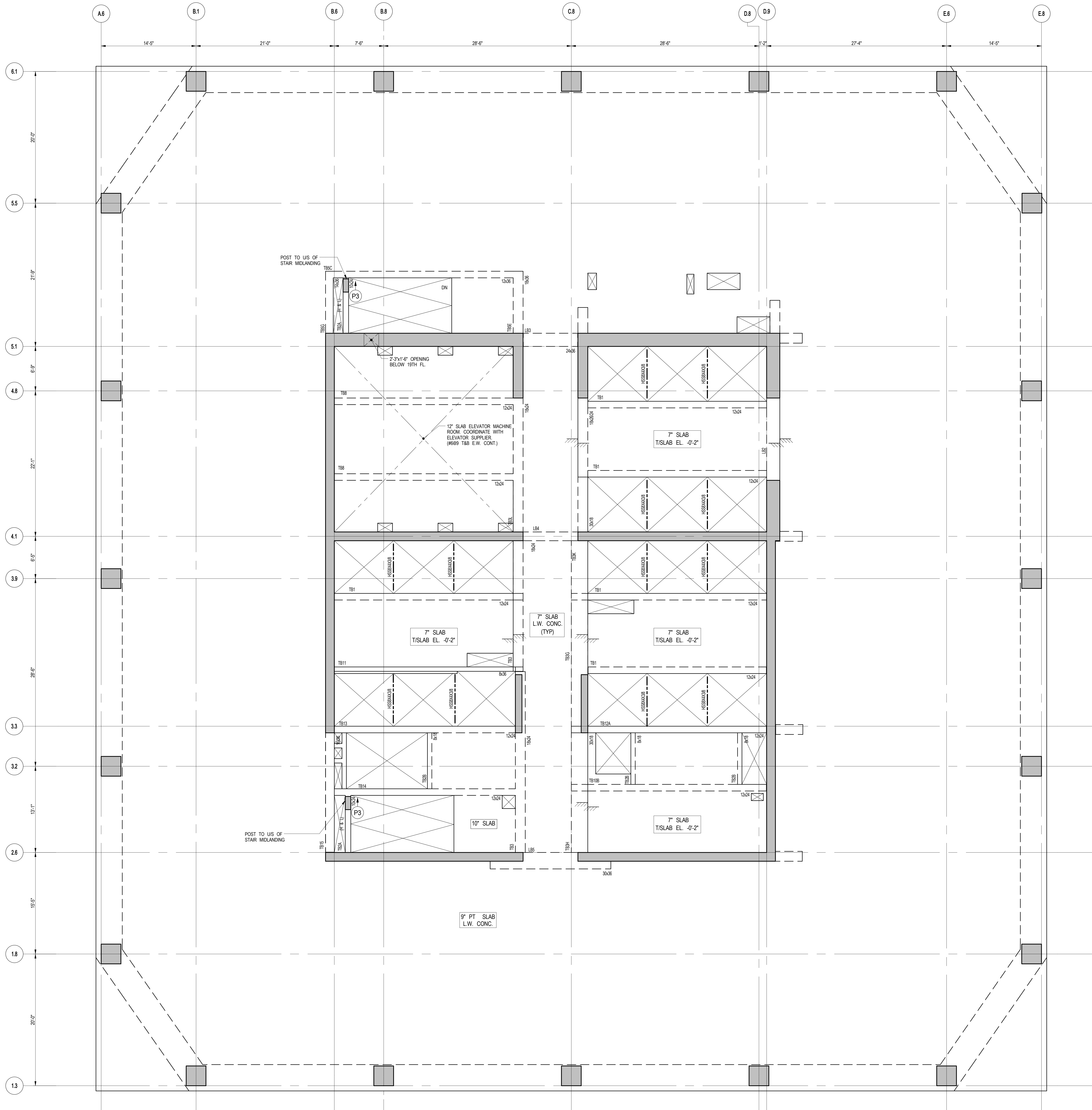
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18TH FLOOR (MARKETING 19) FRAMING PLAN  
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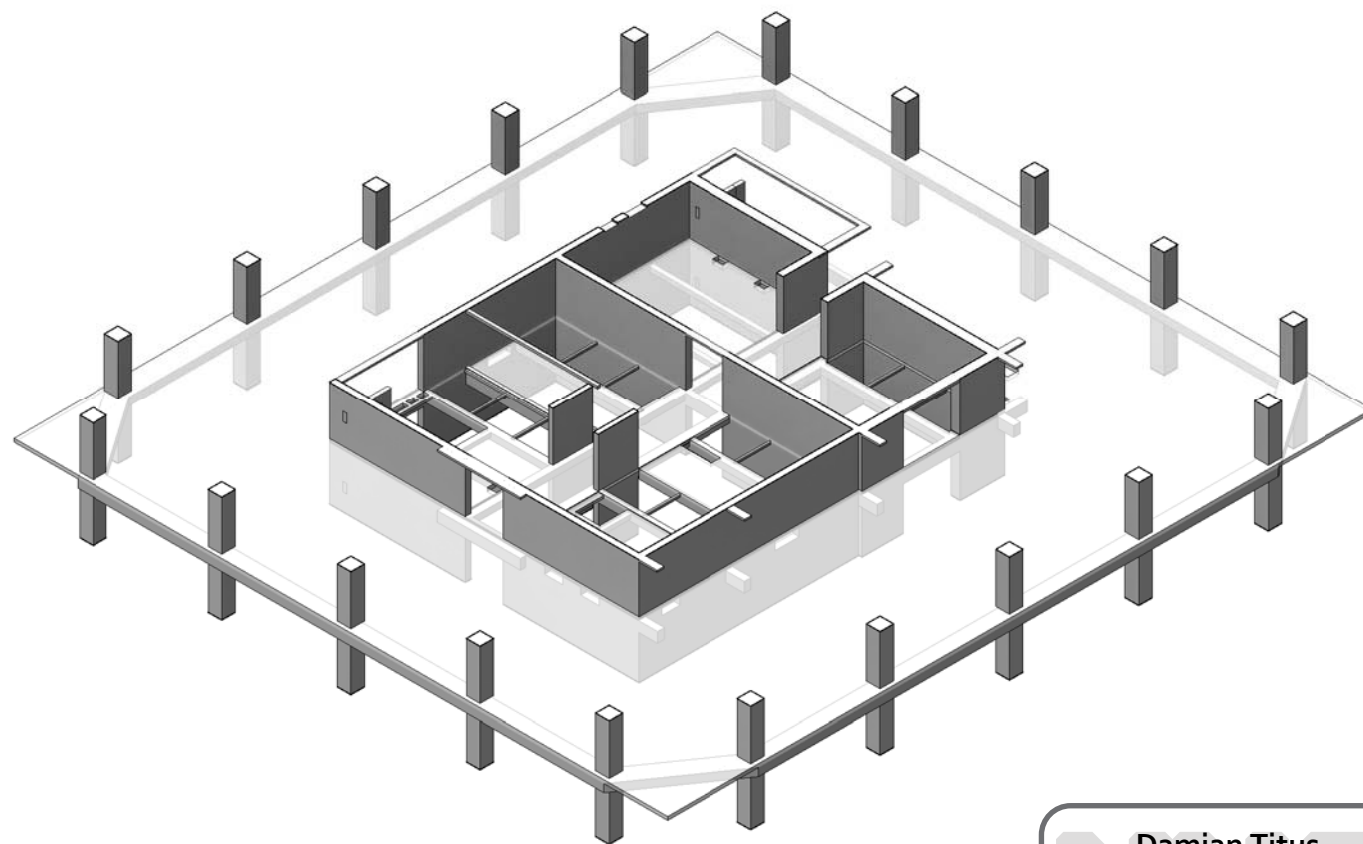


1 18TH FLOOR (MARKETING 19) FRAMING PLAN

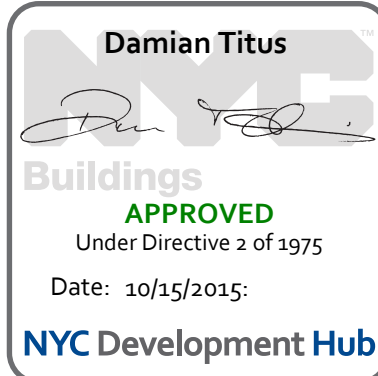
- NOTES:
1. TISLAB ELEVATION @ EL. 293'-7\"/>

- MATERIAL NOTES
1. ALL SLABS TO BE LIGHT-WEIGHT CONCRETE (MAXIMUM DENSITY 120 lb/cu ft AND  $f_c = 7000$  psi).
  2. ALL COLUMNS AND SHEAR WALLS TO BE NORMAL WEIGHT CONCRETE.

LOAD TABLE (OUTSIDE CORE AREA)			
DL	SDL	LL	FACADE
SLAB WEIGHT (VARIES)	35 PSF	150 PSF	730 PLF



3D VIEW



## 55 HUDSON YARDS

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No.	Description	Date
1	D.O.B. BUILDING PERMIT FILING	05/01/2015
	100% CONSTRUCTION DOCUMENTS	04/03/2015

Key Plan

Issue Date: 04/03/2015  
Project No: 1305480  
Drawn By: CADD  
Sheet Number: 1305480-S-180



## 18TH FLOOR (MARKETING 19) FRAMING PLAN

Drawing Number  
**S-180.00**

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DEPT OF BUILDINGS PERMIT NO. 1305480

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Tel: 212.801.1000 Fax: 212.801.1048

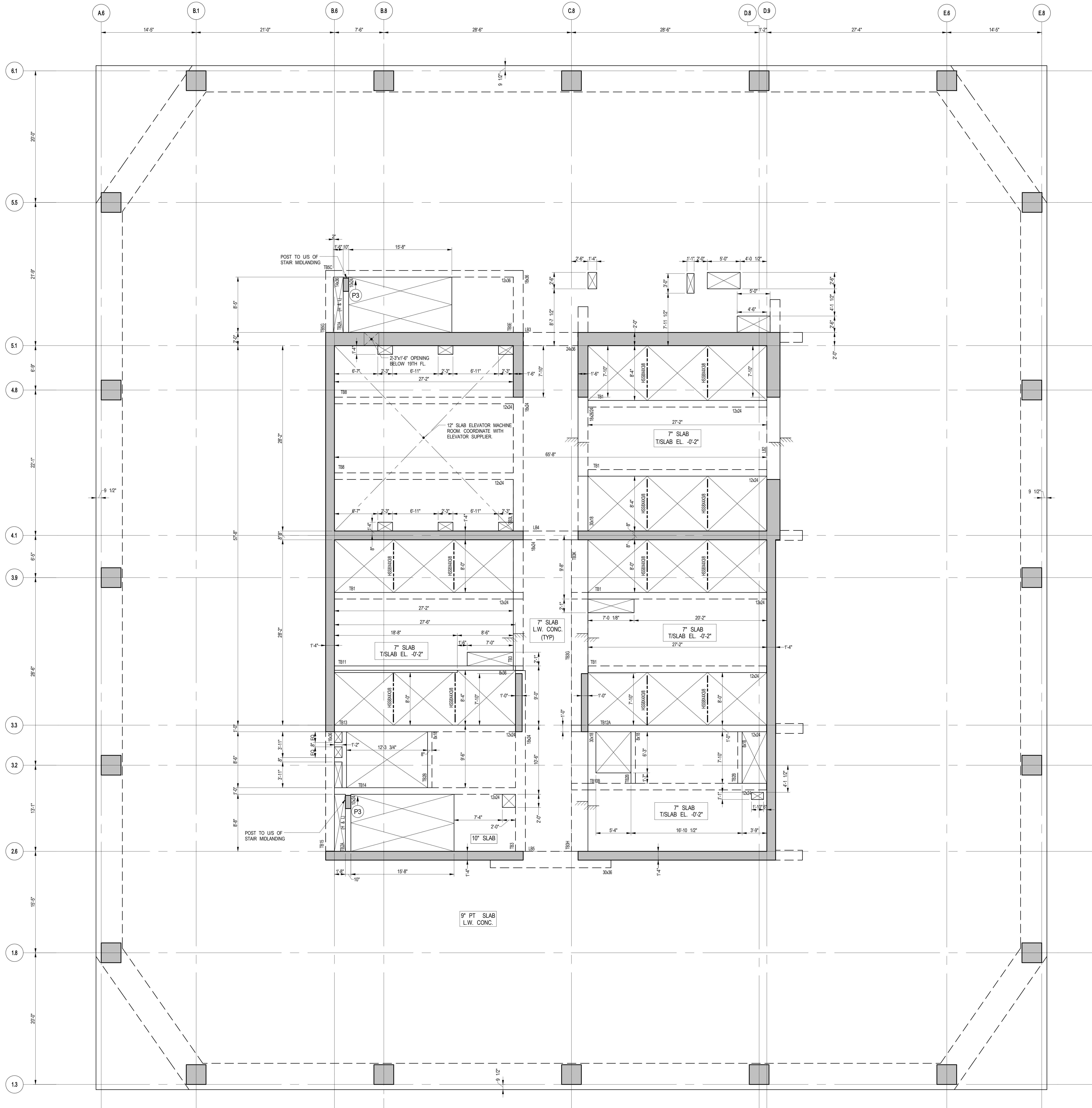
Oxford Properties Group  
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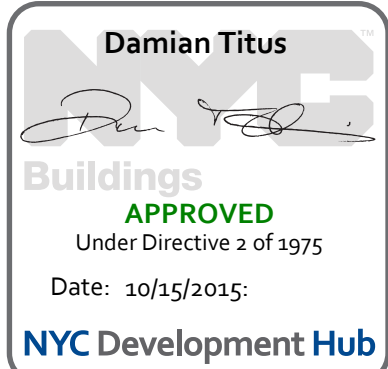
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WSP  
512 Seventh Avenue  
New York, NY 10018  
Tel: 212.533.9600



1 18TH FLOOR (MARKETING 19) G.A. PLAN

SCALE: 3/16" = 1'-0"

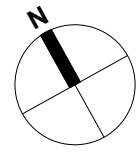
- NOTES
1. T/SLAB ELEVATION @ EL. 203'-7" U.O.N. THIS [ ] ON PLAN.
  2. SLAB TO BE 9" THICK PT. LT. WT. CONC. U.O.N. THIS [ ] ON PLAN.
  3. FOR BALANCE OF NOTES SEE CORRESPONDING FRAMING PLAN.



Issue Date: 04/03/2015  
Project No: 1305480  
Drawn By: CADD  
Sheet Number: 1305480-S-189

Project Title  
18TH FLOOR  
(MARKETING 19) G.A.  
PLAN

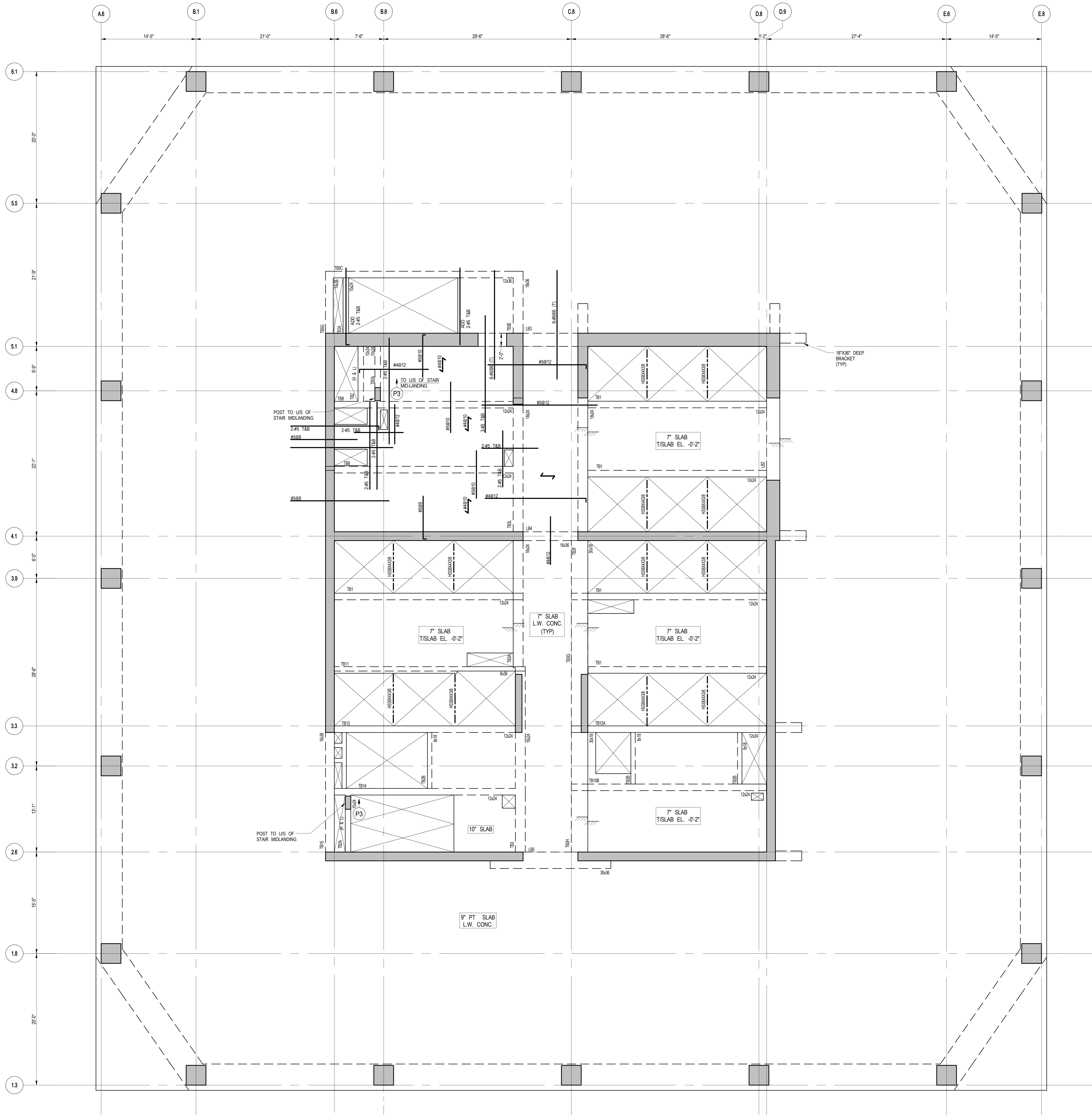
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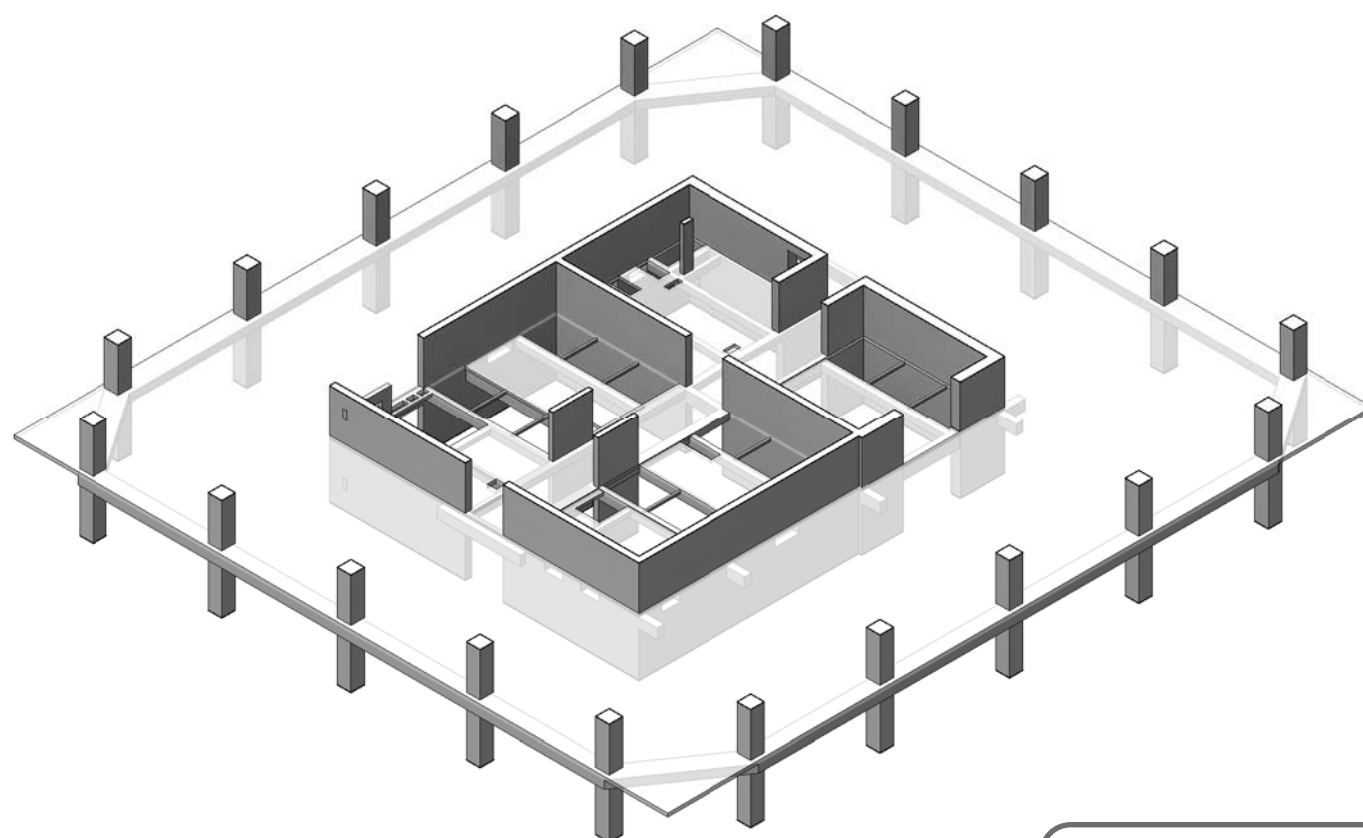


1 19TH FLOOR (MARKETING 20) FRAMING PLAN

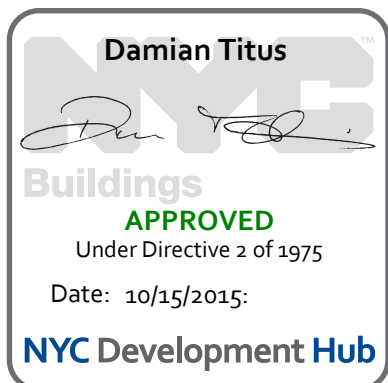
- SCALE: 3/16" = 1'-0"
- NOTES:
1. T/S LAB ELEVATION @ EL. 307'-1" U.O.N. THIS PLAN.
  2. SLAB TO BE 9" THICK PT. LT. WT. CONC. U.O.N. THIS PLAN.
  3. UNLESS NOTED ON THIS DWG., FOR SLAB OUTSIDE CORE, REFER TO DWG. S-110 FOR PT. & REINFORCEMENT LAYOUTS.
  4. UNLESS NOTED ON THIS DWG., FOR SLAB REINFORCEMENT LAYOUT INSIDE CORE, REFER TO DWG. S-110.
  5. FOR BALANCE OF NOTES SEE DWG. PD-120.

- MATERIAL NOTES:
1. ALL SLABS TO BE LIGHT-WEIGHT CONCRETE (MAXIMUM DENSITY 120 lb/cu yd AND  $f_c = 7000$  psi).
  2. ALL COLUMNS AND SHEAR WALLS TO BE NORMAL WEIGHT CONCRETE.

LOAD TABLE (OUTSIDE CORE AREA)			
DL	SDL	LL	FACADE
SLAB WEIGHT (VARIES)	35 PSF	150 PSF	730 PLF



3D VIEW



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No.	Description	Date
1	D.O.B. BUILDING PERMIT FILING	05/01/2015
	100% CONSTRUCTION DOCUMENTS	04/03/2015

Key Plan

Issue Date: 04/03/2015  
Project No: 1305480  
Drawn By: CADD  
Sheet Number: 1305480-S-190



## 19TH FLOOR (MARKETING 20) FRAMING PLAN

Sheet Number  
**S-190.00**

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New York, NY 10018  
Tel: 212.532.9600

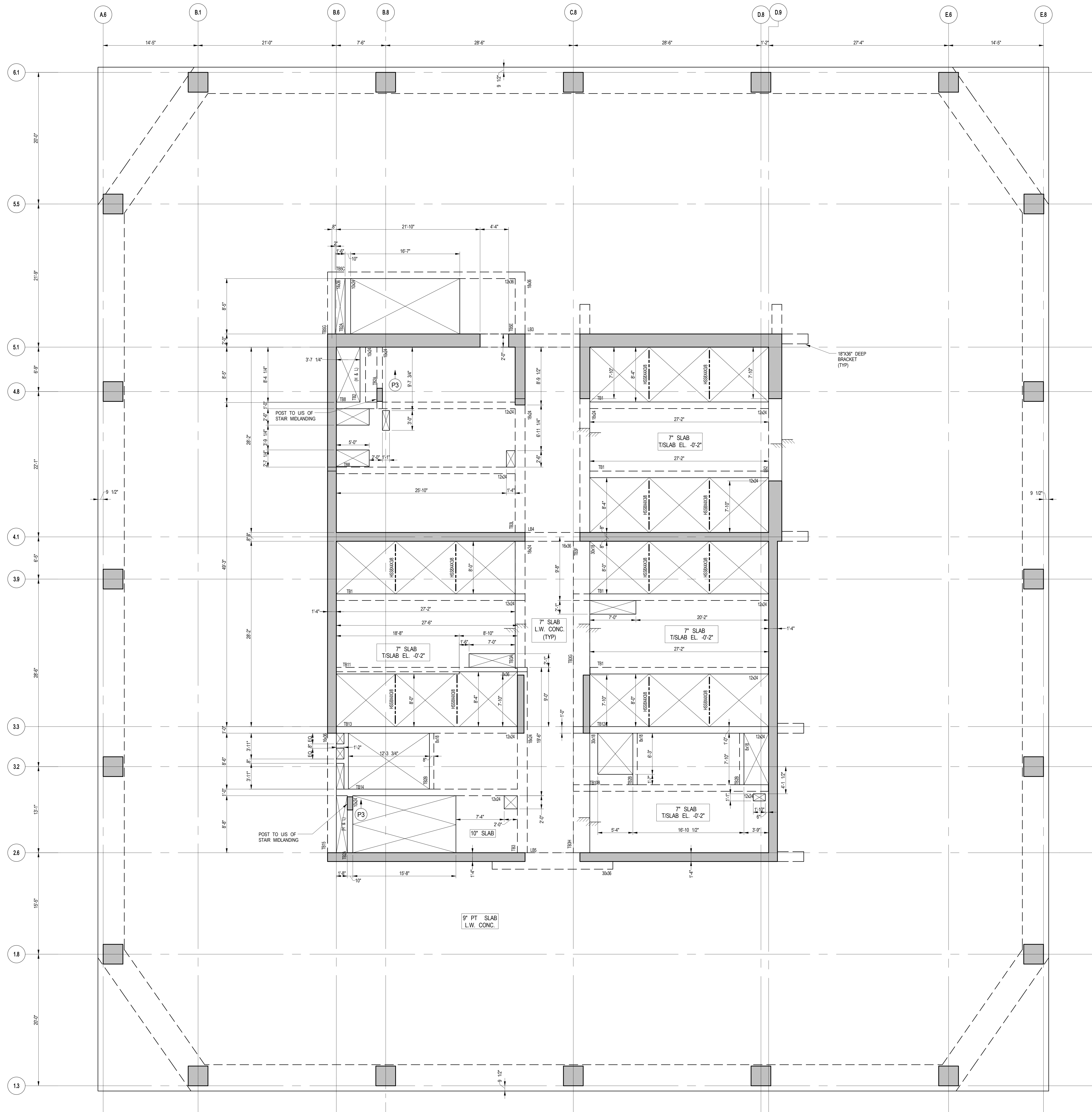
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Key Phc

Issue Date:	04/03/2015
Project No.	1305480
Drawn By	CADD
Sheet Number	1305480-S-199

*Drawing Title*  
**19TH FLOOR  
(MARKETING 20) G.A.  
PLAN**

*Drafting Number*  
**S-199.00**

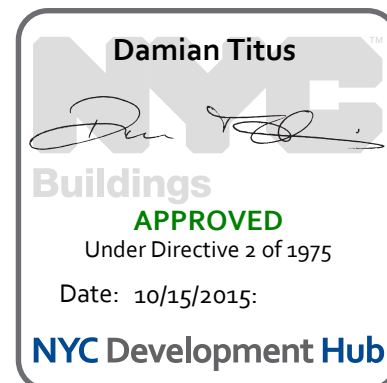


1 19TH FLOOR (MARKETING 20) G.A. PLAN

SCALE: 3/16" = 1'-0"

NOTES:

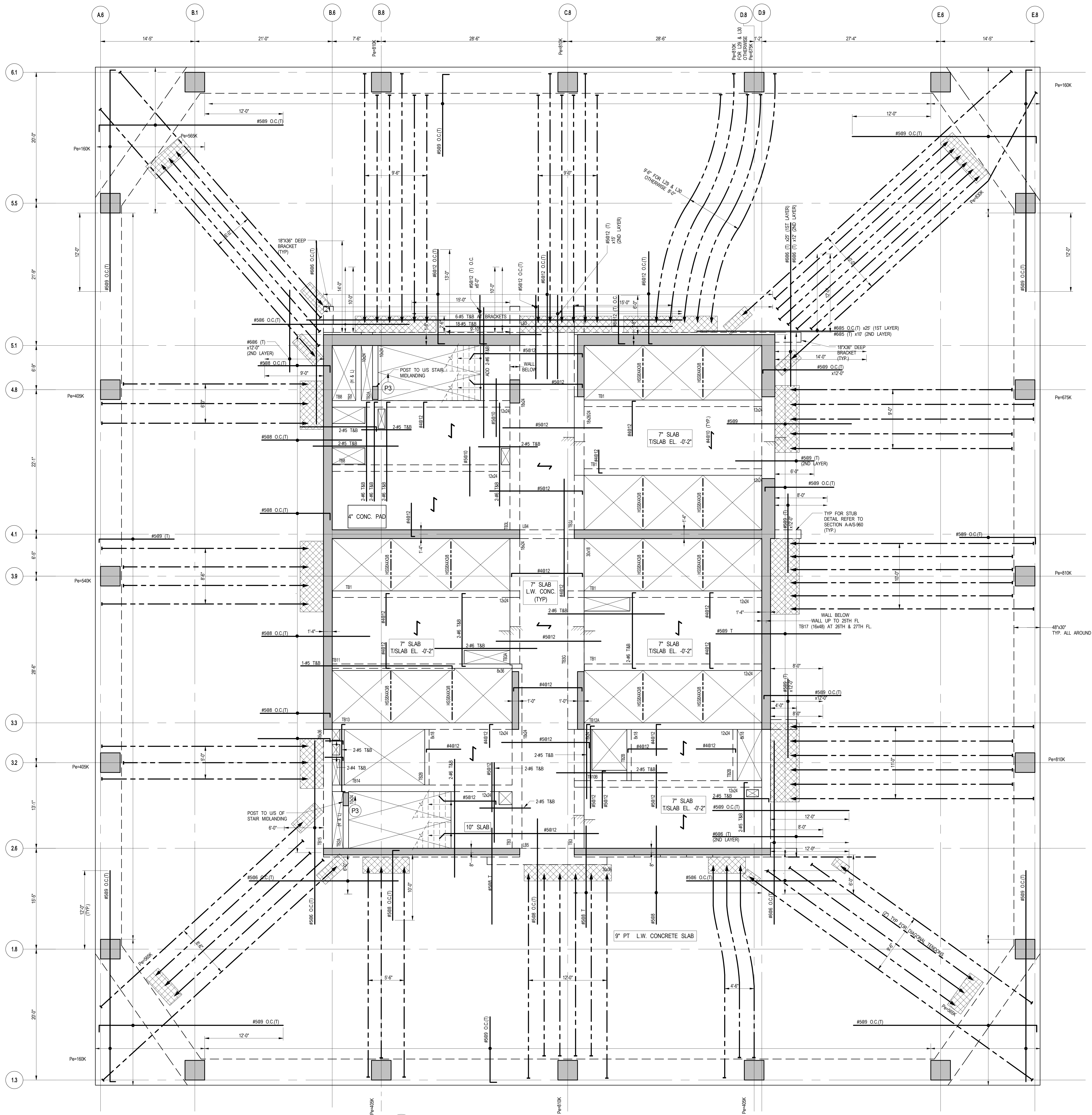
1. T/SLAB ELEVATION @ EL. 307'-1" U.O.N. THUS ☐ ON PLAN.
2. SLAB TO BE 9" THICK PT. LT. WT. CONC. U.O.N. THUS ☐ ON PLAN.
3. FOR BALANCE OF NOTES SEE CORRESPONDING FRAMING PLAN.





S-200  
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20TH FLOOR (MARKETING 21) FRAMING PLAN  
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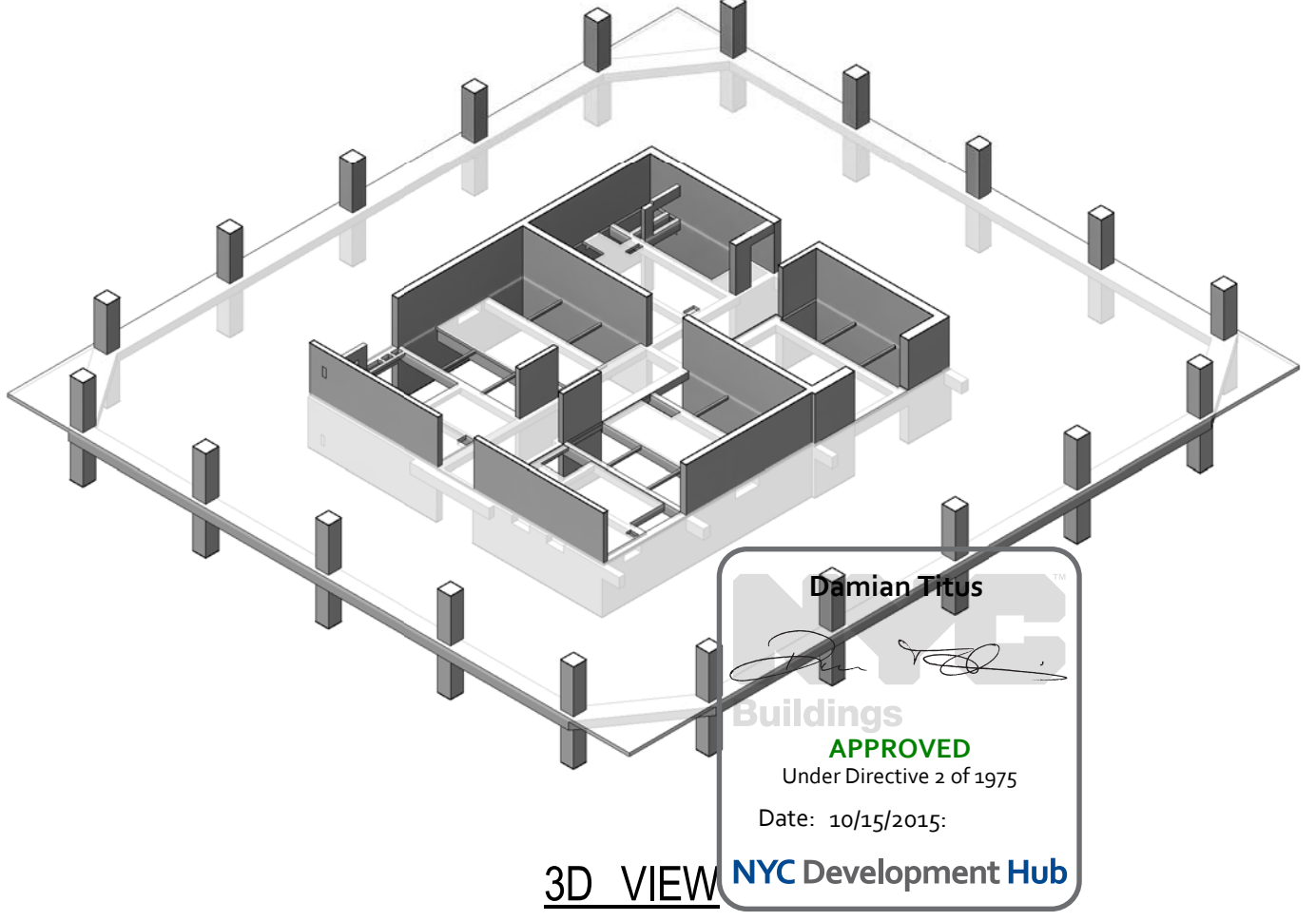


1 20TH FLOOR (MARKETING 21) FRAMING PLAN  
SCALE: 3/16" = 1'-0"

- NOTES
1. SLAB ELEVATION @ EL. 120'-7" U.O.N. ON PLAN.
  2. SLAB TO BE 9" THICK PT. LT. WT. CONC. U.O.N. THIS ON PLAN.
  3. BOTTOM MAT REINF. TO BE:
- #4@10 EW CONT. FOR 10" RC SLAB INSIDE CORE  
#4@10 EW CONT. FOR 9" PT. SLAB  
#5@9 EW CONT. FOR 10" SLAB  
#4@10 CONT. MAIN BARS AND #4@14 CONT. TEMPERATURE BARS FOR 7" RC SLAB INSIDE CORE  
4. FOR BALANCE OF NOTES SEE DWG. FD-120

- MATERIAL NOTES
1. ALL SLABS TO BE LIGHT-WEIGHT CONCRETE (MAXIMUM DENSITY 12000 AND  $f_c$  = 7000 psi).
  2. ALL COLUMNS AND SHEAR WALLS TO BE NORMAL WEIGHT CONCRETE.

LOAD TABLE (OUTSIDE CORE AREA)			
DL	SDL	LL	FACADE
SLAB WEIGHT (VARIES)	35 PSF	150 PSF	730 PLF



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No.	Description	Date
1	D.O.B. BUILDING PERMIT FILING	05/01/2015
	100% CONSTRUCTION DOCUMENTS	04/03/2015

Key Plan

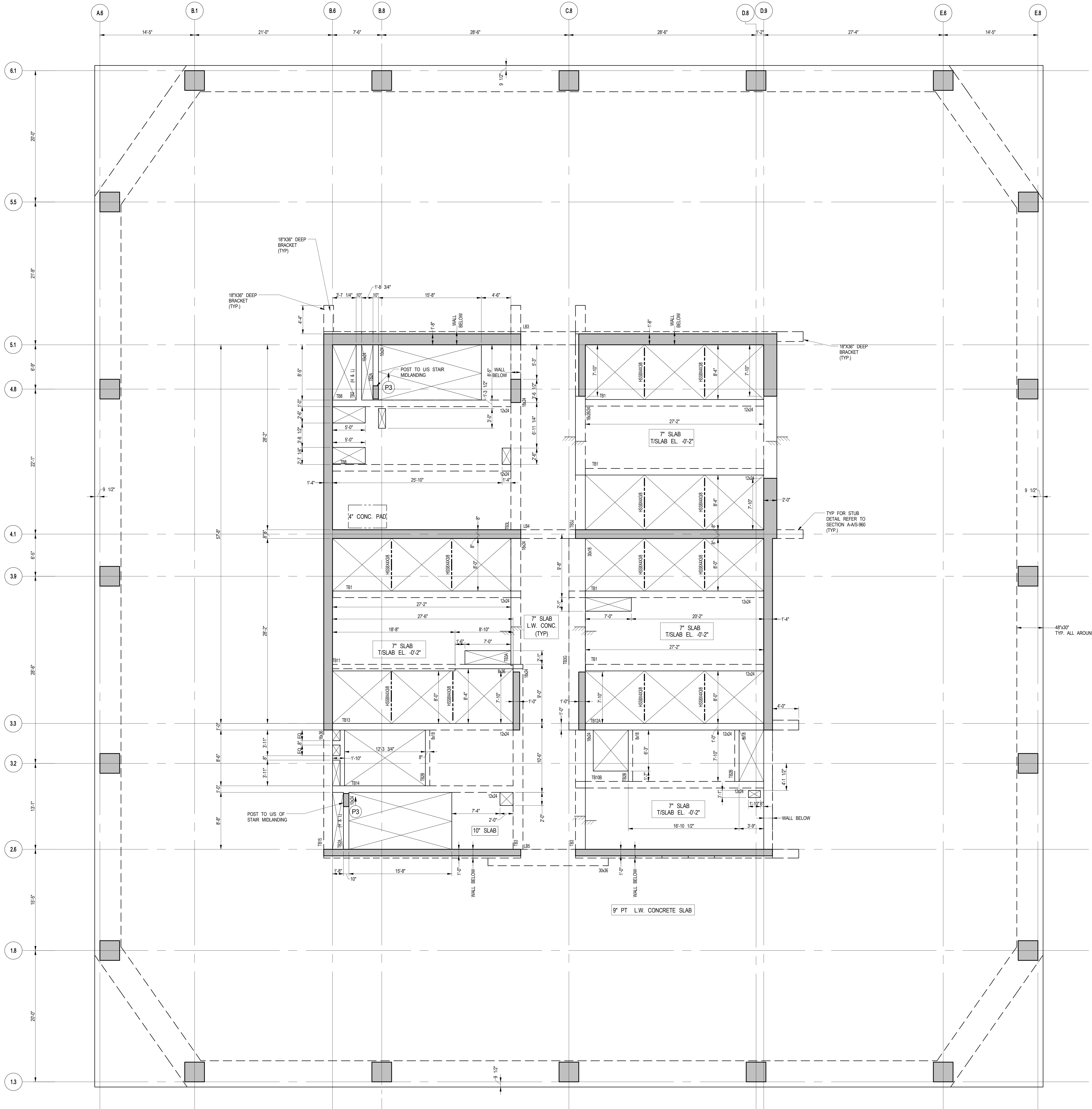
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Project No: 1305480  
Drawn By: CADD  
Sheet Number: 1305480-S-200

Approval  
Under Directive 2 of 1975  
Date: 5/13/2015  
NYC Development Hub

20TH FLOOR (MARKETING 21) FRAMING PLAN  
S-200.00

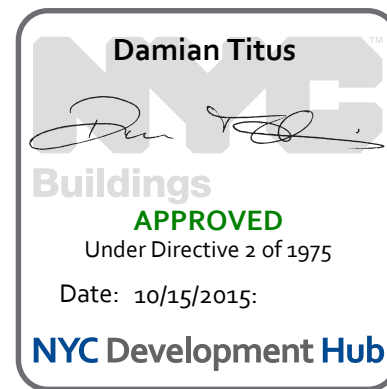


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1 20TH FLOOR (MARKETING 21) G.A. PLAN  
SCALE: 3/16" = 1'-0"

NOTES:  
1. T/S LAB ELEVATION @ EL. 320.7' U.O.N. ☐  
2. SLAB TO BE 9" THICK PT. LT. WT. CONC. U.O.N. THUS ☐ ON PLAN  
3. FOR BALANCE OF NOTES SEE CORRESPONDING FRAMING PLAN



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No.	Description	Date
1	D.O.B. BUILDING PERMIT FILING	05/01/2015
	100% CONSTRUCTION DOCUMENTS	04/03/2015

Key Plan

Issue Date: 04/03/2015  
Project No: 1305480  
Drawn By: CADD  
Sheet Number: 1305480-S-209

Drawing Title  
20TH FLOOR (MARKETING 21) G.A. PLAN

Drawing Number  
S-209.00

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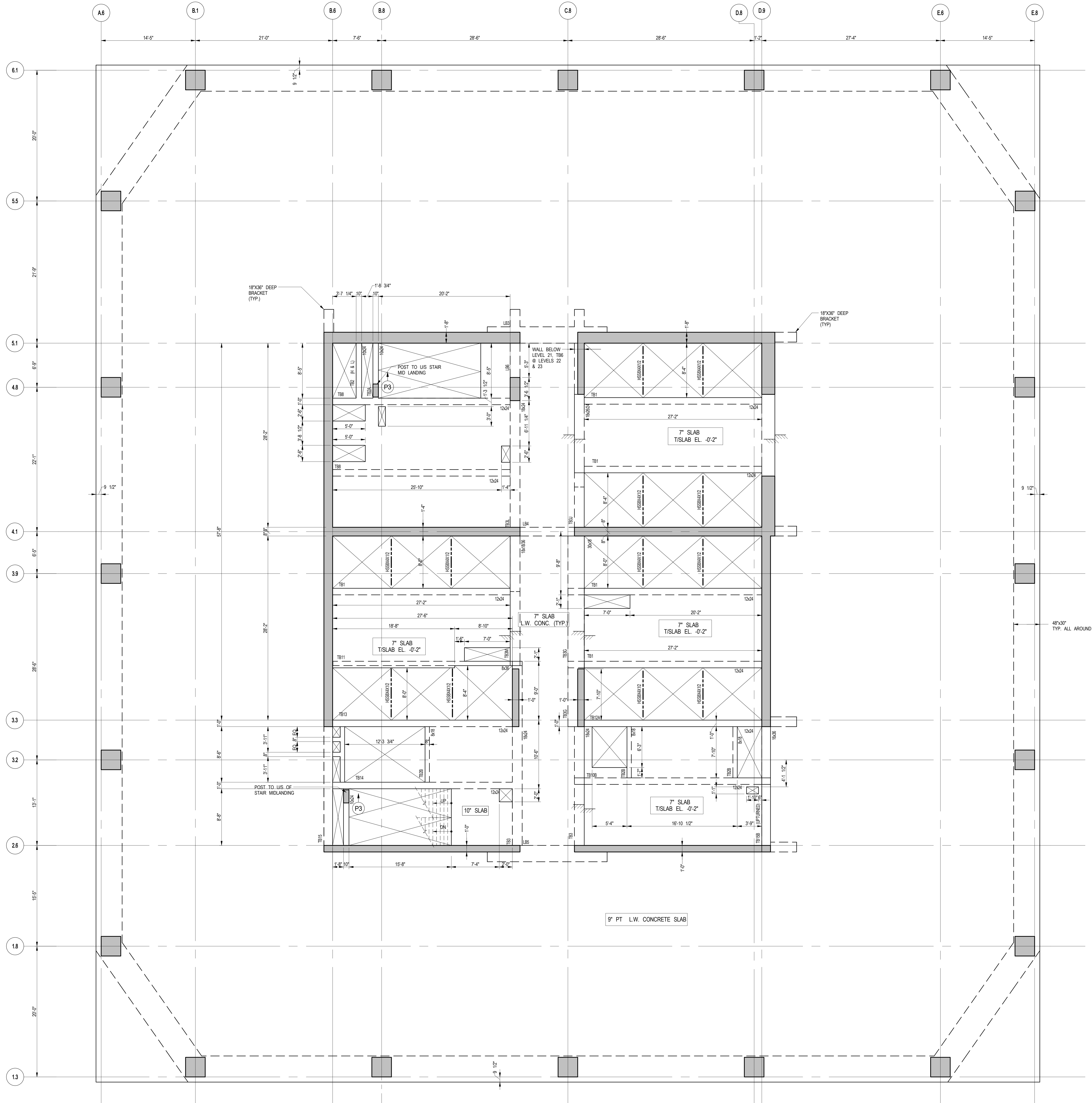
Oxford Properties Group  
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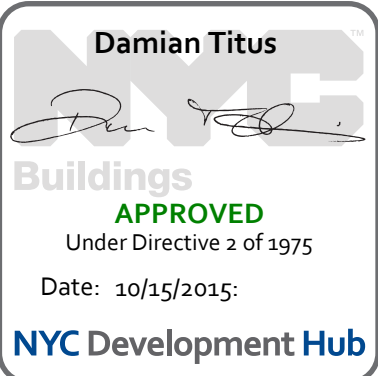


21ST-24TH FLOOR (MARKETING 22-25) G.A. PLAN

SCALE: 3/16" = 1'-0"

NOTES:

1. FOR T/SLAB ELEVATION SEE ARCH. DWGS.
2. SLAB TO BE 9" THICK PT LT. WT. CONC U.O.N. THUS    ON PLAN
3. FOR BALANCE OF NOTES SEE CORRESPONDING FRAMING PLAN.



D.O.B. BUILDING PERMIT FILING	05/01/2015
100% CONSTRUCTION DOCUMENTS	04/03/2015

### Key Plan

Issue Date:	04/03/2015
Project No.	1305480
Drawn By	CADD
Sheet Number	1305480-S-219

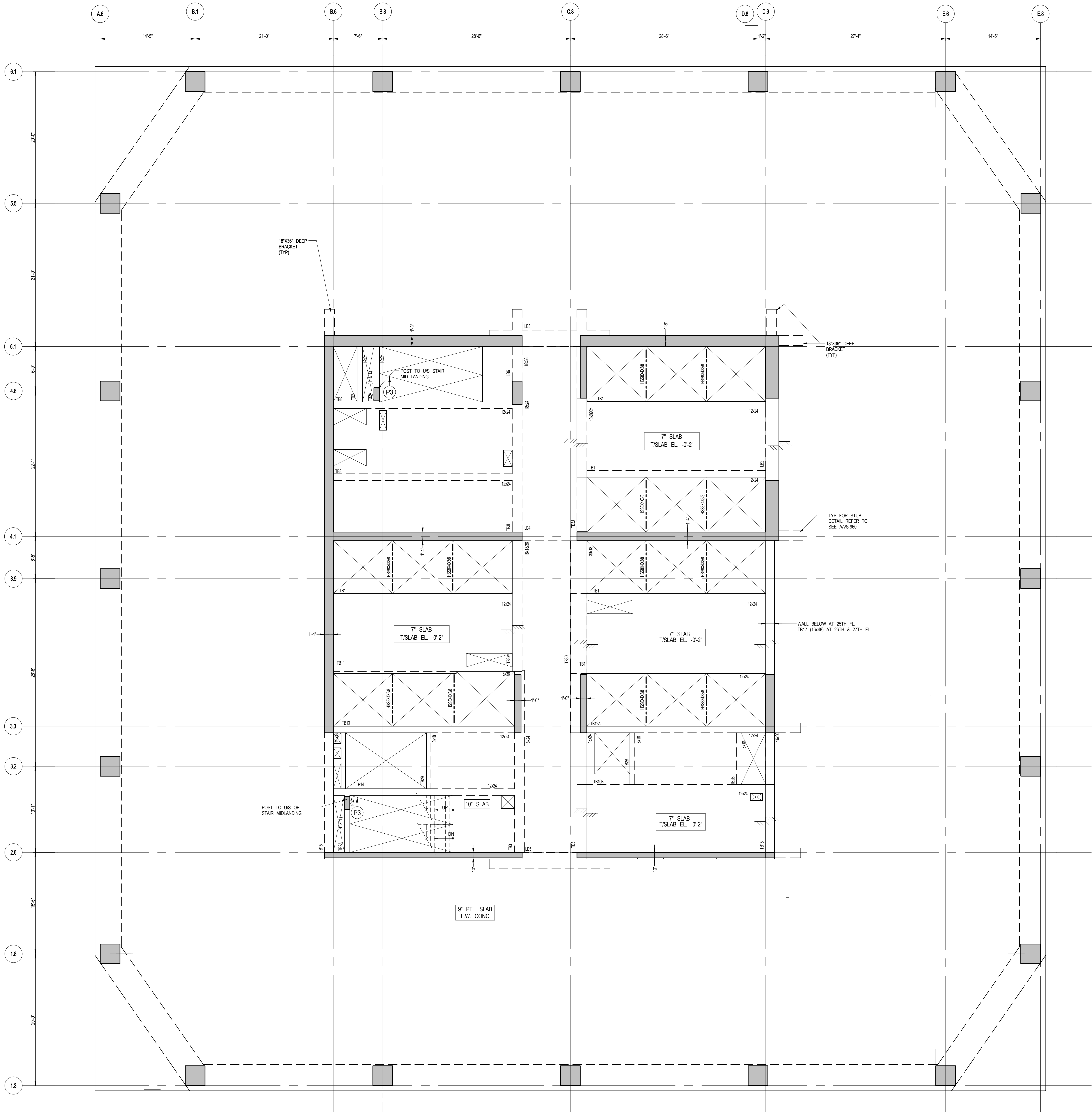


*Drawing Title*  
**21ST-24TH FLOOR  
 (MARKETING 22-25) G.A.  
 PLAN**

*Drawing Number*  
**S-219.00**



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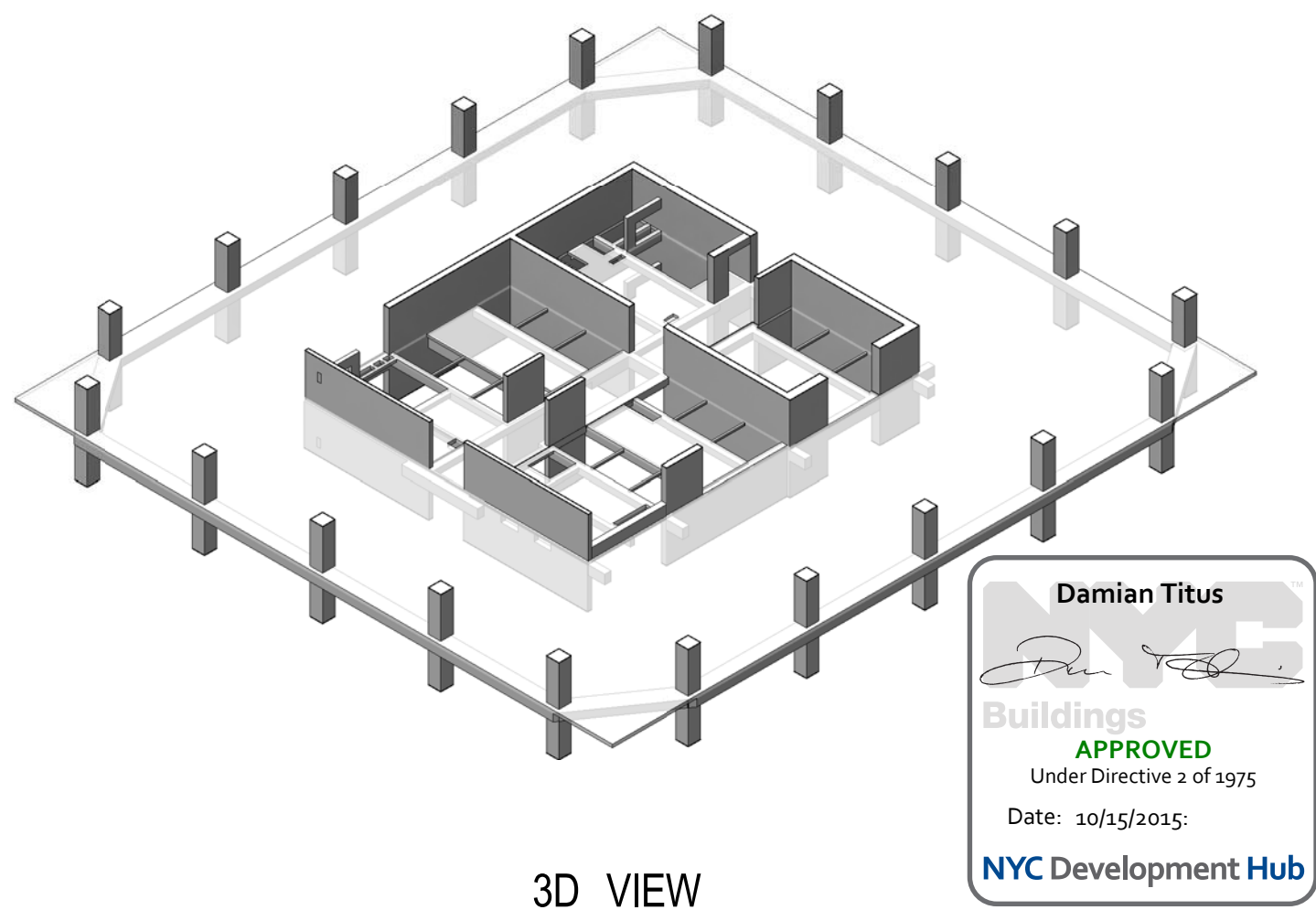


1 25TH-28TH FLOOR (MARKETING 26-29) FRAMING PLAN  
S-250 SCALE: 3/16" = 1'-0"

- NOTES
1. TISLAB ELEVATION 25TH FL. @ 388'-1"
  2. SLAB TO BE 9" THICK PT. LT. CONC. U.O.N. THIS LAYOUT PLAN.
  3. UNLESS NOTED ON THIS DWG., FOR SLABS OUTSIDE CORE REFER TO DWG. S-200 FOR PT. AND REINFORCEMENT LAYOUT.
  4. UNLESS NOTED ON THIS DWG., FOR SLAB REINFORCEMENT LAYOUT INSIDE CORE, REFER TO DWG. S-200.
  5. FOR BALANCE OF NOTES SEE DWG. FD-100.

- MATERIAL NOTES
1. ALL SLABS TO BE LIGHT-WEIGHT CONCRETE.  
MAXIMUM DENSITY 120LB/CF AND FC = 7000 PSI.
  2. ALL COLUMN AND SHEAR WALLS TO BE NORMAL WEIGHT CONCRETE.

LOAD TABLE (OUTSIDE CORE AREA)			
DL	SDL	LL	FACADE
SLAB WEIGHT (VARIES)	35 PSF	150 PSF	730 PLF



## 55 HUDSON YARDS

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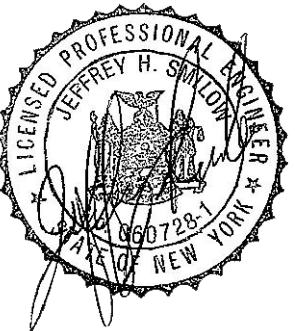
Structural Engineer  
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No.	Description	Date
1	D.O.B. BUILDING PERMIT FILING	05/01/2015
	100% CONSTRUCTION DOCUMENTS	04/03/2015

Key Plan

Issue Date: 04/03/2015  
Project No: 1305480  
Drawn By: CADD  
Sheet Number: 1305480-S-250



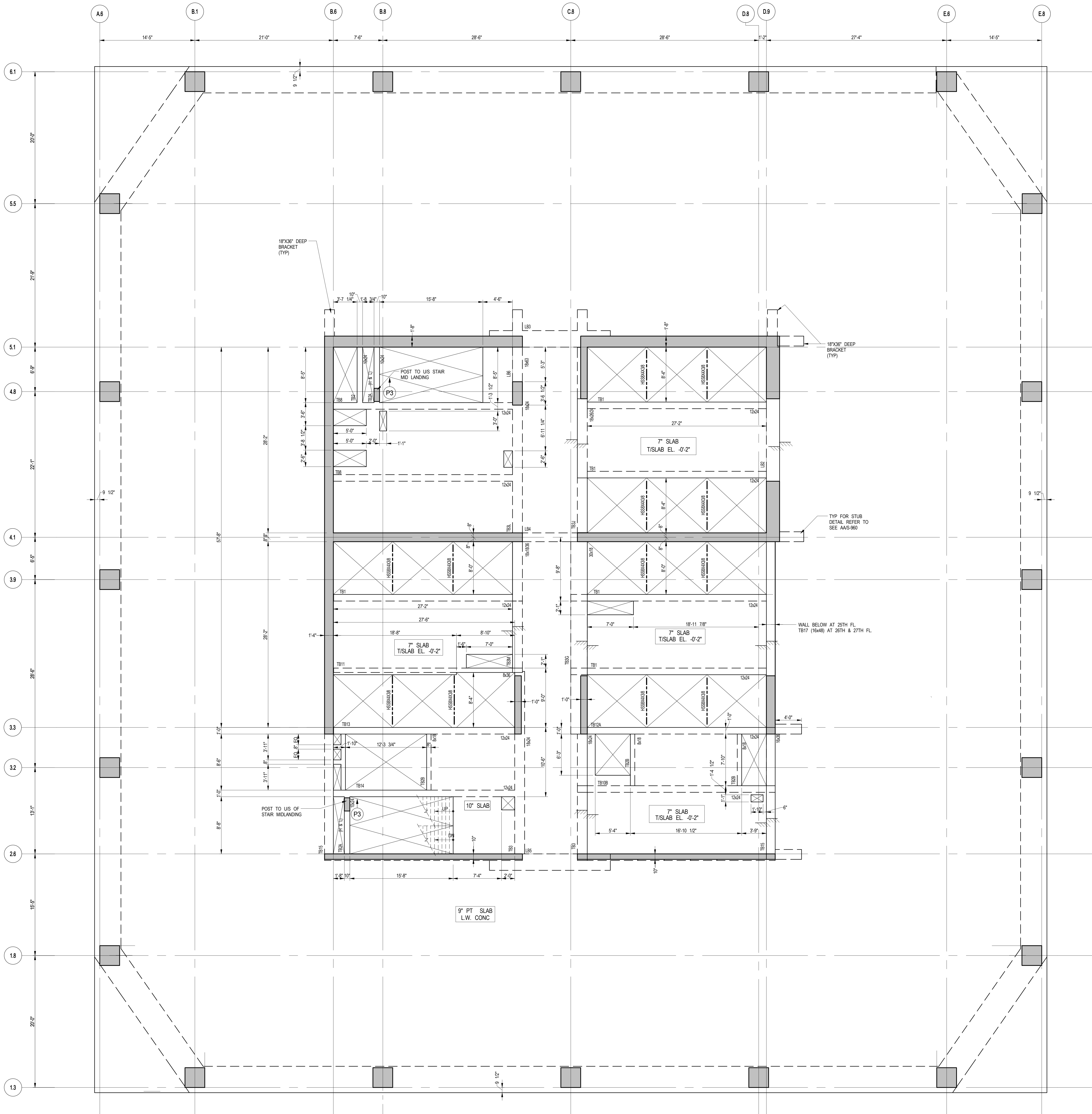
Drawing Title  
25TH-28TH FLOOR (MARKETING 26-29) FRAMING PLAN

Scale  
S-250.00

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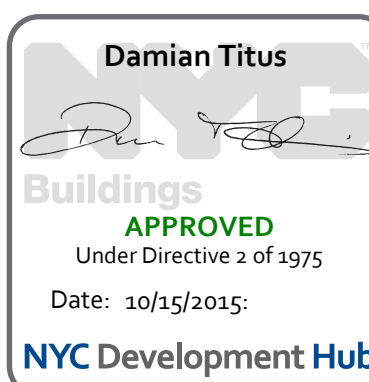


S-259  
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1 25TH-28TH FLOOR (MARKETING 26-29) G.A. PLAN  
S-259 SCALE: 3/16" = 1'-0"

- NOTES
1. TISLAB ELEVATION 25TH FL. @ 388'-1"  
25TH FL. @ 401'-7"  
27TH FL. @ 415'-1"  
28TH FL. @ 428'-7" U.O.M.
  2. SLAB TO BE 9" THICK PT. LT. WT. CONC. U.O.N. THUS ON PLAN.
  3. FOR BALANCE OF NOTES SEE CORRESPONDING FRAMING PLAN.



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No.	Description	Date
1	D.O.B. BUILDING PERMIT FILING	05/01/2015
	100% CONSTRUCTION DOCUMENTS	04/03/2015

Key Plan

Issue Date: 04/03/2015  
Project No: 1305480  
Drawn By: CADD  
Sheet Number: 1305480-S-259

Drawing Title

25TH-28TH FLOOR (MARKETING 26-29) G.A. PLAN

Drawing Number  
S-259.00

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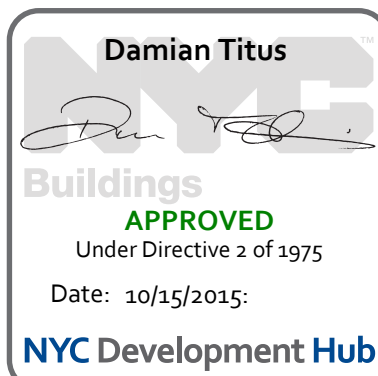
**NOTES:**

1. TISLAB ELEVATION @ 442'-1" U.O.N. THUS ☐ ON PLAN.
2. SLAB TO BE 9" THICK PT. LIGHT-WEIGHT CONCRETE U.O.N. THUS ☐ ON PLAN
3. UNLESS NOTED ON THIS DWG., FOR SLABS OUTSIDE CORE, REFER TO DWG. S-200 FOR PT. & REINFORCEMENT LAYOUTS.
4. UNLESS NOTED ON THIS DWG., FOR SLAB REINFORCEMENT LAYOUT INSIDE CORE, REFER TO DWG. S-200.
5. FOR BALANCE OF INFORMATION SEE DWG. FO-120.

### MATERIAL NOTES

1. ALL SLABS TO BE LIGHT-WEIGHT CONCRETE  
(MAXIMUM DENSITY 120lb/ft<sup>3</sup> AND  $f_c = 7000$  psi).
2. ALL COLUMNS AND SHEAR WALLS TO BE NORMAL WEIGHT  
CONCRETE.

LOAD TABLE (OUTSIDE CORE AREA)			
DL	SDL	LL	FACADE
SLAB WEIGHT (VARIES)	35 PSF	150 PSF	730 PLF



Issue Date:	04/03/2015
Project No.	1305480
Drawn By	CADD
Sheet Number	1305480-S-290

## 29TH FLOOR (MARKETING 30) FRAMING PLAN

*Drafting Number*  
**S-290.00**





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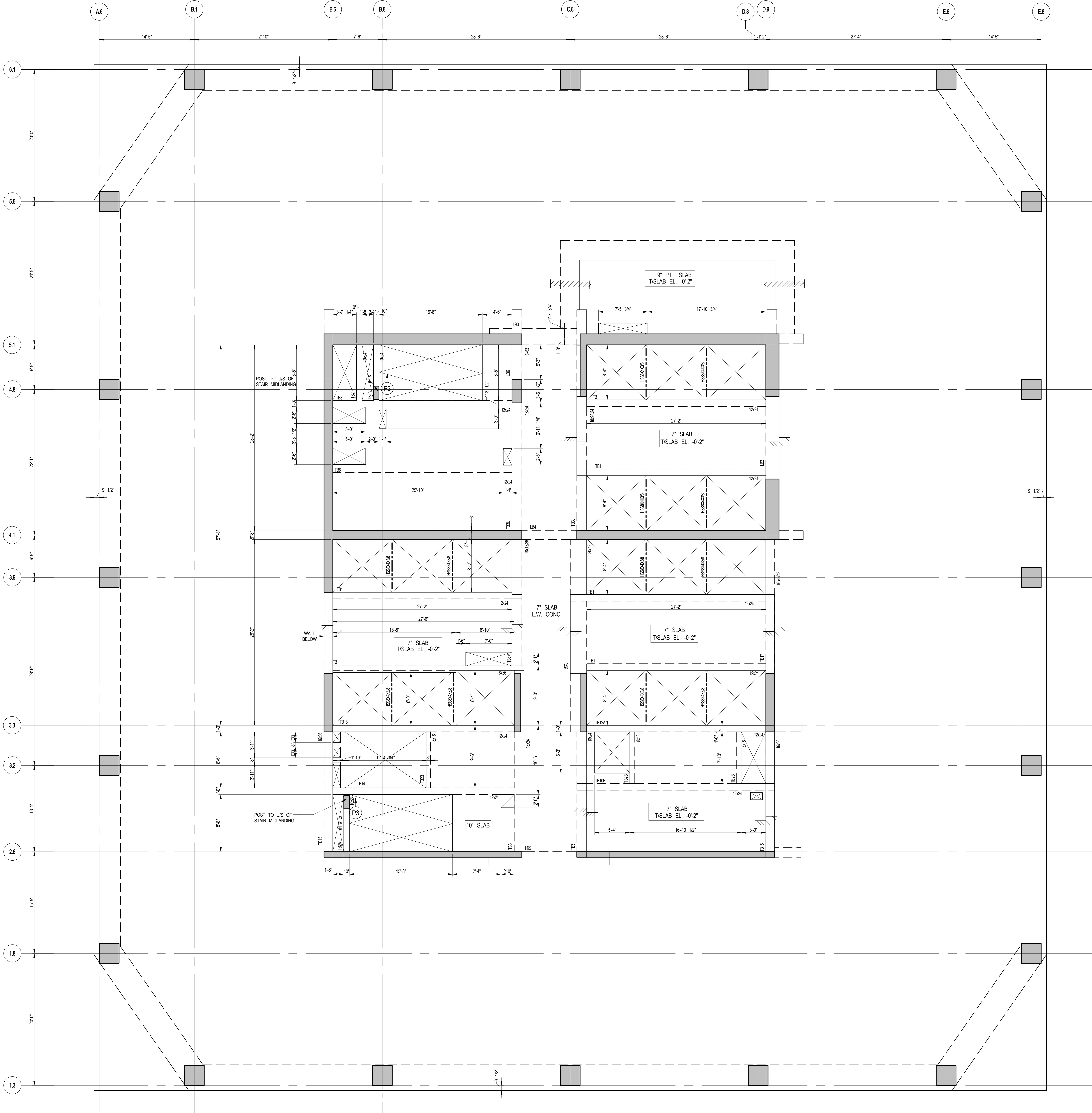
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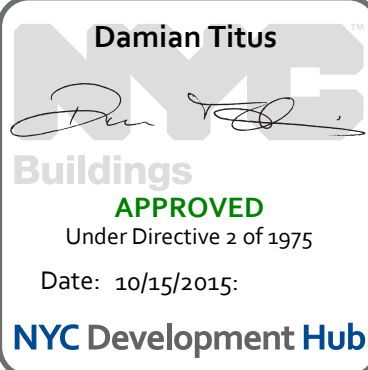
Architect  
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Architects & Planning Consultants  
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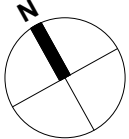
1 29TH FLOOR (MARKETING 30) G.A. PLAN  
S-299



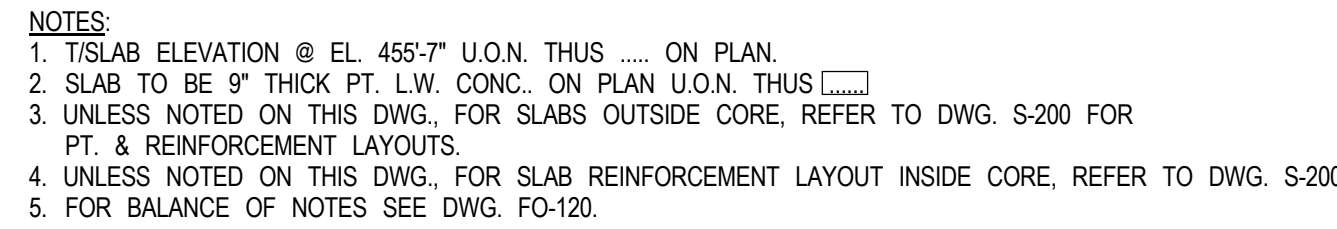
Issue Date: 04/03/2015  
Project No: 1305480  
Drawn By: CADD  
Sheet Number: 1305480-S-299

29TH FLOOR  
(MARKETING 30) G.A.  
PLAN

S-299.00







LOAD TABLE (OUTSIDE CORE AREA)			
DL	SDL	LL	FACADE
SLAB WEIGHT (VARIES)	35 PSF	150 PSF	730 PLF

MATERIAL NOTES

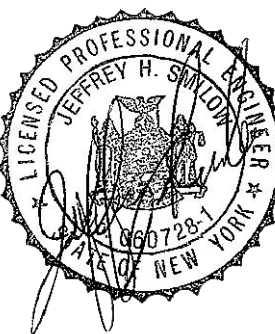
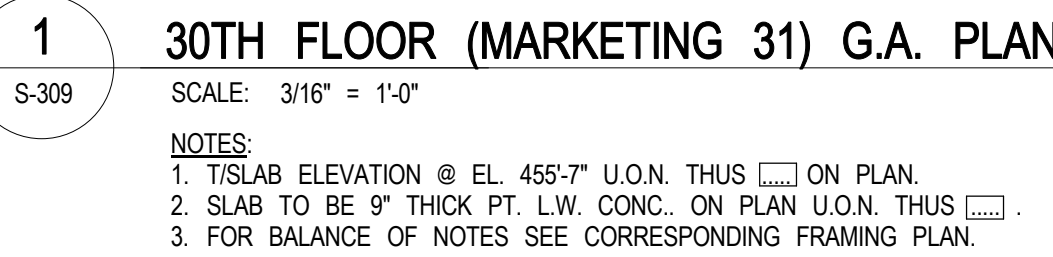
1. ALL SLABS TO BE LIGHT-WEIGHT CONCRETE  
(MAXIMUM DENSITY 120lb/cf AND  $f_c = 7000$  psi).
2. ALL COLUMNS AND SHEAR WALLS TO BE NORMAL WEIGHT  
CONCRETE.



# 30TH FLOOR (MARKETING 31) FRAMING PLAN

*Display Number*  
**S-300.00**

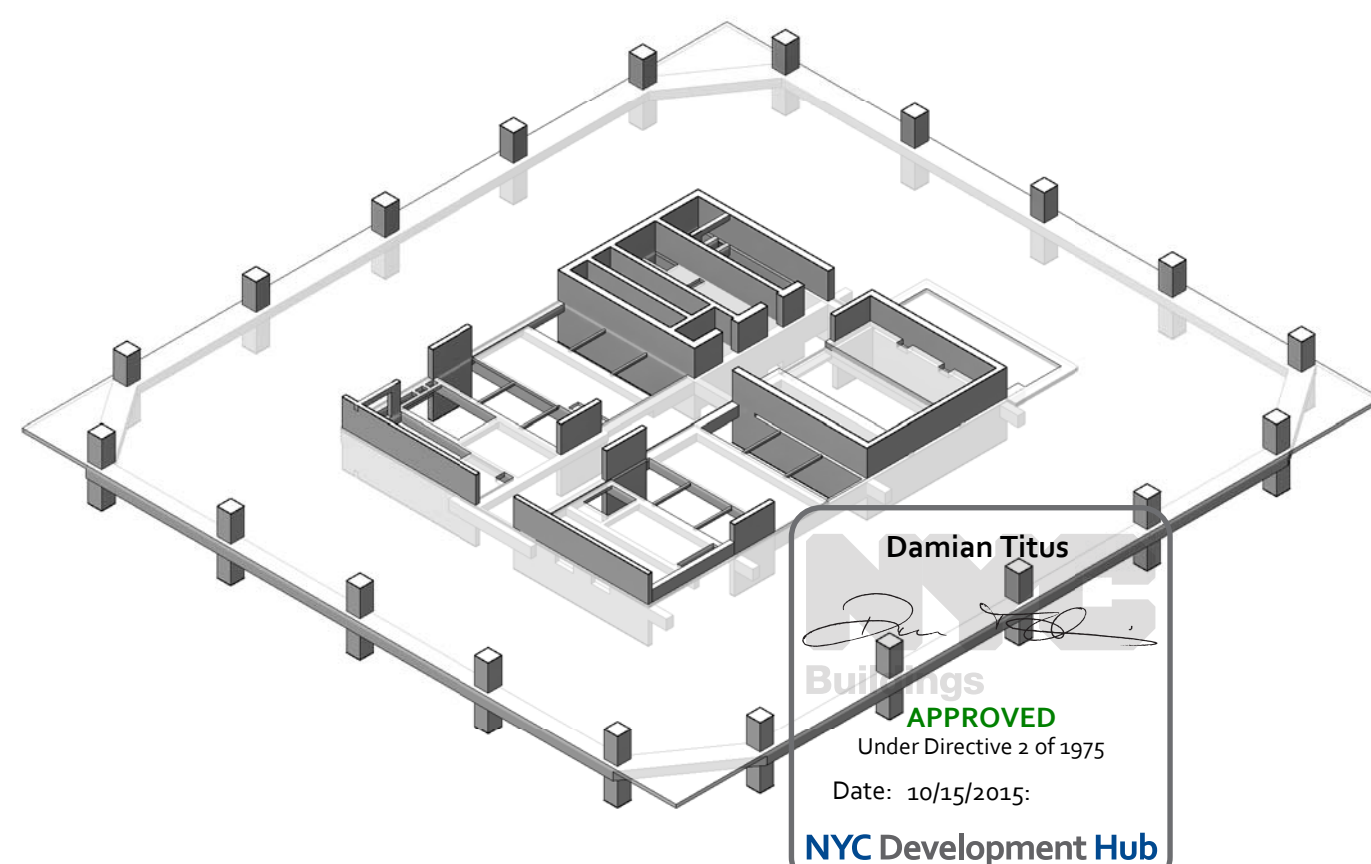
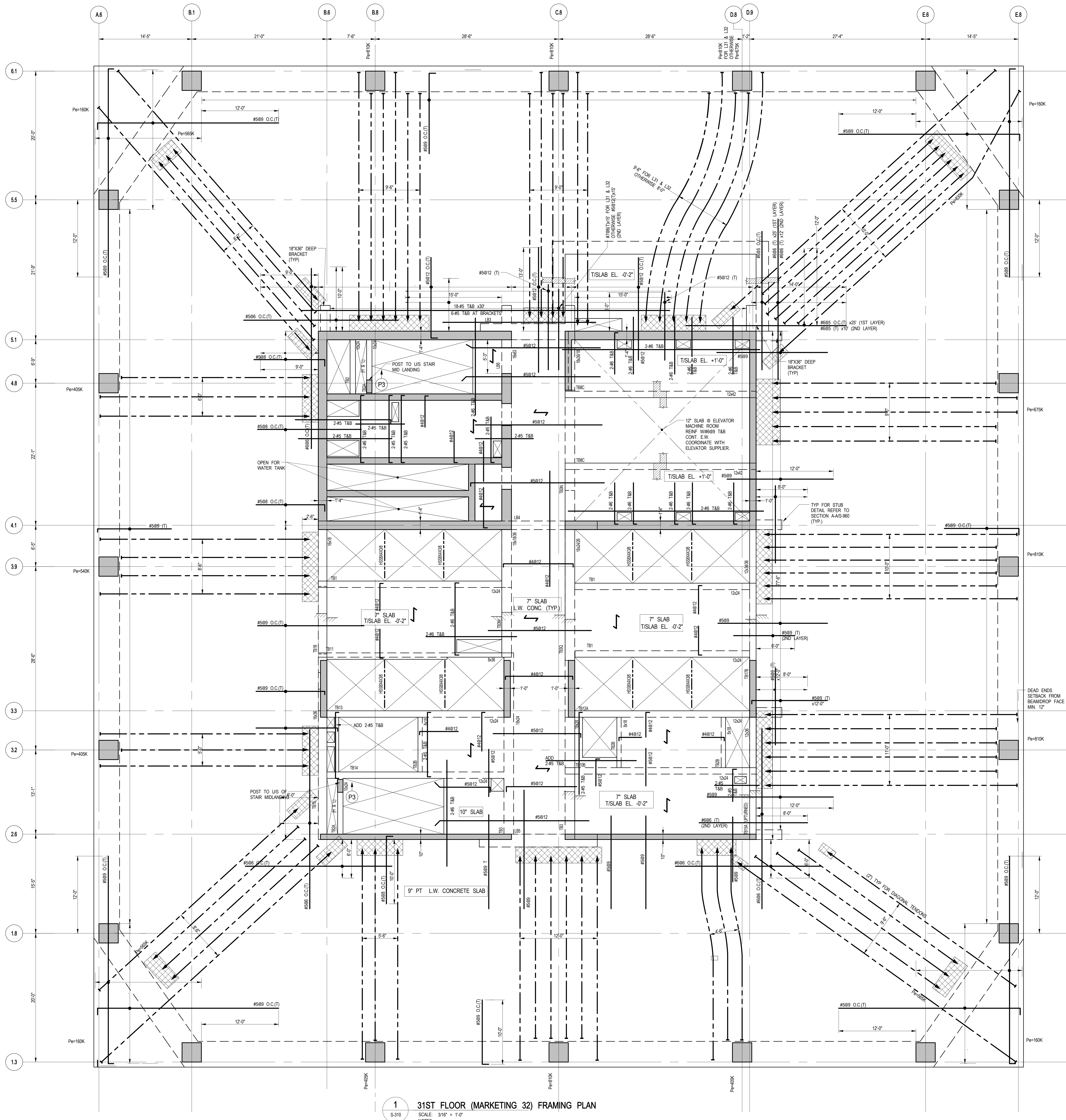




**S-309.00**



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3D VIEW

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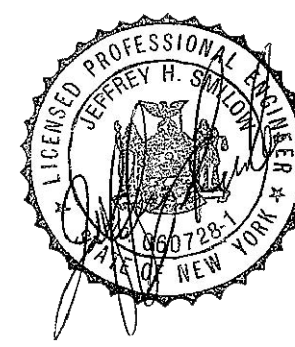
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No.	Description	Date
1	D.O.B. BUILDING PERMIT FILING	05/01/2015
2	100% CONSTRUCTION DOCUMENTS	04/03/2015

Key Plan

Issue Date: 04/03/2015  
Project No: 1305480  
Drawn By: CADD  
Sheet Number: 1305480-S-310



31ST FLOOR  
(MARKETING 32)  
FRAMING PLAN

Drawing Number

S-310.00

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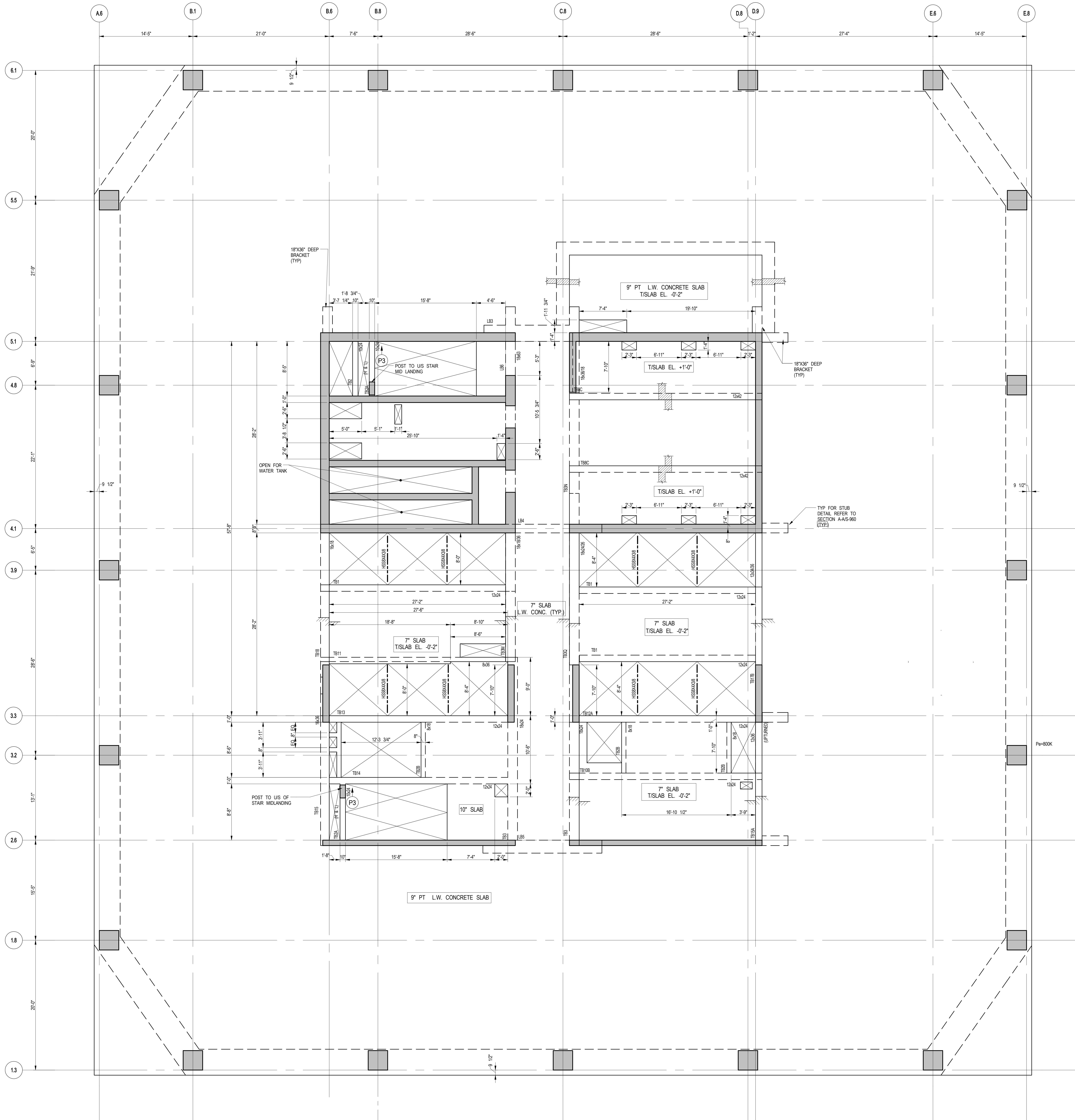
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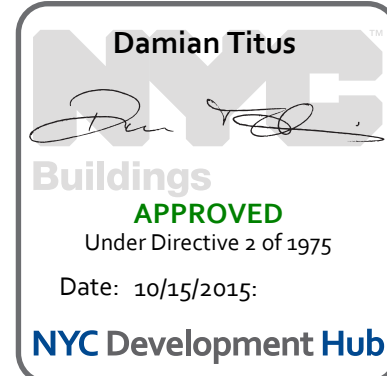
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New York, NY 10018  
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1 31ST FLOOR (MARKETING 32) G.A. PLAN

S-319 SCALE: 3/16" = 1'-0"

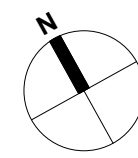
NOTES:  
1. T/S LAB ELEVATION @ EL. 469.1' U.O.N. THIS [ ] ON PLAN.  
2. SLAB TO BE 10" THICK PT. LIGHT-WEIGHT CONCRETE U.O.N. THIS [ ] ON PLAN.  
3. FOR BALANCE OF NOTES SEE CORRESPONDING FRAMING PLAN.



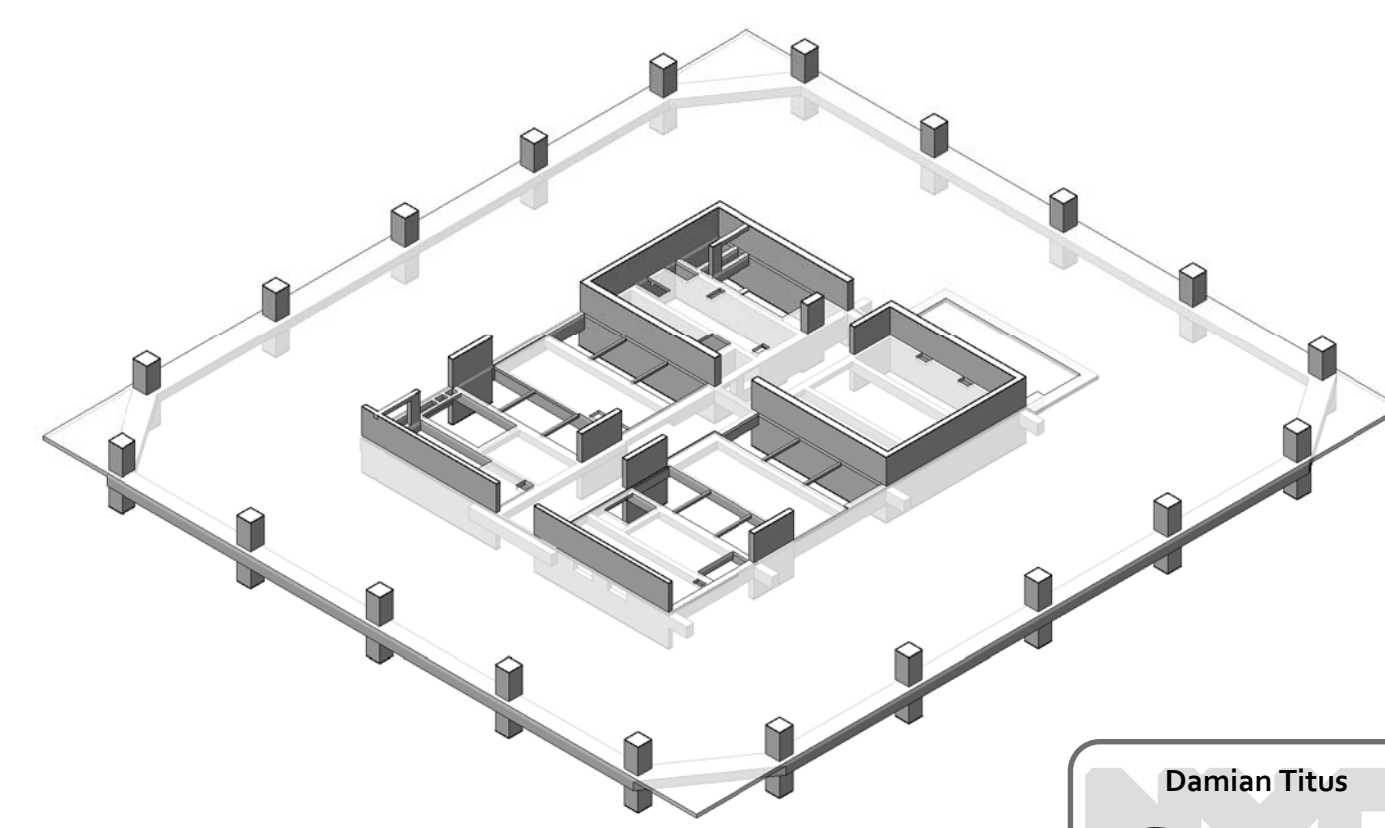
Issue Date: 04/03/2015  
Project No: 1305480  
Drawn By: CADD  
Sheet Number: 1305480-S-319


31ST FLOOR (MARKETING 32) G.A. PLAN

S-319.00

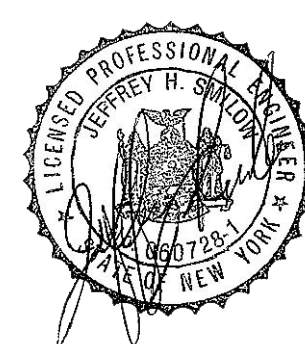






**Damian Titus**  
  
**Buildings**  
**APPROVED**  
Under Directive 2 of 1975  
Date: 10/15/2015:  
**NYC Development Hub**

Issue Date:	04/03/2015
Project No.	1305480
Drawn By	CADD
Sheet Number	1305480-S-320



*Display Number*  
**S-320.00**

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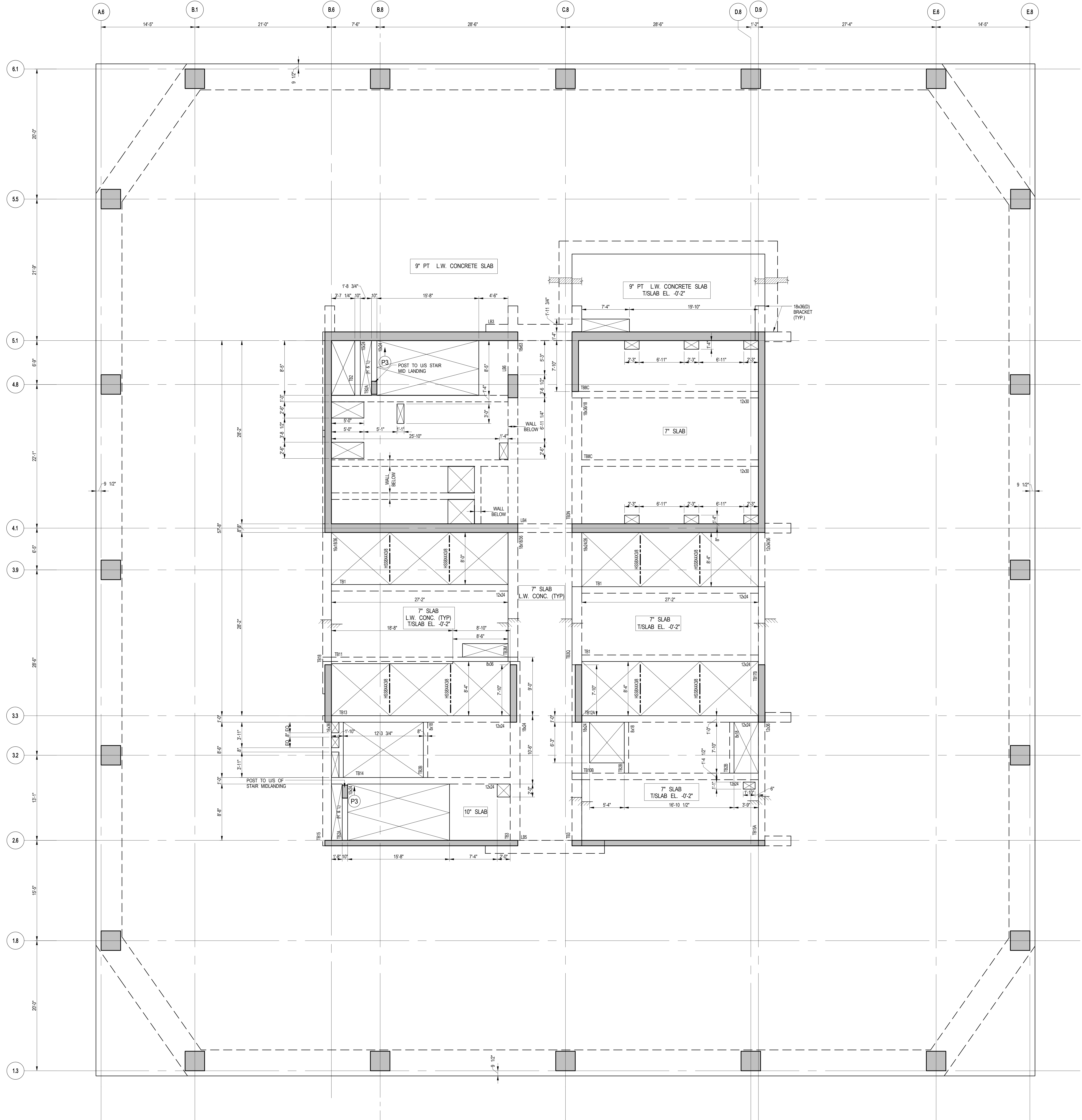
Oxford Properties Group  
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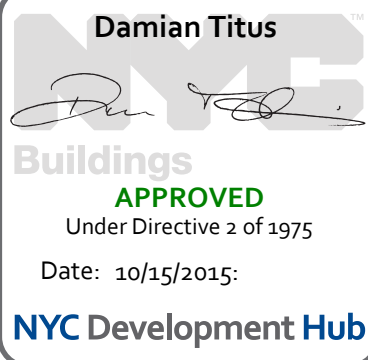
Structural Engineer  
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1 32ND FLOOR (MARKETING 33) G.A. PLAN

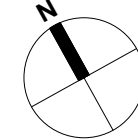
SCALE: 3/16" = 1'-0"  
NOTES  
1. TISLAB ELEVATION @ EL. 482'-7" U.O.M. THIS [ ] ON PLAN  
2. SLAB TO BE 9" THICK PT. 11" WT. CONC. U.O.M. THIS [ ] ON PLAN  
3. FOR BALANCE OF NOTES SEE CORRESPONDING FRAMING PLAN



Issue Date: 04/03/2015  
Project No: 1305480  
Drawn By: CADD  
Sheet Number: 1305480-S-329

Drawing Title  
32ND FLOOR  
(MARKETING 33) G.A.  
PLAN

Sheet Number  
S-329.00







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New York, NY 10023  
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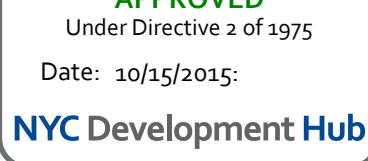
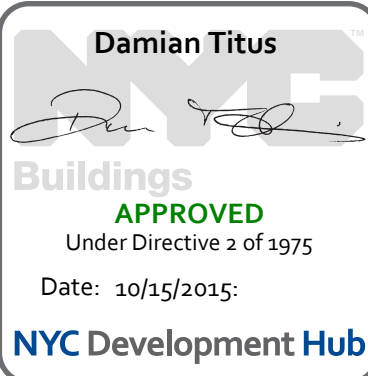
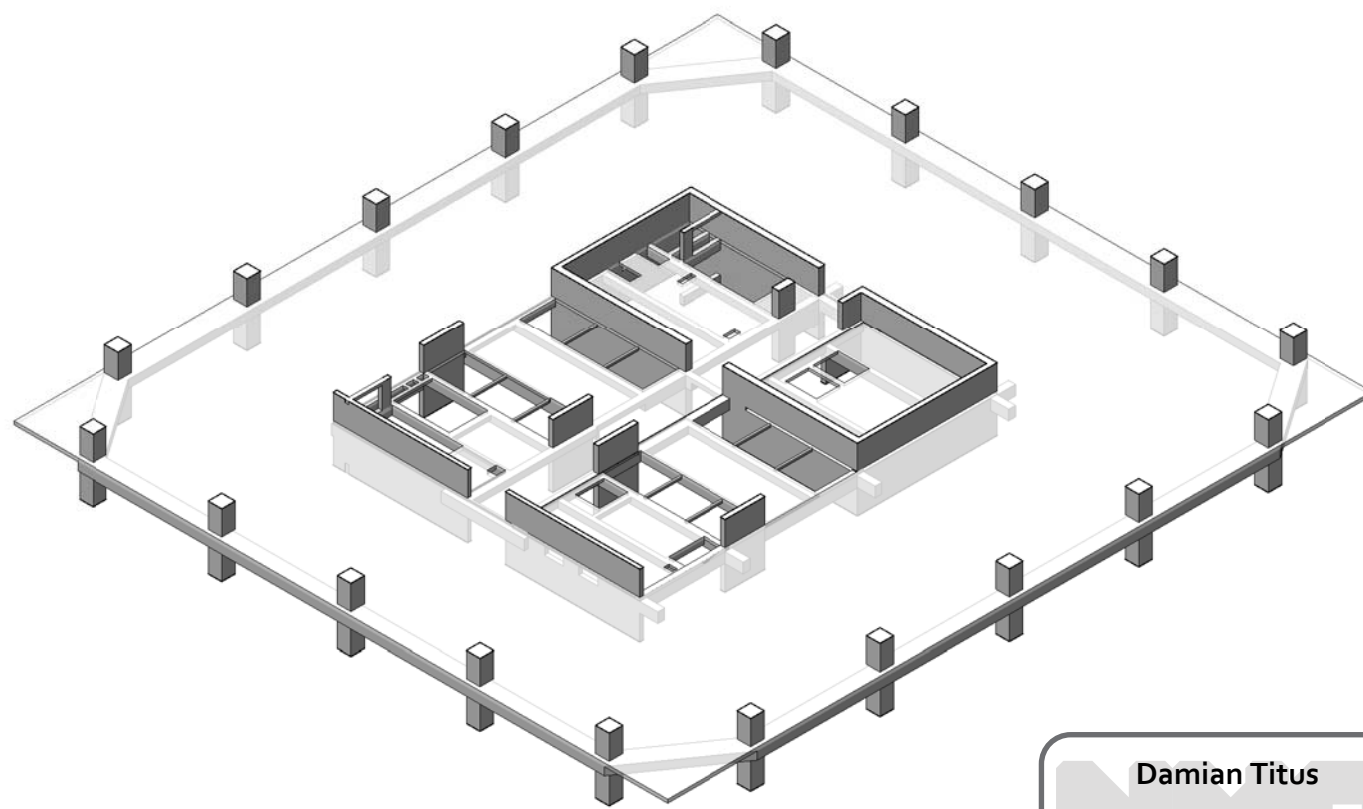
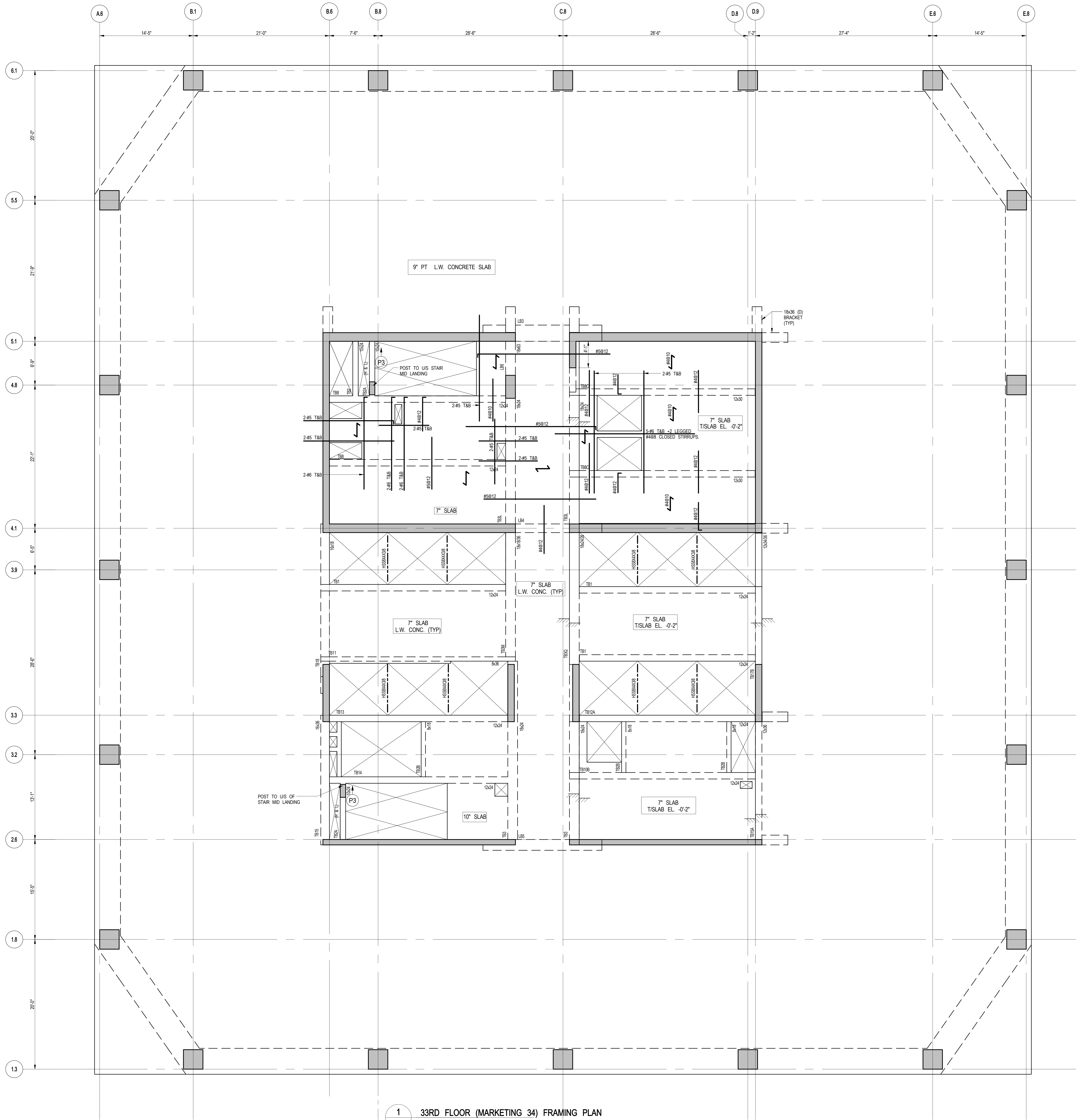
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Drawn Date: 04/03/2015  
Project No: 1305480  
Drawn By: CADD  
Sheet Number: 1305480-S-330

33RD FLOOR  
(MARKETING 34)  
FRAMING PLAN

S-330.00

LOAD TABLE (OUTSIDE CORE AREA)			
DL	SDL	LL	FACADE
SLAB WEIGHT (VARIES)	35 PSF	150 PSF	730 PLF

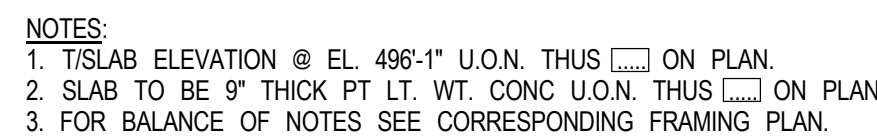
MATERIAL NOTES  
1. ALL SLABS TO BE LIGHT-WEIGHT CONCRETE  
MAXIMUM DENSITY 120lb/ft<sup>3</sup> AND f<sub>c</sub> = 7000 psi.  
2. ALL COLUMN AND SHEAR WALLS TO BE NORMAL WEIGHT CONCRETE.

NOTES  
1. T/S LAB ELEVATION @ EL. 496'1\"/>

1 33RD FLOOR (MARKETING 34) FRAMING PLAN  
SCALE: 3/16" = 1'-0"

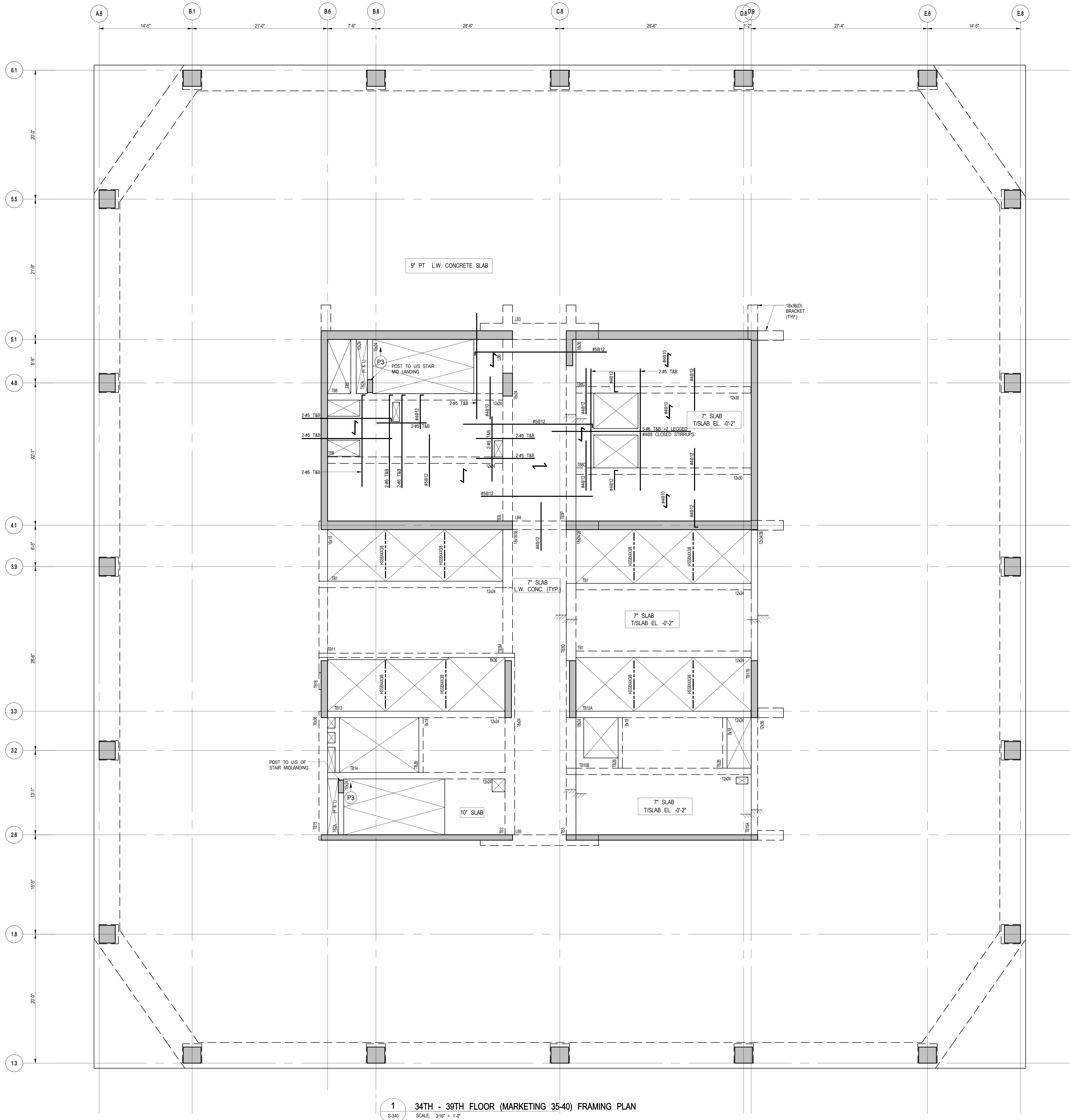
3D VIEW







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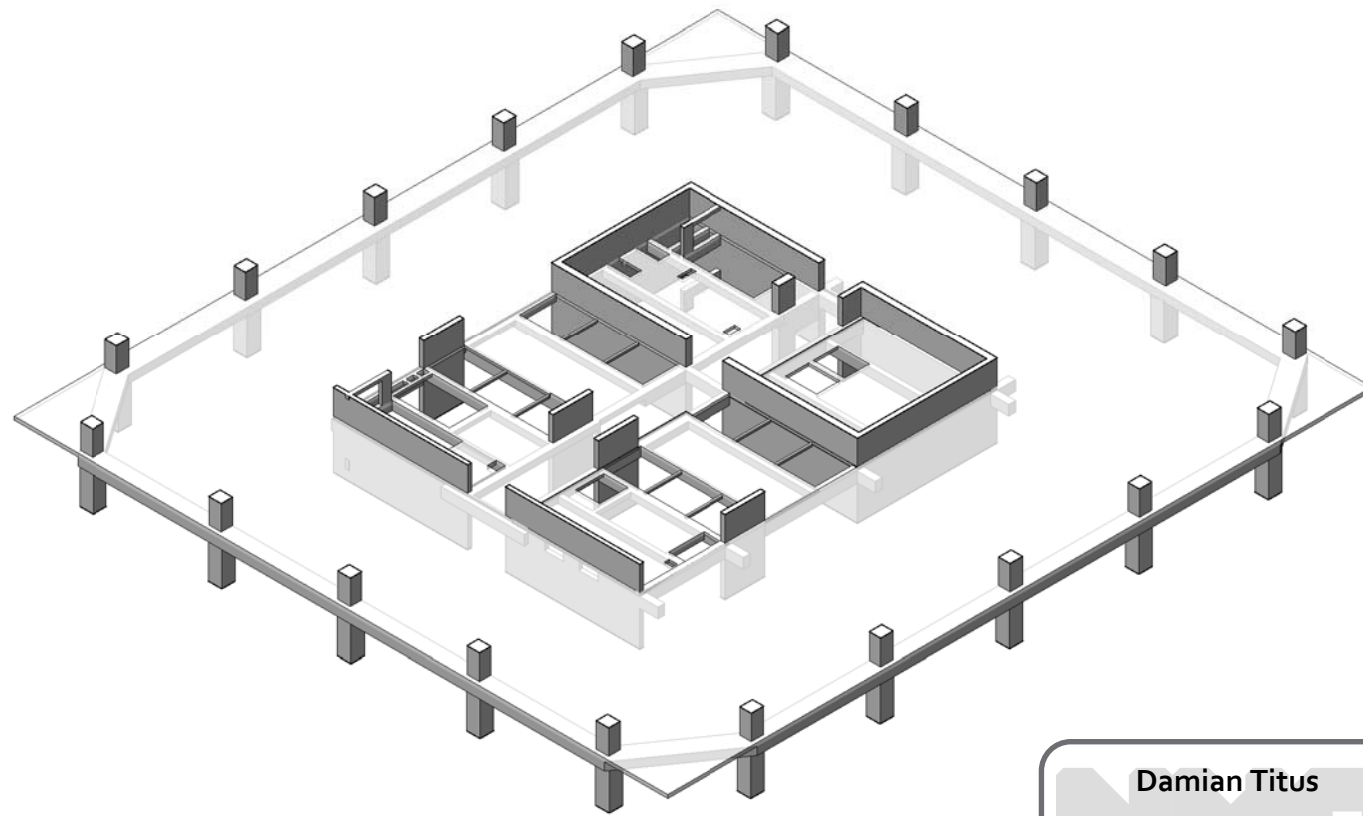


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SCALE: 3/16" = 1'-0"

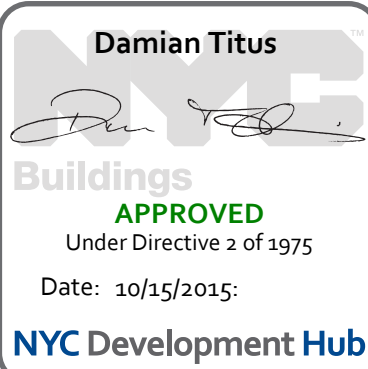
- NOTES:
1. TISLAB ELEVATION 34th FL @ EL. 509'-7", 35th FL @ EL. 523'-1", 36th FL @ EL. 536'-7", 37th FL @ EL. 550'-1", 38th FL @ EL. 563'-7", 39th FL @ EL. 577'-1".
  2. SLAB TO BE 9" THICK PT. LT. WT. CONC. U.O.N. THIS ON PLAN.
  3. UNLESS NOTED ON THIS DWG., REFER TO DWG. S-310 FOR PT. & SLAB REINFORCEMENT LAYOUTS.
  4. FOR BALANCE OF NOTES SEE DWG. FD-103.

- MATERIAL NOTES
1. ALL SLABS TO BE LIGHT-WEIGHT CONCRETE MAXIMUM DENSITY 120lb/cu ft and  $f_c = 7000$  psi.
  2. ALL COLUMN AND SHEAR WALLS TO BE NORMAL WEIGHT CONCRETE.

LOAD TABLE (OUTSIDE CORE AREA)			
DL	SDL	LL	FACADE
SLAB WEIGHT (VARIES)	35 PSF	150 PSF	730 PLF



3D VIEW



## 55 HUDSON YARDS

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Mechanical, Electrical, Plumbing, Fire Protection  
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512 Seventh Avenue  
New York, NY 10018  
Tel: 212.532.9600

No.	Description	Date
1	D.O.B. BUILDING PERMIT FILING	05/01/2015
	100% CONSTRUCTION DOCUMENTS	04/03/2015

Key Plan

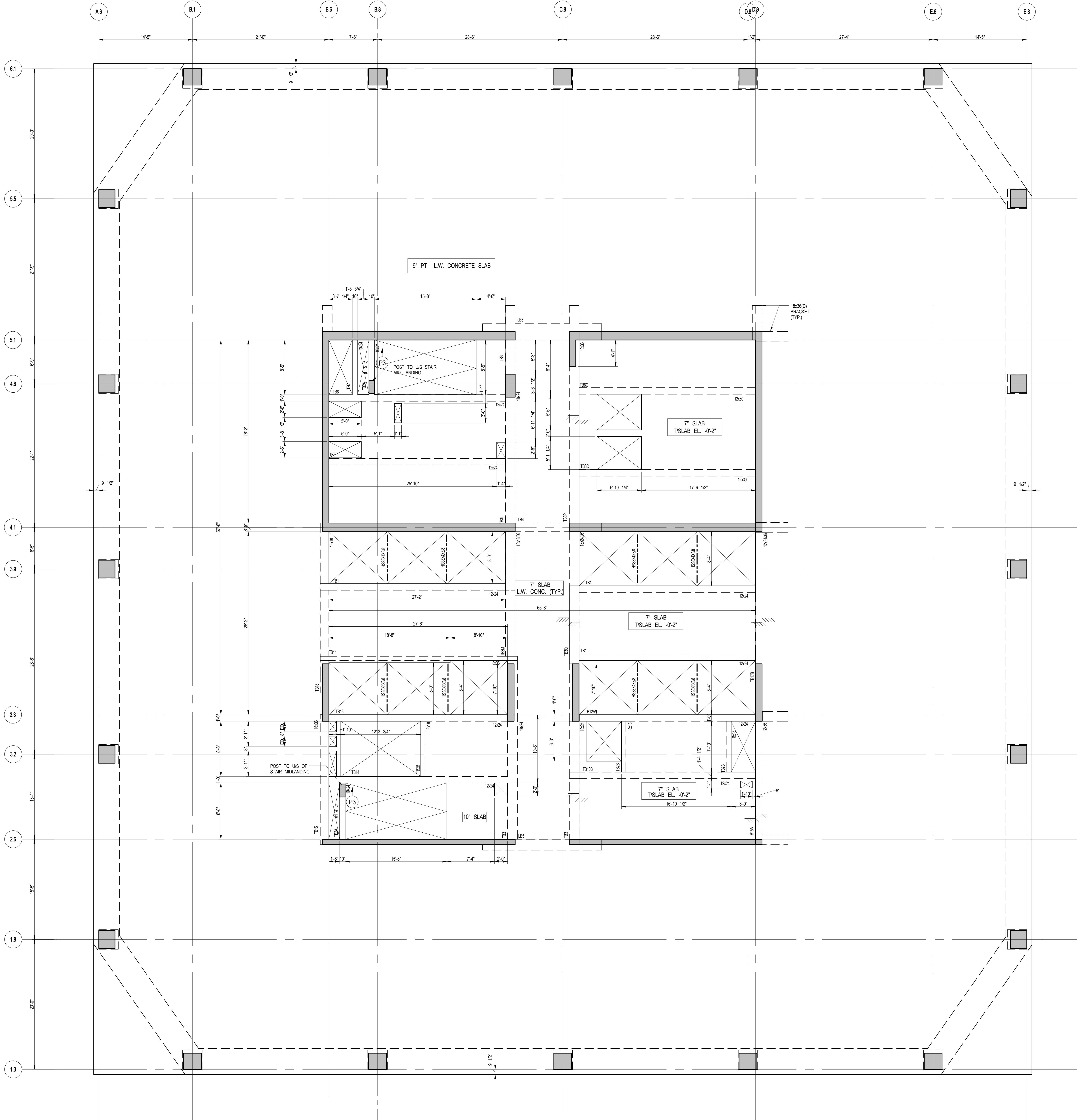
Issue Date: 04/03/2015  
Project No: 1305480  
Drawn By: CADD  
Sheet Number: 1305480-S-340

34TH-39TH FLOOR (MARKETING 35-40) FRAMING PLAN

S-340.00

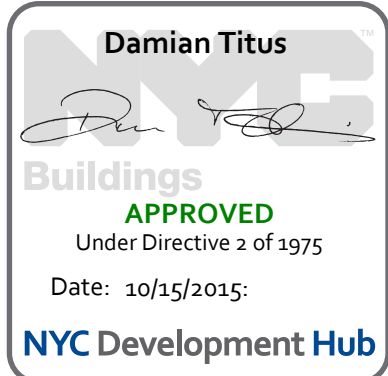


S-349  
5/14/2015 12:22:23 PM  
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1 34TH - 39TH FLOOR (MARKETING 35-40) G.A. PLAN

SCALE: 3/16" = 1'-0"  
NOTES:  
1. T/S LAB ELEVATION 34th FL @ EL. 509'-7"  
35th FL @ EL. 523'-1"  
36th FL @ EL. 536'-0"  
37th FL @ EL. 550'-1"  
38th FL @ EL. 563'-7"  
39th FL @ EL. 577'-1"  
2. SLAB TO BE 9" THICK PT. LT. WT. CONC. U.O.N. THIS ON PLAN  
3. FOR BALANCE OF NOTES SEE CORRESPONDING FRAMING PLAN



## 55 HUDSON YARDS

Address  
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10001



Client  
Related Companies  
60 Columbus Circle  
New York, NY 10023  
Tel: 212.801.1000 Fax: 212.801.1048

Oxford Properties Group  
320 Park Avenue, 17th Floor  
New York, NY 10022  
Tel: 212.986.7514 Fax: 212.986.7510

Mitsui Fudosan America, Inc.  
1251 Avenue of the Americas, Suite 800  
New York, NY 10020  
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Kohn Pedersen Fox Associates PC  
Architects & Planning Consultants  
11 West 42nd Street  
New York, New York 10036  
TEL: 212.977.6500 FAX: 212.956.2526

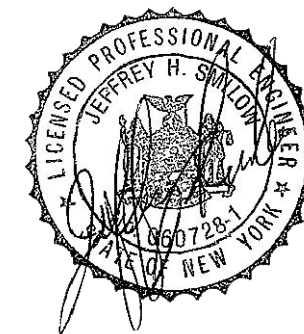
Structural Engineer  
WSP  
228 East 45th Street, 3rd Floor  
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Tel: 212.687.9888 Fax: 646.487.5501

Mechanical, Electrical, Plumbing, Fire Protection  
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512 Seventh Avenue  
New York, NY 10018  
Tel: 212.533.9600

No.	Description	Date
1	D.O.B. BUILDING PERMIT FILING	05/01/2015
	100% CONSTRUCTION DOCUMENTS	04/03/2015

Key Plan

Issue Date: 04/03/2015  
Project No: 1305480  
Drawn By: CADD  
Sheet Number: 1305480-S-349



Drawing Title  
34TH-39TH FLOOR  
(MARKETING 35-40) G.A.  
PLAN

Drawing Number  
S-349.00

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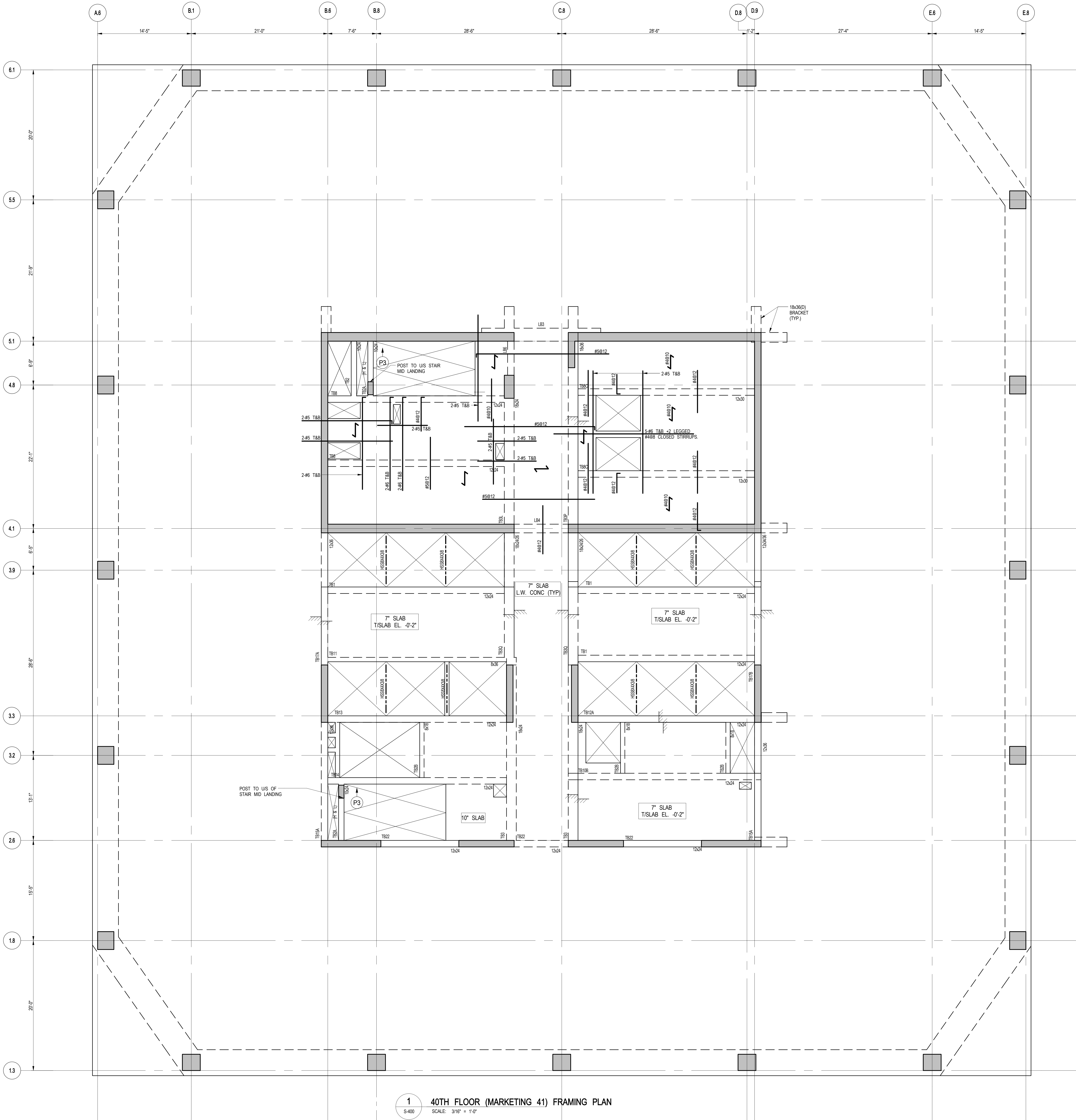
Oxford Properties Group  
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Tel: 212.532.9600

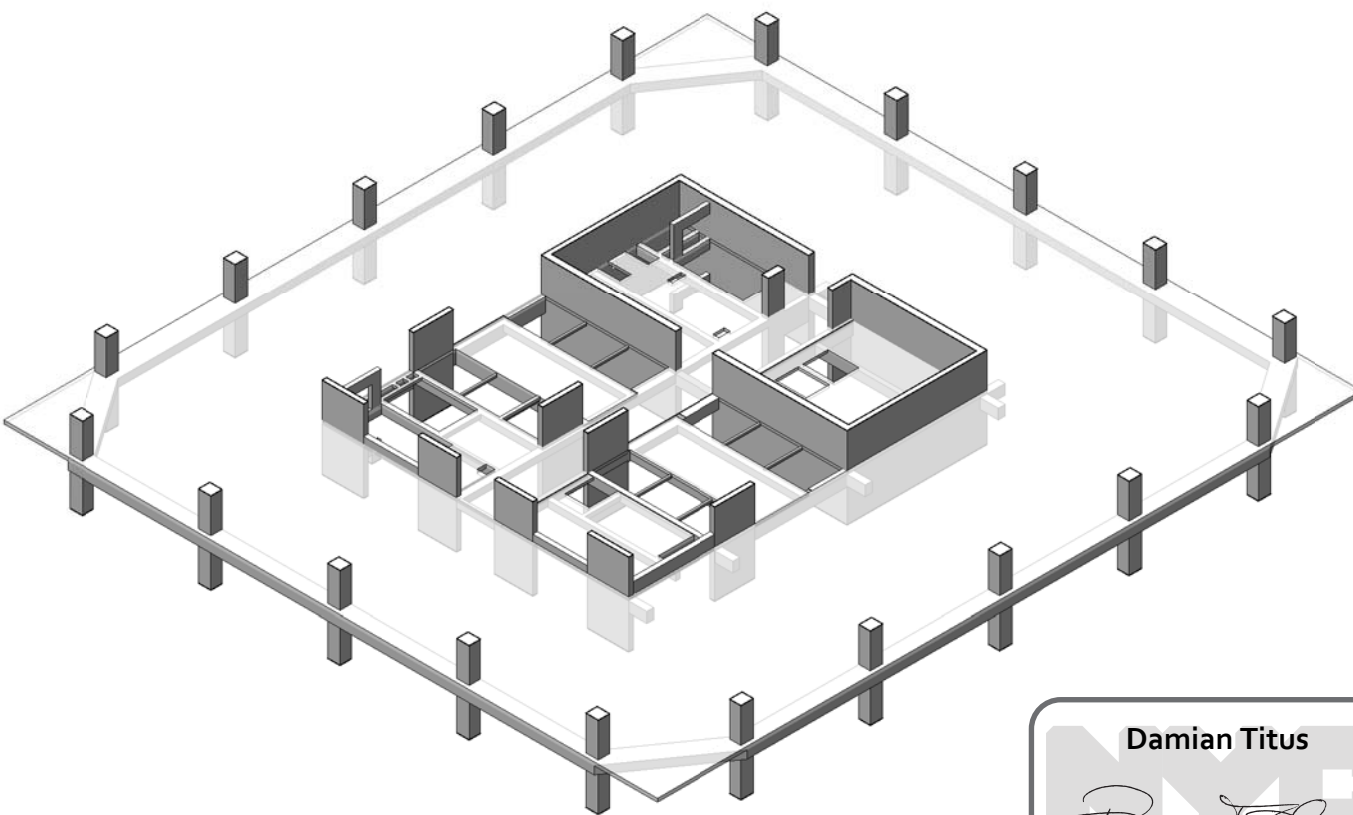


1 40TH FLOOR (MARKETING 41) FRAMING PLAN  
SCALE: 3/16" = 1'-0"

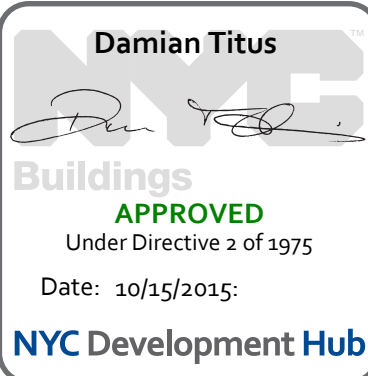
- NOTES:
1. T/S LAB ELEVATION @ EL. 590'-7" U.N.O. THIS ON PLAN.
  2. SLAB TO BE 9" THICK PT. (T, WT. CONC. U.N.O. THIS ON PLAN.
  3. UNLESS NOTED ON THIS DWG., REFER TO DWG. S-310 FOR PT. & SLAB REINFORCEMENT LAYOUTS.
  4. FOR BALANCE OF NOTES SEE DWG. FO-120.

- MATERIAL NOTES
1. ALL SLABS TO BE LIGHT-WEIGHT CONCRETE  
MAXIMUM DENSITY 12000<sup>pcf</sup> AND  $f_c = 7000$  psi.
  2. ALL COLUMNS AND SHEAR WALLS TO BE NORMAL WEIGHT CONCRETE.

LOAD TABLE (OUTSIDE CORE AREA)			
DL	SDL	LL	FACADE
SLAB WEIGHT (VARIES)	35 PSF	150 PSF	730 PLF



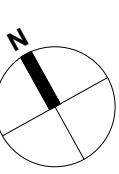
3D VIEW



Issue Date: 04/03/2015  
Project No: 1305480  
Drawn By: CADD  
Sheet Number: 1305480-S-400

40TH FLOOR (MARKETING 41) FRAMING PLAN

Project Number  
**S-400.00**







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Related Companies  
60 Columbus Circle  
New York, NY 10023  
Tel: 212.801.1000 Fax: 212.801.1048

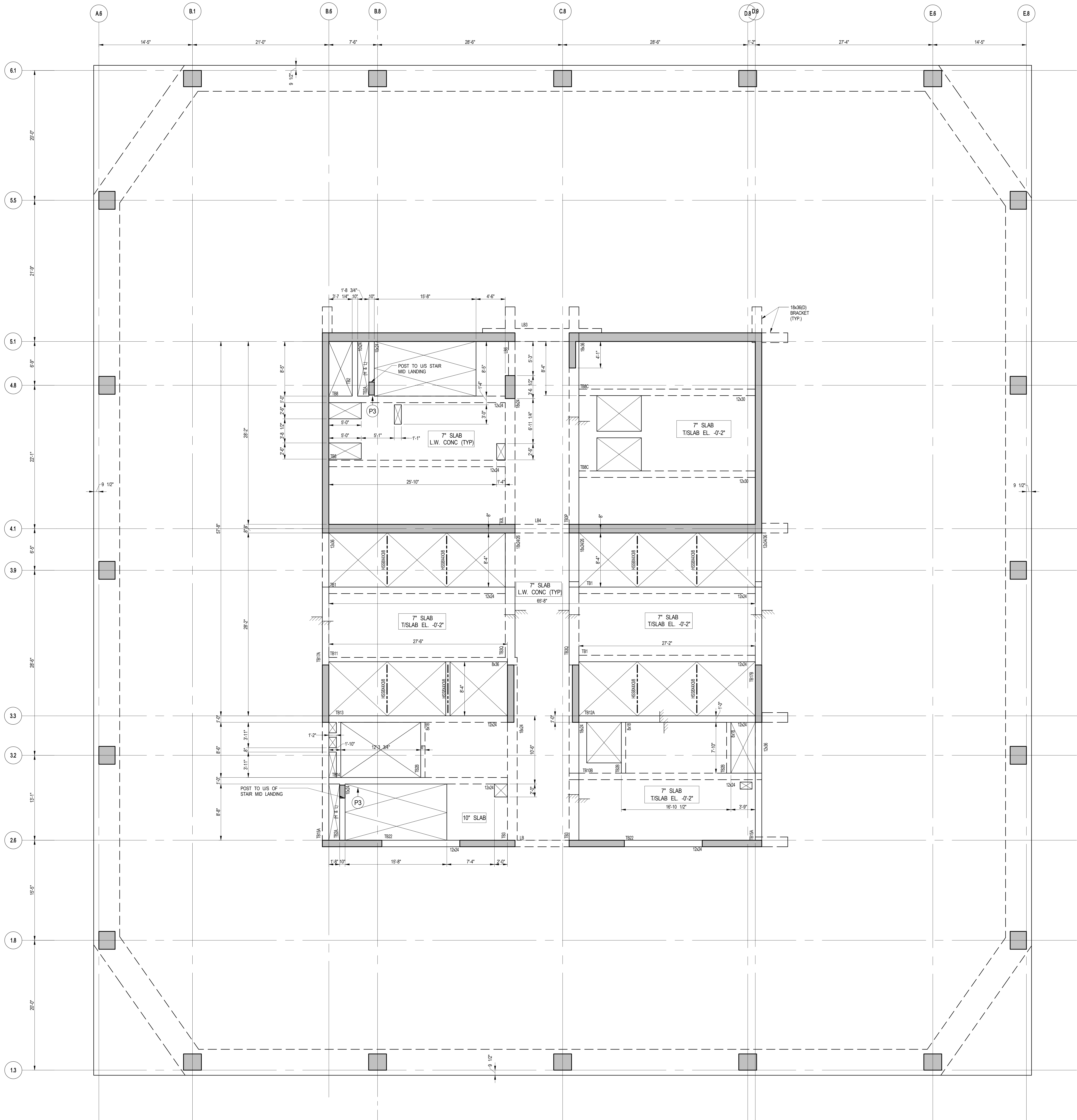
Oxford Properties Group  
320 Park Avenue, 17th Floor  
New York, NY 10022  
Tel: 212.986.7514 Fax: 212.986.7510

Mitsui Fudosan America, Inc.  
1251 Avenue of the Americas, Suite 800  
New York, NY 10020  
Tel: 212.403.5600 Fax: 212.403.5657

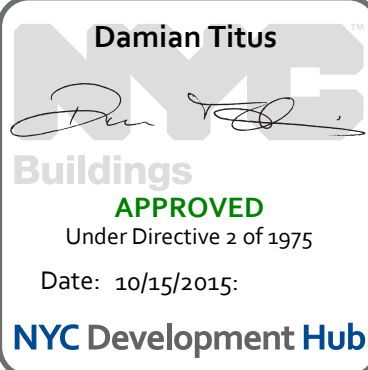
Architect  
Kohn Pedersen Fox Associates PC  
Architects & Planning Consultants  
11 West 42nd Street  
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WSP  
512 Seventh Avenue  
New York, NY 10018  
Tel: 212.533.9600



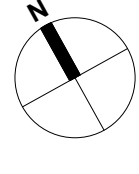
1 40TH FLOOR (MARKETING 41) G.A. PLAN  
S-409  
SCALE: 3/16\"/>



Issue Date: 04/03/2015  
Project No: 1305480  
Drawn By: CADD  
Sheet Number: 1305480-S-409

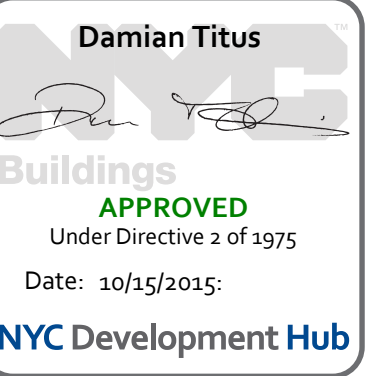
40TH FLOOR  
(MARKETING 41) G.A.  
PLAN

Sheet Number  
S-409.00





LOAD TABLE (OUTSIDE CORE AREA)			
DL	SDL	LL	FACADE
SLAB WEIGHT (VARIES)	35 PSF	150 PSF	730 PLF

3D VIEW

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	D.O.B. BUILDING PERMIT FILING	05/01/2015
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No.	Description	Date



Issue Date:	04/03/2015
Project No.	1305480
Drawn By	CADD
Sheet Number	1305480-S-410

# 41ST

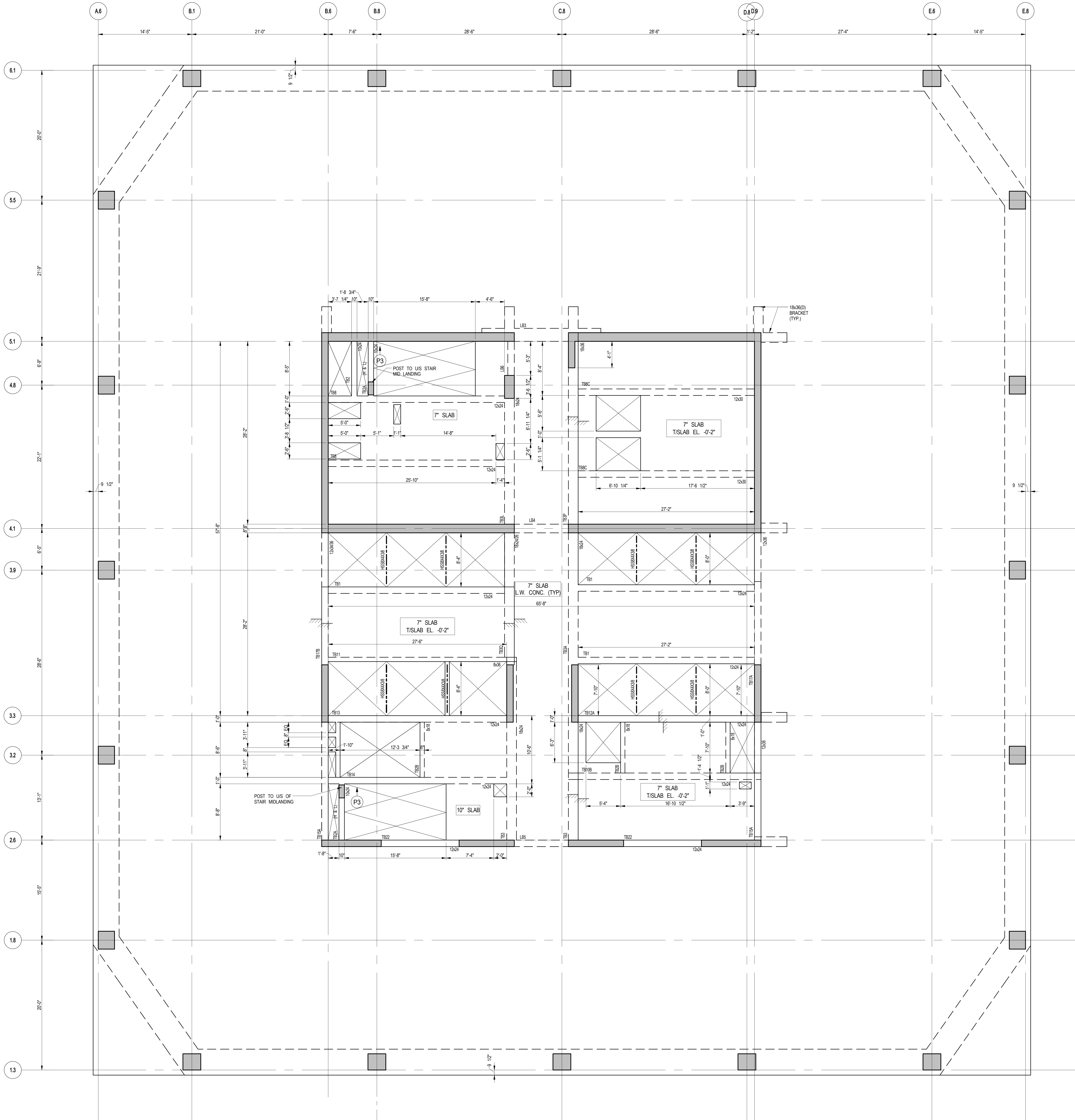
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(MARKETING 42)  
FRAMING PLAN**

## Display Number

**S-410.00**

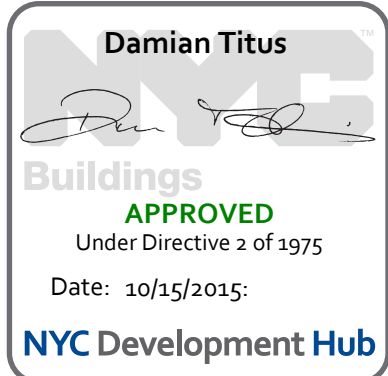


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1 41ST FLOOR (MARKETING 42) G.A. PLAN  
S-419 SCALE: 3/16" = 1'-0"

- NOTES:
1. TISLAB ELEVATION @ EL. 604'-1" U.O.N. THIS [ ] ON PLAN.
  2. SLAB TO BE 9" THICK PT. LT. WT. CONC. U.O.N. THIS [ ] ON PLAN.
  3. FOR BALANCE OF NOTES SEE CORRESPONDING FRAMING PLAN.



## 55 HUDSON YARDS

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10001



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Tel: 212.533.9600

No.	Description	Date
1	D.O.B. BUILDING PERMIT FILING	05/01/2015
	100% CONSTRUCTION DOCUMENTS	04/03/2015

Key Plan

Issue Date: 04/03/2015  
Project No: 1305480  
Drawn By: CADD  
Sheet Number: 1305480-S-419



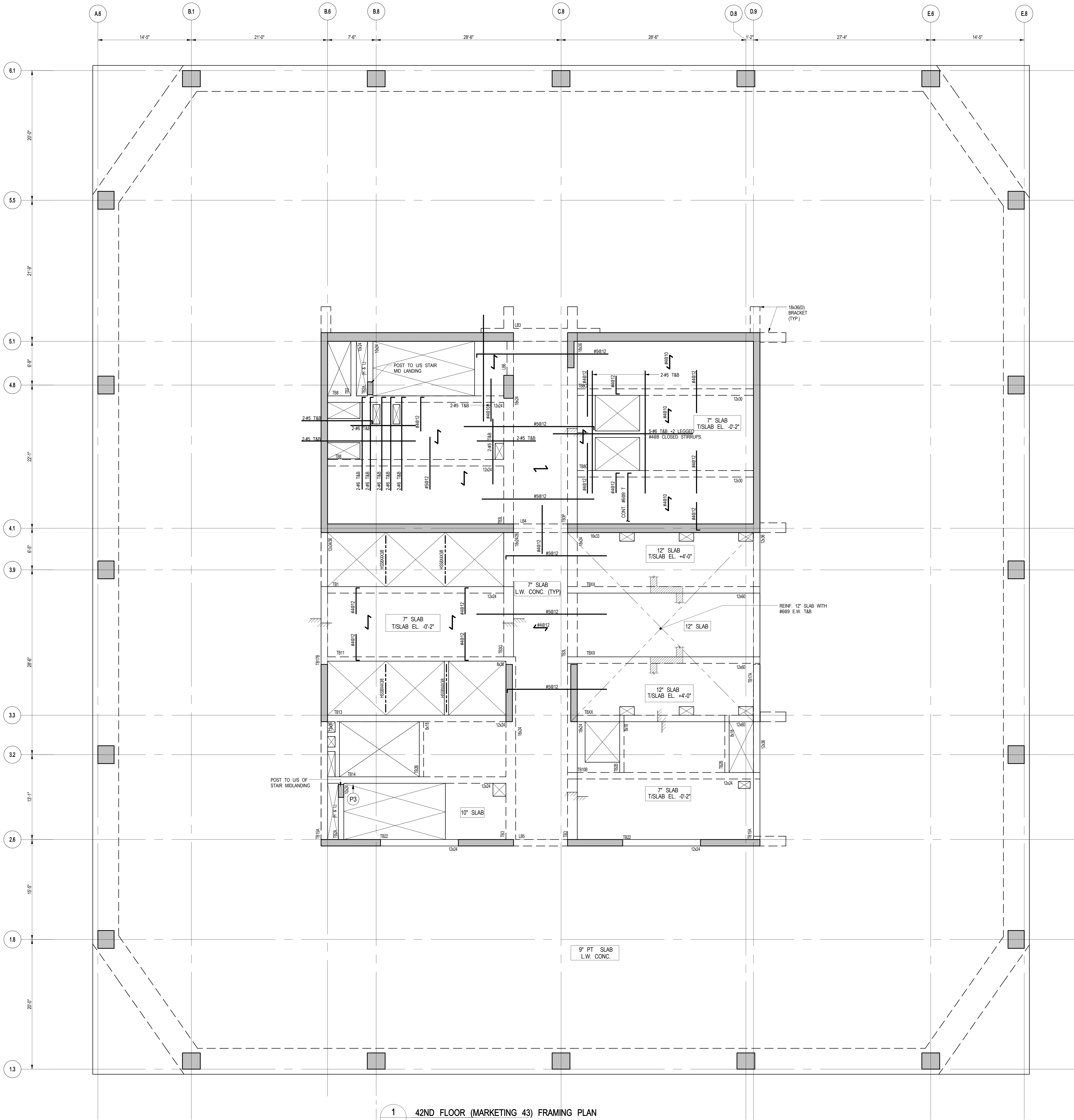
Division Title  
41ST FLOOR  
(MARKETING 42) G.A.  
PLAN

Project Number  
S-419.00

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S-420  
5/14/2015 12:22:39 PM  
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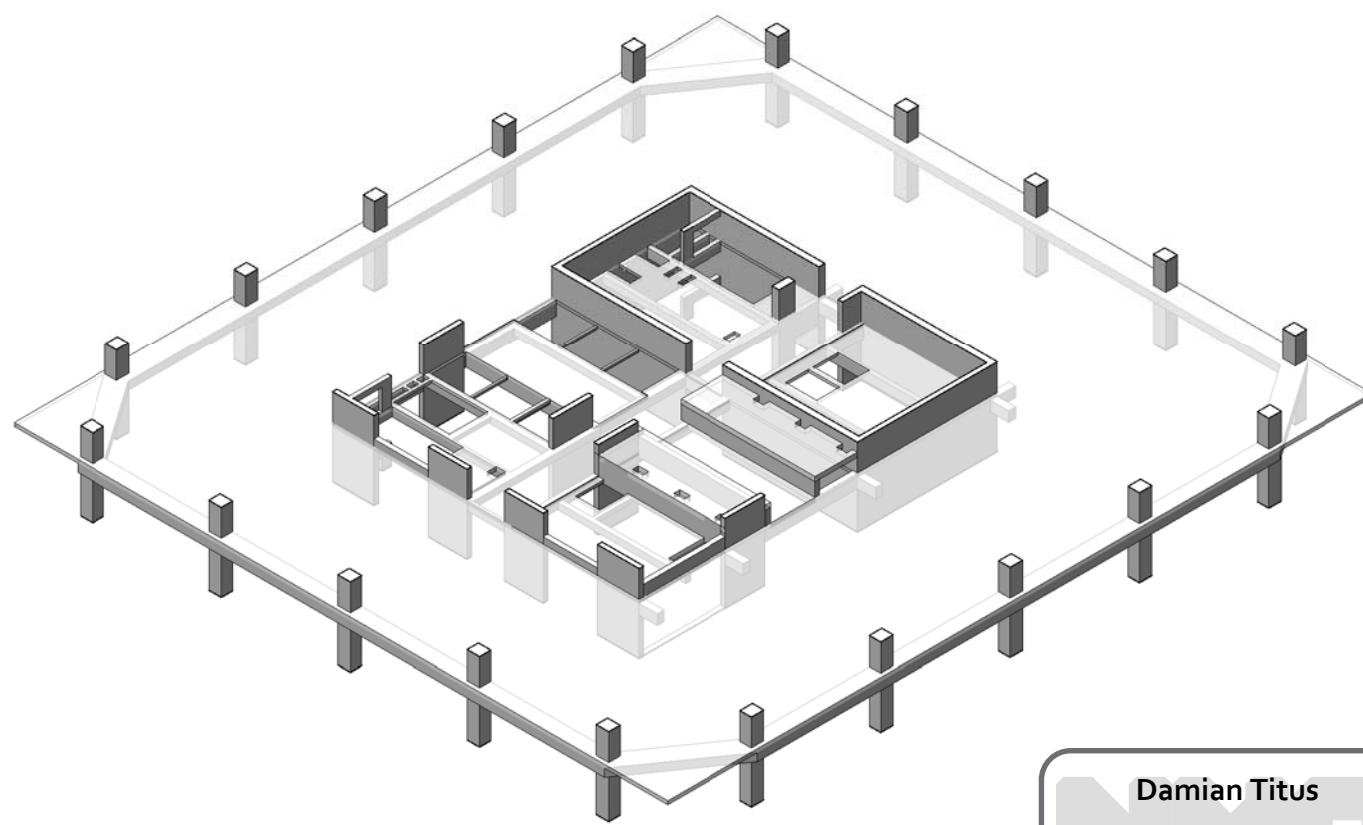


1 42ND FLOOR (MARKETING 43) FRAMING PLAN  
SCALE: 3/16" = 1'-0"

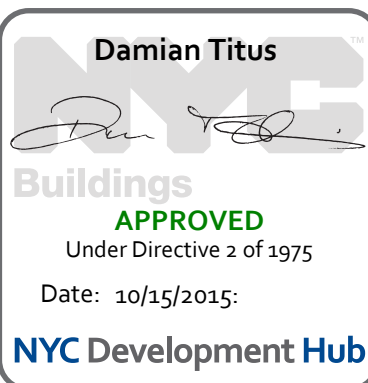
- NOTES
1. T/S LAB ELEVATION @ EL. 617'-7" U.O.N. THIS [ ] ON PLAN.
  2. SLAB TO BE 9" THICK PT. LT. WT. CONC. U.O.N. THIS [ ] ON PLAN.
  3. FOR BALANCE OF NOTES SEE DWG. FO-120
  4. UNLESS NOTED ON THIS DWG., REFER TO DWG. S-310 FOR PT. & REINFORCEMENT LAYOUTS.
  5. UNLESS NOTED ON THIS DWG., FOR SLAB REINFORCEMENT LAYOUT INSIDE CORE, REFER TO DWG. S-310

- MATERIAL NOTES
1. ALL SLABS TO BE LIGHT-WEIGHT CONCRETE (MAXIMUM DENSITY 120LB/CF AND  $f_c = 7000$  PSI).
  2. ALL COLUMN AND SHEAR WALLS TO BE NORMAL WEIGHT CONCRETE.

LOAD TABLE (OUTSIDE CORE AREA)			
DL	SDL	LL	FACADE
SLAB WEIGHT (VARIES)	35 PSF	150 PSF	730 PLF



3D VIEW



## 55 HUDSON YARDS

Address  
550 W 34TH St., New York, NY 10001



Client  
Related Companies  
60 Columbus Circle  
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Oxford Properties Group  
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Tel: 212.986.7514 Fax: 212.986.7510

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TEL: 212.977.6500 FAX: 212.956.2526

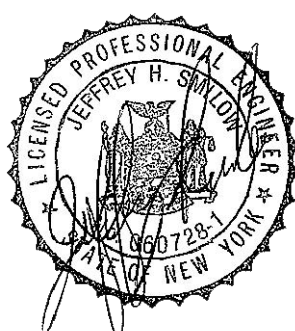
Structural Engineer  
WSP  
228 East 45th Street, 3rd Floor  
New York, NY 10017  
Tel: 212.687.9888 Fax: 646.487.5501

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WSP  
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New York, NY 10018  
Tel: 212.532.9600

No.	Description	Date
1	D.O.B. BUILDING PERMIT FILING	05/01/2015
	100% CONSTRUCTION DOCUMENTS	04/03/2015

Key Plan

Issue Date: 04/03/2015  
Project No: 1305480  
Drawn By: CADD  
Sheet Number: 1305480-S-420



42ND FLOOR (MARKETING 43) FRAMING PLAN

Project Number  
**S-420.00**

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320 Park Avenue, 17th Floor  
New York, NY 10022  
Tel: 212.986.7514 Fax: 212.986.7510

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Architects & Planning Consultants  
11 West 42nd Street  
New York, New York 10036  
TEL: 212.977.6500 FAX: 212.956.2526

Structural Engineer

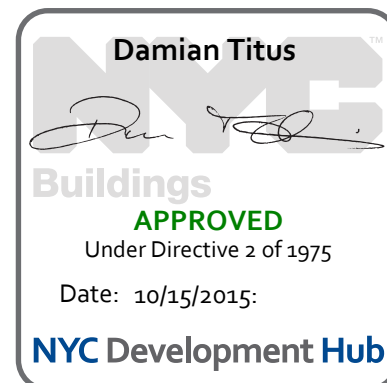
**WSP**  
228 East 45th Street, 3rd Floor  
New York, NY 10017  
Tel: 212.687.9888 Fax: 646.48

*Mechanical, Electrical, Plumbing, Fire Protection*

**WSP**  
512 Seventh Avenue  
New York, NY 10018  
Tel: 212.532.9600



NOTES:  
1. TISLAB ELEVATION @ EL. 617'- 7" U.O.N. THUS  ON PLAN.  
2. SLAB TO BE 9" THICK PT LT. WT. CONC U.O.N. THUS  ON PLAN  
3. FOR BALANCE OF NOTES SEE CORRESPONDING FRAMING PLAN.



Issue Date:	04/03/2015
Project No.	1305480
Drawn By	CADD
Sheet Number	1305480-S-429



*Drawing Title*  
**42ND FLOOR  
(MARKETING 43) G.A.  
PLAN**

*Display Number*  
**S-429.00**







*Address*  
550 W 34TH St., New York, NY  
10001



Related Companies  
60 Columbus Circle  
New York, NY 10023  
Tel: 212.801.1000 Fax: 212.801.1048

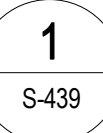
Oxford Properties Group  
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New York, NY 10022  
Tel: 212.986.7514 Fax: 212.986.7510

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Architects & Planning Consultants  
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*Structural Engineer*  
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WSP  
512 Seventh Avenue  
New York, NY 10018  
Tel: 212.532.9600

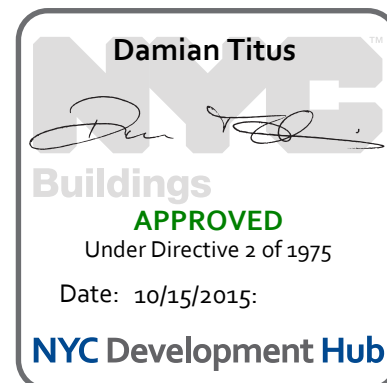


43RD-50TH FLOOR (MARKETING 44-51) G.A. PLAN

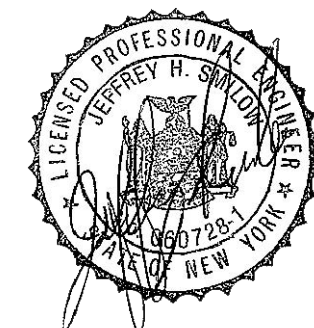
SCALE:  $3/16" = 1'-0"$

- |      |    |   |    |         |
|------|----|---|----|---------|
| 43rd | FL | 8 | EL | 631'-1" |
| 44th | FL | 8 | EL | 644'-7" |
| 45th | FL | 8 | EL | 658'-1" |
| 46th | FL | 8 | EL | 671'-7" |
| 47th | FL | 8 | EL | 685'-1" |
| 48th | FL | 8 | EL | 698'-7" |
| 49th | FL | 8 | EL | 712'-1" |
| 50th | FL | 8 | EL | 725'-7" |

2. SLAB TO BE 9" THICK PT LT. WT. CONC U.O.N. THUS  ON PLAN



<b>04/03/2015</b>
<i>Project No.</i> 1305480
<i>Drawn By</i> CADD
<i>Sheet Number</i> 1305480-S-439



#### Learning Task

**43RD-50TH FLOOR  
(MARKETING 44-51) G.A.  
PLAN**

*Doyle* *Novel*

**S-439.00**





Client  
Related Companies  
60 Columbus Circle  
New York, NY 10023  
Tel: 212.801.0000 Fax: 212.801.1048

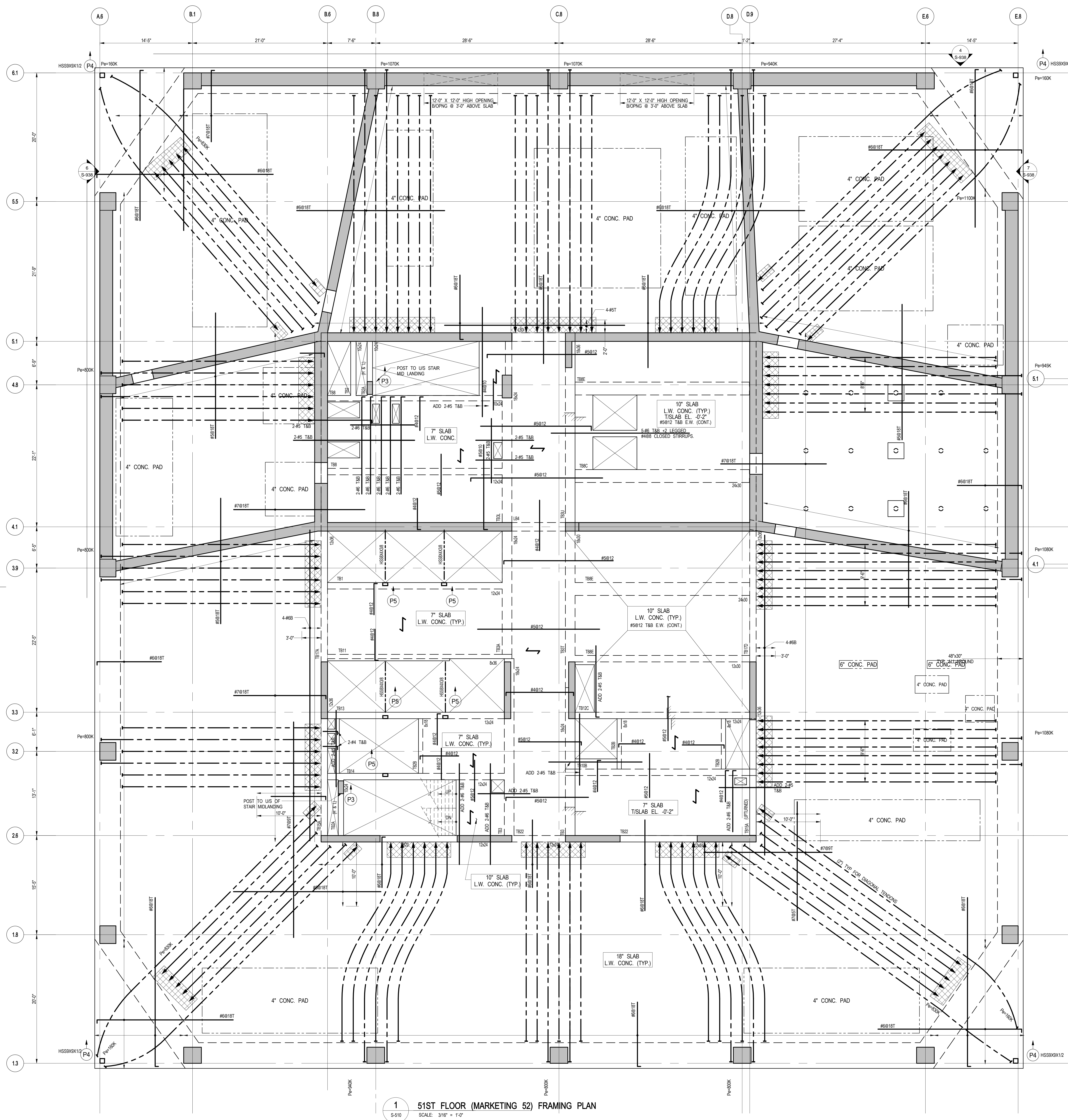
Oxford Properties Group  
320 Park Avenue, 17th Floor  
New York, NY 10022  
Tel: 212.986.7514 Fax: 212.986.7510

Mitsui Fudosan America, Inc.  
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Mechanical, Electrical, Plumbing, Fire Protection  
WSP  
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New York, NY 10018  
Tel: 212.533.9600



1 51ST FLOOR (MARKETING 52) FRAMING PLAN

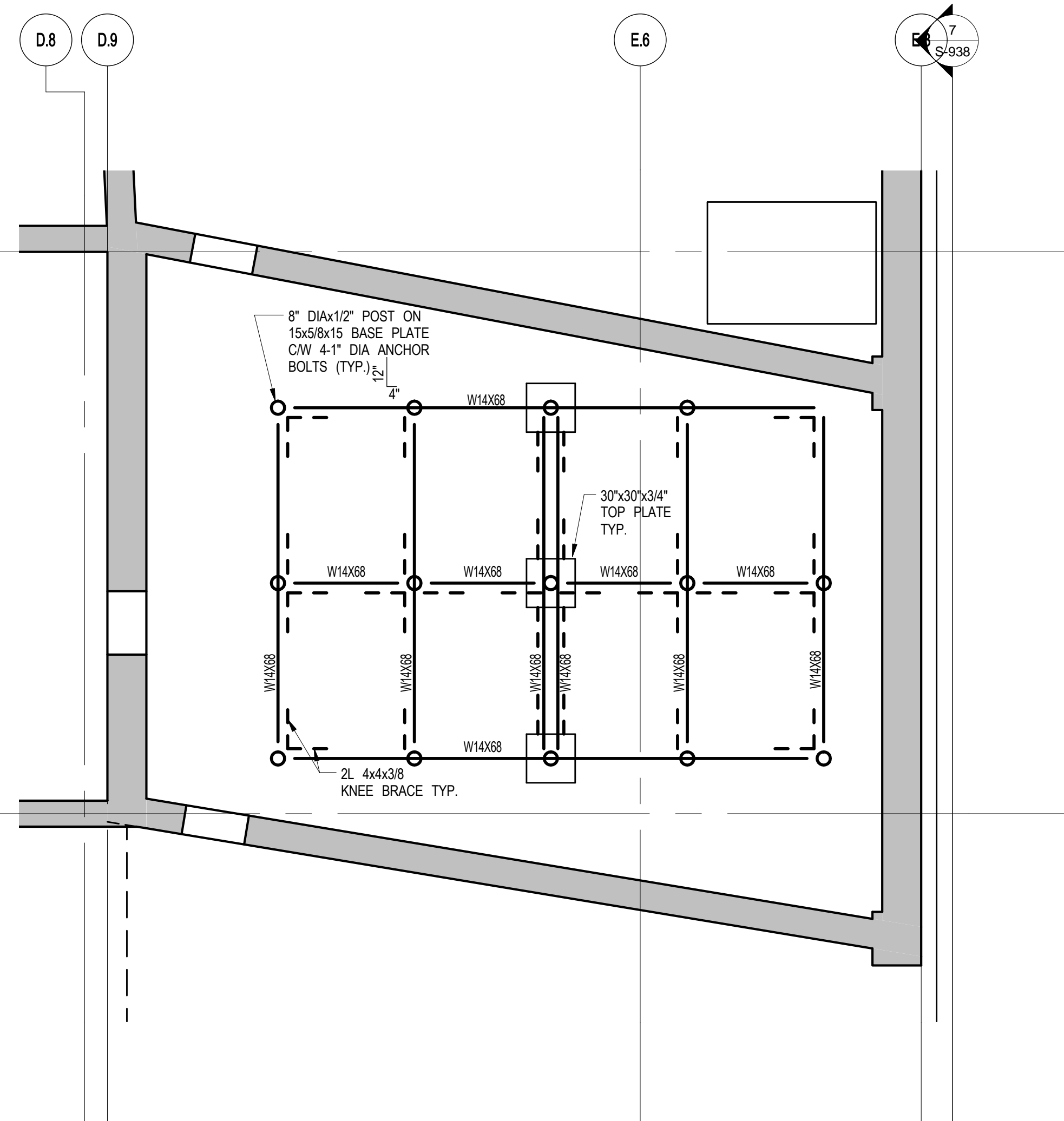
SCALE: 3/16" = 1'-0"

- NOTES
1. FOR T/S LAB ELEVATION SEE ARCH. DWGS.
  2. SLAB TO BE 18" THICK U.O.N. SLAB THUS  $\square$  ON PLAN.
  3. BOTTOM MAT REINF. TO BE:  
#4@10 EW CONT. FOR 10' RC SLAB INSIDE CORE U.O.N.  
#6@12 EW CONT. FOR 9' FT SLAB  
#6@10 CONT. MAIN BARS AND #4@14 CONT. TEMPERATURE  
BARS FOR 7' RC SLAB INSIDE CORE
  4. TOP MAT REINF. TO BE #5@18 EW CONT. FOR 18' FT SLAB.
  5. FOR BALANCE OF NOTES SEE DWG. FD-10

## MATERIAL NOTES

1. ALL SLABS TO BE LIGHT-WEIGHT CONCRETE  
(MAXIMUM DENSITY 120lb/cu ft AND  $f_c = 7000$  psi)
2. ALL COLUMNS AND SHEAR WALLS TO BE NORMAL WEIGHT CONCRETE.

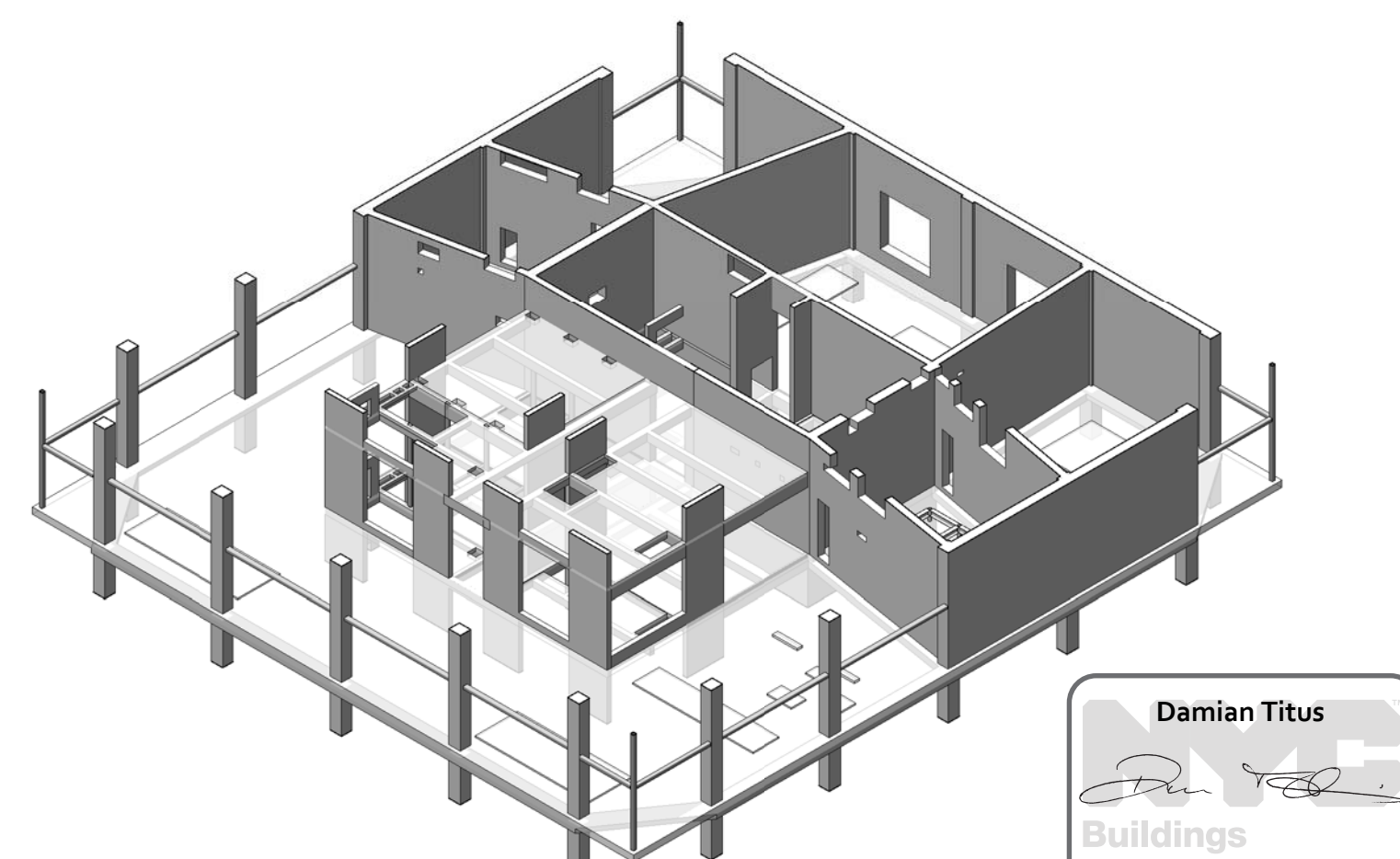
LOAD TABLE (OUTSIDE CORE AREA)			
DL	SDL	LL	FACADE
SLAB WEIGHT (VARIES)	45 PSF	156 PSF	810 PLF



3D VIEW

3 51ST FLOOR (MARKETING 52) MEZZANINE FRAMING PLAN

SCALE: 3/16" = 1'-0"

NOTES  
1. FOR FIRE RESERVE TANK BEARING DETAILS ON SUPPORTING BEAMS, REFER TO SUPPLIERS' DRAWING.

Damian Titus  
Buildings  
APPROVED  
Under Directive 2 of 5975  
Date: 04/03/2015  
NYC Development Hub

No.	Description	Date
1	D.O.B. BUILDING PERMIT FILING	05/01/2015
	100% CONSTRUCTION DOCUMENTS	04/03/2015

Key Plan

Issue Date: 04/03/2015  
Project No: 1305480  
Drawn By: CADD  
Sheet Number: 1305480-S-510

51ST FLOOR (MARKETING 52) FRAMING PLAN

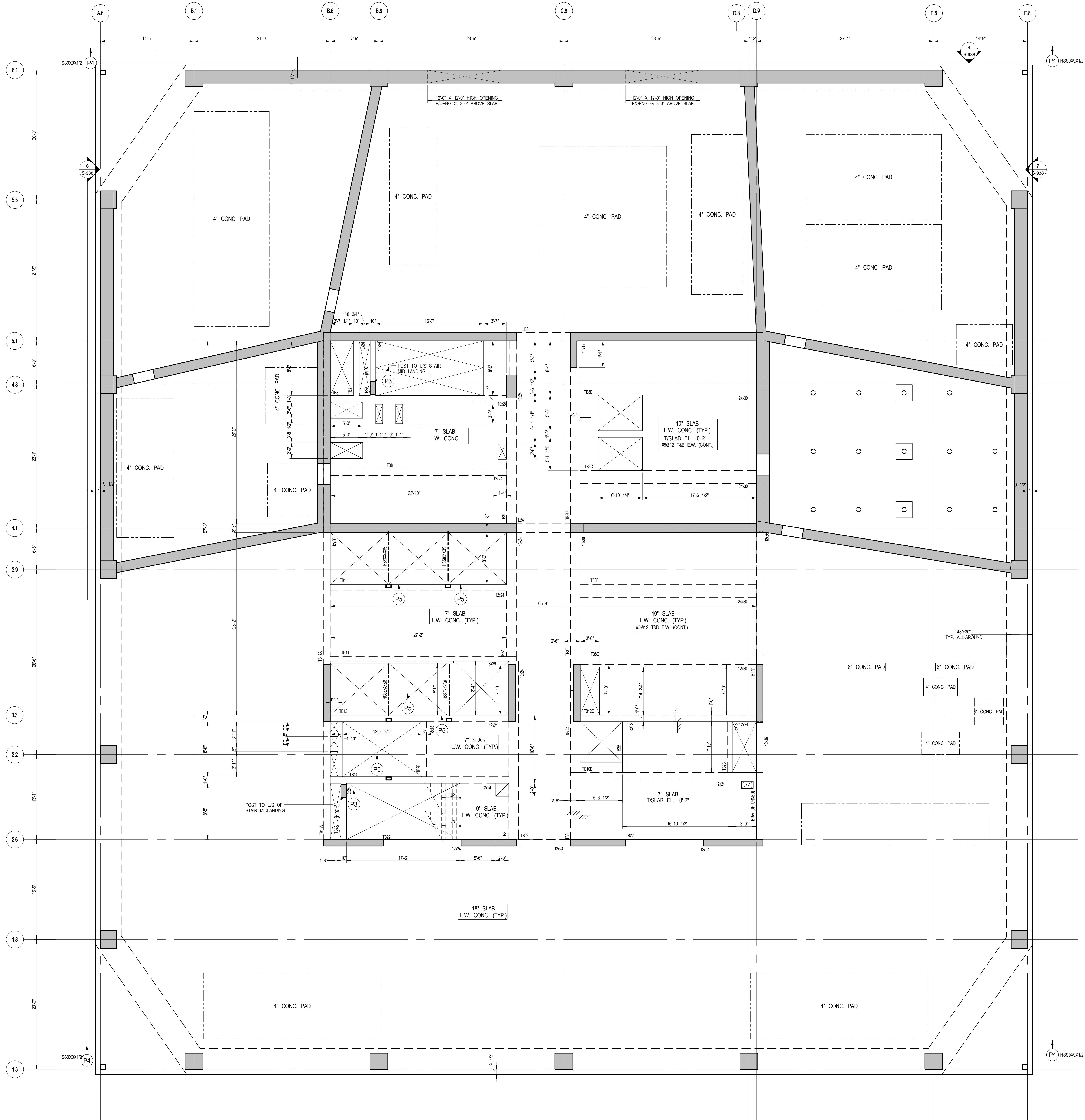
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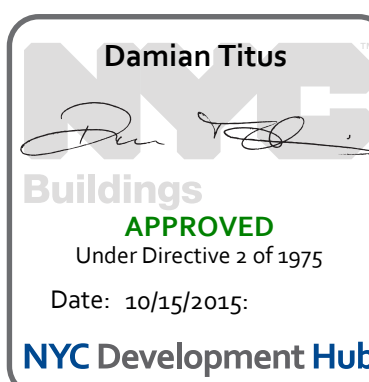
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S-514  
5/14/2015 12:02:29 PM  
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1 51ST FLOOR (MARKETING 52) G.A. PLAN  
SCALE: 3/16" = 1'-0"  
NOTES:  
1. FOR T/S LAB ELEVATION SEE ARCH. DWGS.  
2. SLAB TO BE 18" THICK U.G.N. SLAB THUS [ ] ON PLAN.  
3. FOR BALANCE OF NOTES SEE CORRESPONDING FRAMING PLAN.



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No.	Description	Date
1	D.O.B. BUILDING PERMIT FILING	05/01/2015
	100% CONSTRUCTION DOCUMENTS	04/03/2015

Key Plan

Issue Date: 04/03/2015  
Project No: 1305480  
Drawn By: CADD  
Sheet Number: 1305480-S-514

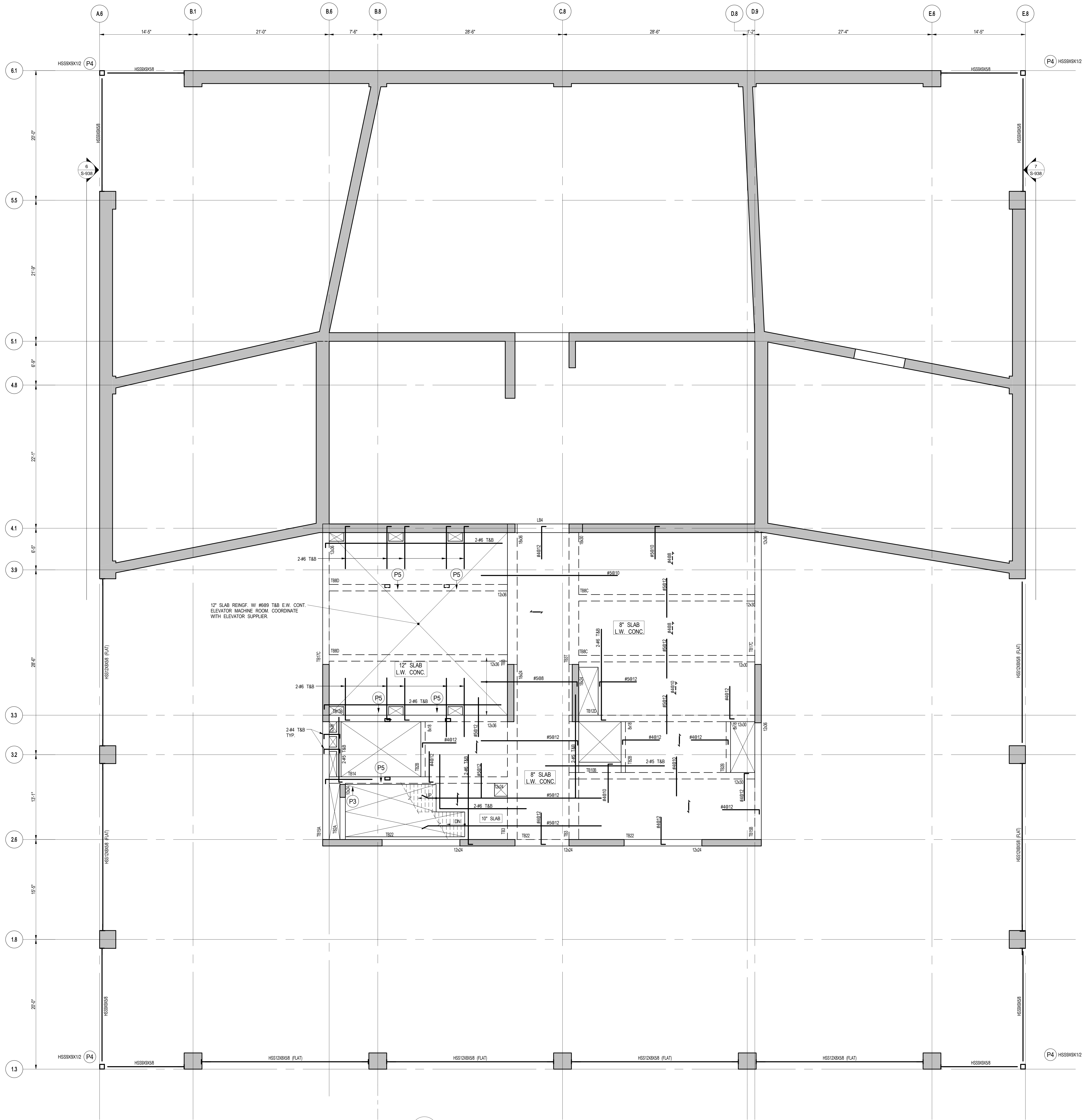
Professional Seal of Damion Titus, Licensed Professional Engineer, State of New York, No. 1305480.

51ST FLOOR (MARKETING 52) G.A. PLAN

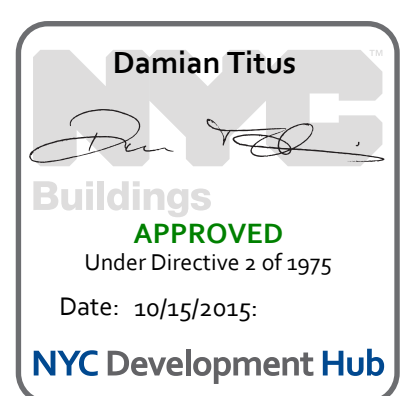
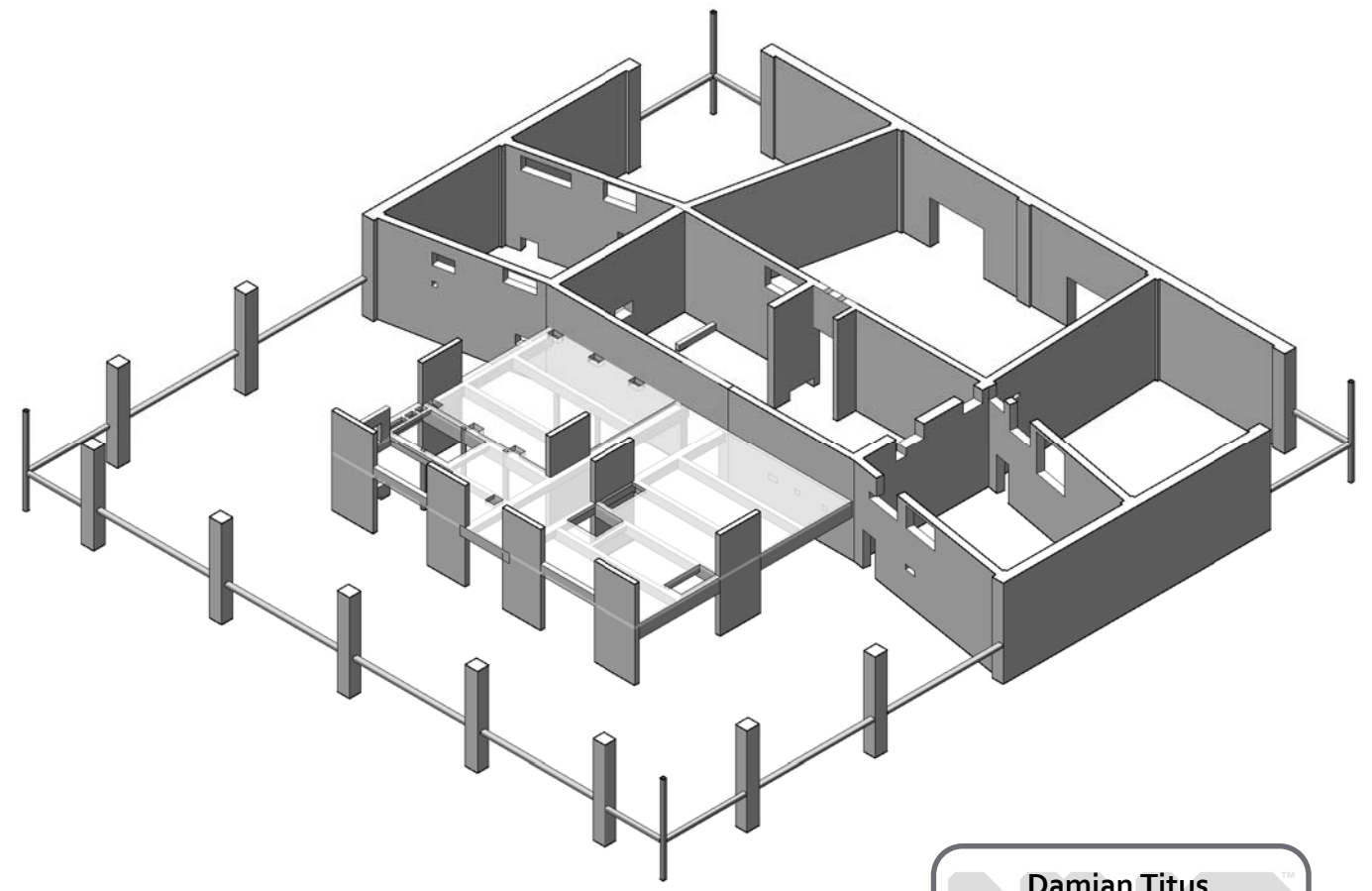
**S-514.00**



S-515 51ST FLOOR (MARKETING 52) MEZZANINE FRAMING PLAN  
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5/14/2015 12:02:38 PM



1 51ST FLOOR (MARKETING 52) MEZZANINE FRAMING PLAN  
S-515  
SCALE: 3/16" = 1'-0"  
NOTES:  
1. TISLAB ELEVATION @ EL. 756'-7" U.O.N. THIS ON PLAN.  
2. SLAB TO BE 8" THICK SLAB U.O.N. THIS ON PLAN.  
3. FOR BALANCE OF NOTES SEE DWG. FO-120.



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No.	Description	Date
1	D.O.B. BUILDING PERMIT FILING	05/01/2015
	100% CONSTRUCTION DOCUMENTS	04/03/2015

Key Plan

Issue Date: 04/03/2015  
Project No: 1305480  
Drawn By: CADD  
Sheet Number: 1305480-S-515

51ST FLOOR (MARKETING 52) MEZZANINE FRAMING PLAN

S-515.00

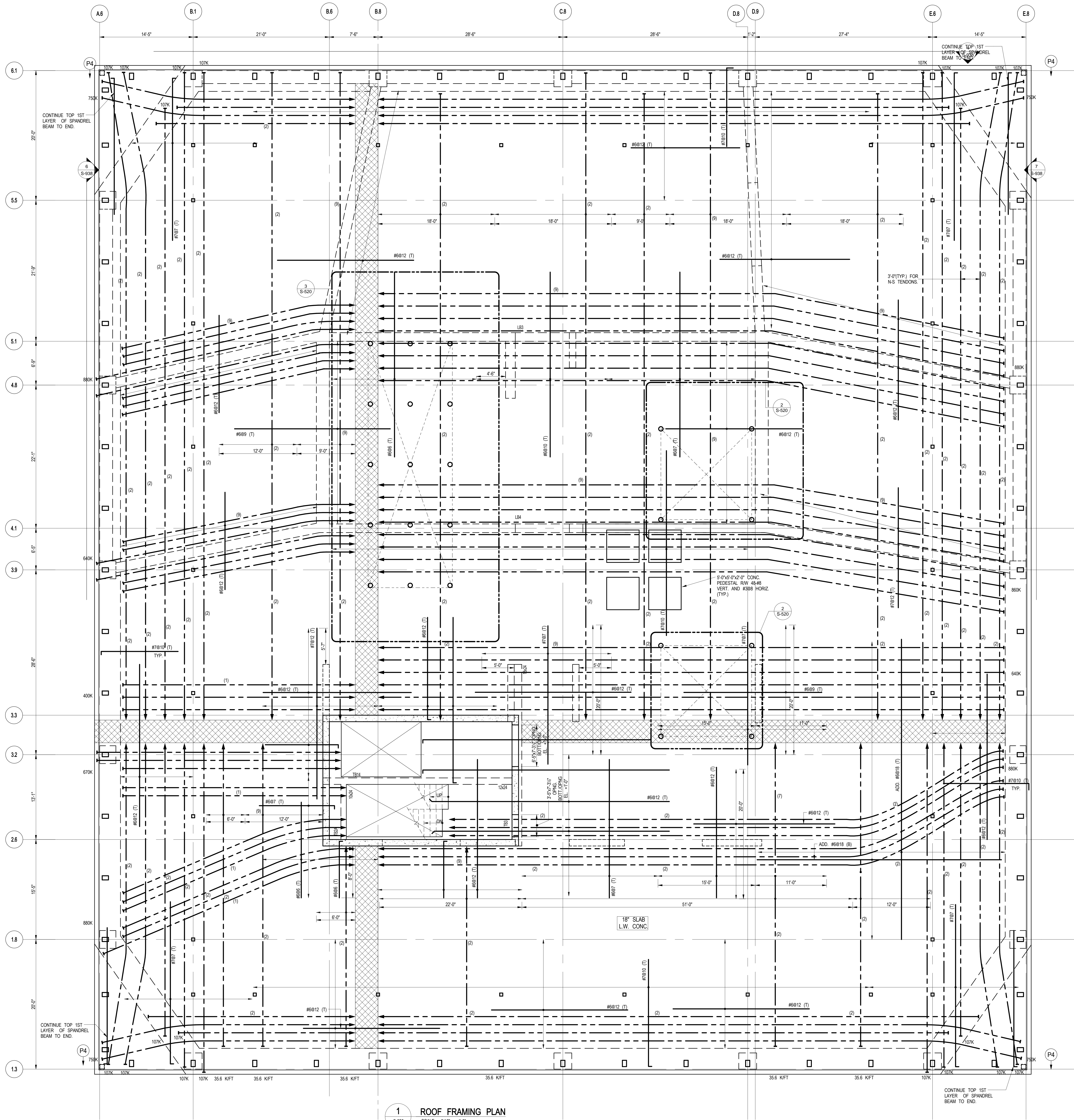






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ROOF PLAN

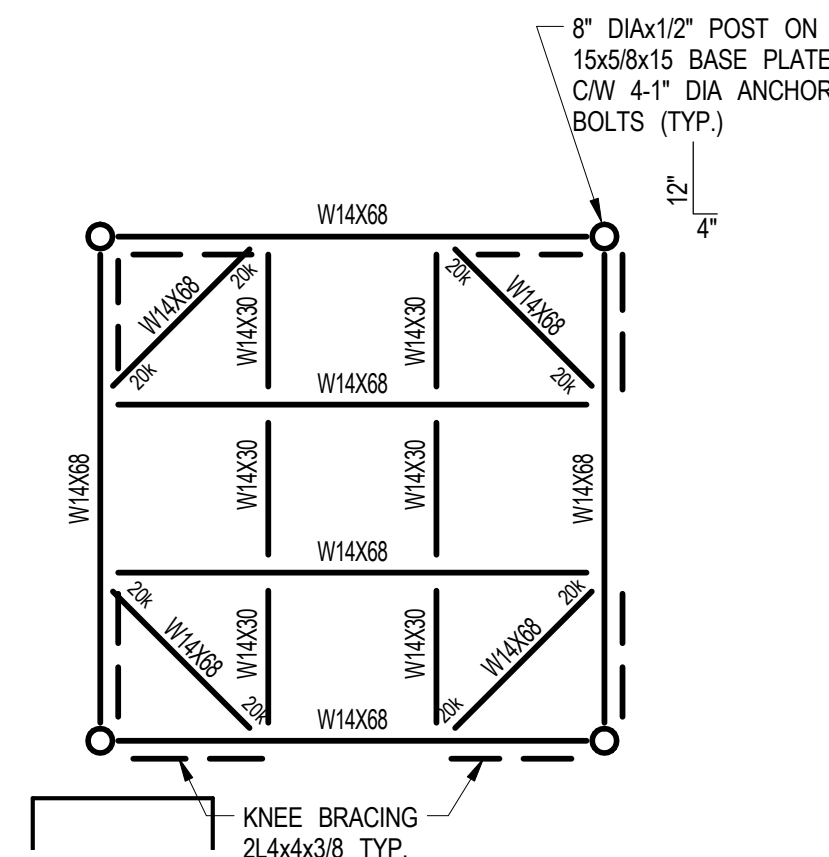


**1 ROOF FRAMING PLAN**  
SCALE: 3/16" = 1'-0"  
NOTES:  
1. SLAB ELEVATION @ EL. 708'-4" U.O.N. THIS PLAN.  
2. SLAB TO BE 18" THICK SLAB U.O.N. THIS PLAN.  
3. BOTTOM MAT REIN. TO BE #5@18" E.W. CONT. TOP MAT REIN. TO BE #5@18" E.W. CONT.  
4. FOR BALANCE OF NOTES SEE DWG. FO-120.

**MATERIAL NOTES**

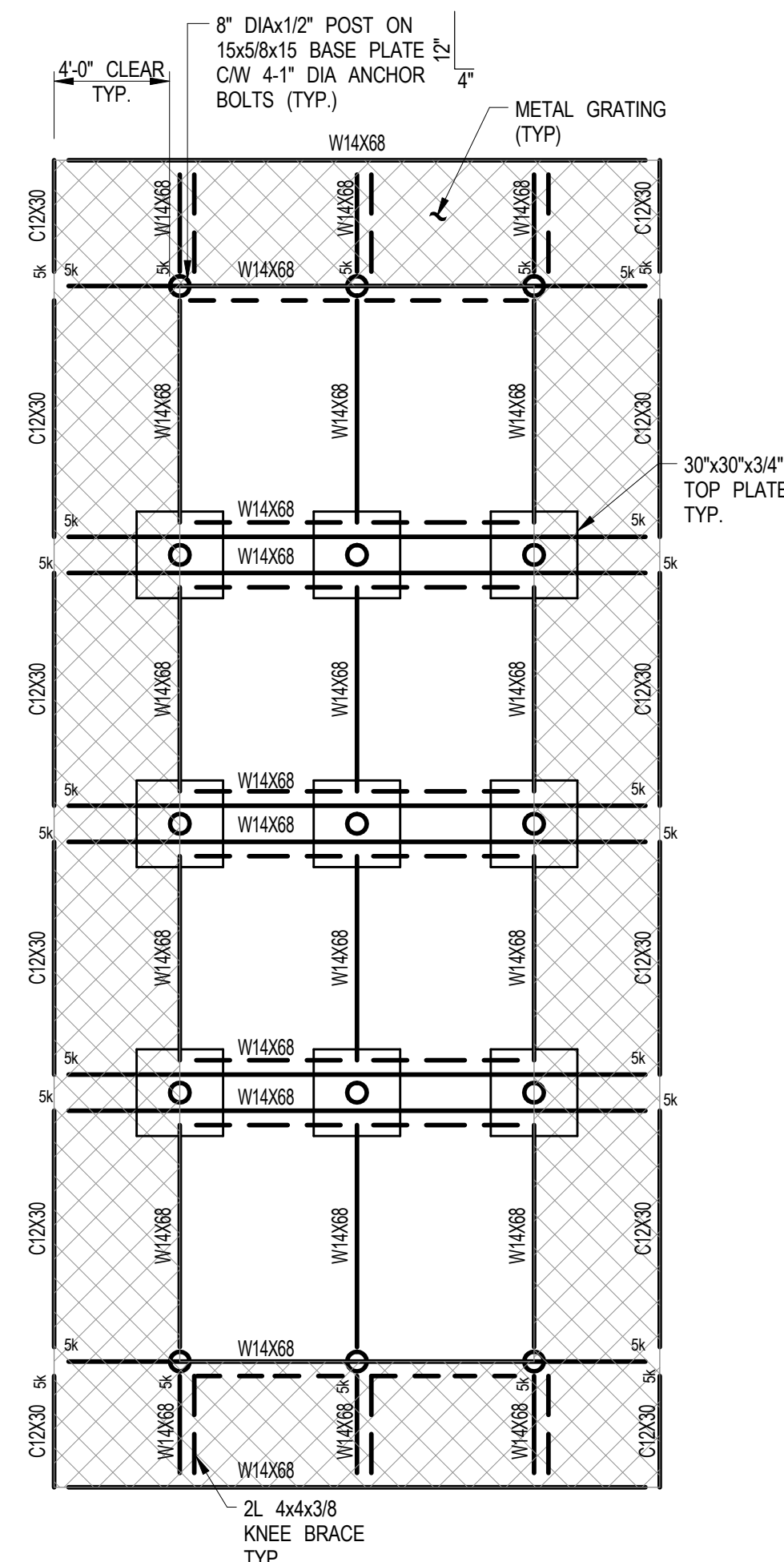
- ALL SLABS TO BE LIGHT-WEIGHT CONCRETE (MAXIMUM DENSITY 120LB/CY AND  $f_c = 7000$  PSI).
- ALL COLUMN AND SHEAR WALLS TO BE NORMAL WEIGHT CONCRETE.

LOAD TABLE (OUTSIDE CORE AREA)			
DL	SDL	LL	FAÇADE
SLAB WEIGHT (VARIES)	35 PSF	150 PSF	730 PLF



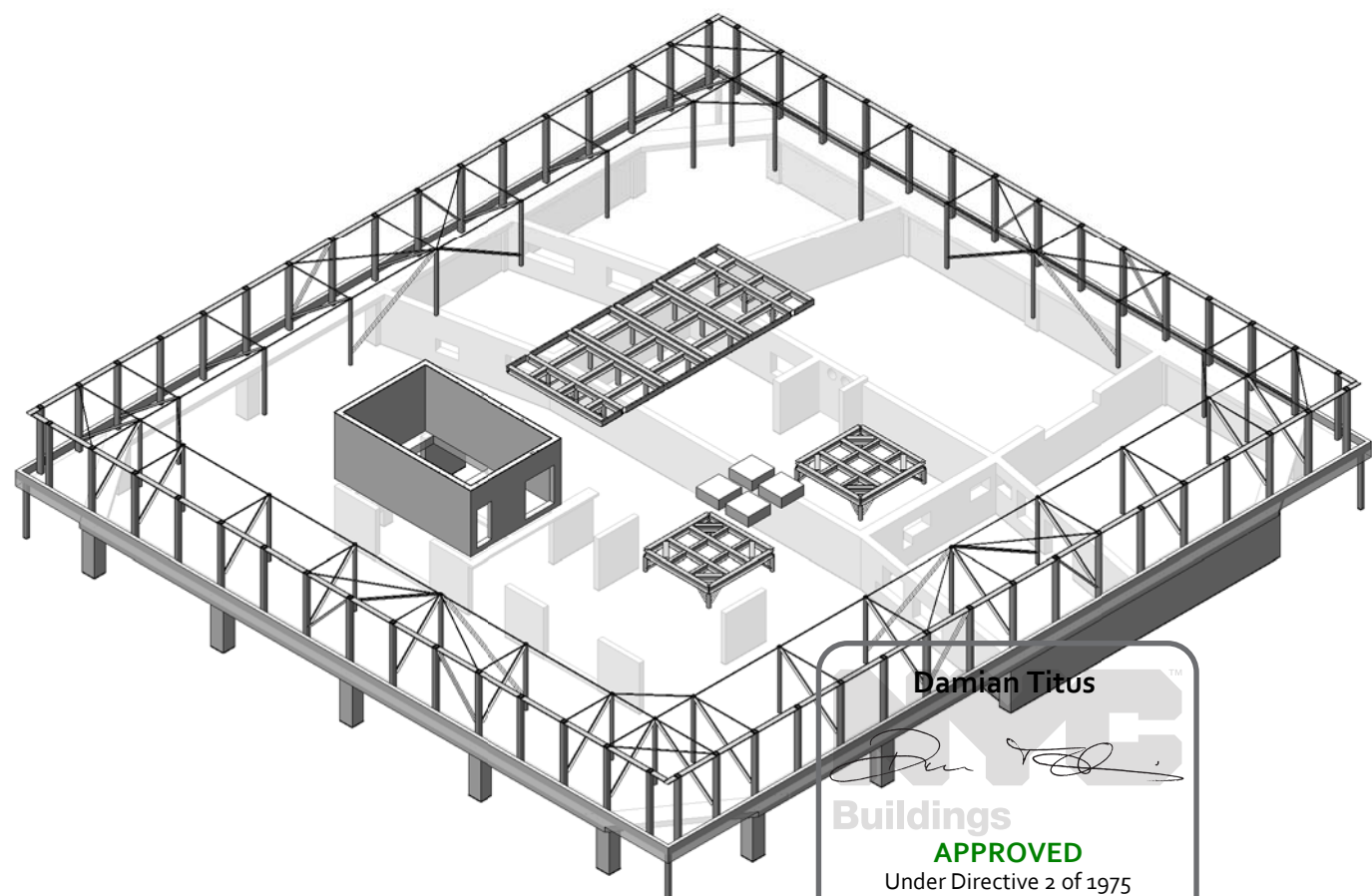
**2 FIRE RESERVE TANK SUPPORTING SYSTEM PLAN**

SCALE: 3/16" = 1'-0"  
NOTES:  
1. FOR FIRE RESERVE TANKS BEARING DETAILS ON SUPPORTING BEAMS, REFER TO SUPPLIERS' DRAWINGS.



**3 COOLING TOWER SUPPORT SYSTEM PLAN**

SCALE: 3/16" = 1'-0"  
NOTES:  
1. FOR COOLING TOWER BEARING DETAILS ON SUPPORTING BEAMS, REFER TO SUPPLIERS' DRAWINGS.



**3D VIEW**

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No.	Description	Date
1	D.O.B. BUILDING PERMIT FILING	05/01/2015
	100% CONSTRUCTION DOCUMENTS	04/03/2015

Key Plan

Issue Date: **04/03/2015**  
Project No: **1305480**  
Drawn By: **CADD**  
Sheet Number: **1305480-S-520**

Approval Title: **ROOF PLAN**

Drawing Number  
**S-520.00**





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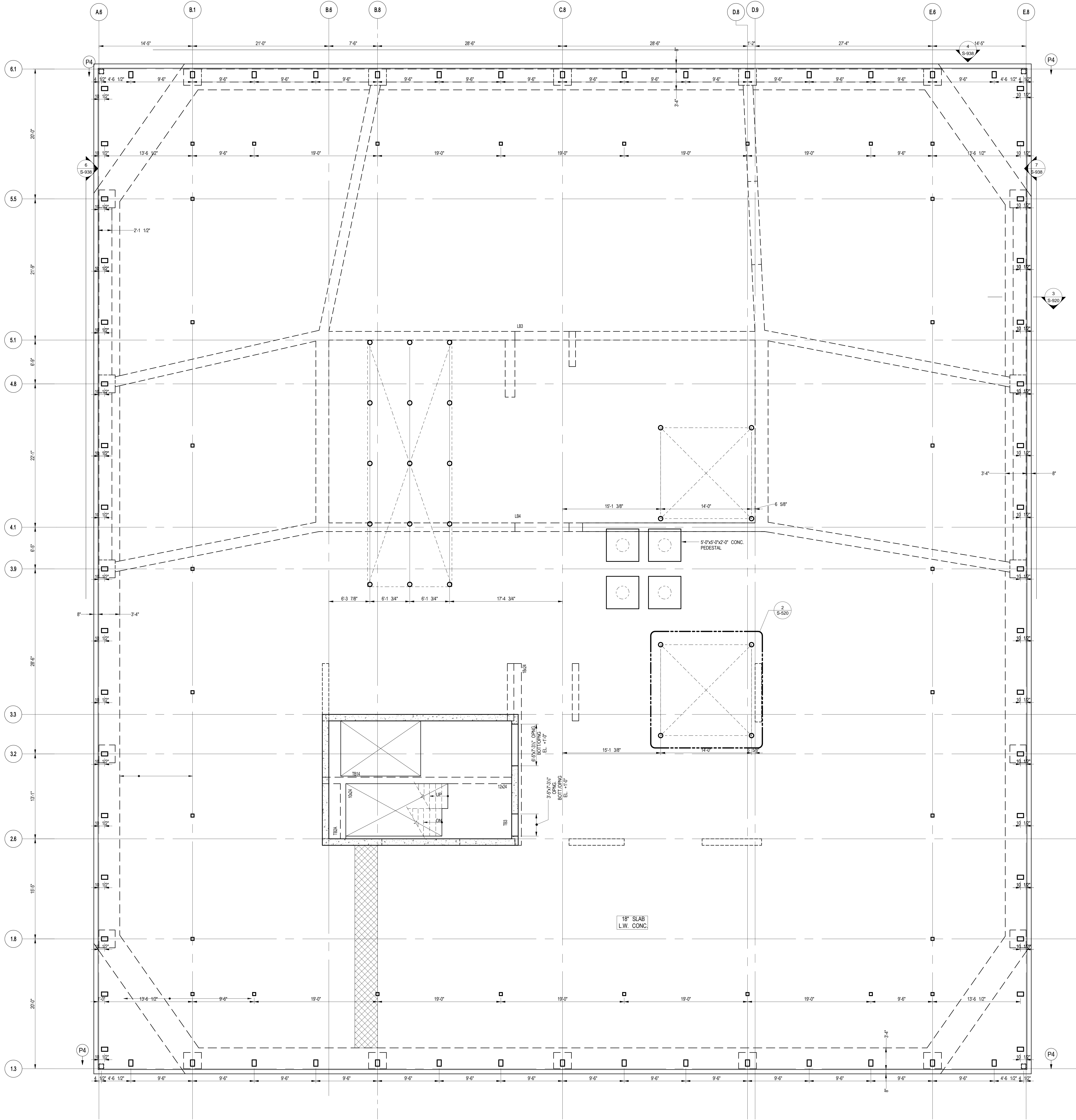
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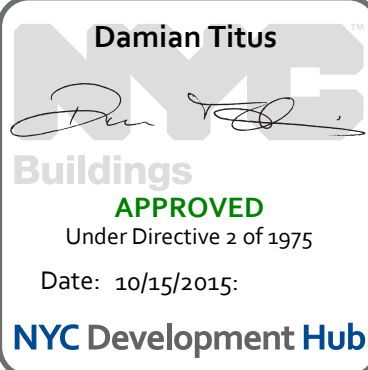
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1 ROOF GENERAL ARRANGEMENT PLAN  
SCALE: 3/16" = 1'-0"  
NOTES:  
1. SLAB ELEVATION @ EL. 769'-4" U.O.N. THUS [ ] ON PLAN.  
2. SLAB TO BE 18" THICK SLAB U.O.N. THUS [ ] ON PLAN.  
3. FOR BALANCE OF NOTES SEE CORRESPONDING FRAMING PLAN.

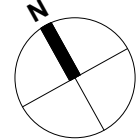


Issue Date: 04/03/2015  
Project No: 1305480  
Drawn By: CADD  
Sheet Number: 1305480-S-529



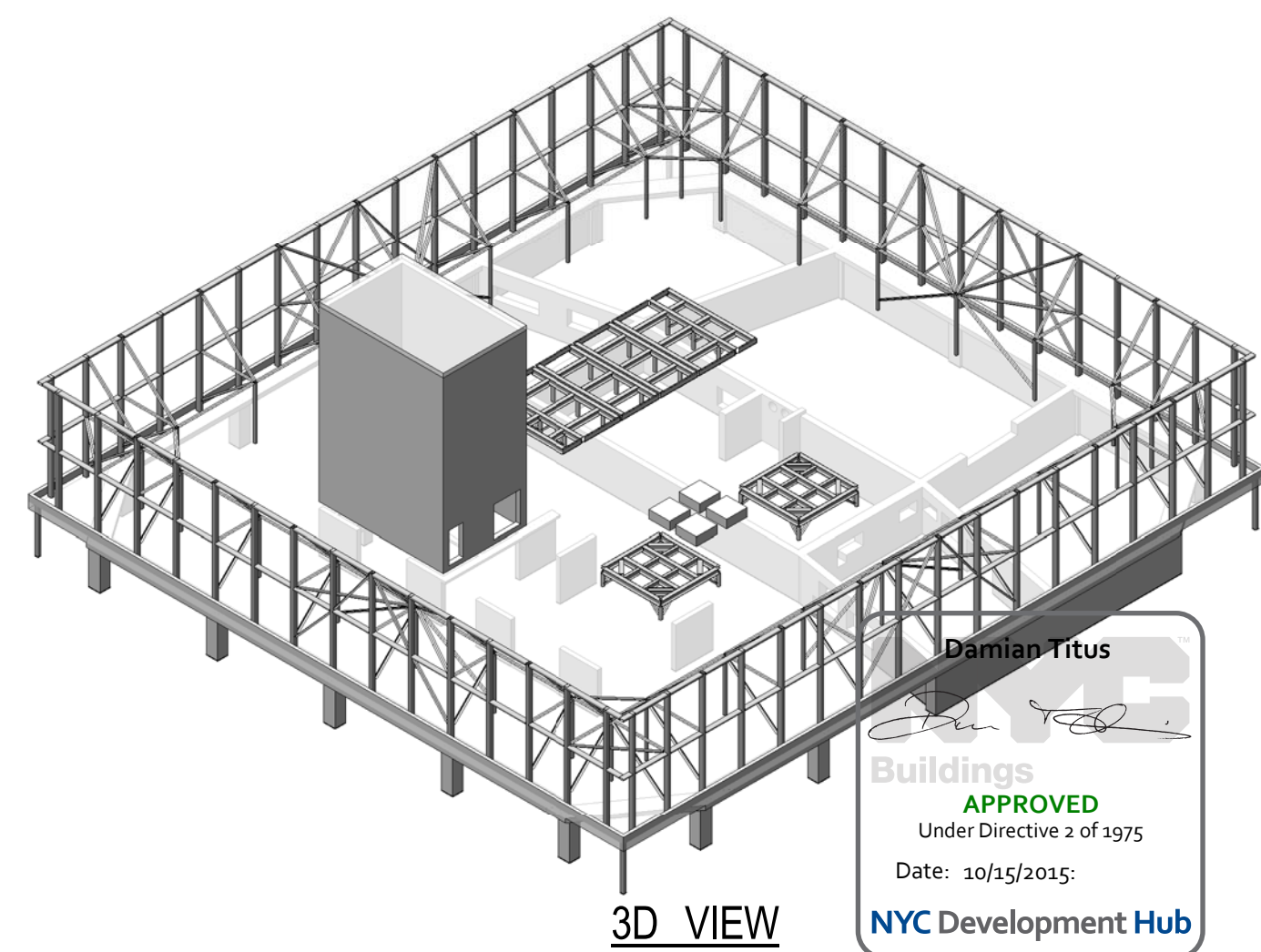
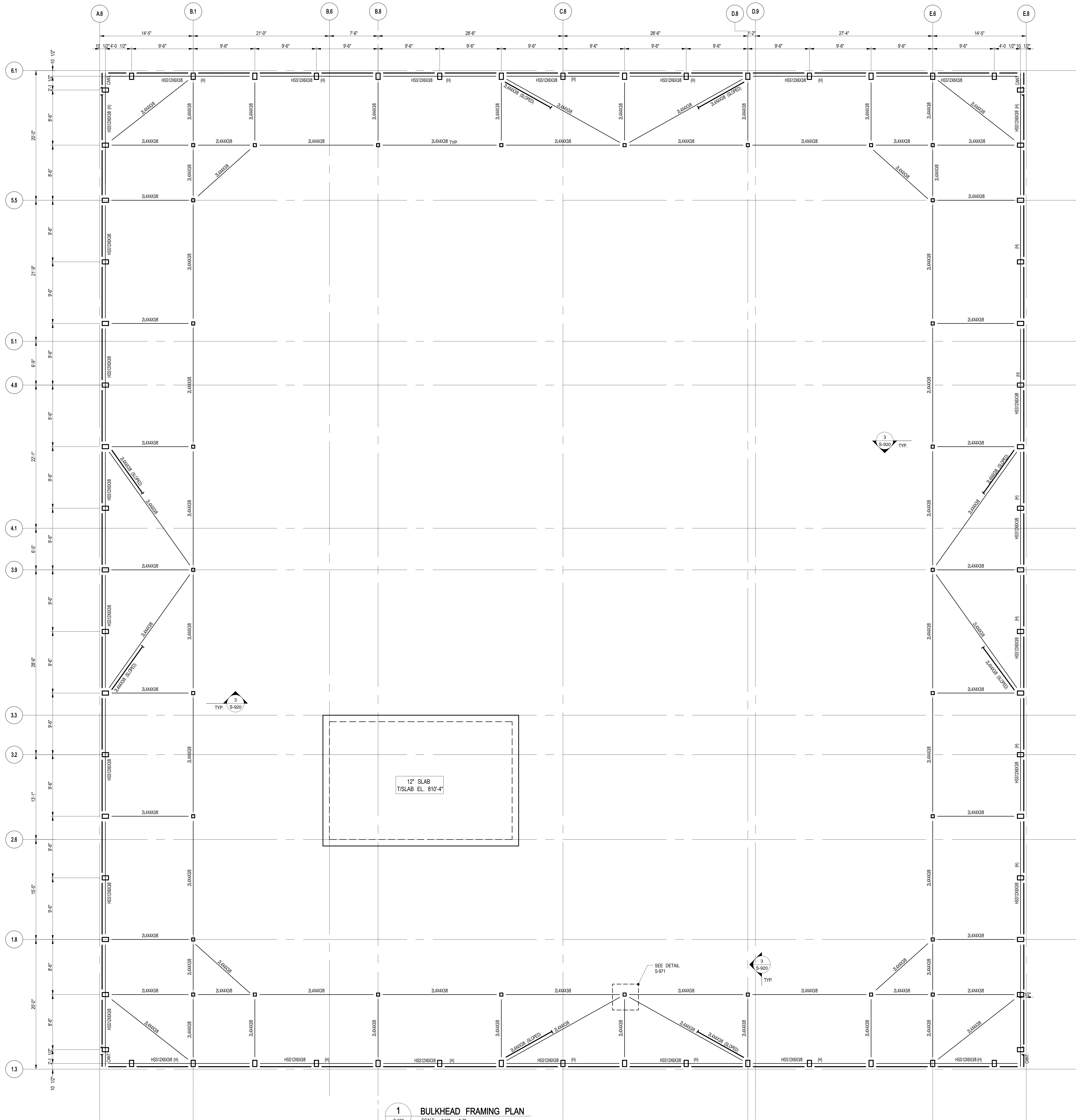
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ROOF G.A. PLAN

Sheet Number  
S-529.00





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No.	Description	Date
1	D.O.B. BUILDING PERMIT FILING	05/01/2015
	100% CONSTRUCTION DOCUMENTS	04/03/2015

Key Plan

Issue Date: 04/03/2015  
Project No: 1305480  
Drawn By: CADD  
Sheet Number: 1305480-S-530

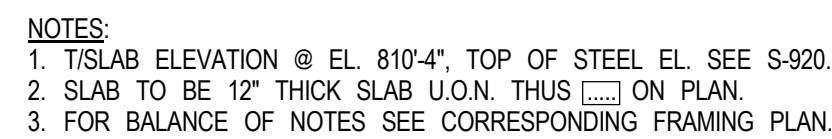


Drawing Title  
**BULKHEAD FRAMING PLAN**

Drawing Number  
**S-530.00**

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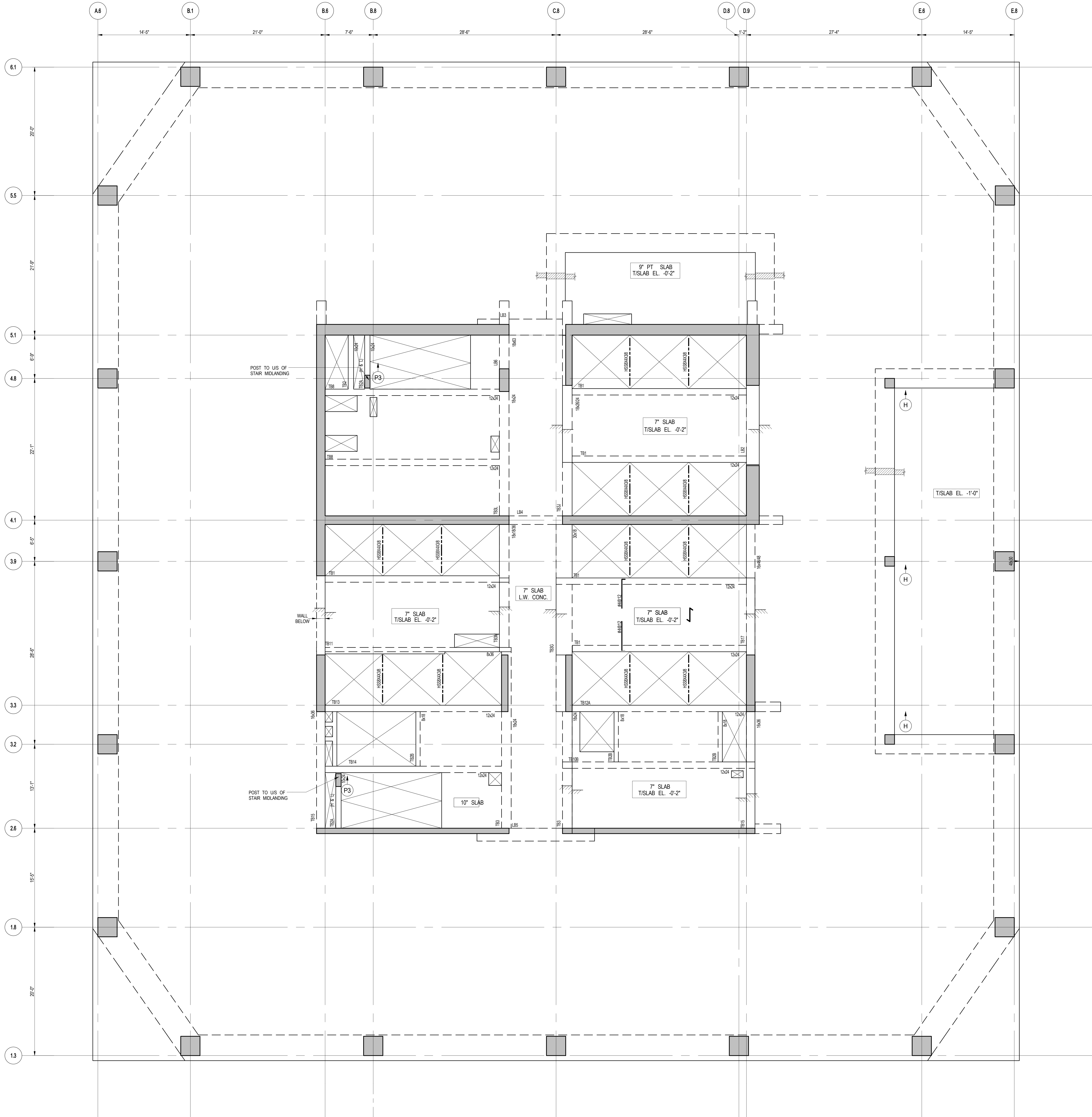
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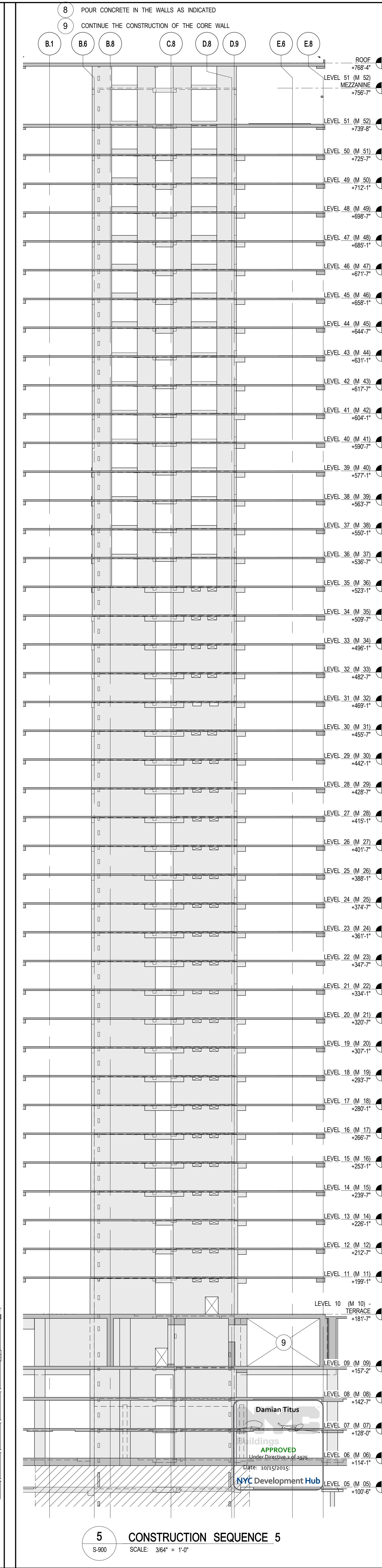
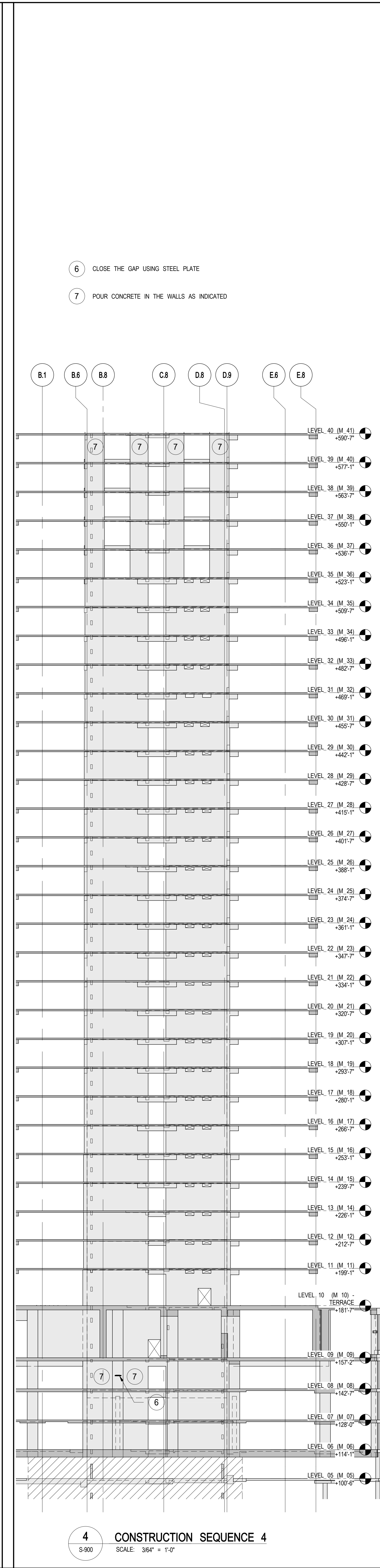
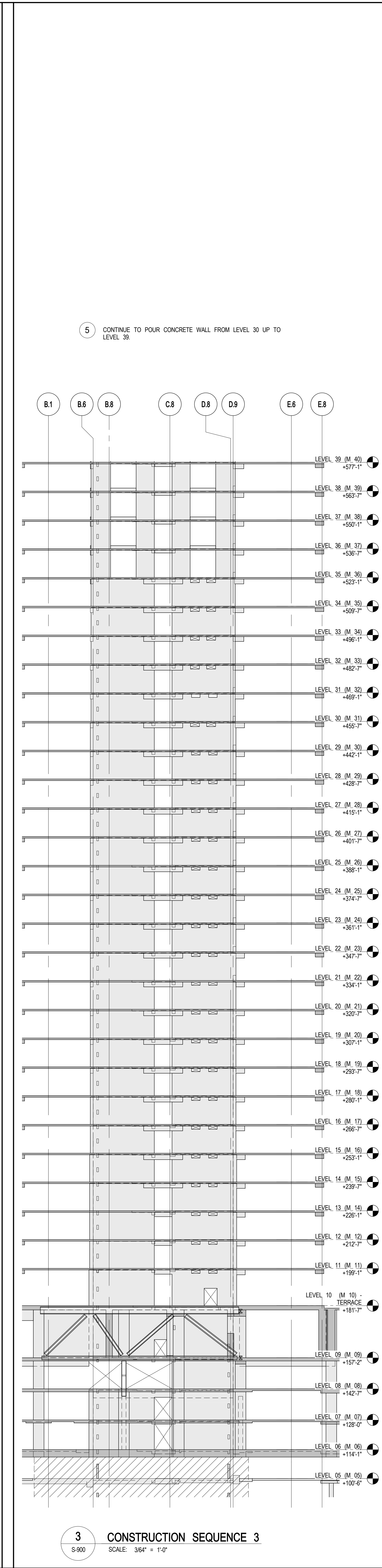
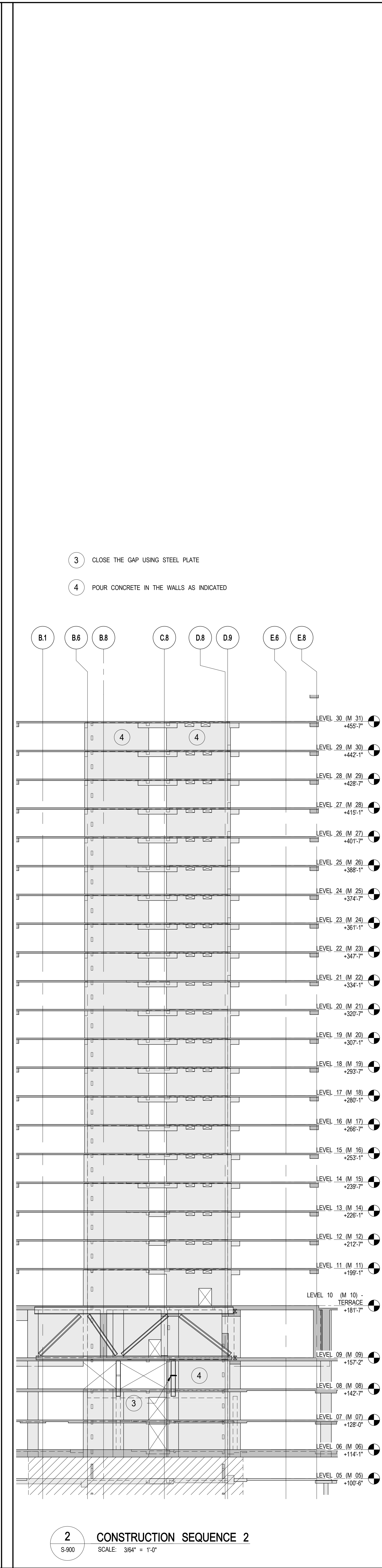
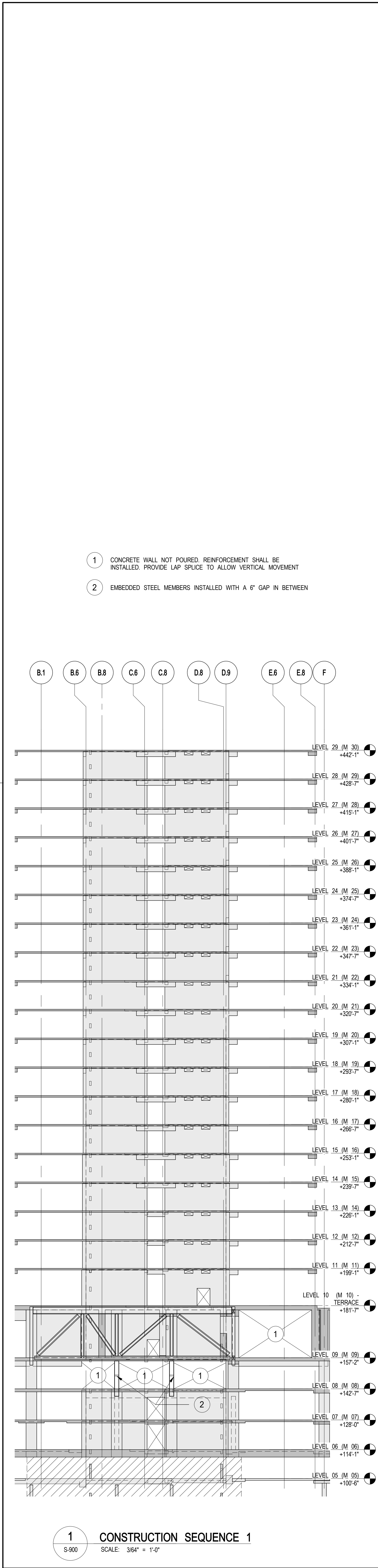








CONSTRUCTION SEQUENCE AT SOUTH SHEARWALL  
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No.	Description	Date
1	D.O.B. BUILDING PERMIT FILING	05/01/2015
	100% CONSTRUCTION DOCUMENTS	04/03/2015

Key Plan

Issue Date:	04/03/2015
Project No:	1305480
Drawn By:	CADD
Sheet Number:	1305480-S-900

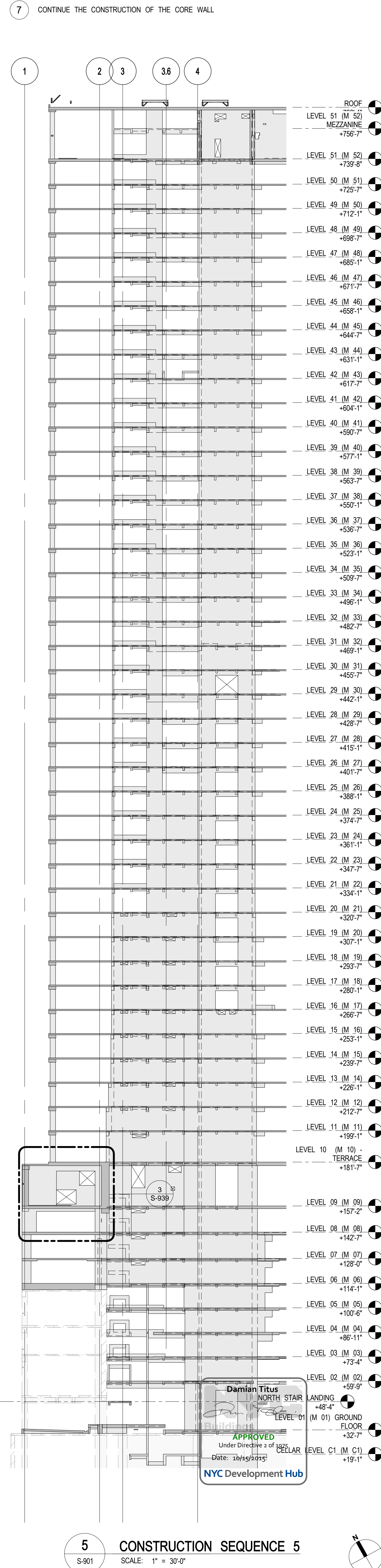
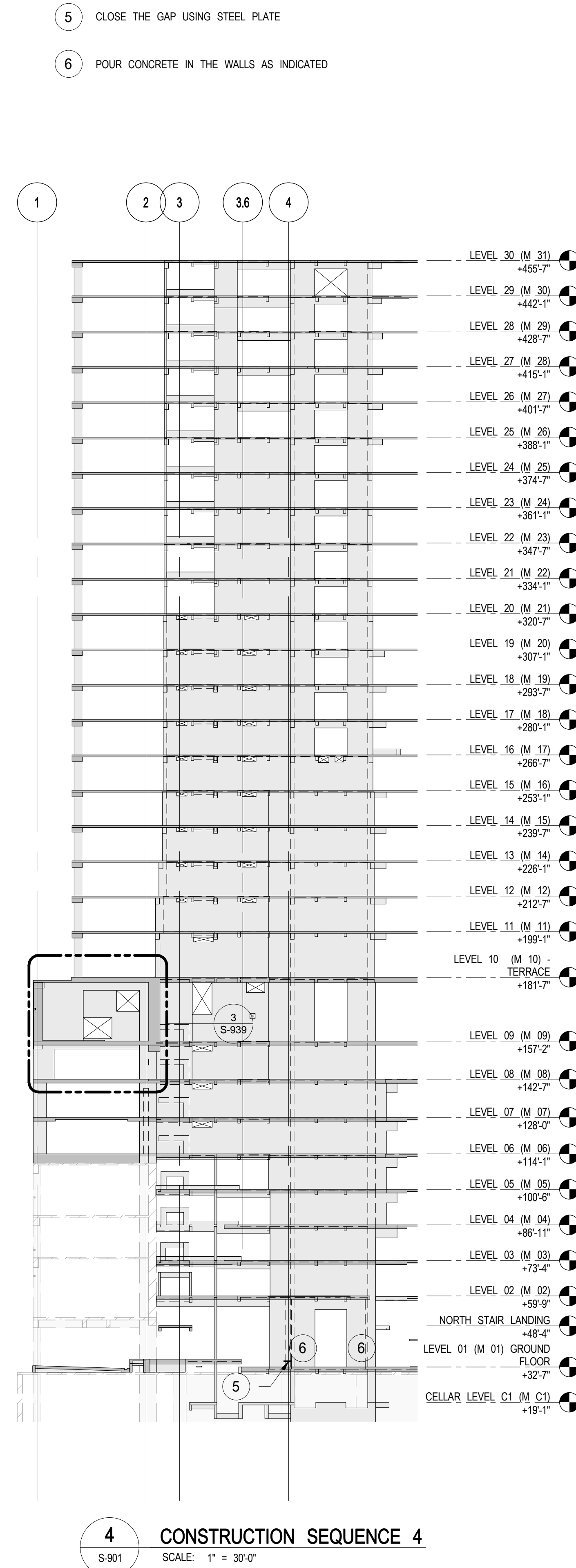
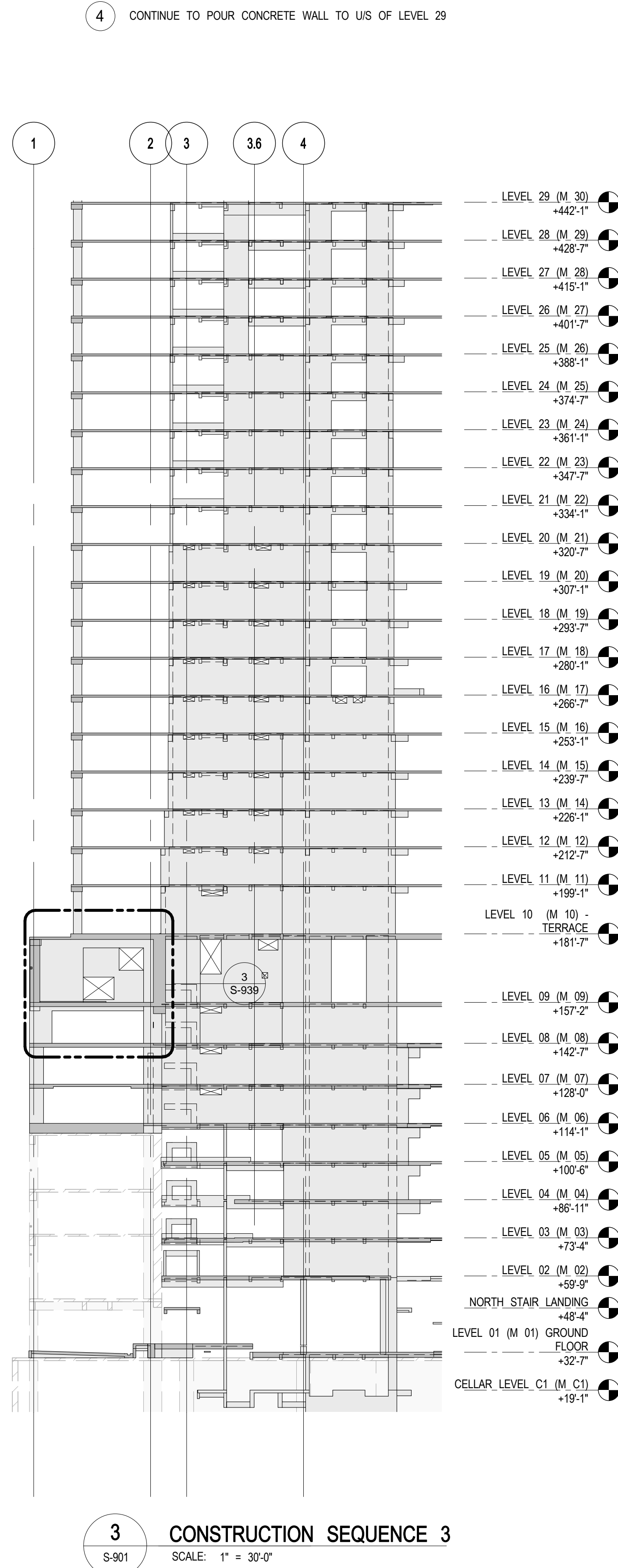
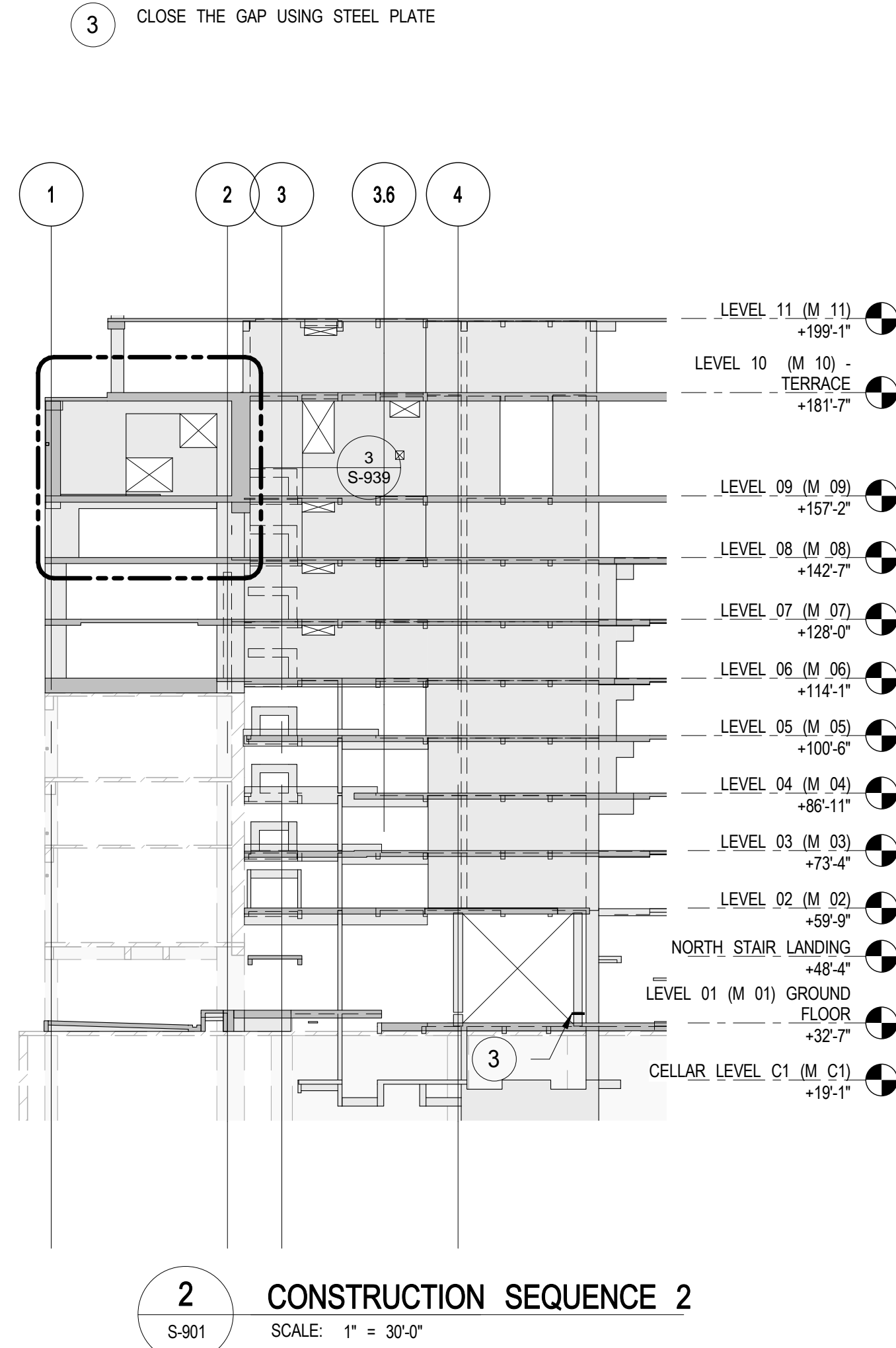
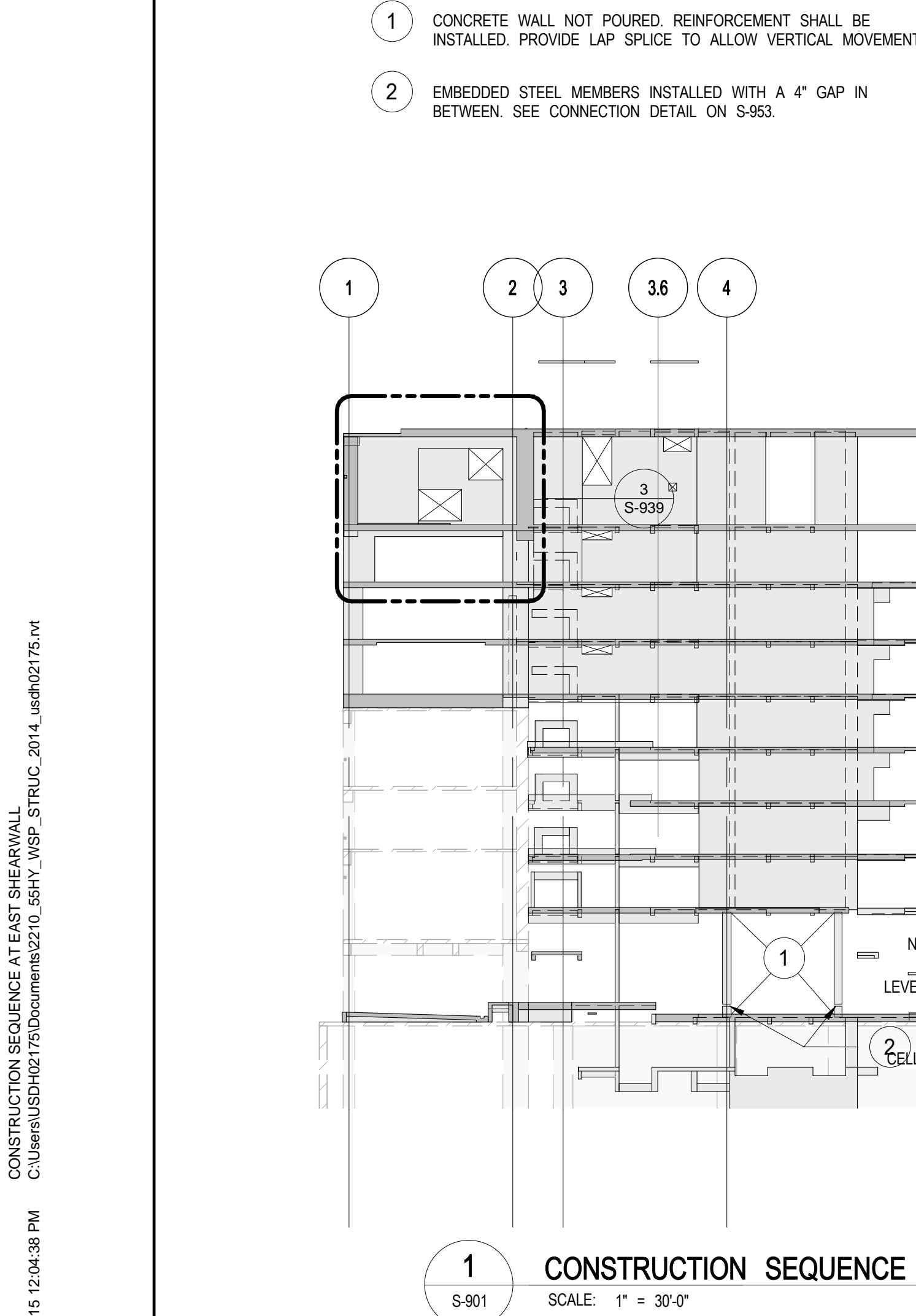
Approval Title

CONSTRUCTION SEQUENCE AT SOUTH SHEARWALL (TRUSS OPTION)

S-900.00



S-901  
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1	D.O.B. BUILDING PERMIT FILING	05/01/2015
	100% CONSTRUCTION DOCUMENTS	04/03/2015

Key Plan

Issue Date: 04/03/2015  
Project No: 1305480  
Drawn By: CADD  
Sheet Number: 1305480-S-901

Approval Title  
CONSTRUCTION SEQUENCE AT EAST SHEARWALL

Approval Number  
S-901.00



This architectural section drawing illustrates the structural layout of a building facade. The drawing is oriented horizontally, with vertical lines representing structural columns and horizontal lines representing structural beams and slabs. The columns are labeled at the top with circular callouts: F, E8, E6, 3/5-939, D8, D, C, B, A6, and A. The horizontal lines represent different levels of the building, with labels on the right side: LEVEL 09 (M 09) at +157'-2", LEVEL 08 (M 08) at +142'-7", LEVEL 07 (M 07) at +128'-7", LEVEL 06 (M 06) at +114'-1", LEVEL 05 (M 05) at +100'-6", and LEVEL 04 (M 04) at +85'-11". A specific structural element is highlighted with a circular callout labeled '1' and an arrow pointing to it. The drawing uses solid lines for structural elements and dashed lines for levels below the main structure.

2 CONSTRUCTION SEQUENCE 2  
S-902 SCALE: 1/16" = 1'-0"

Architectural section drawing of a building facade, showing levels from 05 to 20. The drawing includes structural elements like columns and beams, and is annotated with level numbers, heights, and grid lines. A central vertical section is shaded gray. A callout '3' points to a specific structural element on level 09.

Grid lines: F, E8, E6, E, D, C, B, A6, A

Levels and heights (from top to bottom):

- LEVEL 20 (M 21) +207'-7"
- LEVEL 19 (M 20) +207'-1"
- LEVEL 18 (M 19) +203'-7"
- LEVEL 17 (M 18) +200'-1"
- LEVEL 16 (M 17) +206'-7"
- LEVEL 15 (M 16) +203'-1"
- LEVEL 14 (M 15) +209'-7"
- LEVEL 13 (M 14) +220'-1"
- LEVEL 12 (M 12) +212'-7"
- LEVEL 11 (M 11) +199'-1"
- LEVEL 10 (M 10) - TERRACE +181'-7"
- LEVEL 09 (M 09) +157'-2"
- LEVEL 08 (M 08) +142'-7"
- LEVEL 07 (M 07) +128'-2"
- LEVEL 06 (M 06) +114'-1"
- LEVEL 05 (M 05) +100'-6"

Callout 3 points to a structural element on Level 09.

4 CONTINUE THE CONSTRUCTION

Architectural section drawing of a building facade. The drawing shows a grid of columns labeled F, E8, E6, E, D8, D, C, B, A6, and A. Levels are indicated on the right with elevations in feet and meters. A central section is shaded gray. A circular callout '3' with arrows points to a specific level. A 'BUILDING' stamp is visible in the bottom right corner.

Level	Elevation (ft)	Elevation (m)
LEVEL 21	+334'-1"	(M 22)
LEVEL 20	+329'-7"	(M 21)
LEVEL 19	+327'-1"	(M 20)
LEVEL 18	+293'-7"	(M 19)
LEVEL 17	+280'-1"	(M 18)
LEVEL 16	+266'-7"	(M 17)
LEVEL 15	+263'-1"	(M 16)
LEVEL 14	+239'-7"	(M 15)
LEVEL 13	+226'-1"	(M 14)
LEVEL 12	+212'-7"	(M 12)
LEVEL 11	+199'-1"	(M 11)
LEVEL 10	+181'-7"	(M 10) - TERRACE
LEVEL 09	+157'-2"	(M 09)
LEVEL 08	+142'-7"	(M 08)
LEVEL 07	+135'-0"	(M 07)
LEVEL 06	+134'-0"	(M 06)
LEVEL 05	+100'-6"	(M 05)

4 CONSTRUCTION SEQUENCE 4  
S-902 SCALE: 1/16" = 1'-0"

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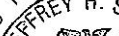
*Mechanical, Electrical, Plumbing, Fire Protection*  
WSP  
512 Seventh Avenue  
New York, NY 10018  
TEL: 212.532.9600

1	D.O.B. BUILDING PERMIT FILING	05/01/2015
	100% CONSTRUCTION DOCUMENTS	04/03/2015
No.	Description	Date

Key Point

[illegible]

Issue Date: **04/03/2015**  
Project No. **1305480**  
Drawn By **CADD**  
Sheet Number **1305480-S-902**



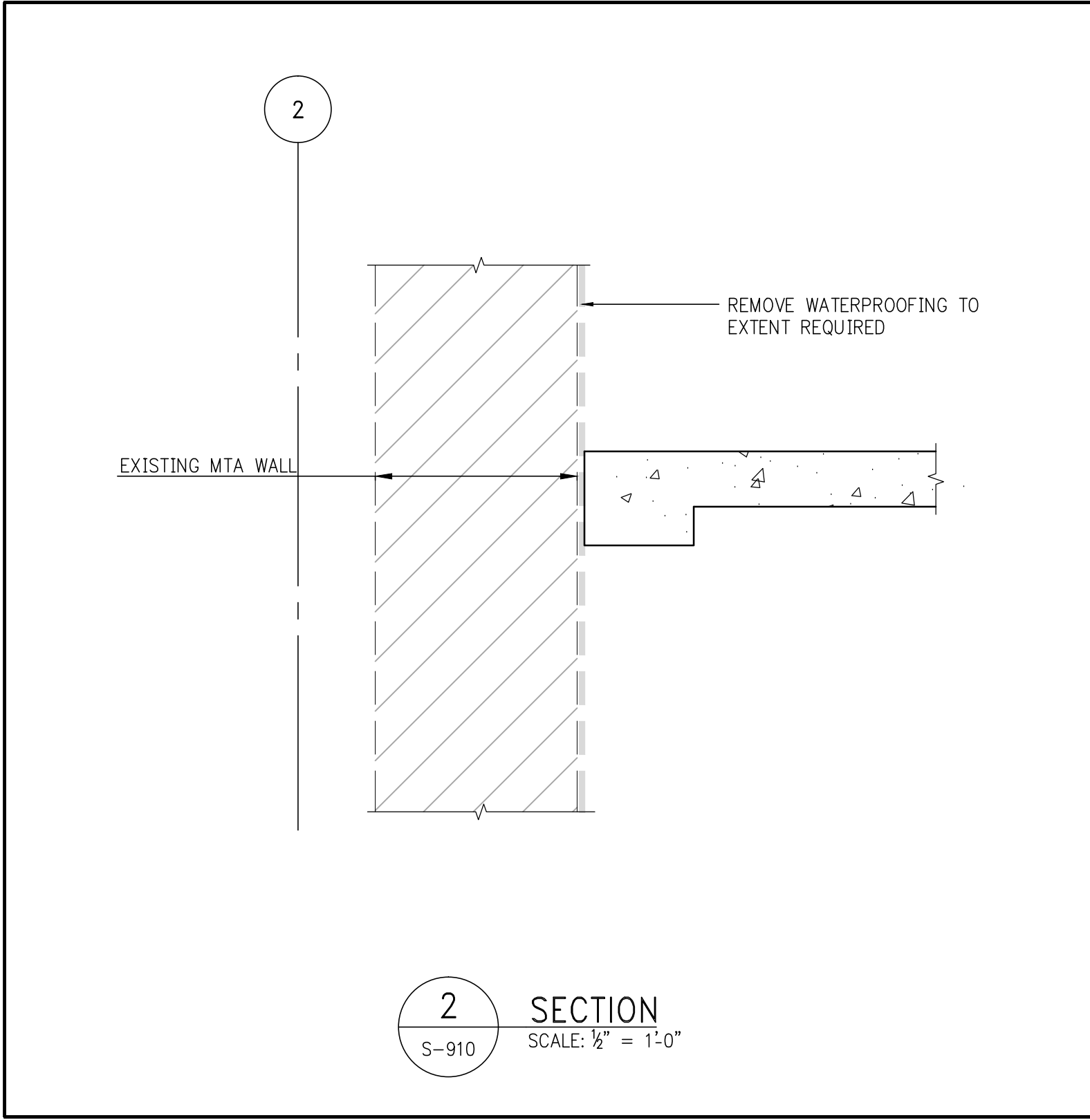
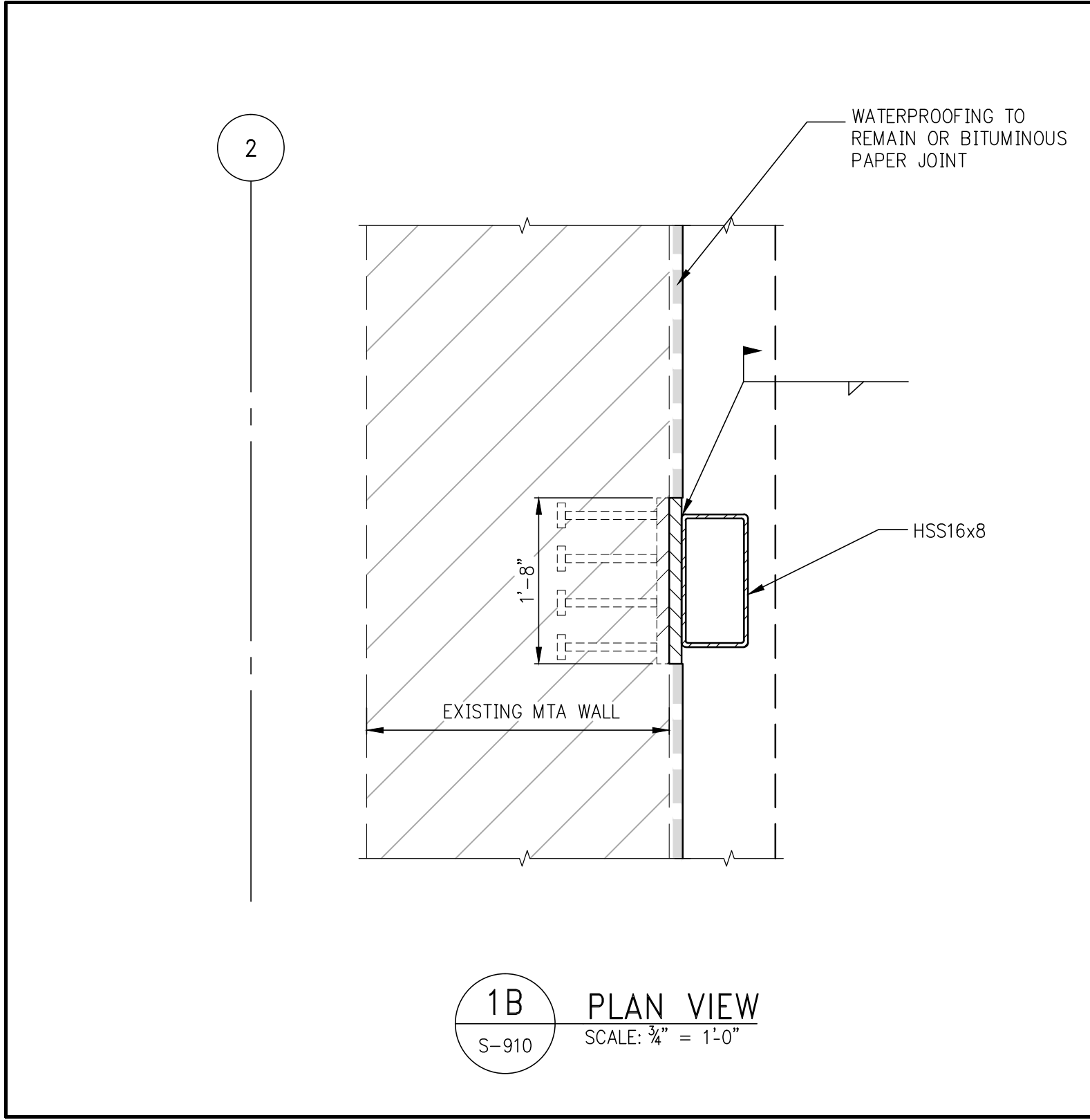
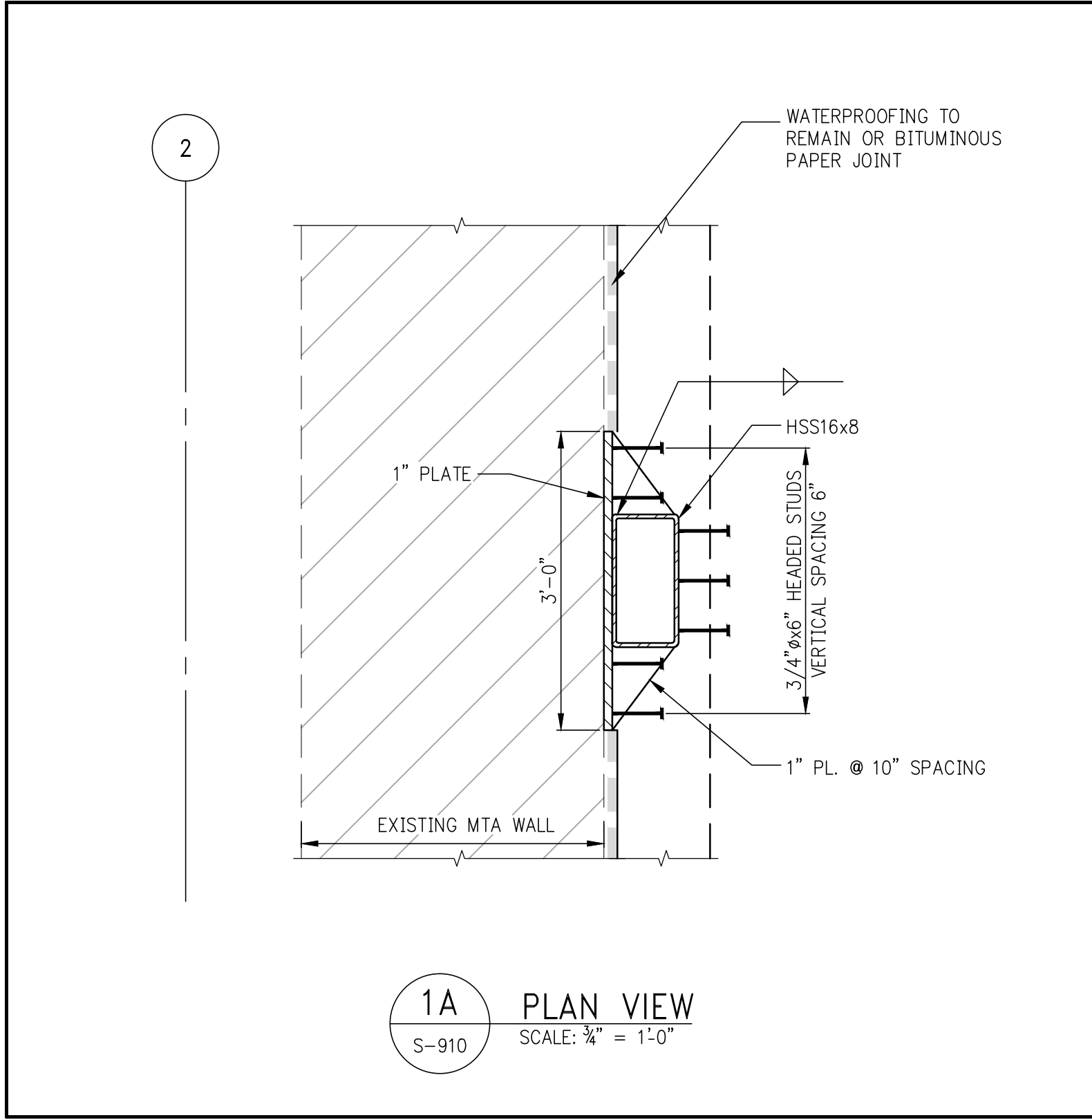
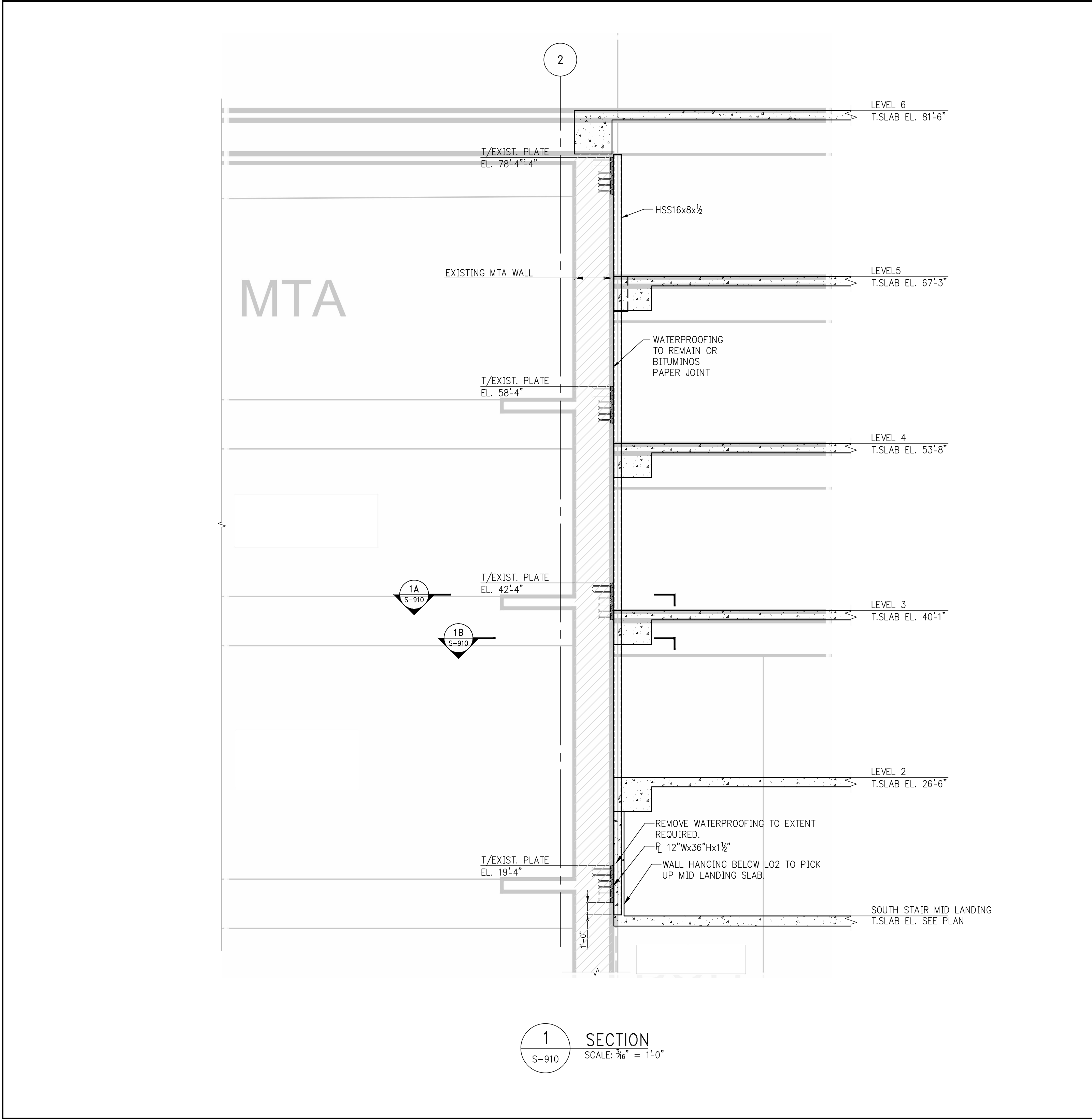
## CONSTRUCTION SEQUENCE AT SOUTH TRANSFER WALL

*Drafting Number*  
**S-902.00**

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CONSTRUCTION SEQUENCE AT SOUTH TRANSFER WALL





## 55 HUDSON YARDS

Address  
550 W 34th St. New York, NY  
10001



Client  
Related Companies  
60 Columbus Circle  
New York, NY 10023  
New York, NY 10023  
Tel: 212.801.1000 Fax: 212.801.1048  
Oxford Properties Group  
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Architects & Planning Consultants  
11 West 42nd Street  
New York, New York 10036  
TEL: 212.977.6500 FAX: 212.956.2526

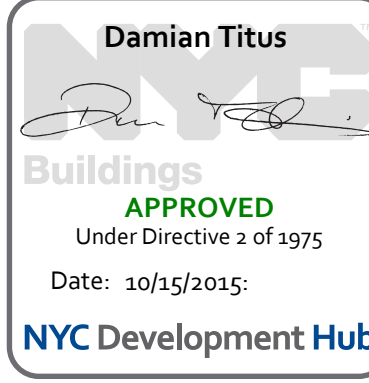
Structural Engineer  
WSP  
228 East 45th Street, 3rd Floor  
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Tel: 212.687.9888 Fax: 646.487.5501

Mechanical, Electrical, Plumbing, Fire Protection  
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512 Seventh Avenue  
New York, NY 10018  
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2	D.O.B. BUILDING PERMIT	05/01/2015
1	FILING	
1	100% CONSTRUCTION	04/03/2015
1	DOCUMENTS	

No.	Description	Date
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Key Plan



Drawn Date: 04/03/2015  
Project No: 1305480  
Drawn By: CADD  
Sheet Number:

Drawing Title

MTA SECTIONS

Project Number  
**S-910.00**



55 HUDSON YARDS

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550 W 34TH ST., New York, NY  
10001



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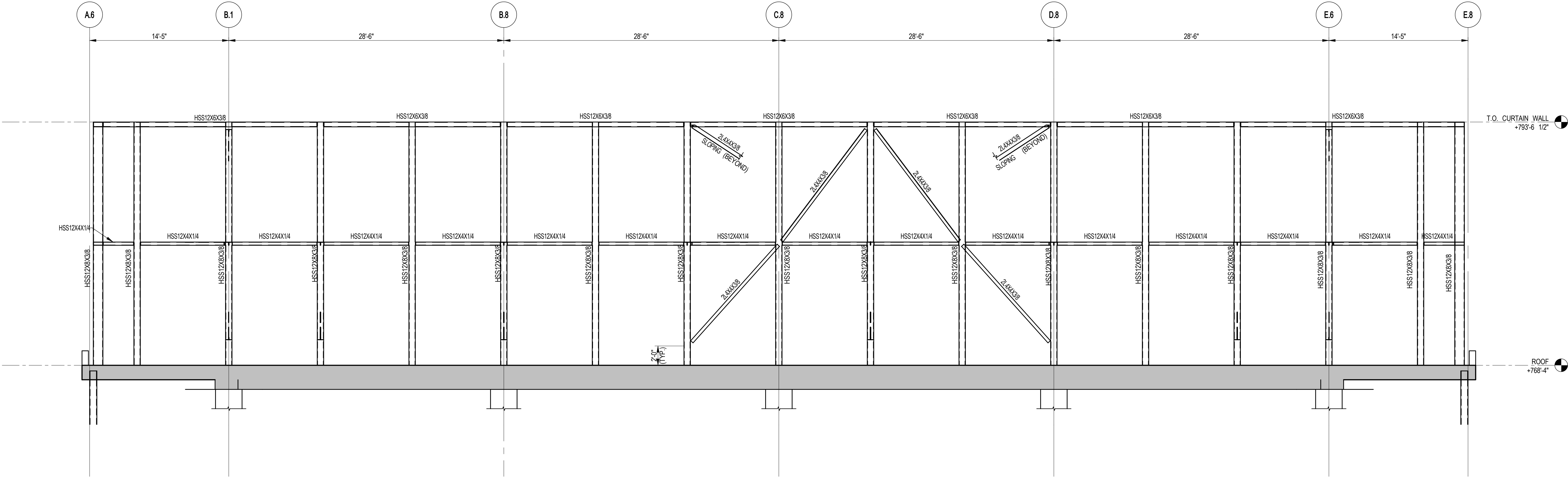
Oxford Properties Group  
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Mitsui Fudosan America, Inc.  
1251 Avenue of the Americas, Suite 800  
New York, NY 10020  
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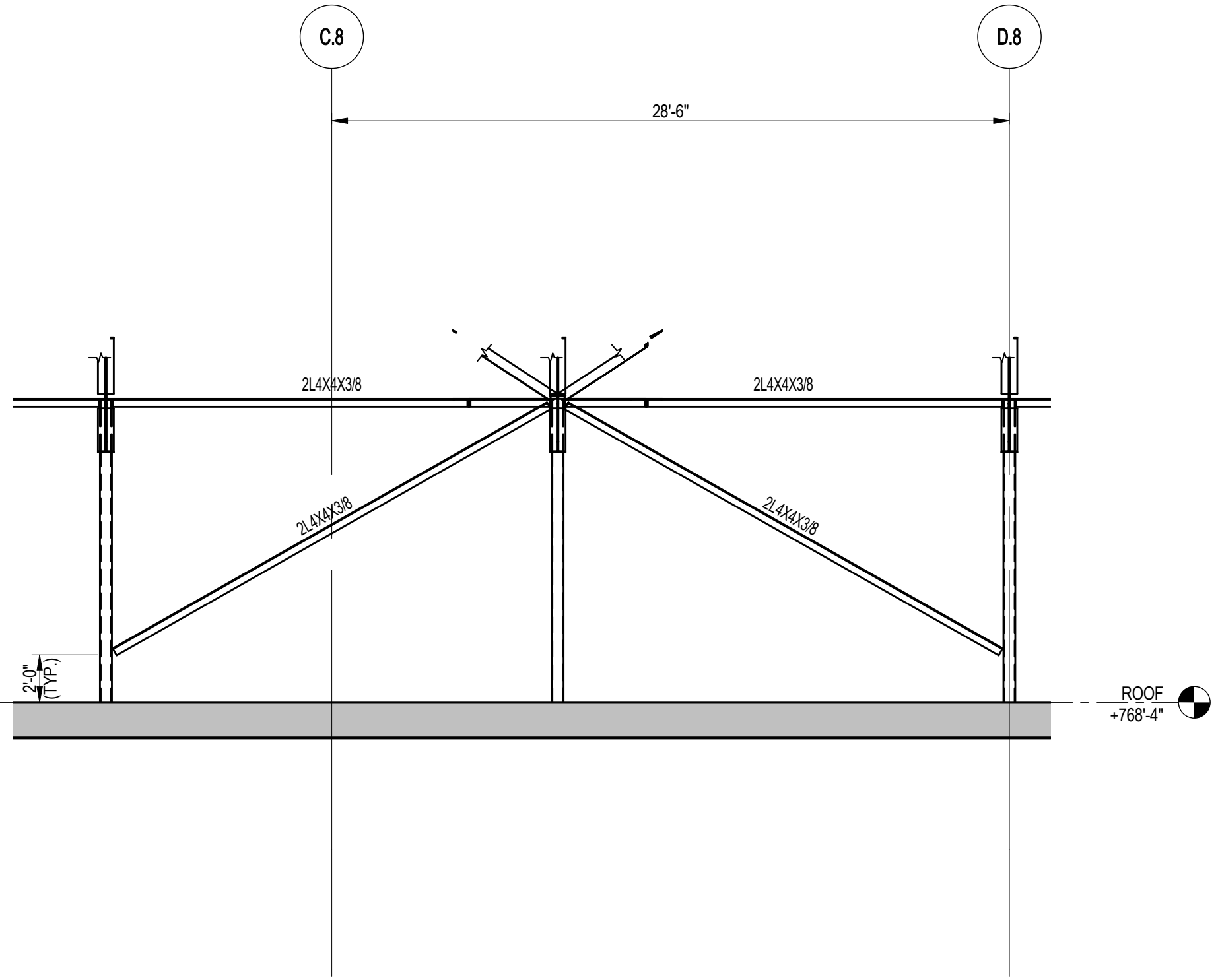
Architect  
Kohn Pedersen Fox Associates PC  
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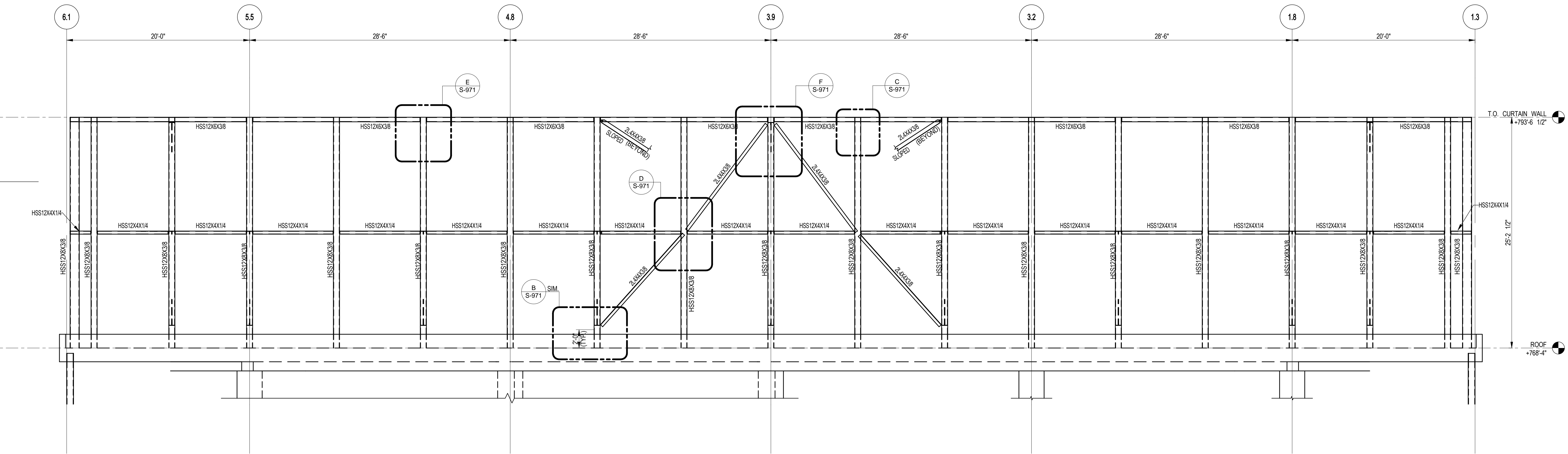
Mechanical, Electrical, Plumbing, Fire Protection  
WSP  
512 Seventh Avenue  
New York, NY 10018  
Tel: 212.533.9600



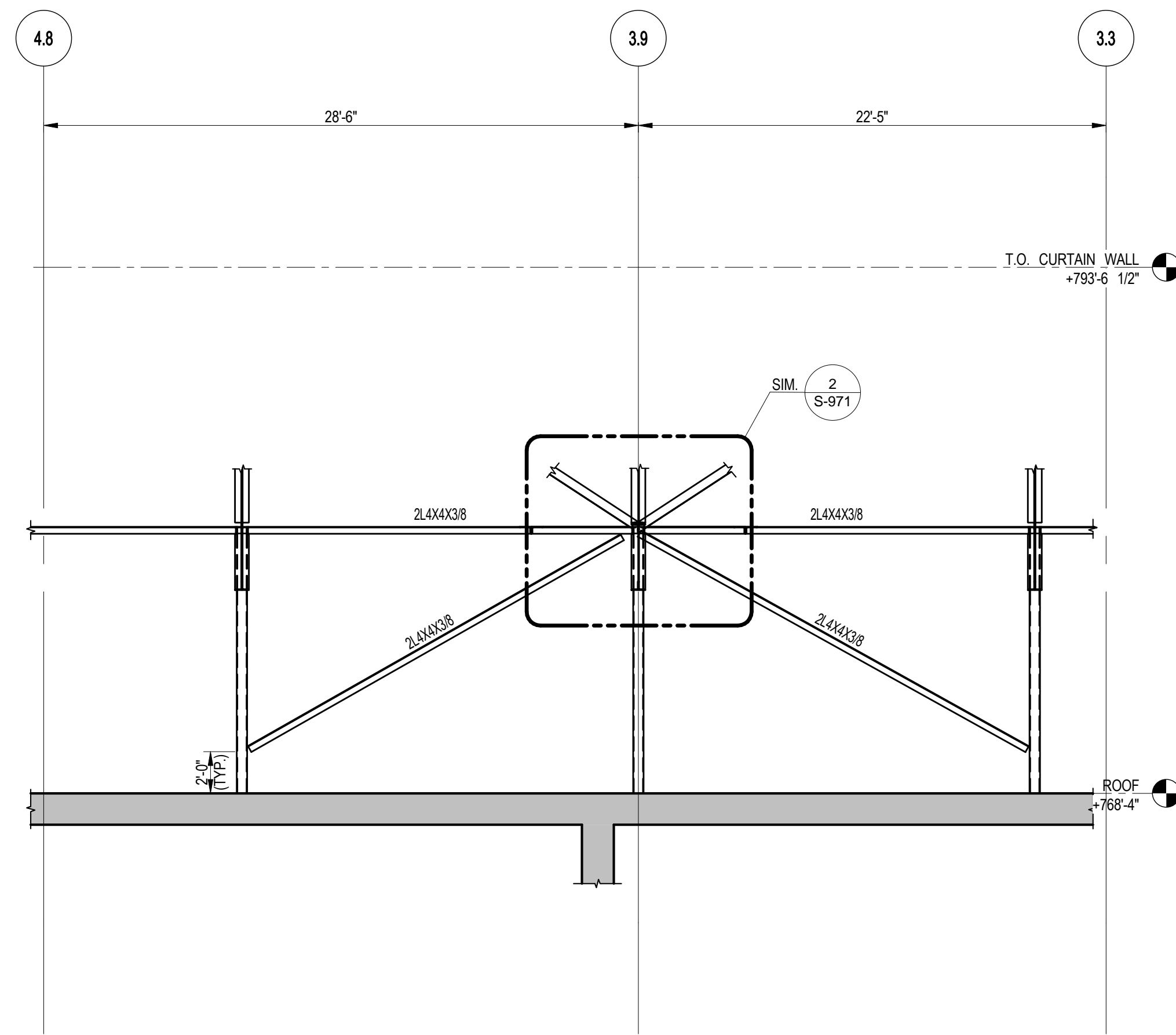
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S-920 SCALE: 3/16" = 1'-0"



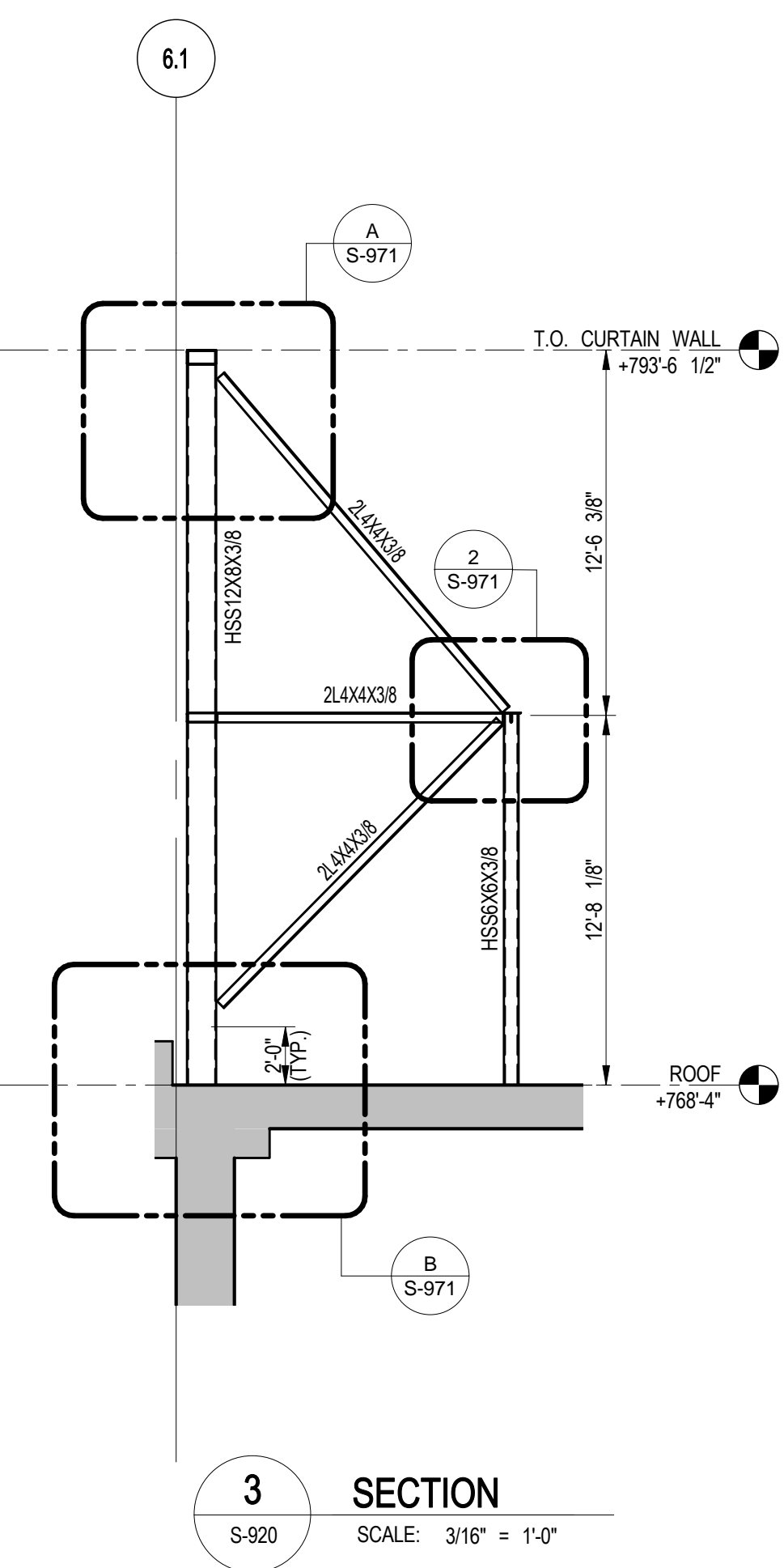
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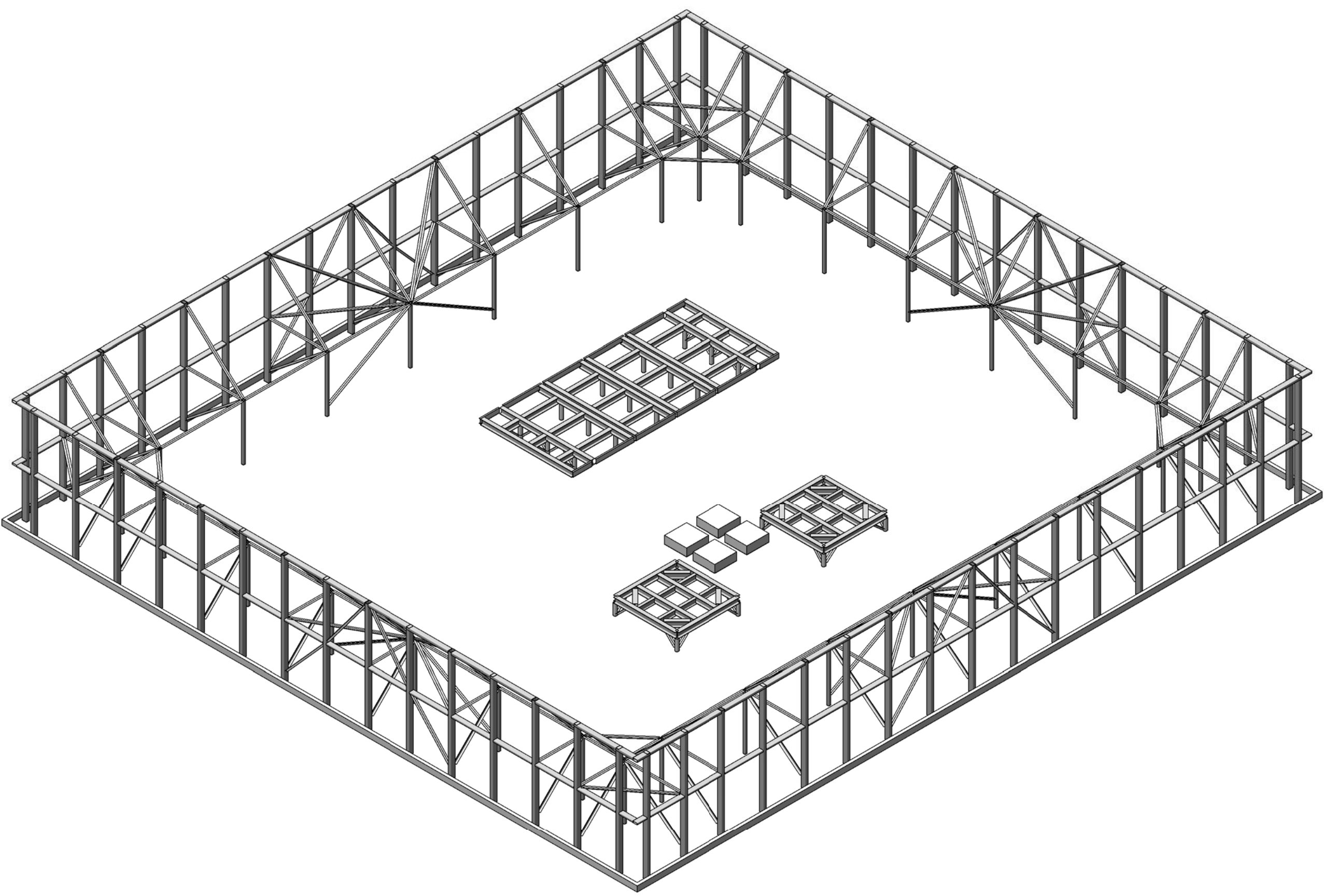
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S-920 SCALE: 3/16" = 1'-0"



4 INTERIOR PARTIAL ELEVATION AT EAST AND WEST  
S-920 SCALE: 3/16" = 1'-0"



3 SECTION  
S-920 SCALE: 3/16" = 1'-0"



3D VIEW

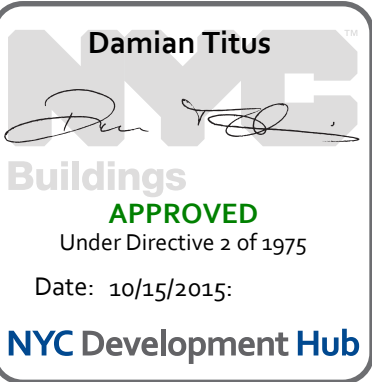
No.	Description	Date
1	D.O.B. BUILDING PERMIT FILING	05/01/2015
	100% CONSTRUCTION DOCUMENTS	04/03/2015

Key Plan

Issue Date: 04/03/2015  
Project No: 1305480  
Drawn By: CADD  
Sheet Number: 1305480-S-920

Drawing Title  
ROOF STEEL ELEVATIONS

Drawing Number  
S-920.00











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New York, NY 10018  
Tel: 212.552.9600

No.	Description	Date
3	D.O.B. BUILDING PERMIT	05/01/2015
2	PILING	
2	BULLETIN #9	04/17/2015
2	100% CONSTRUCTION DOCUMENTS	04/03/2015
1	BULLETIN #8	03/18/2015
1	FOUNDATION	
1	DL-1 FOUNDATIONS	10/21/2014

Key Plan

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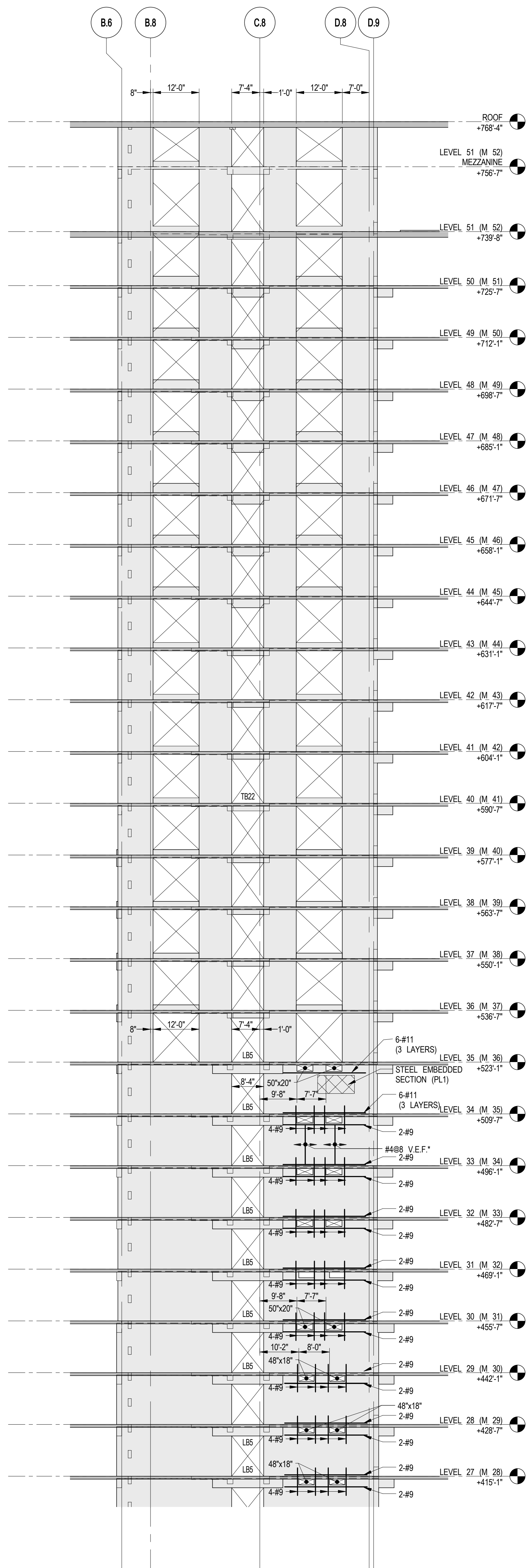


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S-931



1 ELEVATION  
S-931 SCALE: 1/16" = 1'-0"

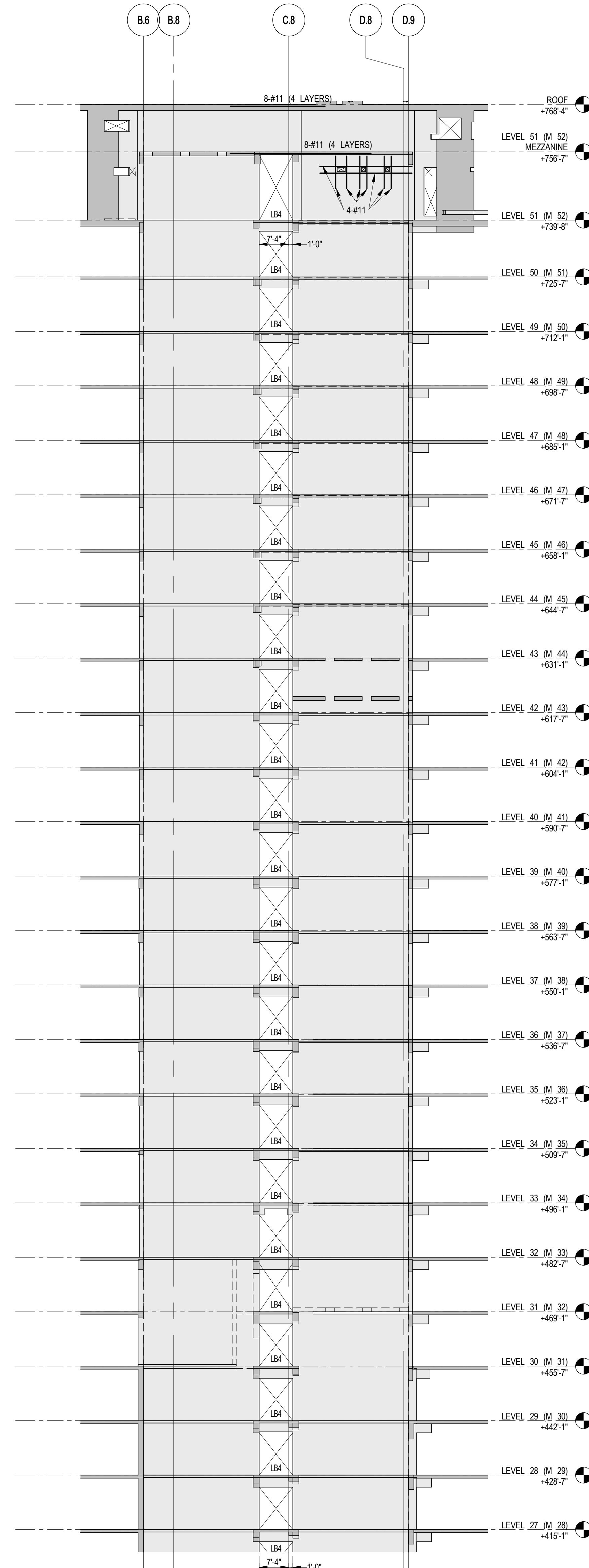
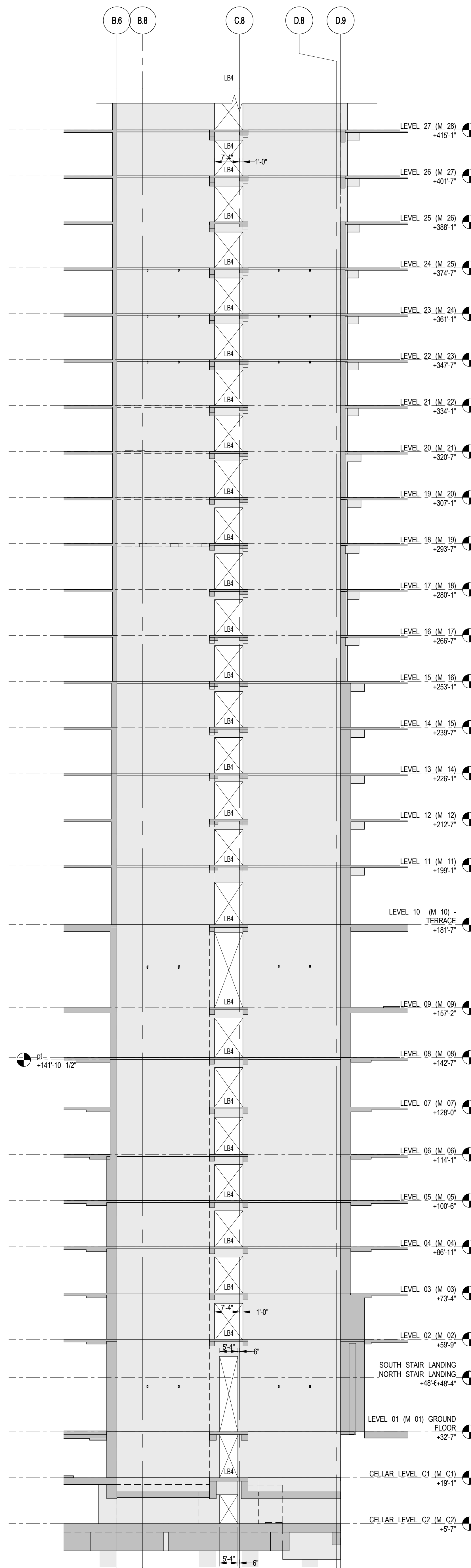
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1. FOR BALANCE OF NOTES SEE DWG. S-930.



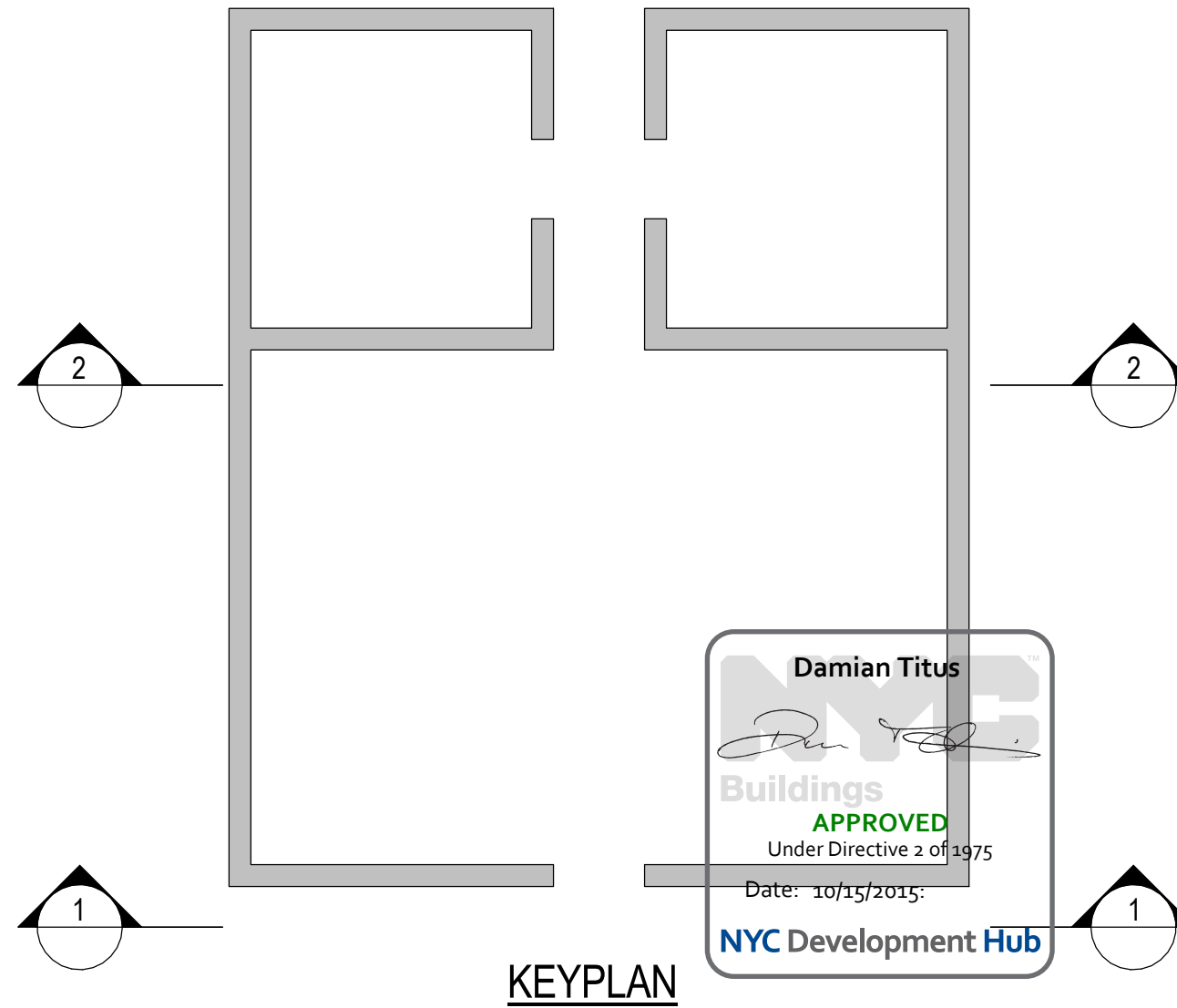
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S-931 SCALE: 1/16" = 1'-0"

2 ELEVATION  
S-931 SCALE: 1/16" = 1'-0"

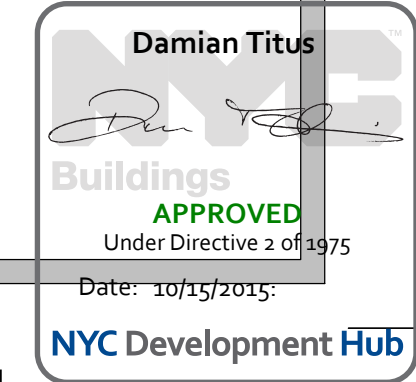
NOTES:  
1. FOR BALANCE OF NOTES SEE DWG. S-930.



2A ELEVATION (CONT'D.)  
S-931 SCALE: 1/16" = 1'-0"



KEYPLAN



## 55 HUDSON YARDS

Address  
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10001



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512 Seventh Avenue  
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No.	Description	Date
1	FOUNDATION	10/21/2014
2	BULLETIN #8	03/18/2015
3	100% CONSTRUCTION DOCUMENTS	04/03/2015
4	D.O.B. BUILDING PERMIT FILING	05/01/2015

Date: 10/21/2014  
Project No: 1305480  
Drawn By: CADD  
Sheet Number: 1305480-S-931

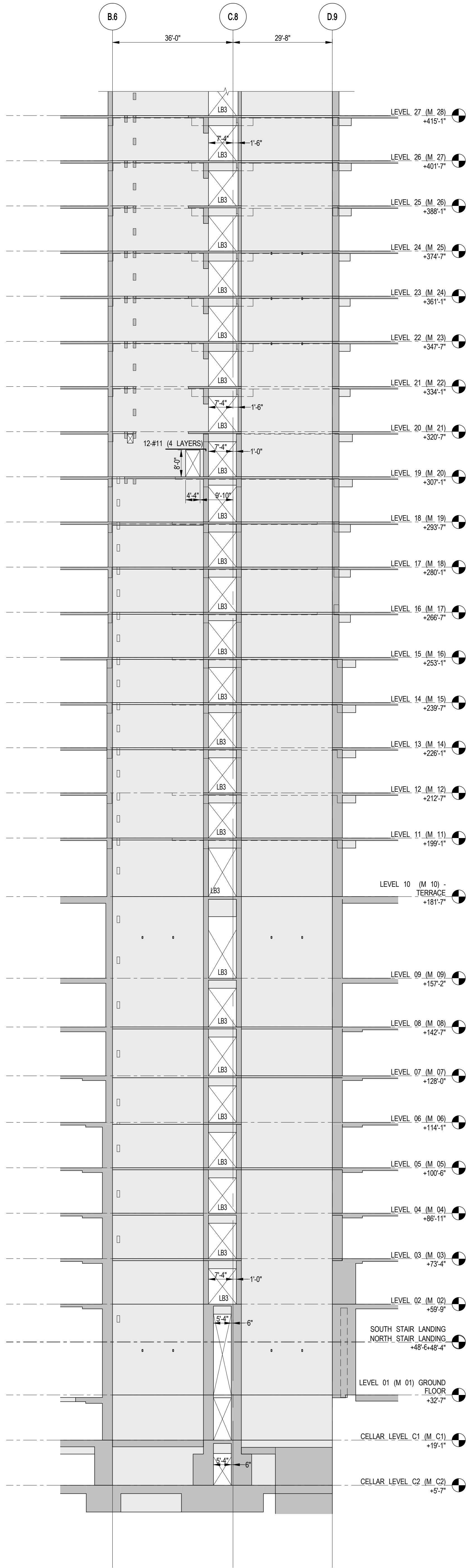
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SHEARWALL  
ELEVATIONS 2

Division Number  
S-931.01

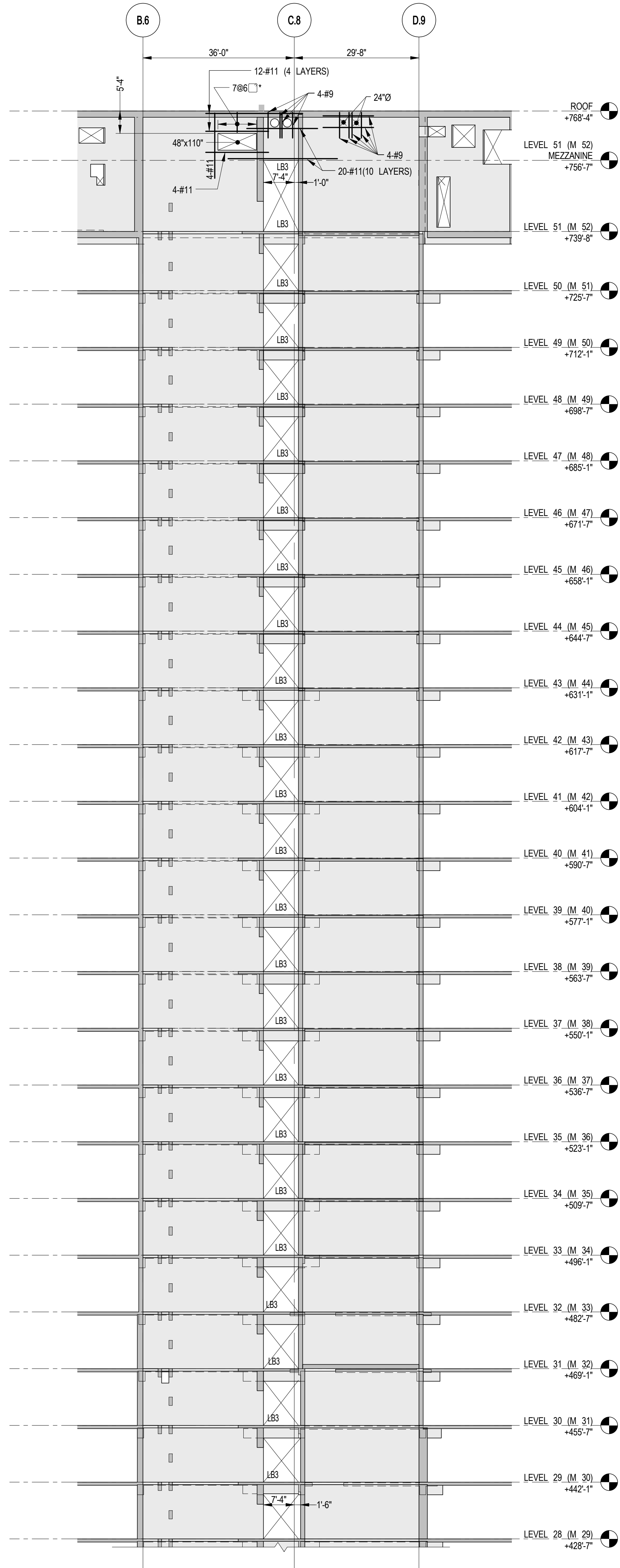
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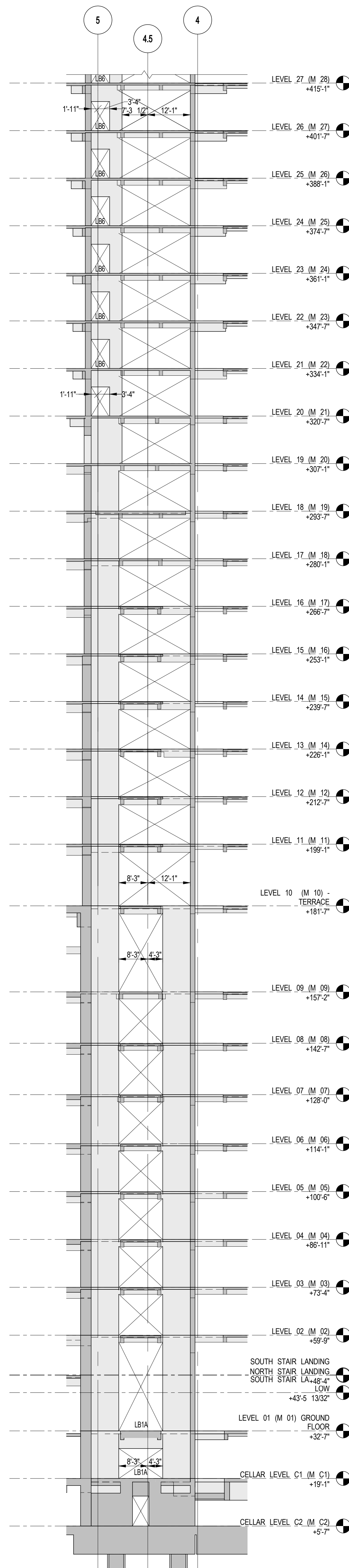
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S-932



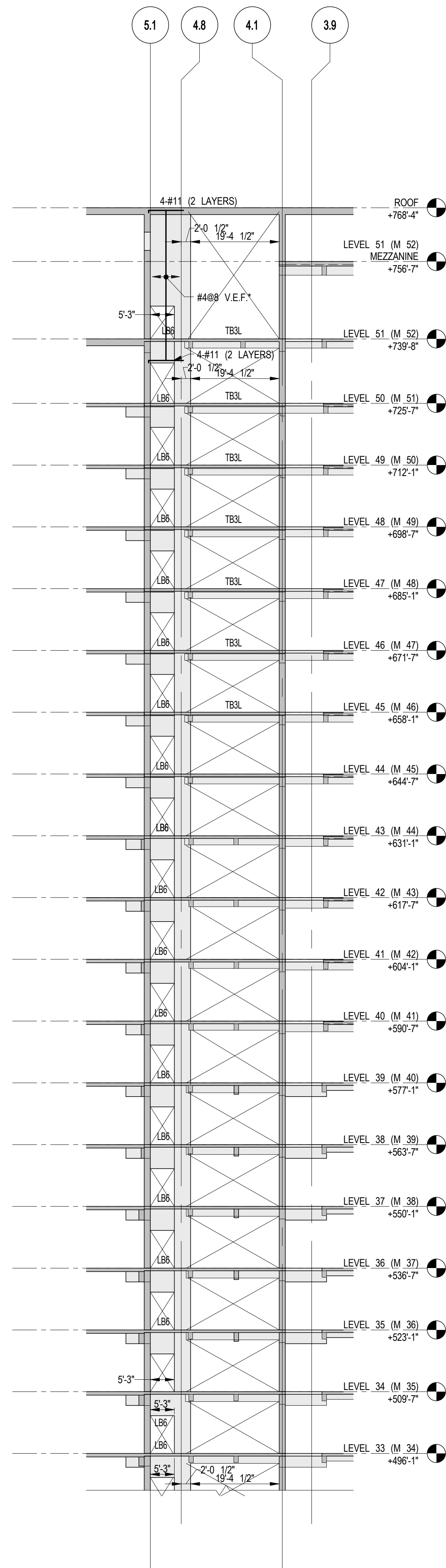
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NOTES:  
1. FOR BALANCE OF NOTES SEE DWG. S-930.



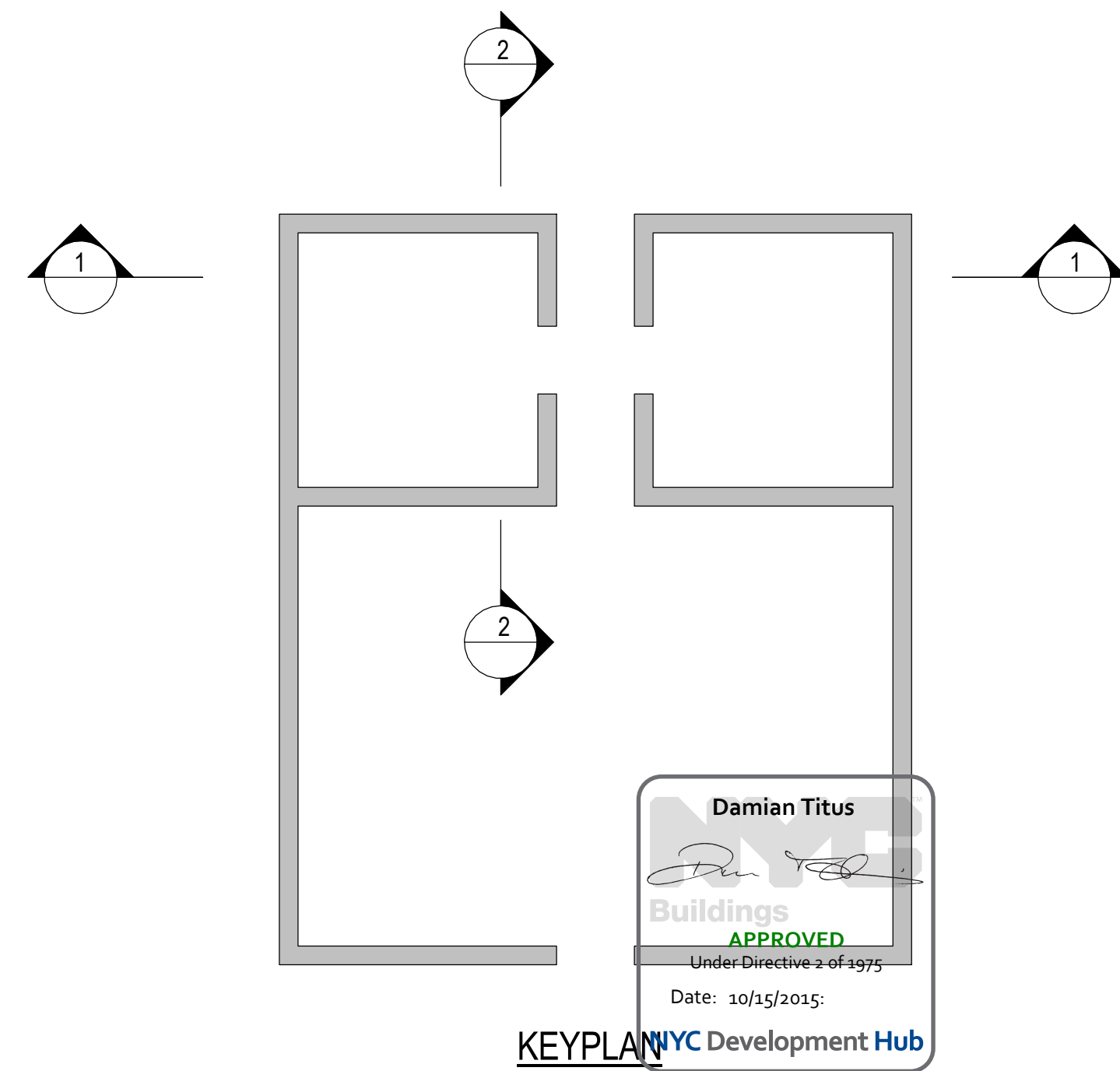
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SCALE: 1/16" = 1'-0"



**2 ELEVATION**  
SCALE: 1/16" = 1'-0"  
NOTES:  
1. FOR BALANCE OF NOTES SEE DWG. S-930.



**2A ELEVATION (CONT'D.)**  
SCALE: 1/16" = 1'-0"



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No.	Description	Date
1	FOUNDATION	10/21/2014
2	BULLETIN #8	03/18/2015
3	100% CONSTRUCTION DOCUMENTS	04/03/2015
4	D.O.B. BUILDING PERMIT	05/01/2015
5	FILING	04/03/2015

Key Plan

Issue Date: 10/21/2014  
Project No: 1305480  
Division By: CADD  
Sheet Number: 1305480-S-932

Division Field  
**SHEARWALL  
ELEVATIONS 3**

Division Number

**S-932.01**

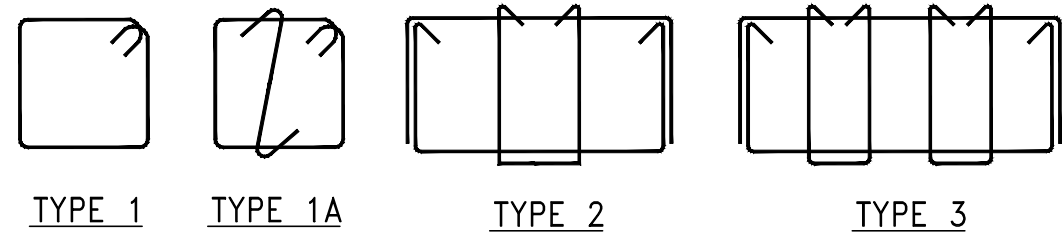
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LINK BEAM SCHEDULE									
MARK	FLOOR	BEAM SIZE W x D (IN.)	TOP REINF. (CONT.)	BOTTOM REINF. (CONT.)	STIRRUP			SKIN REINF.	REMARKS
					SIZE	TYPE	SPACING		
LB1	16	16x36	4-#11	4-#11	#5	1	10"		2 LAYERS
	11 - 15	20x36	4-#11	4-#11	#4	1	6"		2 LAYERS
	8 - 9	24x49	9-#11	9-#11	#4	1	8"	6-#6 E.F.	3 LAYERS
	7	24x41	6-#11	6-#11	#4	1	12"	6-#4 E.F.	2 LAYERS
	3 - 6	36x37	15-#11	15-#11	#4	2	5"	5-#4 E.F.	3 LAYERS
	2	36x48	24-#11	24-#11	#5	2	5"	7-#4 E.F.	4 LAYERS
LB1A	1	36x60	15-#11	15-#11	#4	1	8"	7-#4 E.F.	3 LAYERS
	C1	72x60	14-#11	14-#11	#4	2	8"	8-#4 E.F.	2 LAYERS
LB1B	1	36x60	12-#11	12-#11	#4	1	8"	8-#4 E.F.	2 LAYERS
	C1	72x60	16-#11	16-#11	#4	2	8"	8-#4 E.F.	2 LAYERS
LB1C	5	36x37	20-#11	20-#11	#6	2	6"	5-#4 E.F.	4 LAYERS
	3 - 4	36x37	30-#11	30-#11	#6	3	6"	5-#4 E.F.	5 LAYERS
	2	36x48	12-#11	12-#11	#6	1	10"		2 LAYERS, EMBEDDED STEEL SECTION BU1
LB1D	30	16x36	4-#11	4-#11	#4	1	10"		2 LAYERS
LB2	27 - 29	24x36	8-#11	8-#11	#4	1	4"		2 LAYERS
	25 - 26	24x36	12-#11	12-#11	#5	1	6"		3 LAYERS
	22 - 24	24x36	8-#11	6-#11	#4	1	10"		2 LAYERS
	17 - 21	24x36	4-#11	4-#11	#4	1	12"		
LB3	50 - 51	16x36	6-#11	6-#11	#5	1	6"		3 LAYERS
	46 - 49	16x36	4-#11	4-#11	#4	1	10"		2 LAYERS
	44 - 45	16x36	4-#11	4-#11	#4	1	5"		2 LAYERS
	43	24x36	6-#11	6-#11	#5	1	6"		3 LAYERS
	41 - 42	24x36	6-#11	6-#11	#6	1	6"		3 LAYERS
	38 - 40	24x36	8-#11	8-#11	#6	1	4"		4 LAYERS
	31 - 37	30x36	10-#11	10-#11	#6	2	6"	5-#5 E.F.	2 LAYERS
	21 - 30	30x36	12-#11	12-#11	#6	1A	5"		4 LAYERS
	20	24x36	12-#11	12-#11	#5	2	5"		3 LAYERS
	19	24x30	12-#11	12-#11	#5	2	5"		3 LAYERS
	17-18	24x36	12-#11	12-#11	#5	2	5"		3 LAYERS
	16	24x30	12-#11	12-#11	#5	2	5"		3 LAYERS
	11 - 15	30x36	10-#11	10-#11	#5	2	6"		2 LAYERS
	10	48x72	24-#11	24-#11	#6	3	5"	15-#6 E.F.	3 LAYERS
	7 - 9	36x36	10-#11	10-#11	#5	2	6"		2 LAYERS
	2 - 6	36x36	12-#11	12-#11	#5	2	5"		2 LAYERS
LB4	45 - 51	12x33	6-#11	6-#11	#5	1	5"		3 LAYERS
	41 - 44	12x33	2-#11	2-#11	#4	1	12"		EMBEDDED STEEL SECTION BU2
	34 - 40	12x33	3-#10	3-#10	#4	1	12"		EMBEDDED STEEL SECTION BU3
									2 LAYERS, EMBEDDED STEEL SECTION BU4
	31 - 33	12x36	4-#11	4-#11	#4	1	10"		
	21 - 30	16x36	6-#11	6-#11	#5	1	8"		2 LAYERS, EMBEDDED STEEL SECTION BU5
	20	16x30	3-#11	3-#11	#4	1	12"		EMBEDDED STEEL SECTION BU6
									2 LAYERS, EMBEDDED STEEL SECTION BU6
	15 - 19	16x36	6-#11	6-#11	#5	1	8"		4 LAYERS
	12 - 14	16x36	8-#11	8-#11	#6	1	4"		4 LAYERS, EMBEDDED STEEL SECTION BU6
	11	16x60	8-#11	8-#11	#6	1	8"		
	10	16x27	4-#11	4-#11	#4	1	8"		2 LAYERS
	3 - 9	16x36	6-#11	6-#11	#5	1	6"		3 LAYERS
	2	16x60	8-#11	8-#11	#5	1	5"	7-#4 E.F.	4 LAYERS
LB5	33 - 35	20x36	6-#11	6-#11	#6	1	6"		3 LAYERS
	30 - 32	24x36	8-#11	8-#11	#6	1	5"		4 LAYERS
	28 - 29	24x36	8-#11	8-#11	#6	1	4"		4 LAYERS
	21 - 27	30x36	10-#11	9-#11	#6	2	6"	6-#5 E.F.	2 LAYERS
	19 - 20	30x36	12-#11	12-#11	#6	2	5"	5-#5 E.F.	3 LAYERS
	16 - 18	30x36	12-#11	12-#11	#6	2	6"	5-#5 E.F.	3 LAYERS
	14 - 15	30x33	12-#11	12-#11	#6	2	5"	5-#5 E.F.	3 LAYERS
	12 - 13	35x33	16-#11	16-#11	#6	2	4"		3 LAYERS
	11	20x33	9-#11	9-#11	#5	1	5"		3 LAYERS
	9	52x48	12-#11	12-#11	#4	1	8"	6-#6 E.F.	2 LAYERS
	8	52x48	12-#11	12-#11	#4	1	8"	6-#6 E.F.	2 LAYERS
	7	36x24	12-#11	12-#11	#4	1	8"		2 LAYERS
LB6	48 - 50	12x63	4-#9	4-#9	#4	1	12"	9-#4 E.F.	2 LAYERS
	37 - 47	12x63	2-#9	2-#9	#4	1	12"	9-#4 E.F.	
	35 - 36	12x63	4-#9	4-#9	#4	1	12"	9-#4 E.F.	2 LAYERS
	31 - 34	18x63	3-#9	3-#9	#4	1	12"	9-#4 E.F.	
	29 - 30	18x63	4-#9	4-#9	#4	1	12"	9-#4 E.F.	2 LAYERS
	28	18x63	3-#9	3-#9	#4	1	12"	9-#4 E.F.	
	21 - 27	18x63	3-#9	3-#9	#4	1	12"	6-#5 E.F.	



STIRRUP TYPES  
N.T.S.

FOR NOTES SEE DRAWING S-930.

BEAM	W Section/ Built up section				NUMBER OF STUDS EACH FLANGE			DEVELOPMENT LENGTH	REMARKS
	D (in)	Bf (in)	Tf (in)	Tw (in)	Row	Column	Total		
BU1		W30 X 391			4,000	11,000	44,000	5'-0"	
BU2		W24 X 84			1,000	10,000	10,000	4'-0"	CUT 1.5" ON BOTH SIDES OF FLANGE
BU3		W24 X 162			1,000	10,000	10,000	4'-0"	CUT 3.5" ON BOTH SIDES OF FLANGE
BU4		W24 X 129			1,000	5,000	5,000	4'-0"	ABOVE THE FLANGE
BU5	60,000	8,000	3,000	2,500	2,000	9,000	18,000	4'- 6"	UNDER THE FLANGE
BU6		W36 X 170			2,000	9,000	18,000	4'- 6"	

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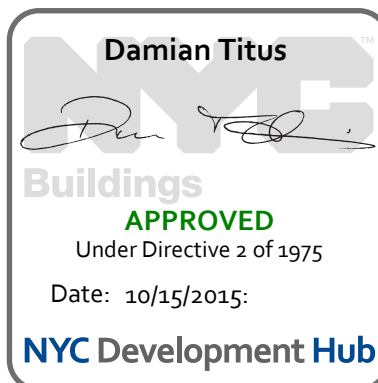
### WSP

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3	D.O.B. BUILDING PERMIT	05/01/2015
2	FILED	04/17/2015
1	BULLETIN #9	04/03/2015
1	100% CONSTRUCTION	04/03/2015
1	DOCUMENTS	

No.	Description	Date
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Key Plan



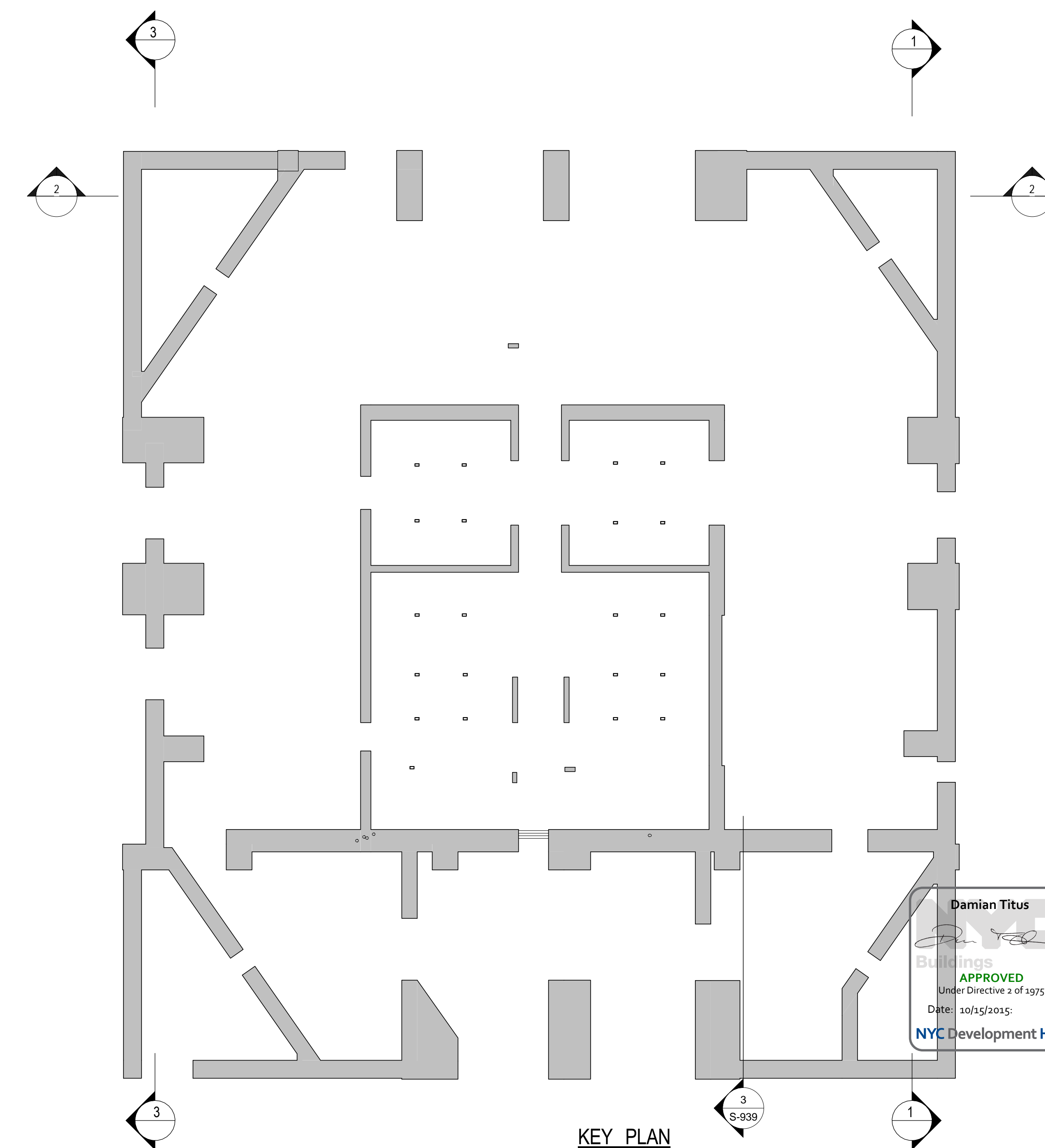
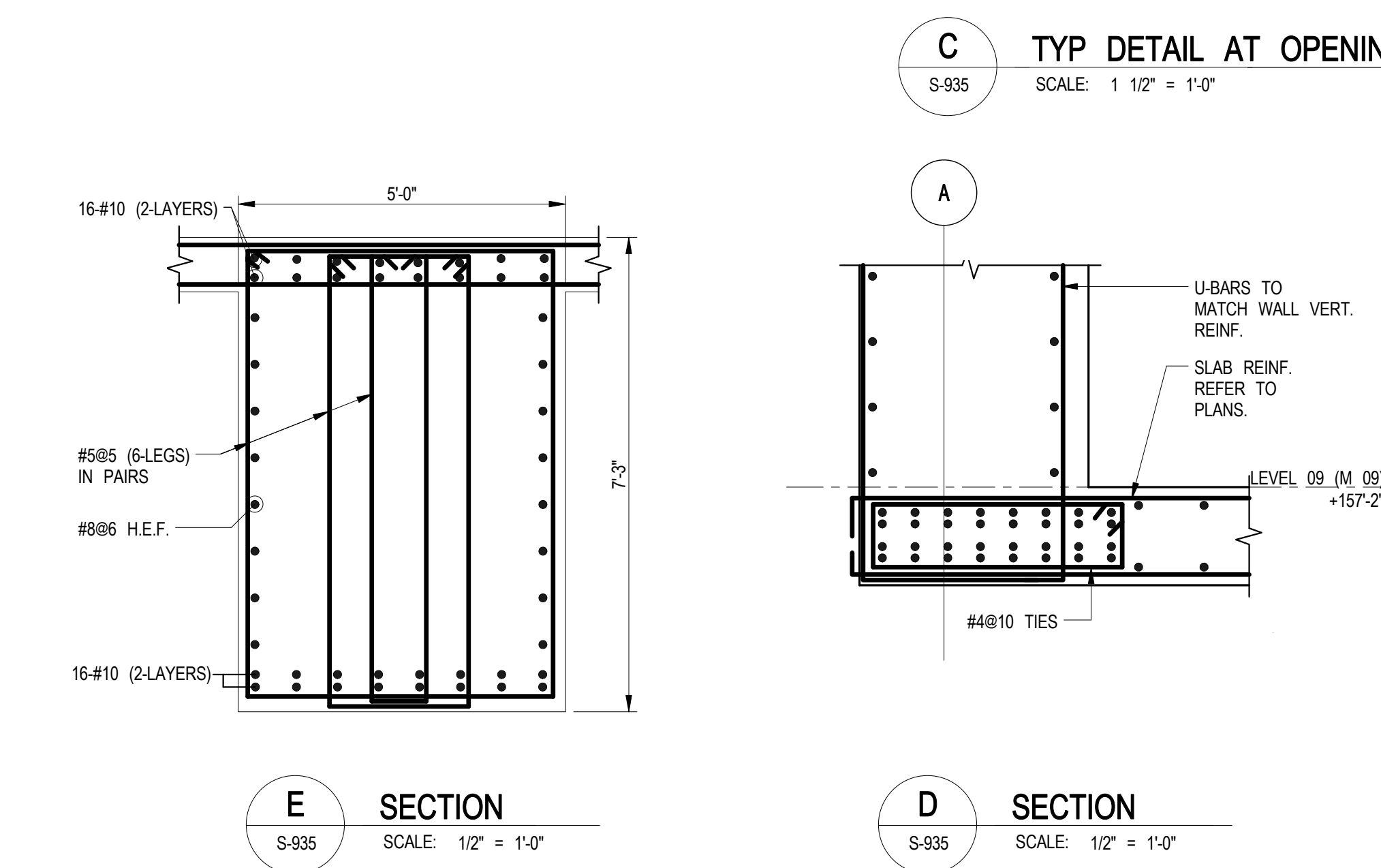
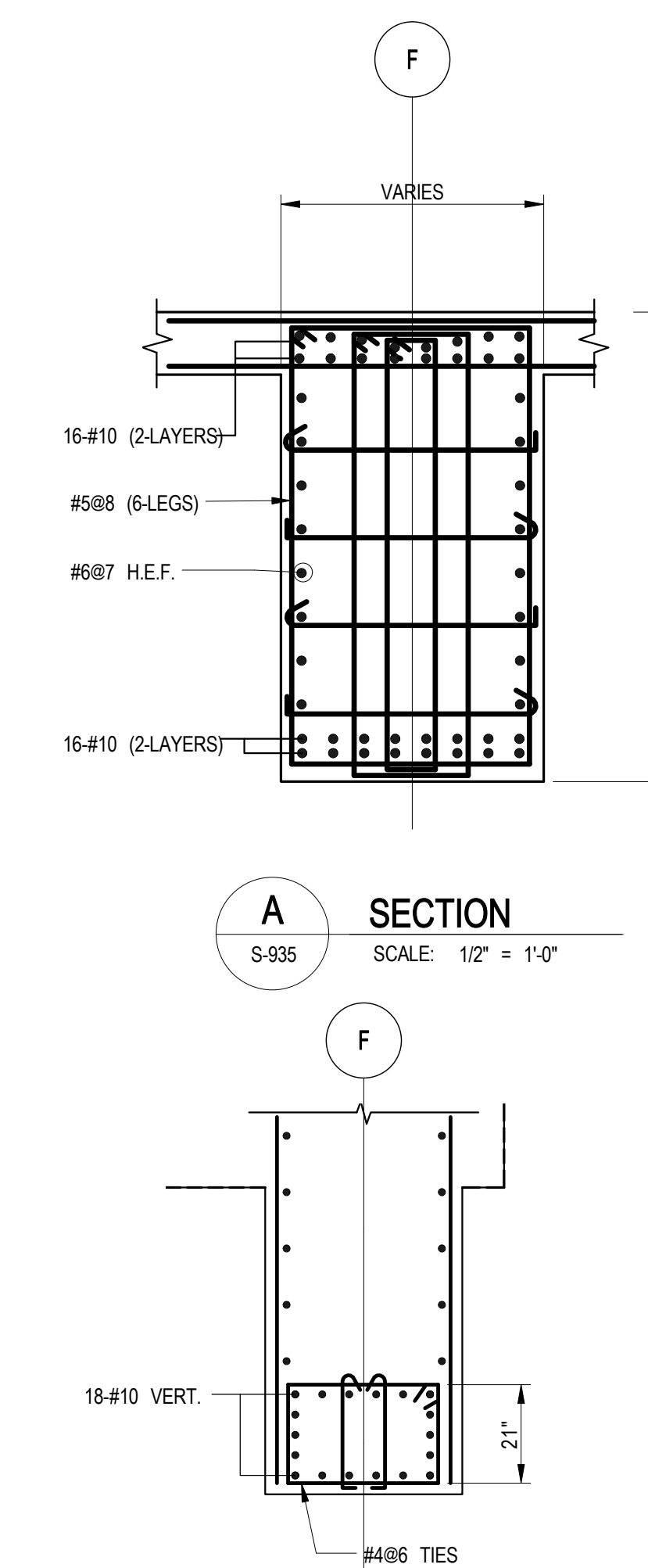
Issue Date:	04/03/2015
Project No:	1305480
Revision No:	CADD
Sheet Number	


Drawing Title

## LINK BEAM SCHEDULE

Drawing Number  
**S-934.00**






**Damian Titus**  
  
**Buildings**  
**APPROVED**  
Under Directive 2 of 1975  
Date: 10/15/2015:  
**NYC Development Hub**

I	D.O.B. BUILDING PERMIT FILING  100% CONSTRUCTION DOCUMENTS	05/01/2015   04/03/2015
No.	Description	Date

Issue Date:	<b>04/03/2015</b>
Project No:	<b>1305480</b>
Drawn By:	<b>CADD</b>
Sheet Number	<b>1305480-S-935</b>



---

Drawing Title

# TRANSFER WALL ELEVATIONS 1

---

Drawing Number

# S-935.00









FOR SLAB REINF.  
REFER TO PLAN

LEVEL 10 (M 10) -  
TERRACE  
+181'-7"

32-#10 (4 LAYERS)

9'-5"

#506 (8-LEGS)

#706 E.F.

32-#10 (4 LAYERS)

3'-0"

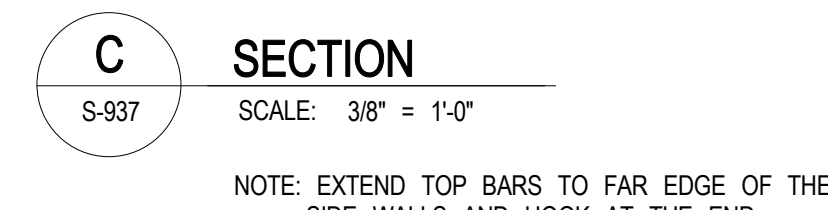
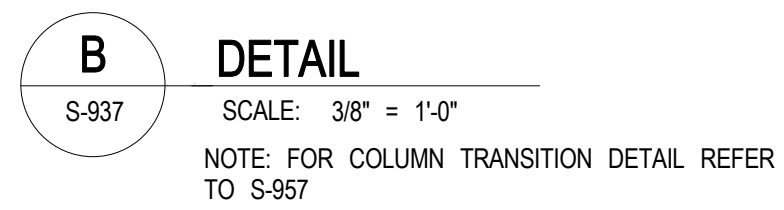
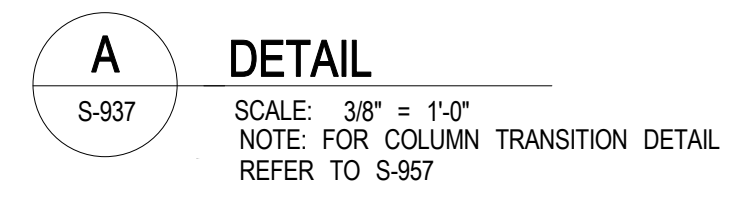
**D**


S-837

**SECTION**

SCALE: 3/8" = 1'-0"

**Damian Titus**



**Damian Titus**  
  
 EDGE OF THE  
 AT THE END.  
 Buildings  
**APPROVED**  
 Under Directive 2 of 1975

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No.	Description	Date
1	FOUNDATION	10/21/2014
2	BULLETIN #8	03/18/2015
3	FOUNDATION	10/21/2014
4	FOUNDATION	10/21/2014
5	FOUNDATION	10/21/2014
6	FOUNDATION	10/21/2014
7	FOUNDATION	10/21/2014
8	FOUNDATION	10/21/2014
9	FOUNDATION	10/21/2014
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11	FOUNDATION	10/21/2014
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13	FOUNDATION	10/21/2014
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100	FOUNDATION	10/21/2014

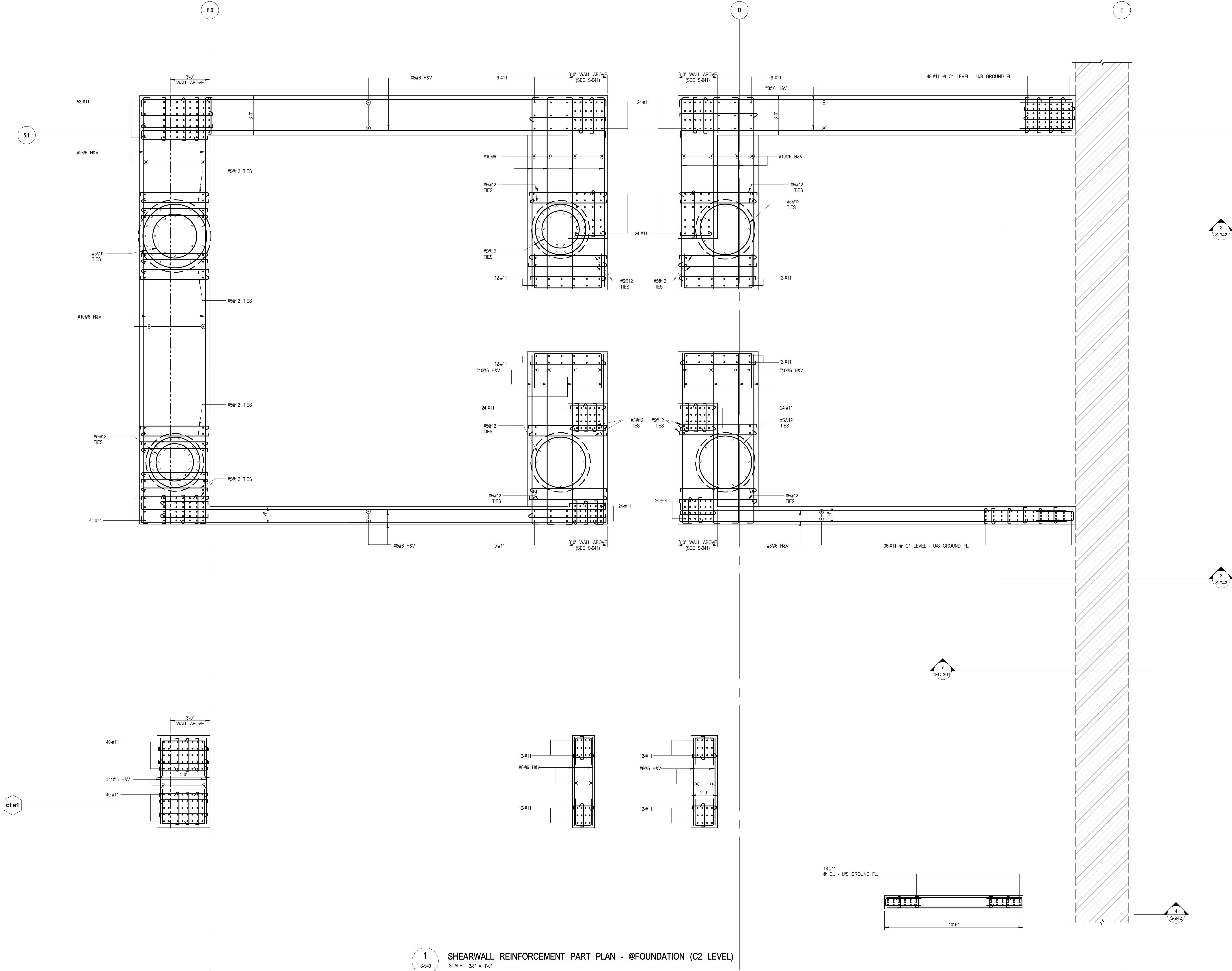
Key Plan

Date: 10/21/2014  
Project No: 1305480  
Division: CADD  
Sheet Number: 1305480-S-940

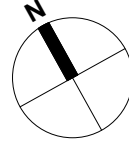
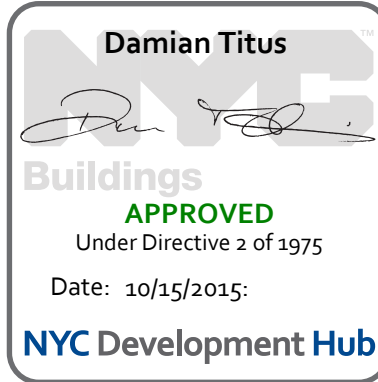
Review By: **SHEARWALL REINFORCEMENT PLAN @ FDN. (C2 LEVEL)**

Drawing Number: **S-940.01**

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**1**  
S-940  
**SHEARWALL REINFORCEMENT PART PLAN - @FOUNDATION (C2 LEVEL)**  
SCALE: 3/8" = 1'-0"  
**SHEARWALL NOTES**  
1. FOR LOCATION AND SIZES OF OPENINGS SEE CORRESPONDING FLOOR PLANS.  
2. FOR LINK BEAM SCHEDULE SEE DRAWING S-934  
3. FOR TYPICAL DETAILS & TABLES SEE S-929













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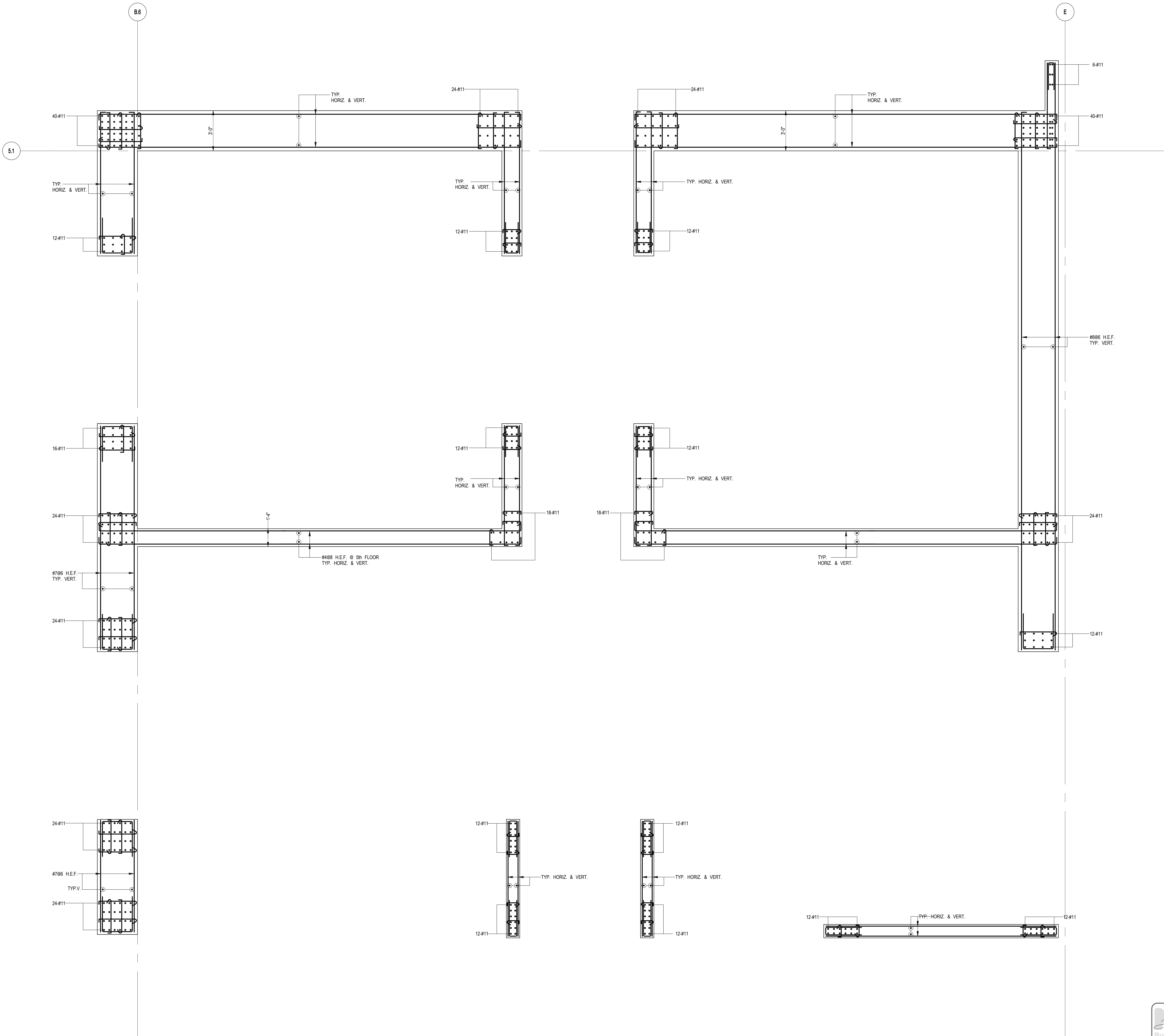
Architect  
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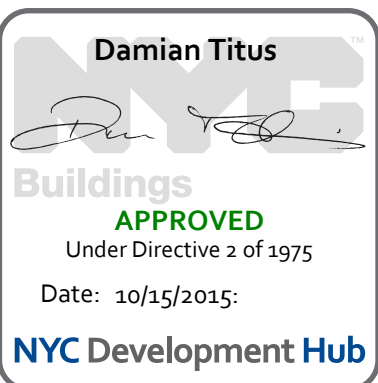
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New York, NY 10018  
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1 SHEARWALL REINFORCEMENT PLAN - @3RD FLOOR - U/S 6TH FLOOR  
S-943 SCALE: 3/8" = 1'-0"

SHEARWALL NOTES:  
1. FOR LOCATION AND SIZES OF OPENINGS SEE  
CORRESPONDING FLOOR PLANS  
2. FOR TYPICAL DETAILS & TABLES SEE S-949



Issue Date: 04/03/2015  
Project No: 1305480  
Drawn By: CADD  
Sheet Number: 1305480-S-943

Diversion File  
SHEARWALL REINF.  
PLAN @3RD FLOOR - U/S  
6TH FLOOR

Diversion Number  
S-943.00







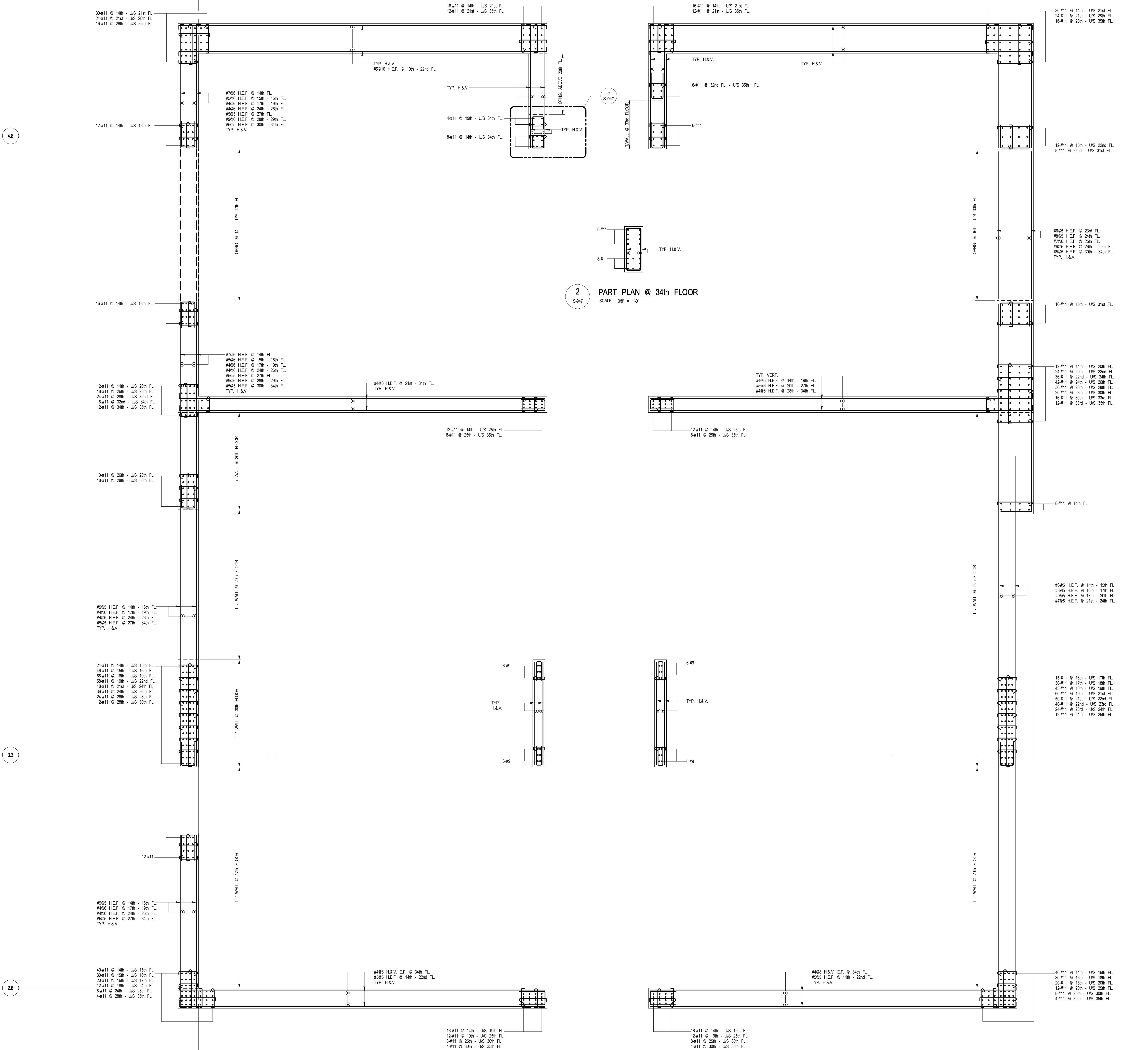








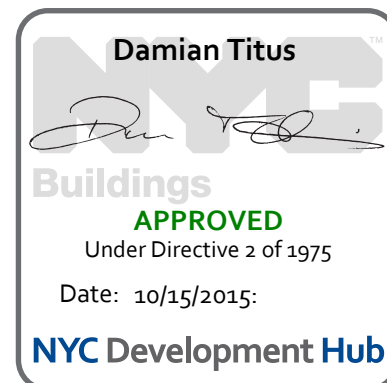
SHEARWALL REIN. PLAN @ 14TH U/S 35TH FLOOR  
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5/14/2015 12:05:10 PM



1 SHEARWALL REINFORCEMENT PLAN @ 14TH FLOOR - U/S 35TH FLOOR  
S-947 SCALE: 3/8" = 1'-0"

2 PART PLAN @ 34th FLOOR  
S-947 SCALE: 3/8" = 1'-0"

SHEARWALL NOTES:  
1. FOR LOCATION AND SIZES OF OPENINGS SEE CORRESPONDING FLOOR PLANS.  
2. FOR TYPICAL DETAILS & TABLES SEE S-949



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No.	Description	Date
1	D.O.B. BUILDING PERMIT FILING	05/01/2015
	100% CONSTRUCTION DOCUMENTS	04/03/2015

Rev. Plan

Issue Date: 04/03/2015  
Project No: 1305480  
Drawn By: CADD  
Sheet Number: 1305480-S-947

Revising Title

SHEARWALL REIN.  
PLAN @ 14TH-U/S 35TH  
FLOOR

Revising Number

S-947.00



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Architect

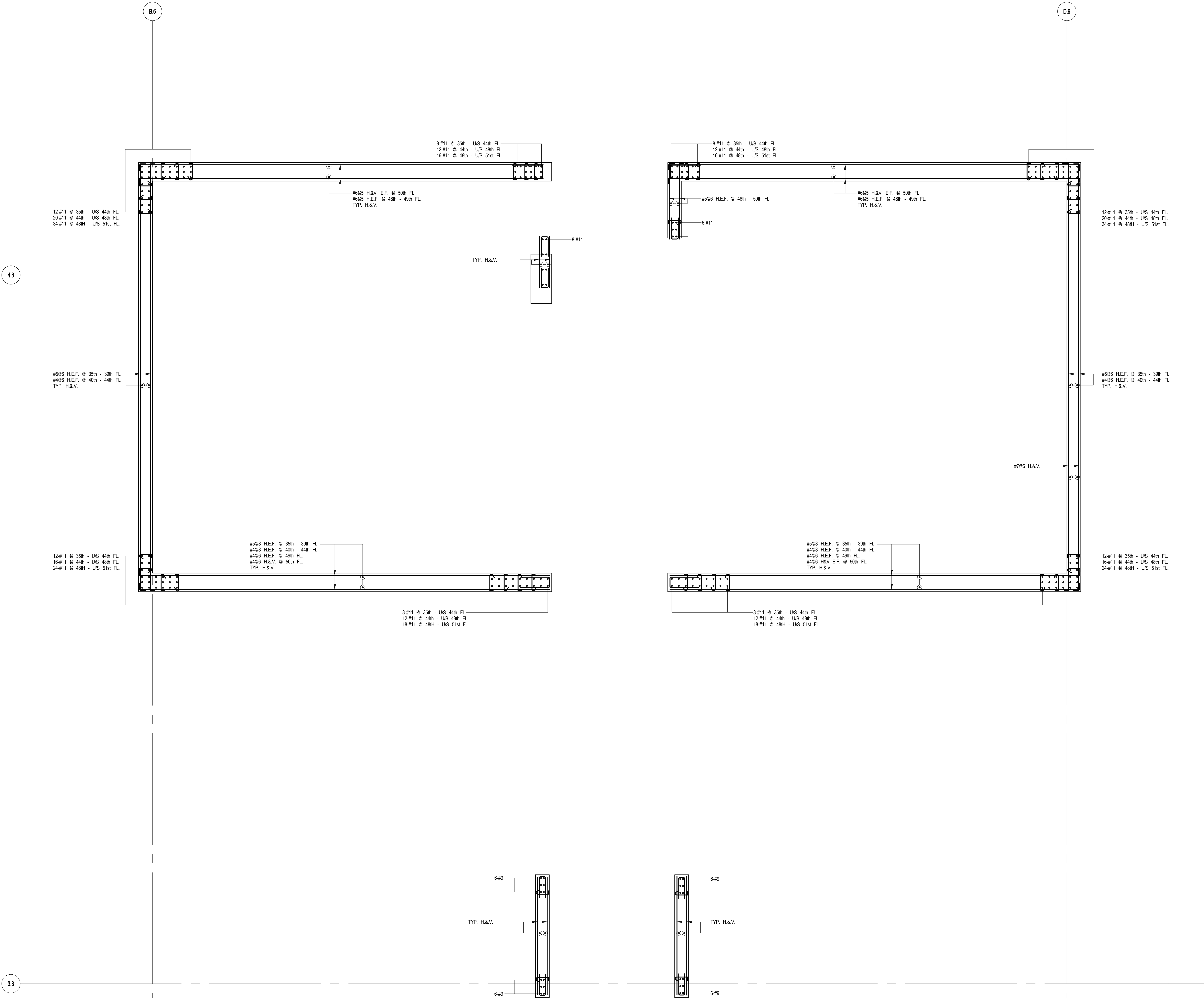
Kohn Pedersen Fox Associates PC  
Architects & Planning Consultants  
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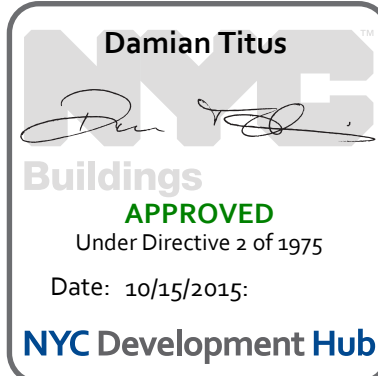
Mechanical, Electrical, Plumbing, Fire Protection

WSP  
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New York, NY 10018  
Tel: 212.532.9600



1  
S-948  
SHEARWALL REINFORCEMENT PLAN AT- 35TH FLOOR - U/S 51ST FLOOR  
SCALE: 3/8" = 1'-0"

SHEARWALL NOTES:  
1. FOR LOCATION AND SIZES OF OPENINGS SEE  
CORRESPONDING FLOOR PLANS.  
2. FOR TYPICAL DETAILS & TABLES SEE S-949



Issue Date: 04/03/2015  
Project No: 1305480  
Drawn By: CADD  
Sheet Number: 1305480-S-948

Dividing File  
SHEARWALL REINF.  
PLAN AT 35TH-U/S 51ST  
FLOOR

Dividing Number  
S-948.00










—EXTEND COLUMN VERT. AND TIE REINF. TO BOTTOM OF WALL  
(SEE 5/FO-300 FOR TYPICAL STIRRUP DETAIL)

1. FIRST COLUMN DIMENSION SHOWN IN SCHEDULE IS IN THE DIRECTION.
2. COLUMN LOADS INDICATED IN SCHEDULE ARE SERVICE LOADS IN KIPS.
3. FOR CONCRETE STRENGTH REQUIRED SEE COLUMN SCHEDULE.
4. COLUMN SIZES AND SPACINGS ARE SHOWN ONLY SOME SIZE START AND STOP. BEAM SPACES IN BETWEEN INDICATE SAME SIZE.
5. DIMENSIONS CHANGED AND INDICATED BY "C" IN COLUMN.
6. FOR SHEARWALL DETAILS SEE S-940 SERIES DRAWINGS.
7. FOR COLUMN DETAILS, SEE DWG. S-945
8. BUTTRESS INDICATED AS "B" IN COLUMN SCHEDULE.
9. NOTATION:
  - "C" INDICATES COLUMN BEING PICKED UP BY BEAM.
  - "S" ON SCHEDULE INDICATES VERTICAL REINFORCEMENT WITH Fy=85 ksi. SPLICES SHOULD BE MECHANICAL SPLICE.
10. "S" INDICATES SHEARWALL.
11. "E" INDICATES EXISTING MTA STRUCTURE.
12. "R" INDICATES STEEL COR OR REINFORCEMENT EMBEDDED IN CONCRETE COLUMN. SEE S-953 FOR INFORMATION.
13. "C" INDICATES STEEL COR EMBEDDED IN EXISTING MTA COLUMN. SEE S-953 FOR INFORMATION. (TYPE "C" IS NOT USED FOR CONCRETE COLUMN INFORMATION.)

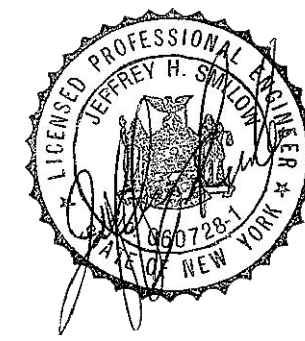
SEE S-952 & S-957 FOR ADDITIONAL INFORMATION.

3

6	D.O.B. BUILDING PERMIT FILING	05/01/2015
5	BULLETIN #9 	04/17/2015
4	100% CONSTRUCTION DOCUMENTS	04/03/2015
3	BULLETIN #8 	03/18/2015
2	BULLETIN #1 	12/12/2014
1	DI-1: FOUNDATIONS	10/21/2014
No.	Description	Date

Key Words

Issue Date:	10/21/2014
Project No.	1305480
Drawn By	CADD
Sheet Number	



Drawing Title

COLUMN  
SCHEDULE 1

*Designing Number*

# S-950.01

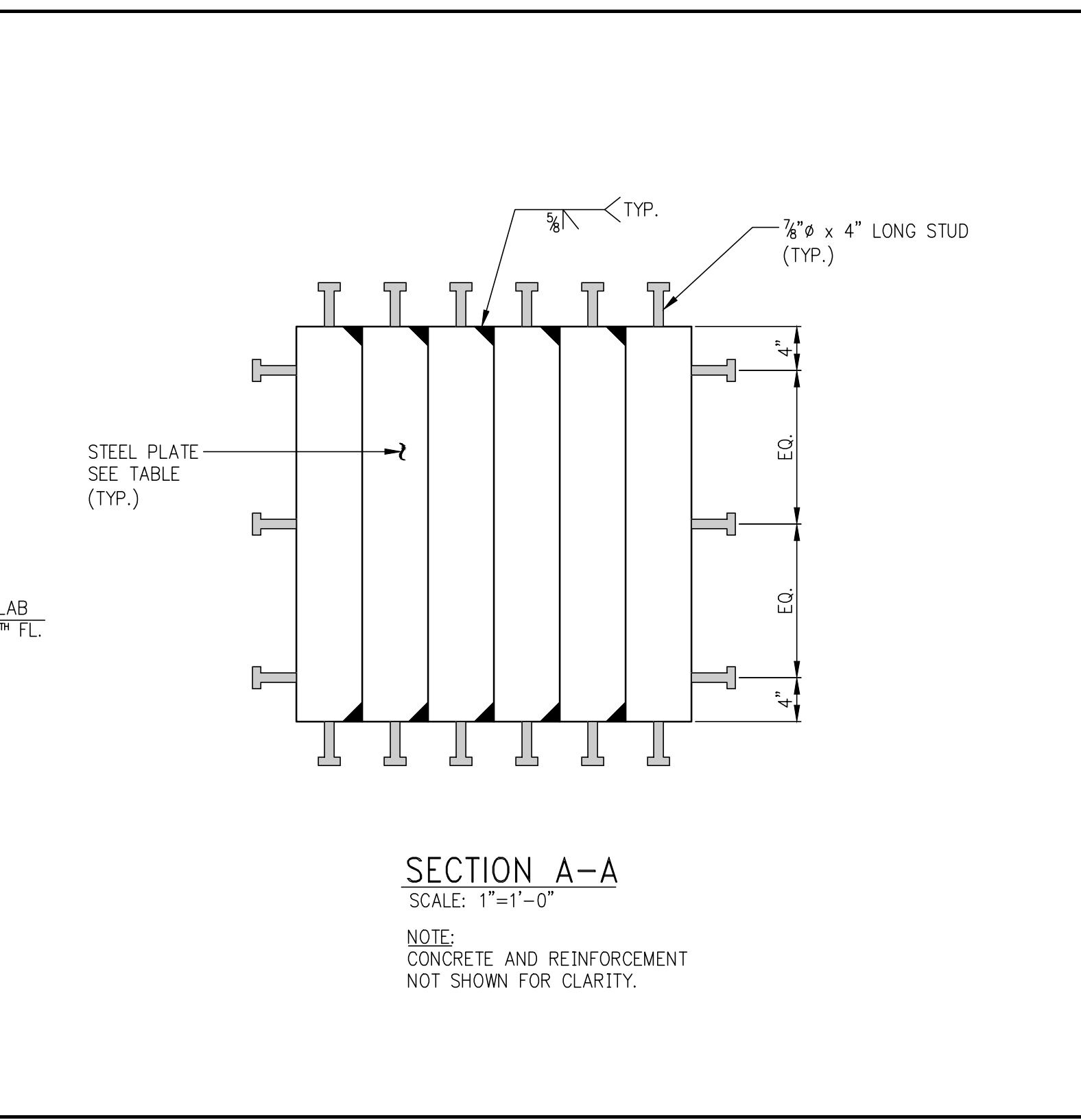
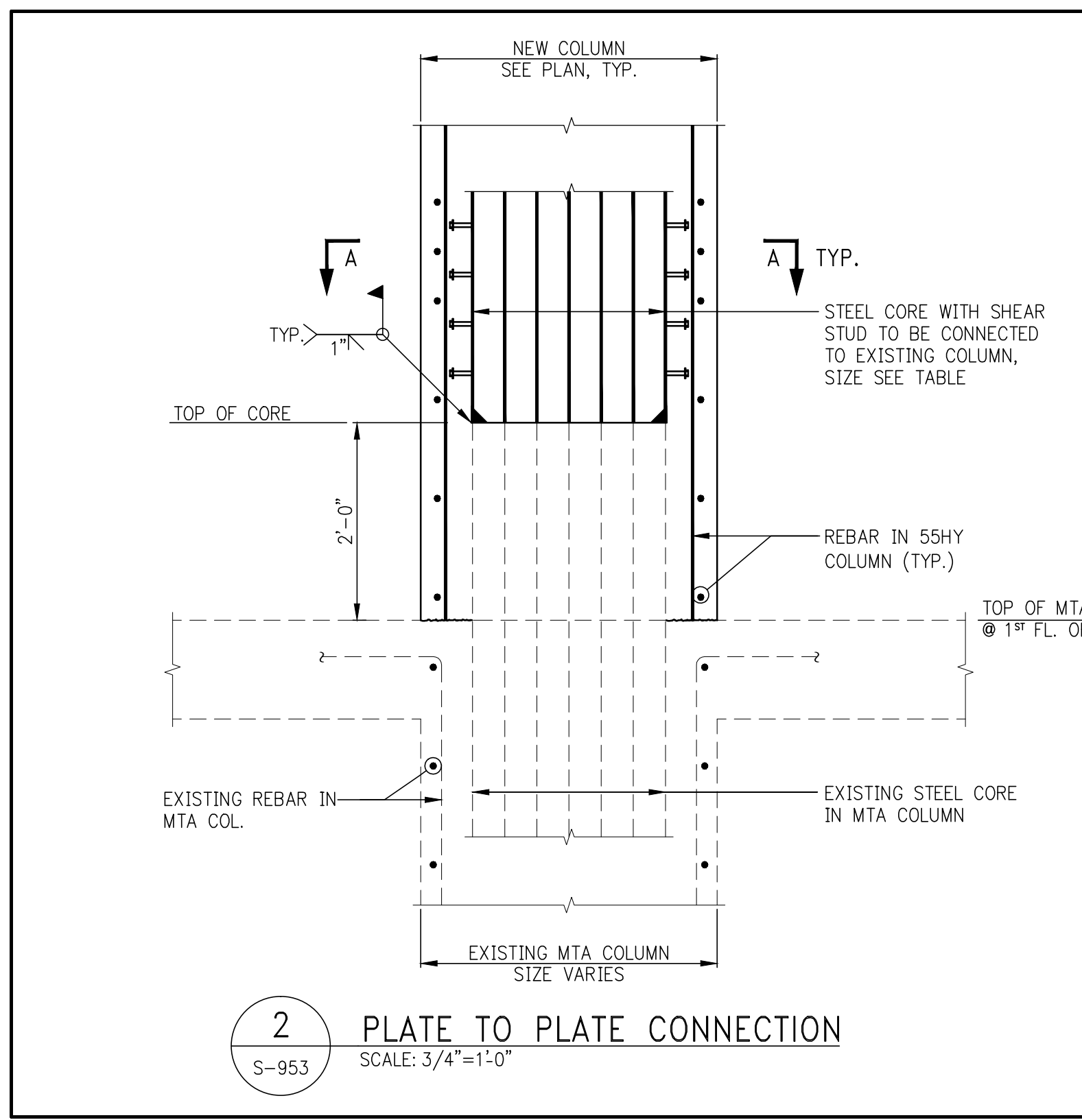
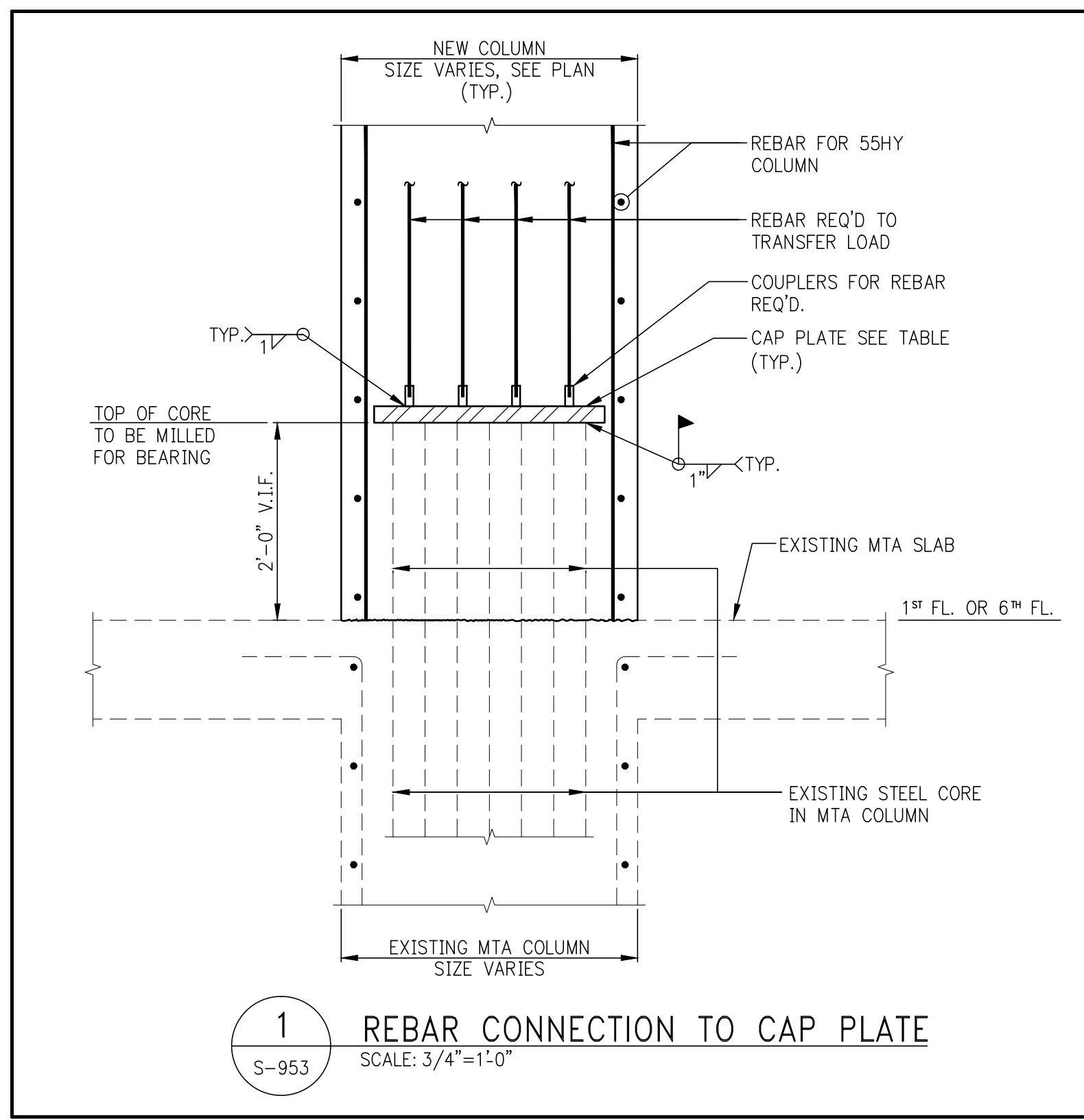












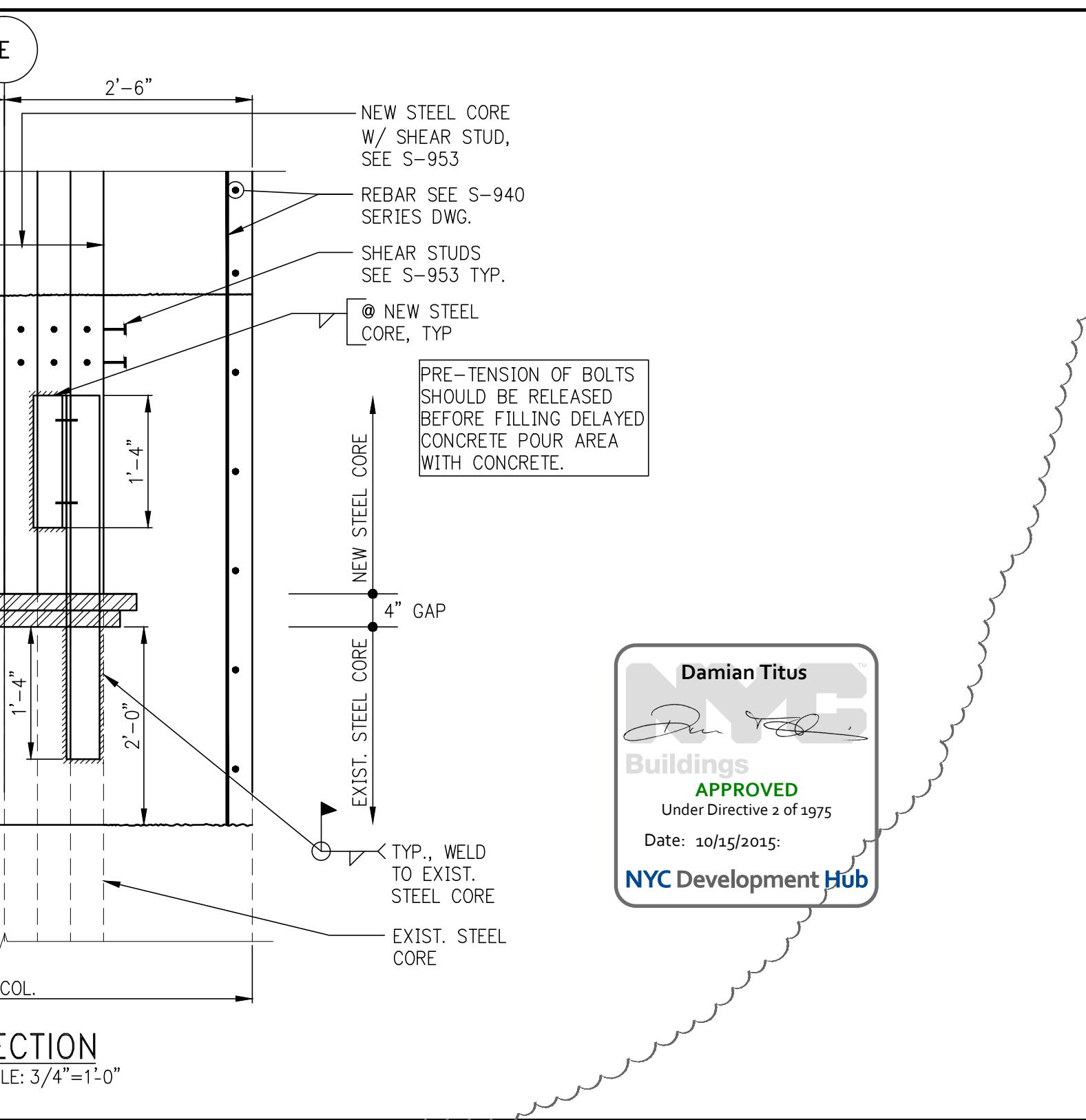
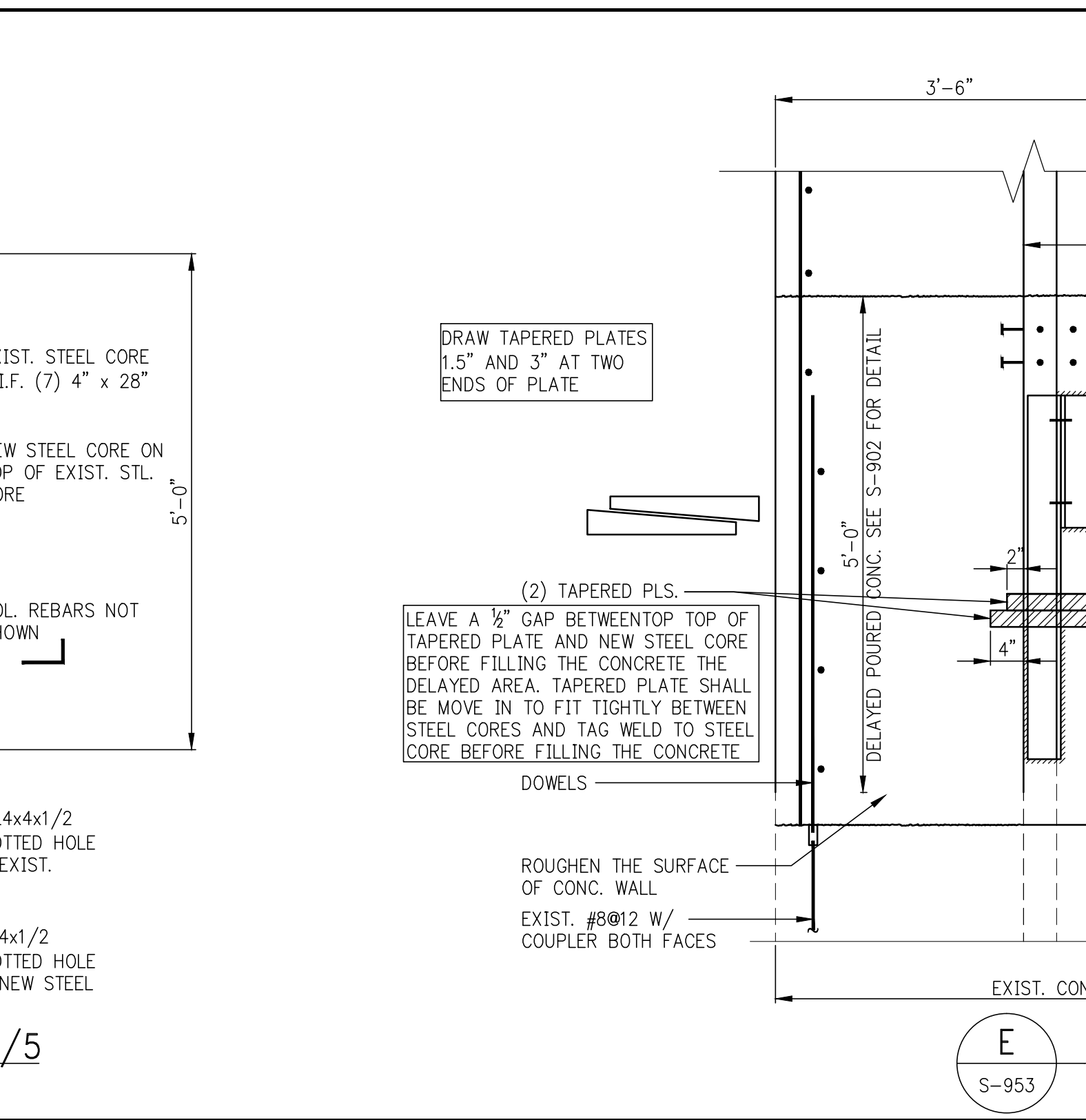
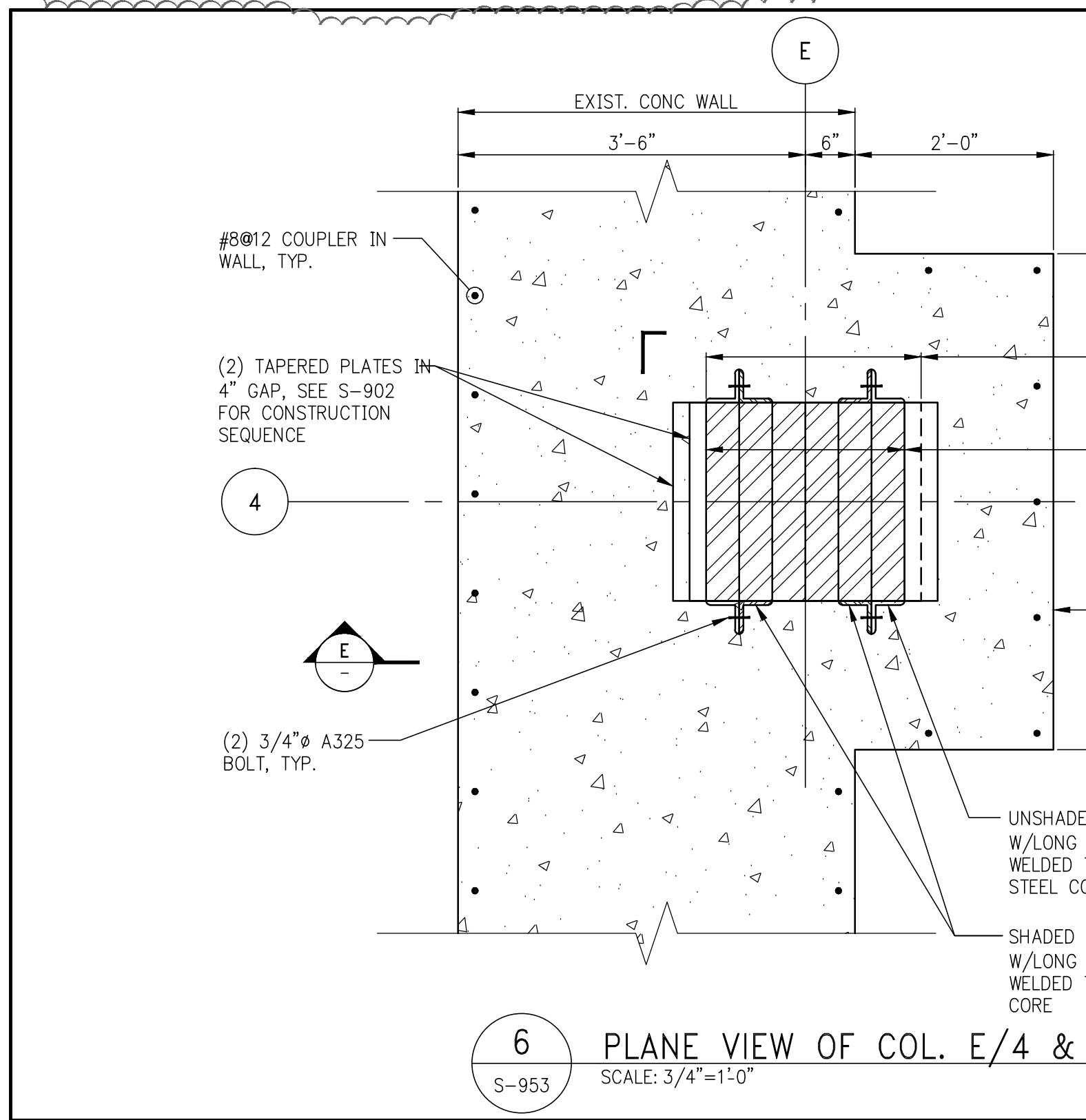
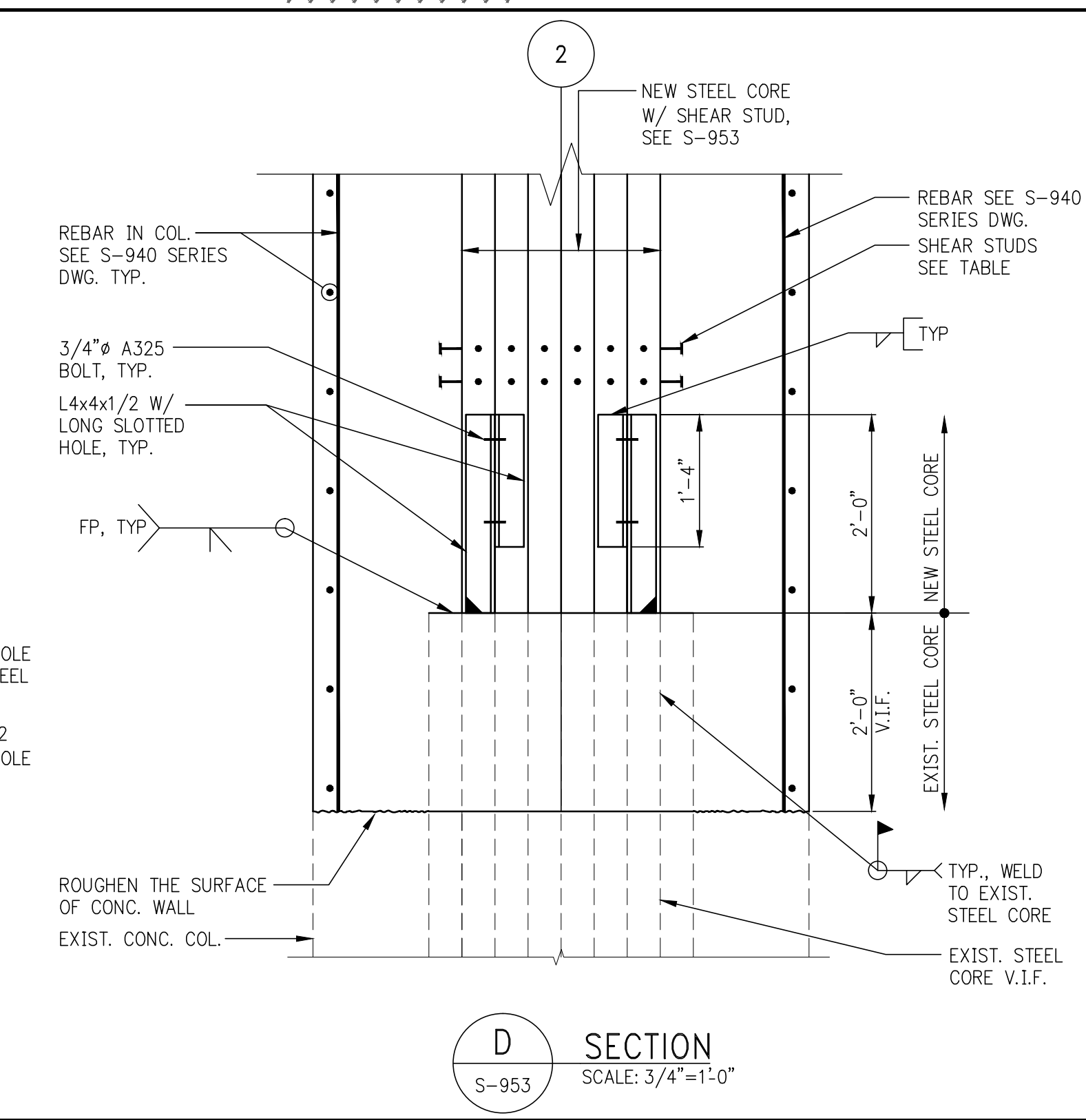
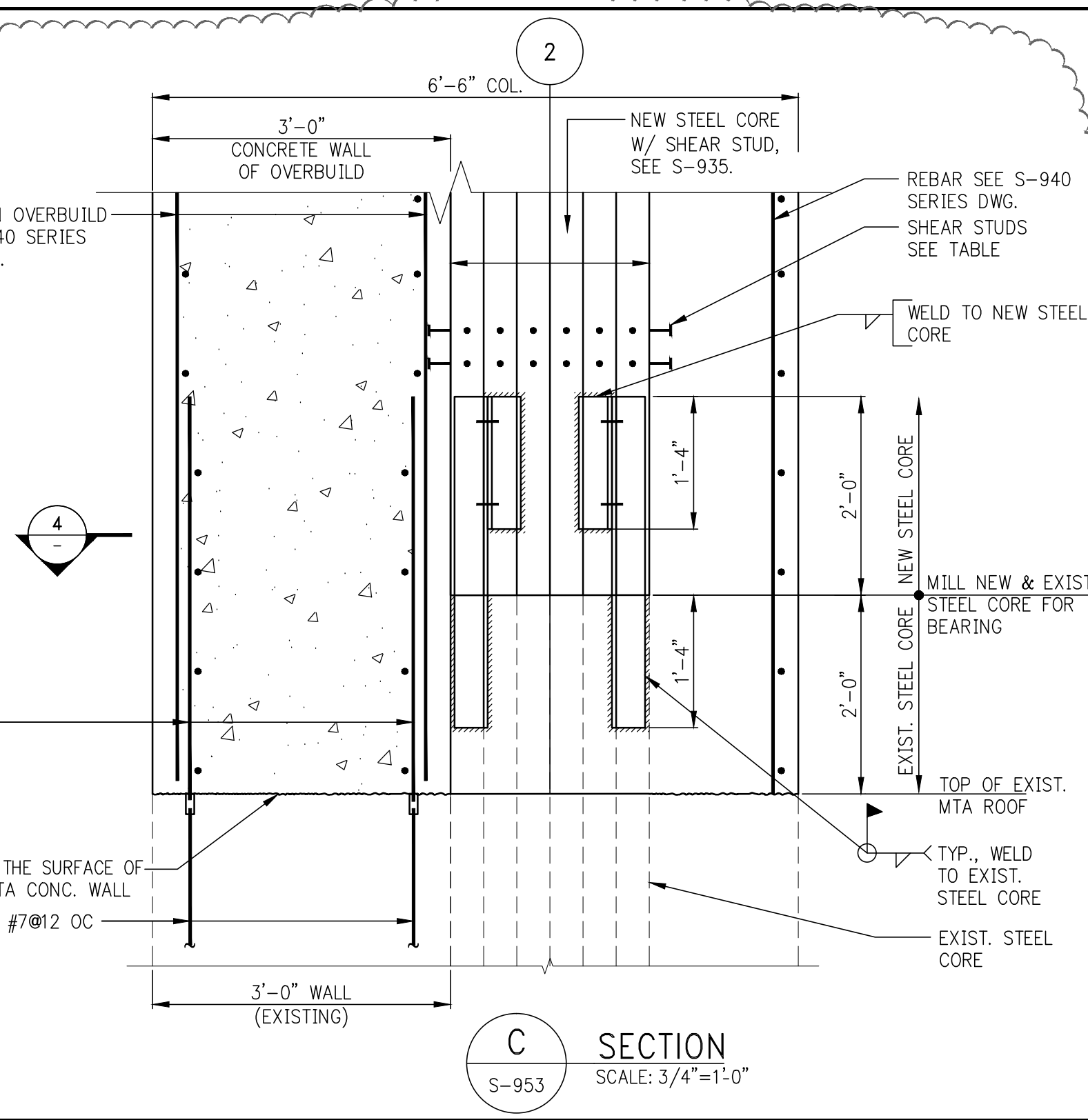
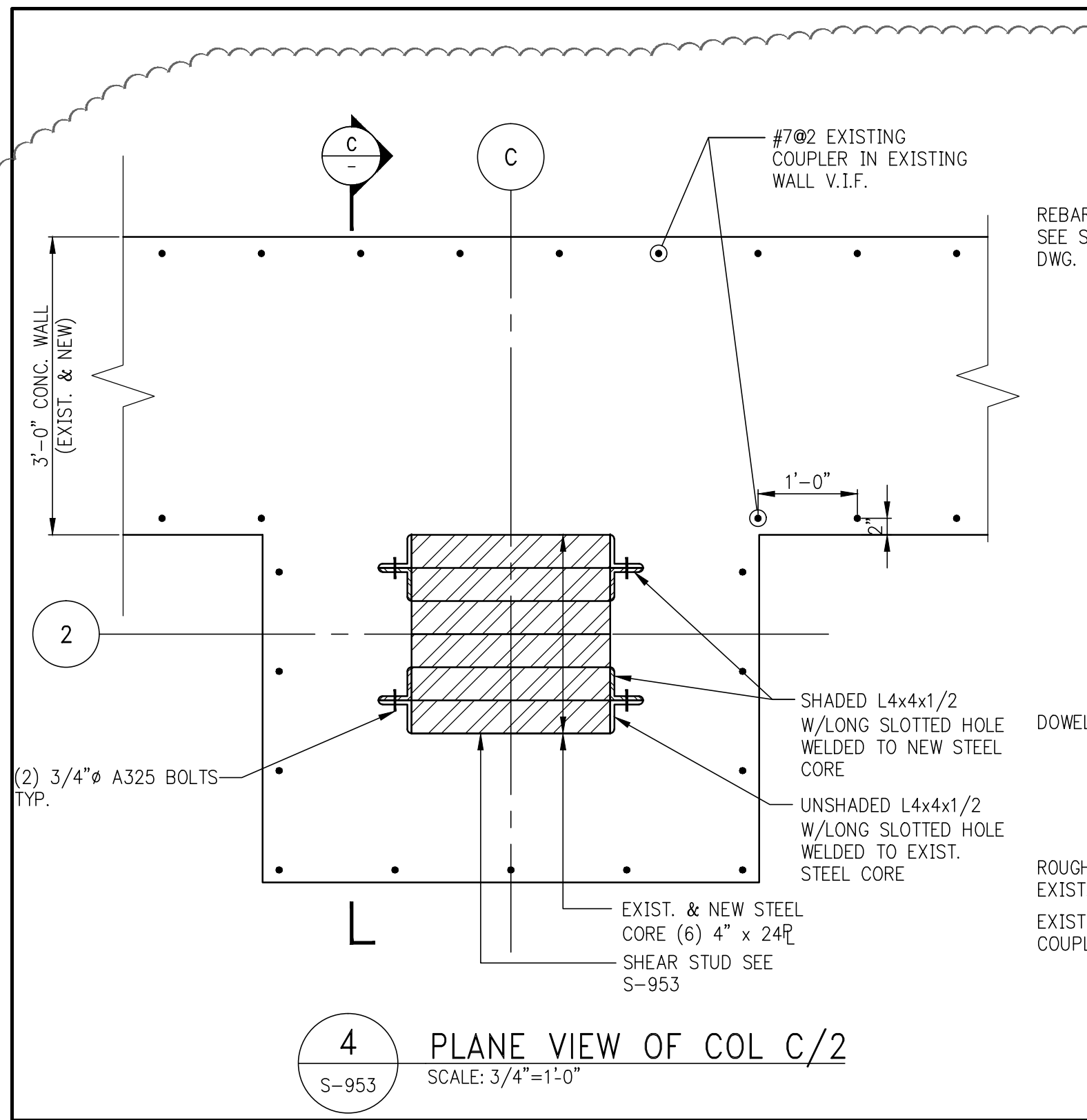
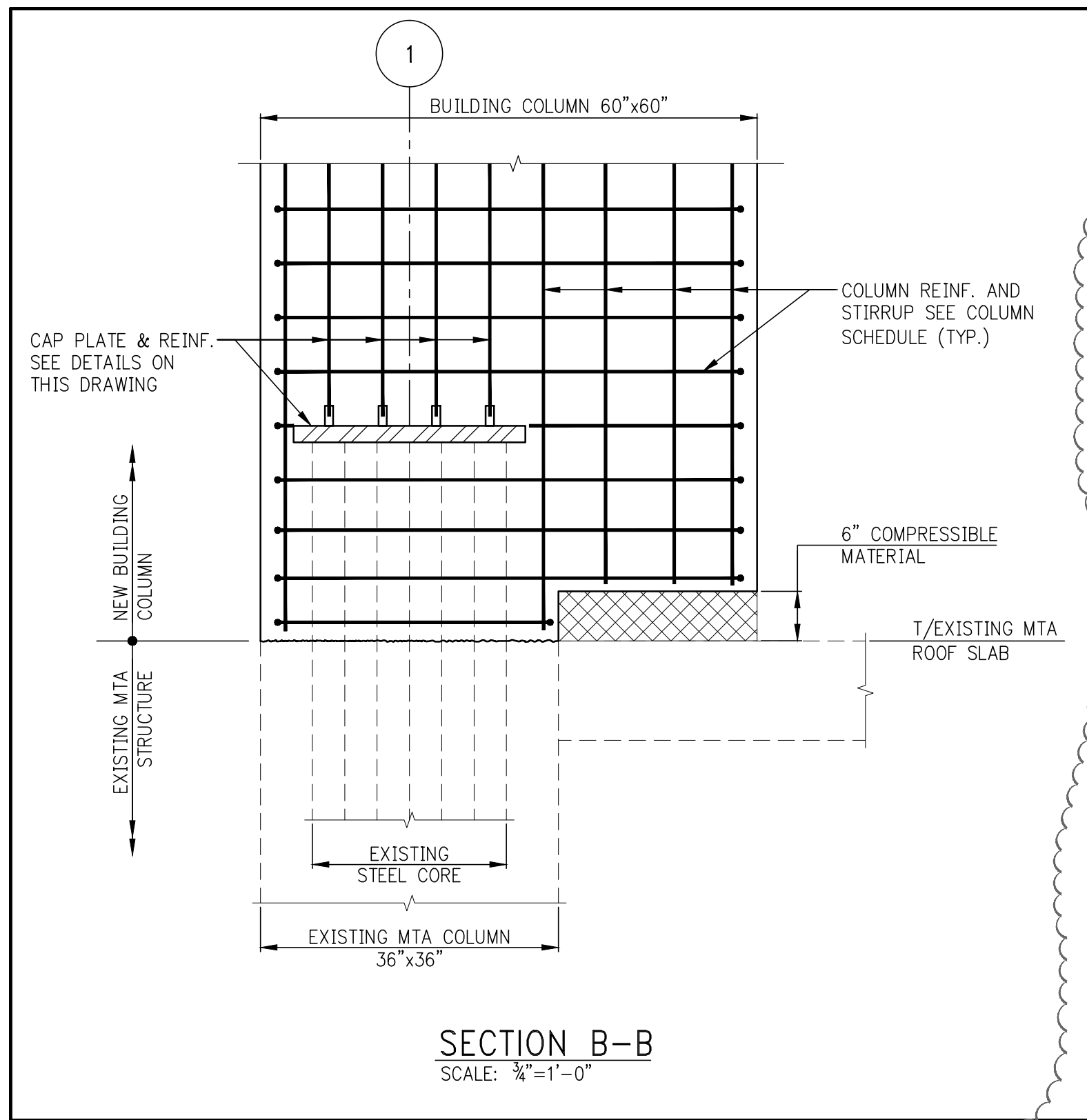
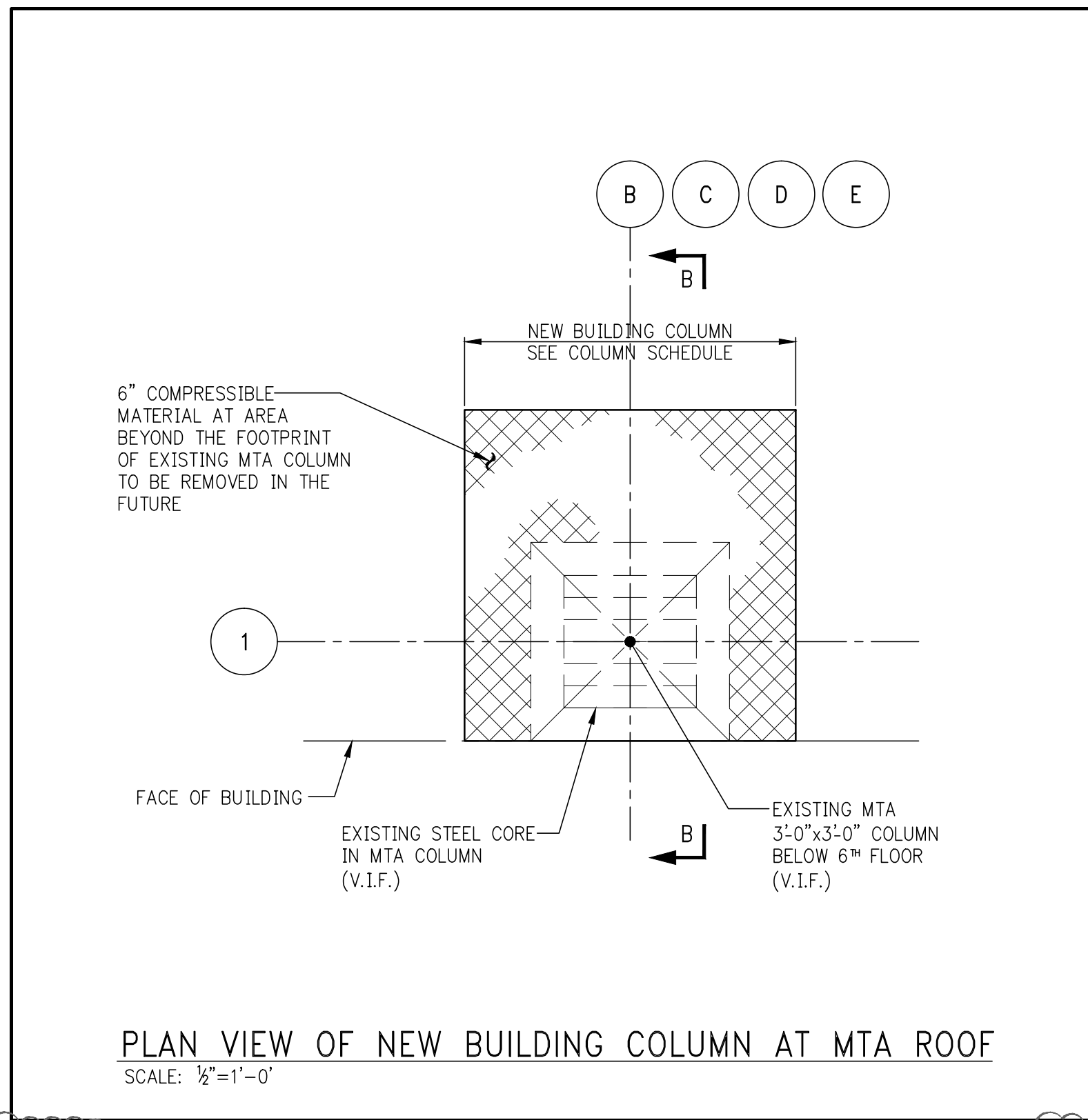
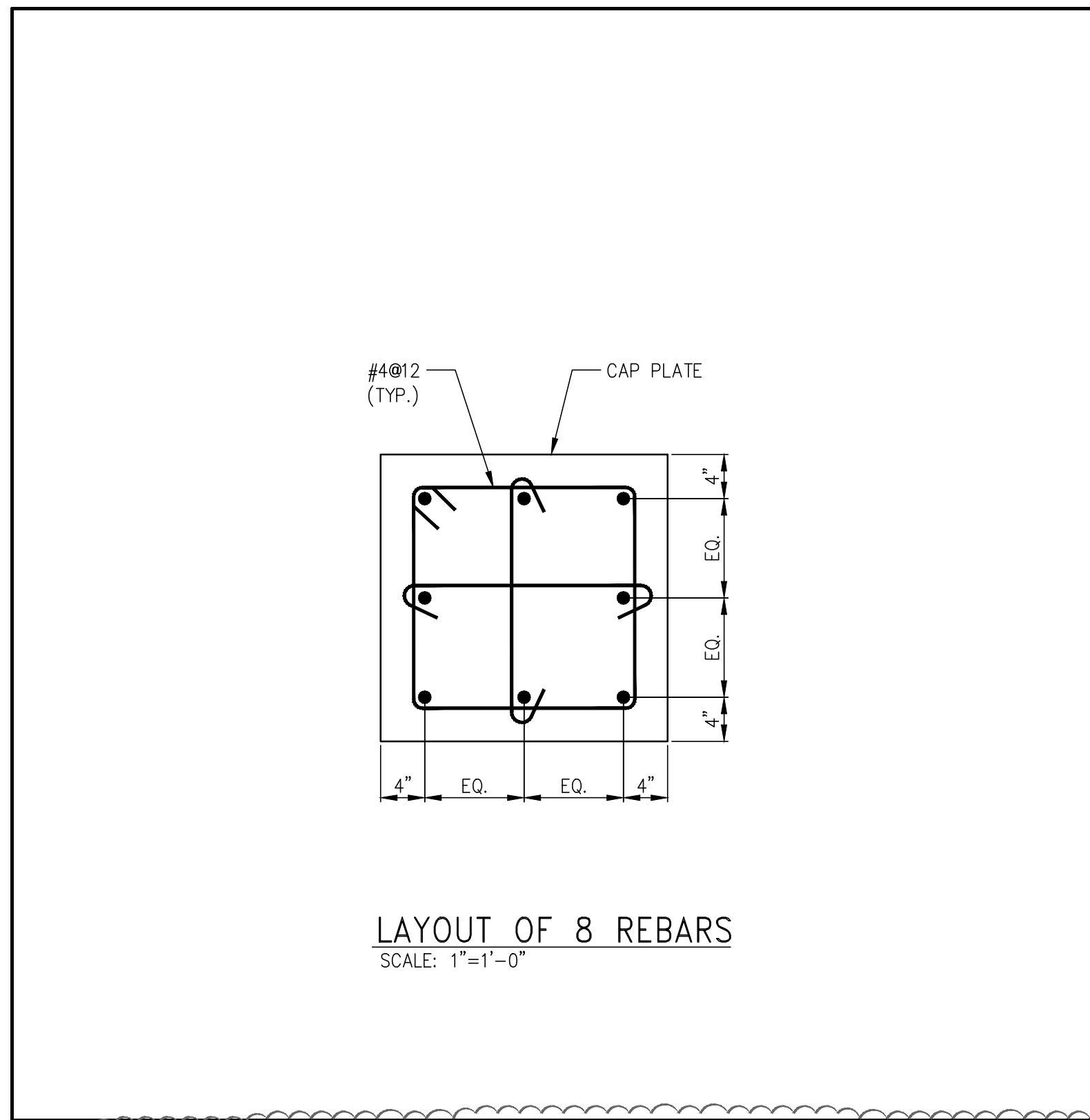
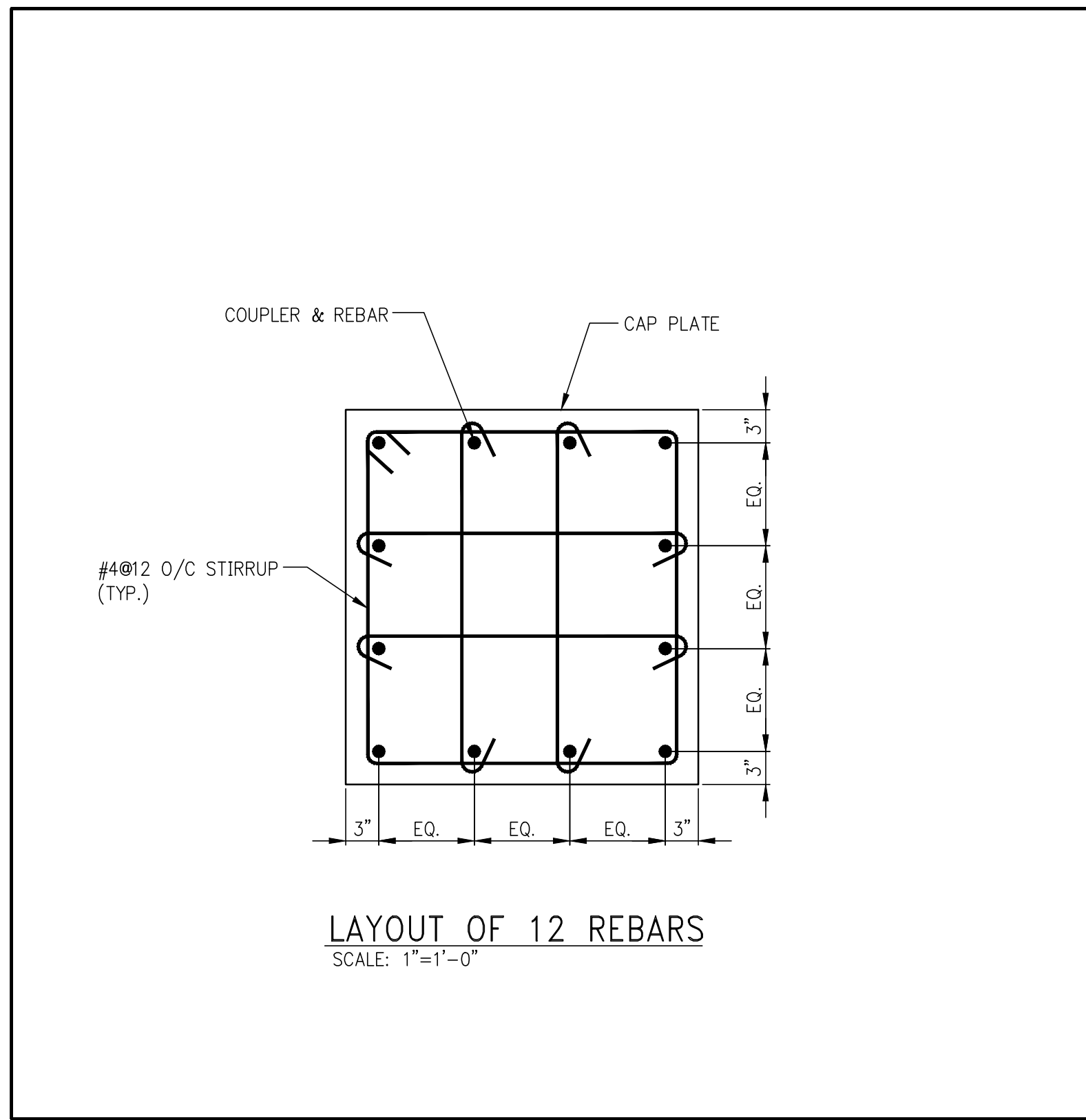
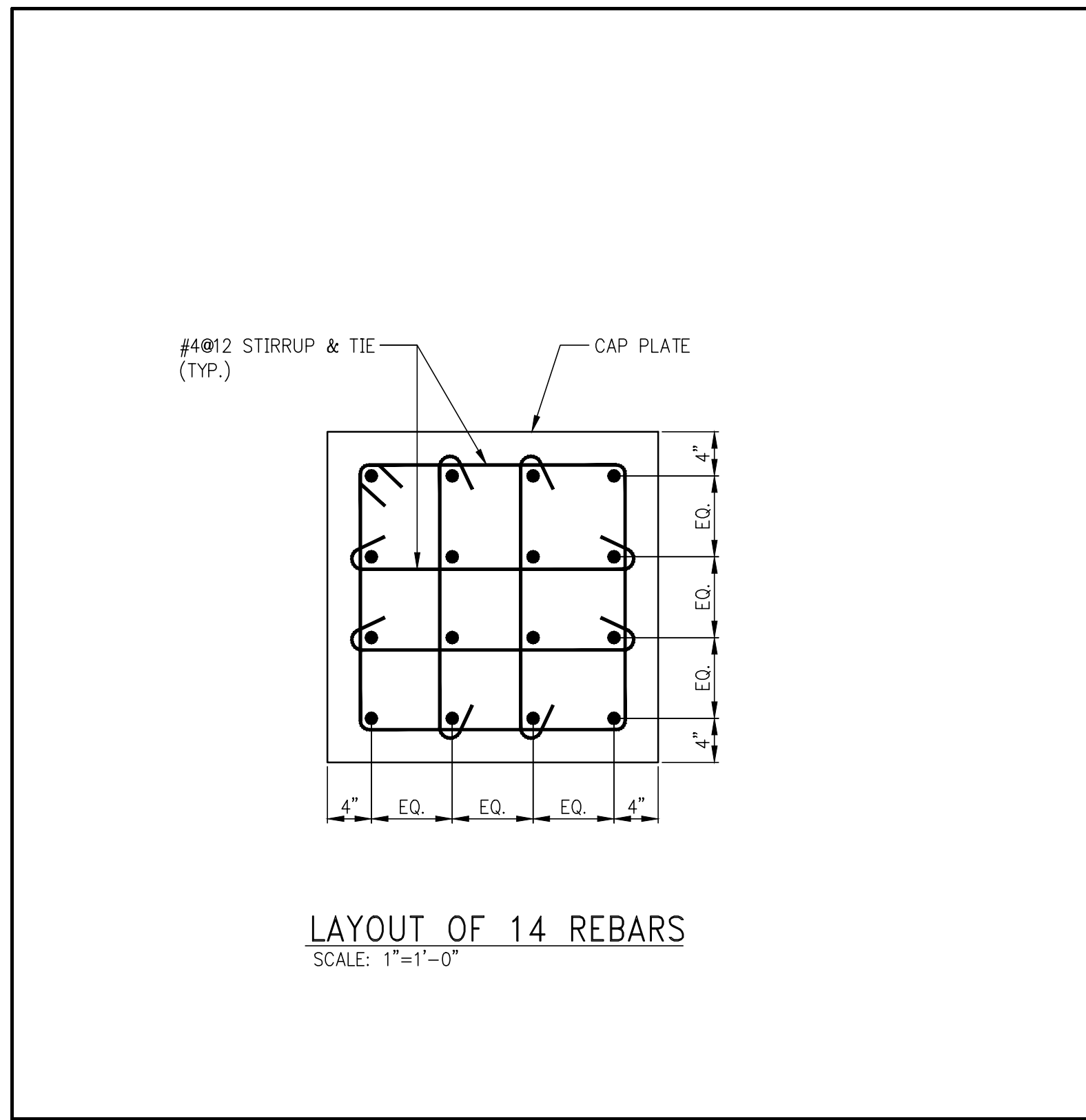
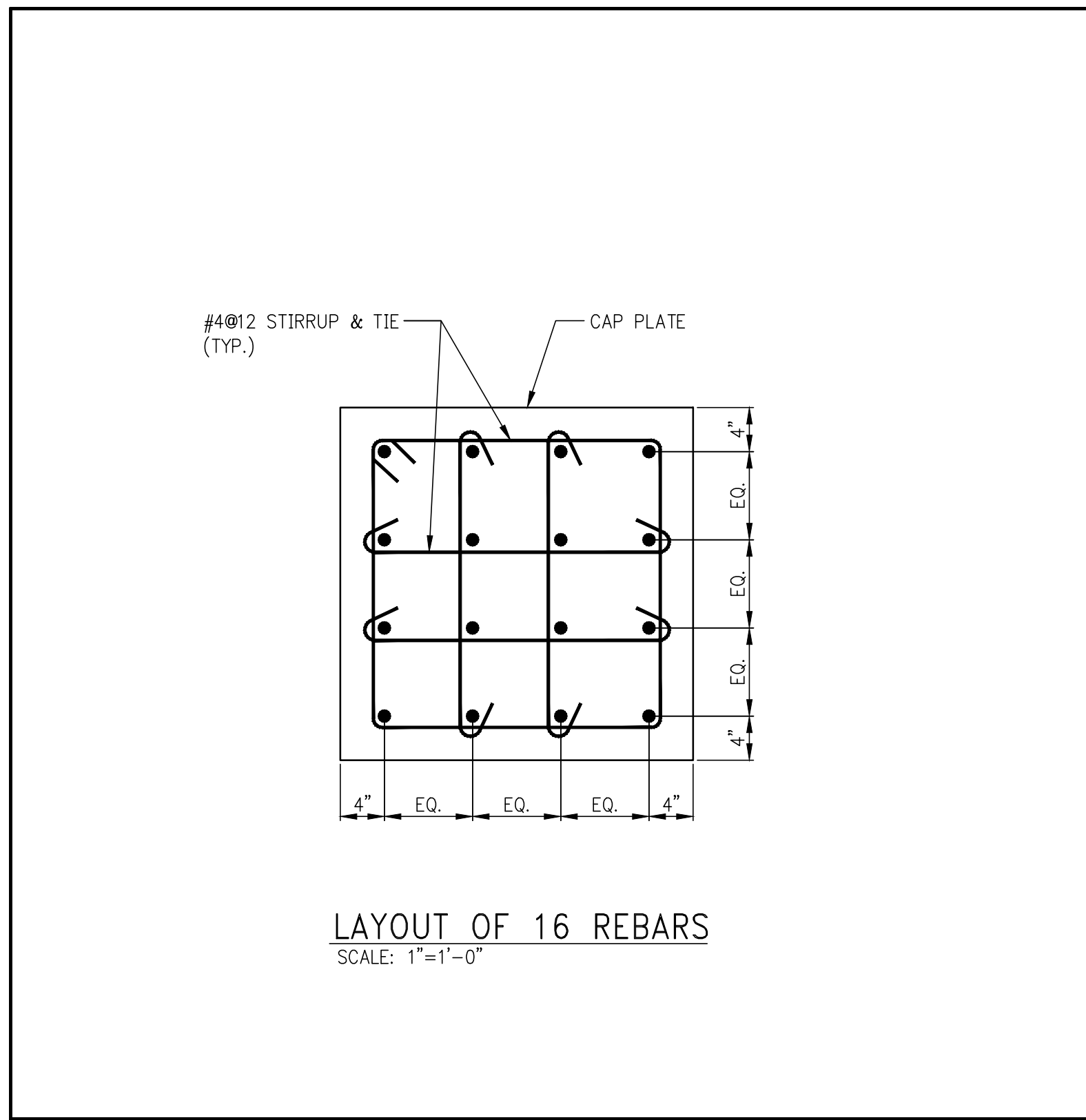
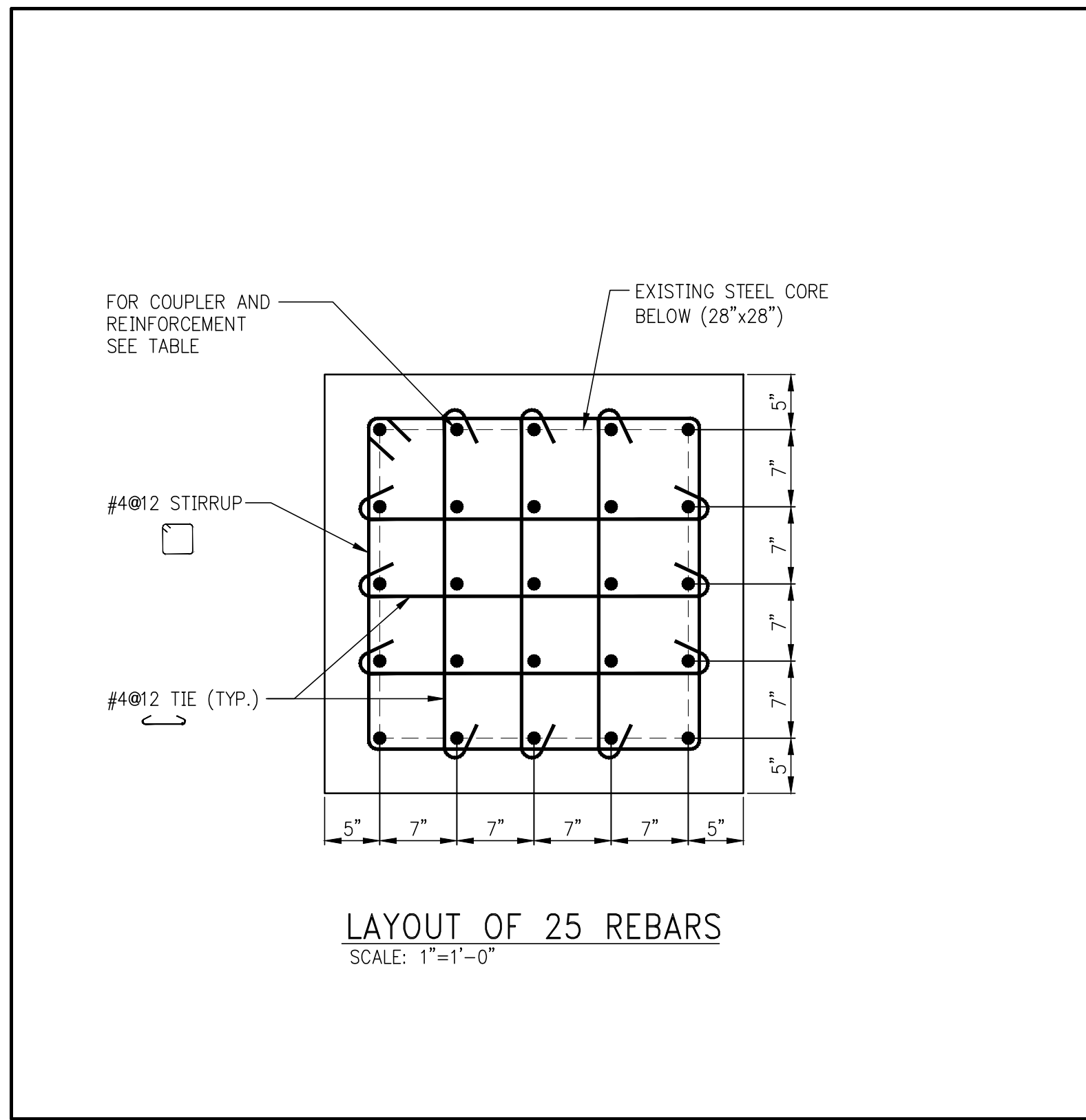
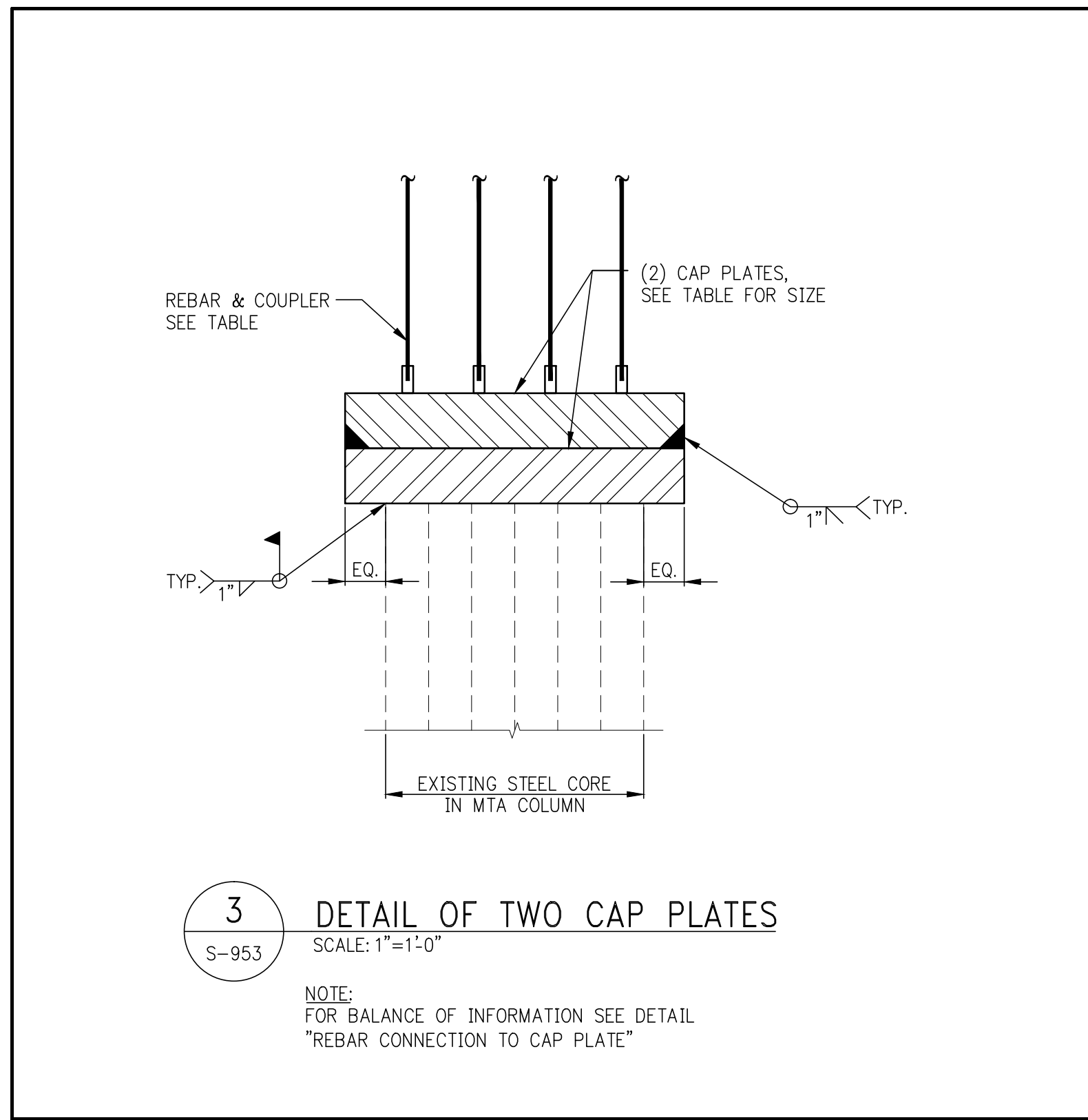
**CONNECTION DETAIL OF NEW BUILDING COLUMNS TO EXISTING MTA COLUMNS**

COLUMN	LOCATION OF CONNECTION	EXISTING STEEL STUB CORE	NEW CAP PLATES	STEEL CORE OR REINFORCEMENT	LENGTH	NO. OF SHEAR STUDS/ROW	DETAIL
A-1	LEVEL 6	PL (4) 4"x24"	26"x18"x2"	8-#11	12'-0"	1	1
A-2	LEVEL 6	PL (6) 4"x24"	30"x30"x5"	14-#18	25'-0"	1	1
B-1	LEVEL 6	PL (6) 4"x24"	26"x26"x2"	8-#11	12'-0"	1	1
B-2	LEVEL 6	PL (8) 4"x30"	32"x34"x4"	12-#18	25'-0"	1	1
C-1	LEVEL 6	PL (6) 4"x24"	26"x26"x4"	12-#18	25'-0"	1	1
C-2	LEVEL 6	PL (6) 4"x24"	26"x26"x4"	PL (6) 4"x24"	26'-0"	8 STUDS @ 8" OC PER ROW	4
D-1	LEVEL 6	PL (4) 4"x24"	26"x18"x4"	8-#18	25'-0"	1	1
D-2	LEVEL 6	PL (7) 4"x28"	(2) 38"x38"x6"	25-#18	25'-0"	1 & 3	1
E-1	LEVEL 6	PL (6) 4"x24"	30"x30"x5"	14-#18	25'-0"	1	1
E-2	LEVEL 6	PL (8) 4"x30"	PL (6) 4"x23"	PL (6) 4"x23"	25'-0"	8 STUDS @ 8" OC PER ROW	5
F-1	LEVEL 6	PL (6) 4"x24"	26"x26"x4"	4-#18	25'-0"	1	1
F-2	LEVEL 6	PL (8) 4"x30"	32"x34"x4"	8-#18	25'-0"	1	1

**NOTES:**  
1. TOP OF EXISTING STEEL STUB CORE AT 2'-0" ABOVE EXISTING FLOOR, V.I.F.  
2. STEEL PLATE SHALL BE GRADE 75 STEEL  
3. #18 REINFORCEMENT SHALL BE GRADE 75 STEEL  
4. #9 AND #11 REINFORCEMENT SHALL BE GRADE 60 STEEL

**CONNECTION DETAIL OF NEW BUILDING COLUMNS TO EXISTING MTA COLUMNS**

COLUMN	LOCATION OF CONNECTION	EXISTING STEEL STUB CORE	NEW CAP PLATES	STEEL CORE OR REINFORCEMENT	LENGTH	NO. OF SHEAR STUDS/ROW	DETAIL
G-1	LEVEL 6	PL (6) 4"x24"	26"x26"x2"	8-#11	12'-0"	1	1
G-2	LEVEL 6	PL (6) 4"x24"	26"x26"x4"	4-#18	25'-0"	1	1
H-4	GROUND LEVEL	PL (7) 4"x28"		PL (6) 4"x28"	27'-0"	18 STUDS @ 8" OC PER ROW	6
H-5	GROUND LEVEL	PL (7) 4"x28"		PL (6) 4"x28"	26'-0"	18 STUDS @ 8" OC PER ROW	6
H-7	GROUND LEVEL	PL (6) 4"x24"		PL (6) 4"x19"	20'-0"	18 STUDS @ 8" OC PER ROW	2
F-3	GROUND LEVEL			8-#9	12'-0"	1	1
F-4	GROUND LEVEL	PL (6) 4"x24"	(2) 32"x32"x5"	14-#18	25'-0"	1 & 3	1
F-5	GROUND LEVEL	PL (6) 4"x24"	(2) 32"x32"x5"	16-#18	25'-0"	1 & 3	1
F-7	GROUND LEVEL	PL (6) 4"x24"	30"x30"x5"	14-#18	25'-0"	1	1
G-3	GROUND LEVEL	PL (4) 4"x24"	26"x18"x2"	8-#9	12'-0"	1	1
G-4	GROUND LEVEL	PL (6) 4"x24"	26"x26"x2"	8-#11	12'-0"	1	1
G-5	GROUND LEVEL	PL (6) 4"x24"	24"x24"x2"	8-#11	12'-0"	1	1
G-7	GROUND LEVEL	PL (6) 4"x24"	24"x24"x2"	8-#9	12'-0"	1	1



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4	D.O.B. BUILDING PERMIT	05/01/2015
3	FILING	14/17/2015
2	100% CONSTRUCTION	04/03/2015
1	DOCUMENTS	10/21/2014

No.	Description	Date
1	Drawings	



55 HUDSON YARDS

Address  
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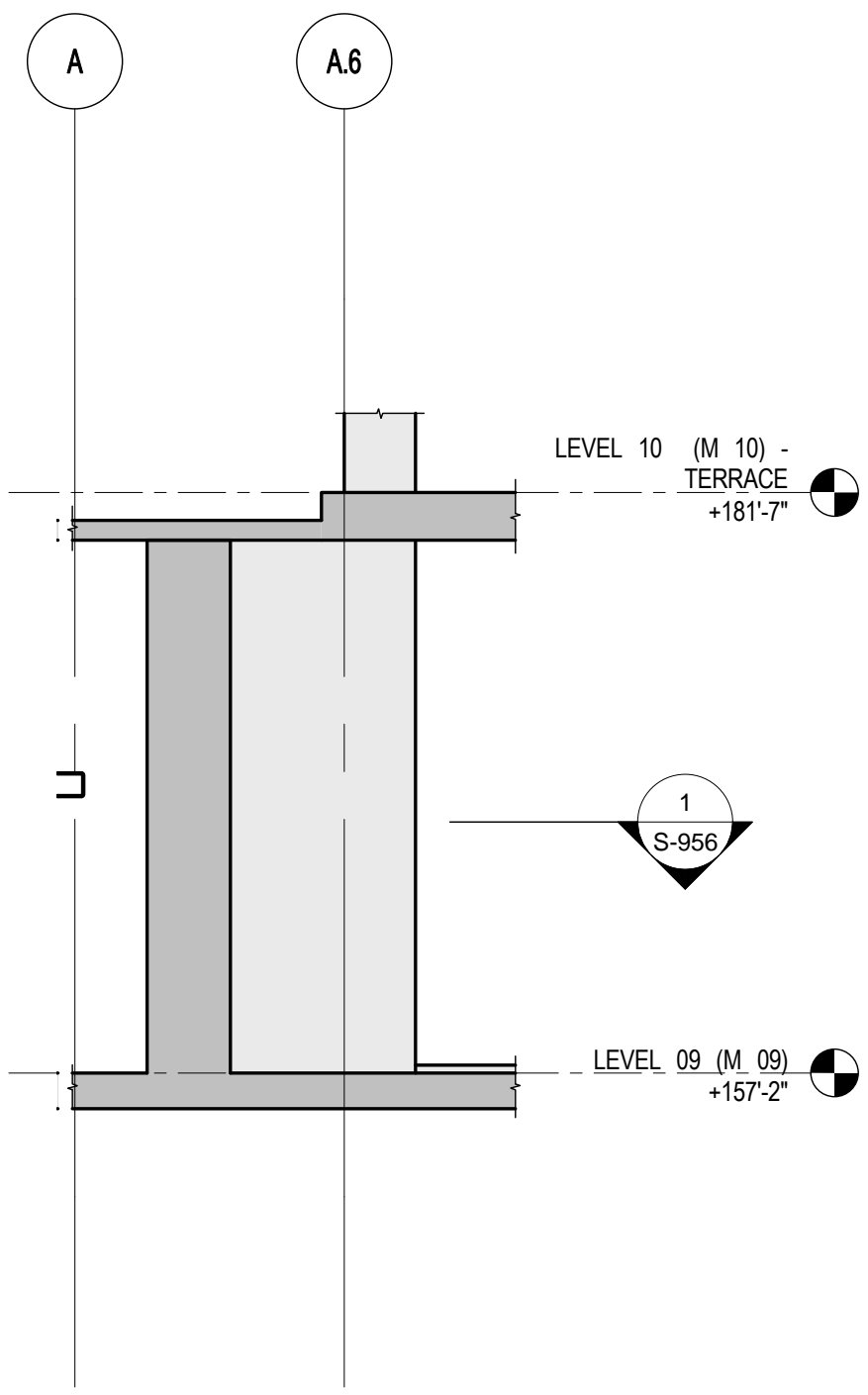
Structural Engineer

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228 East 45th Street, 3rd Floor  
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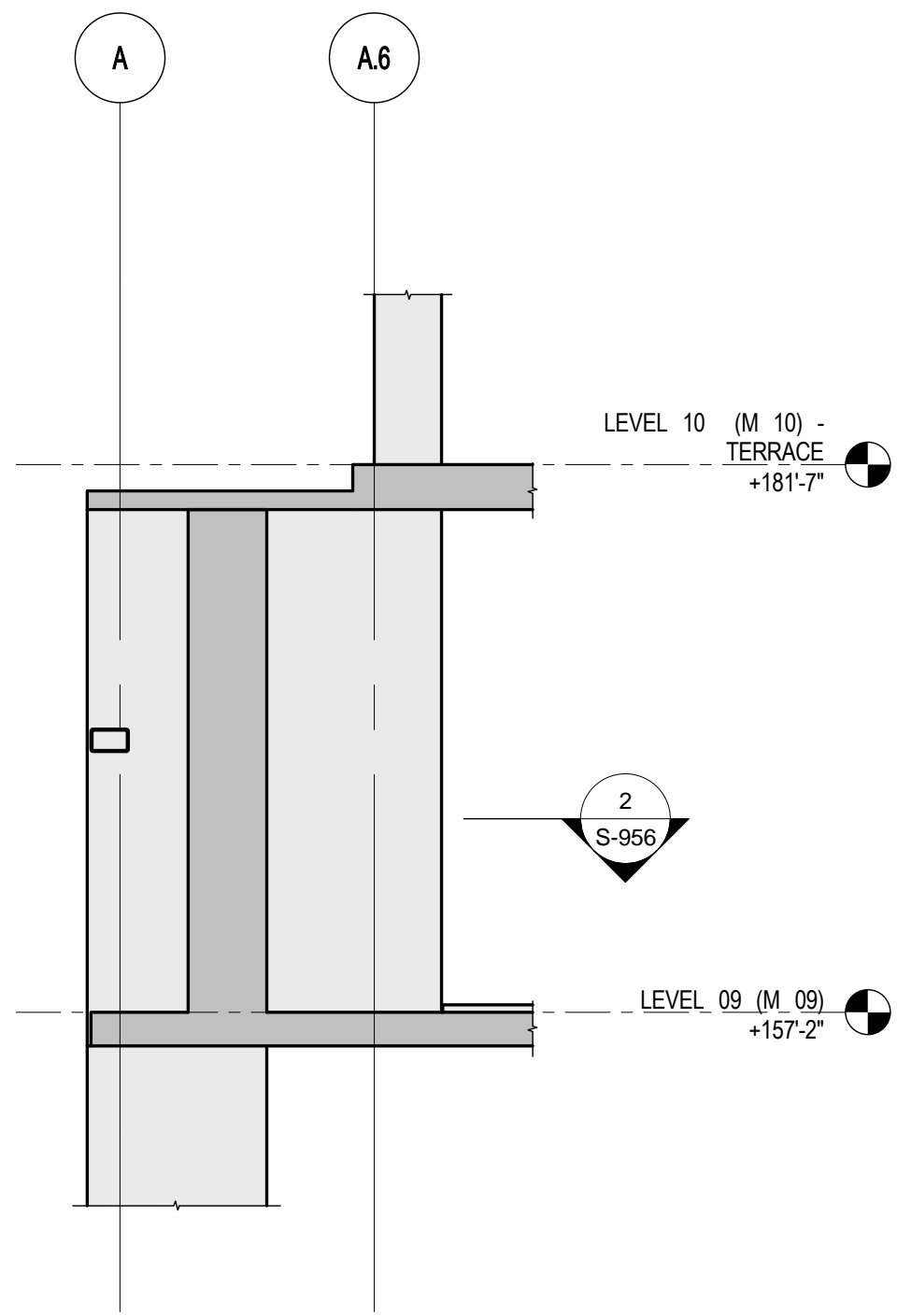
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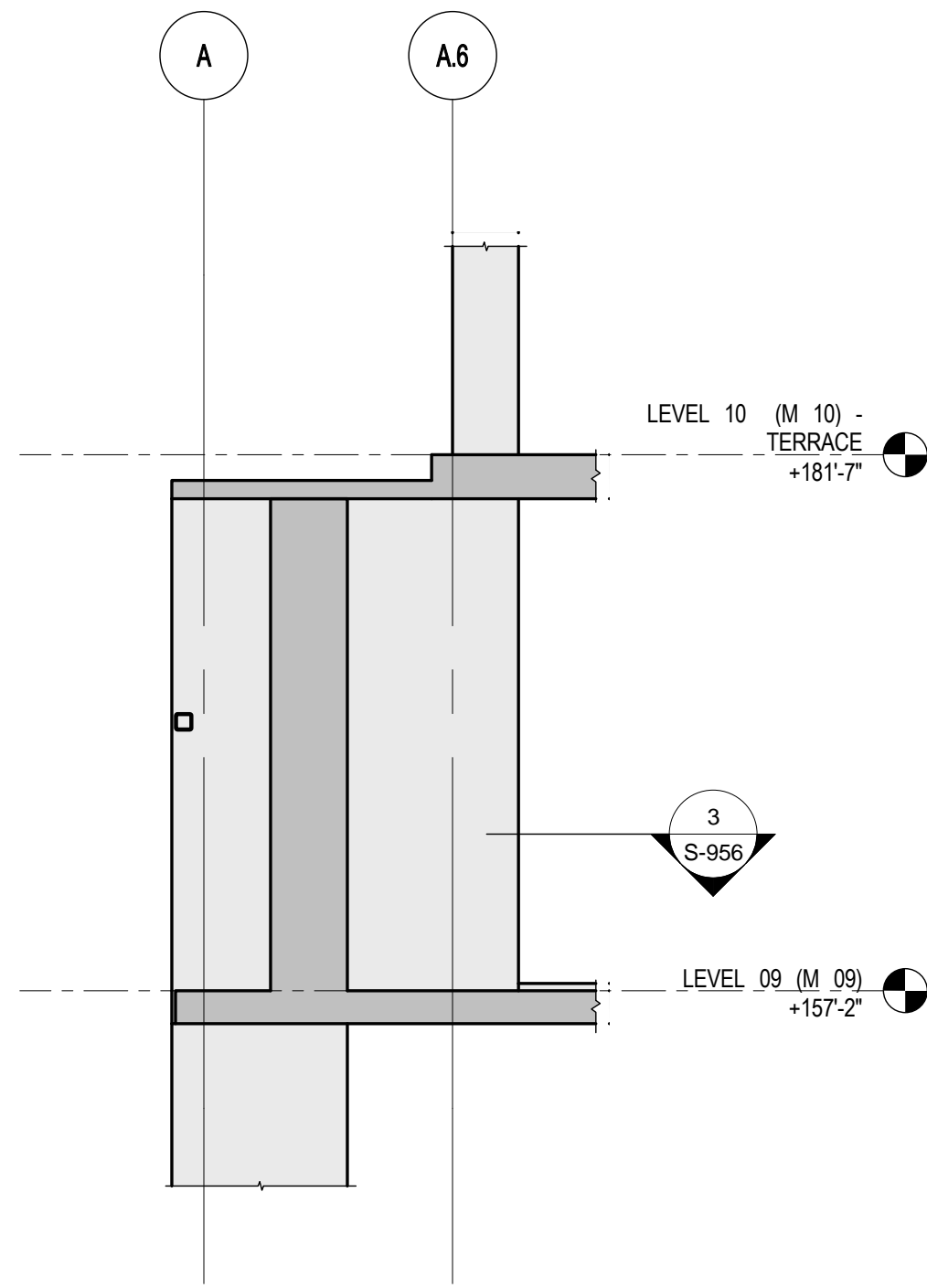
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New York, NY 10018  
Tel: 212.532.9600



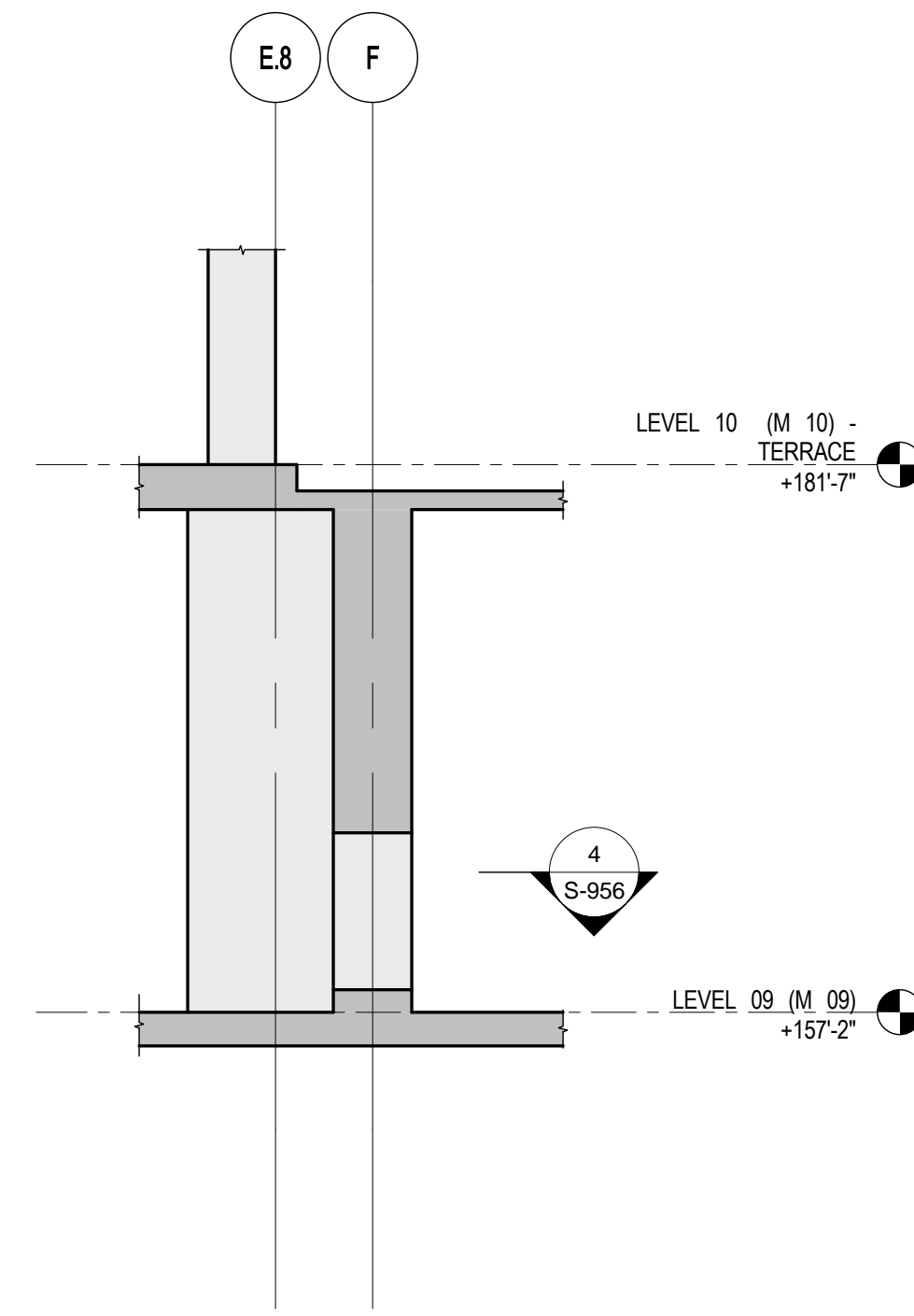
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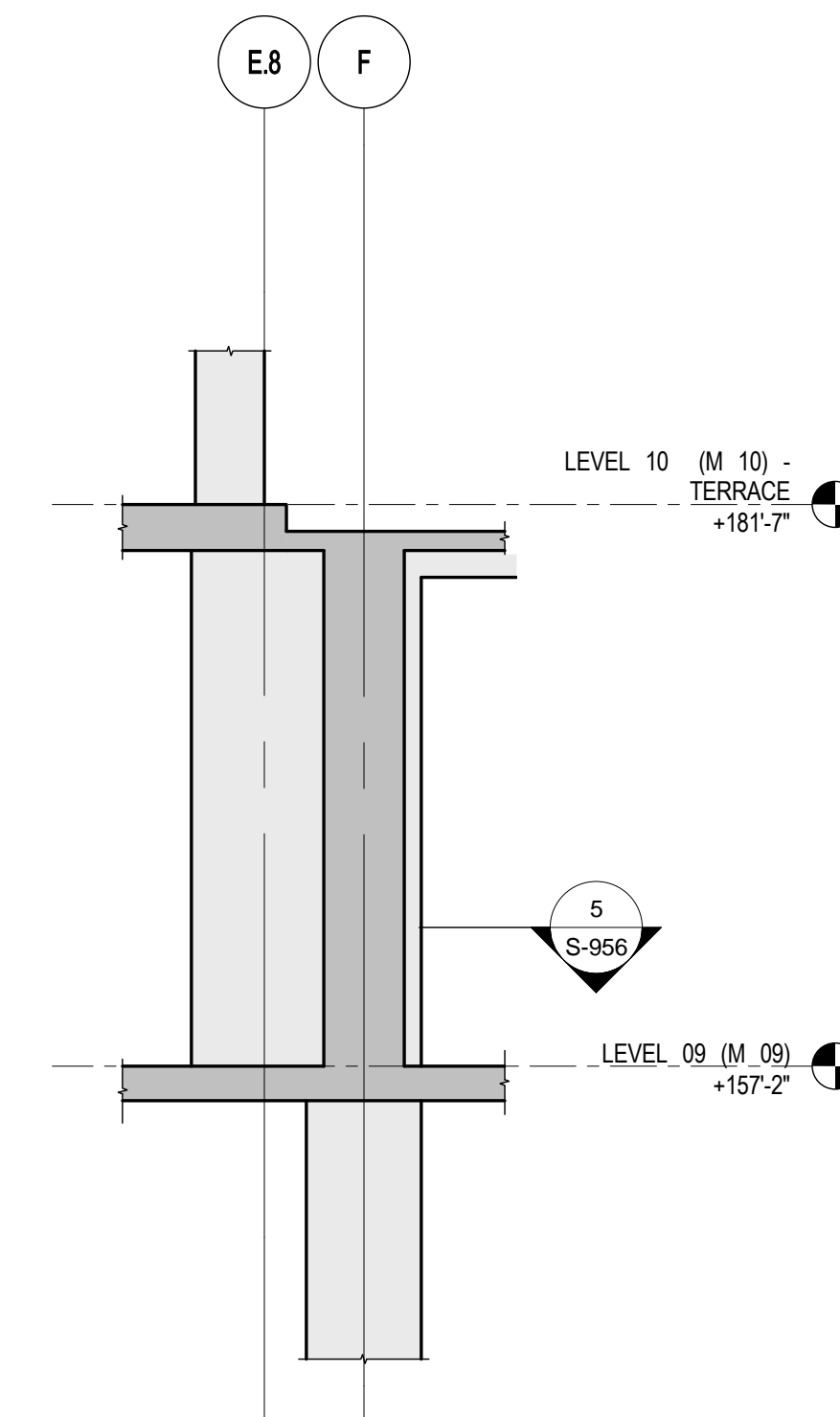
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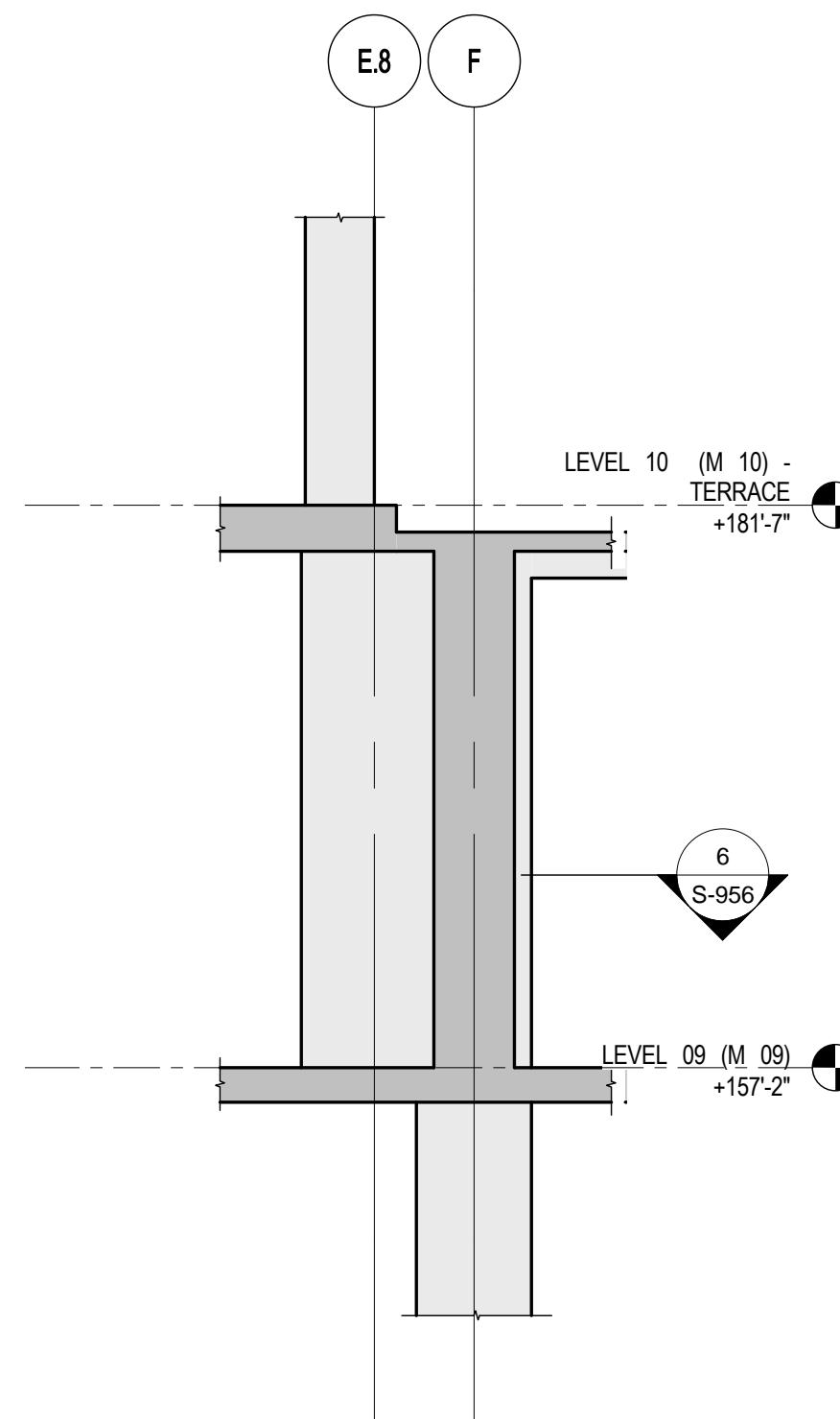
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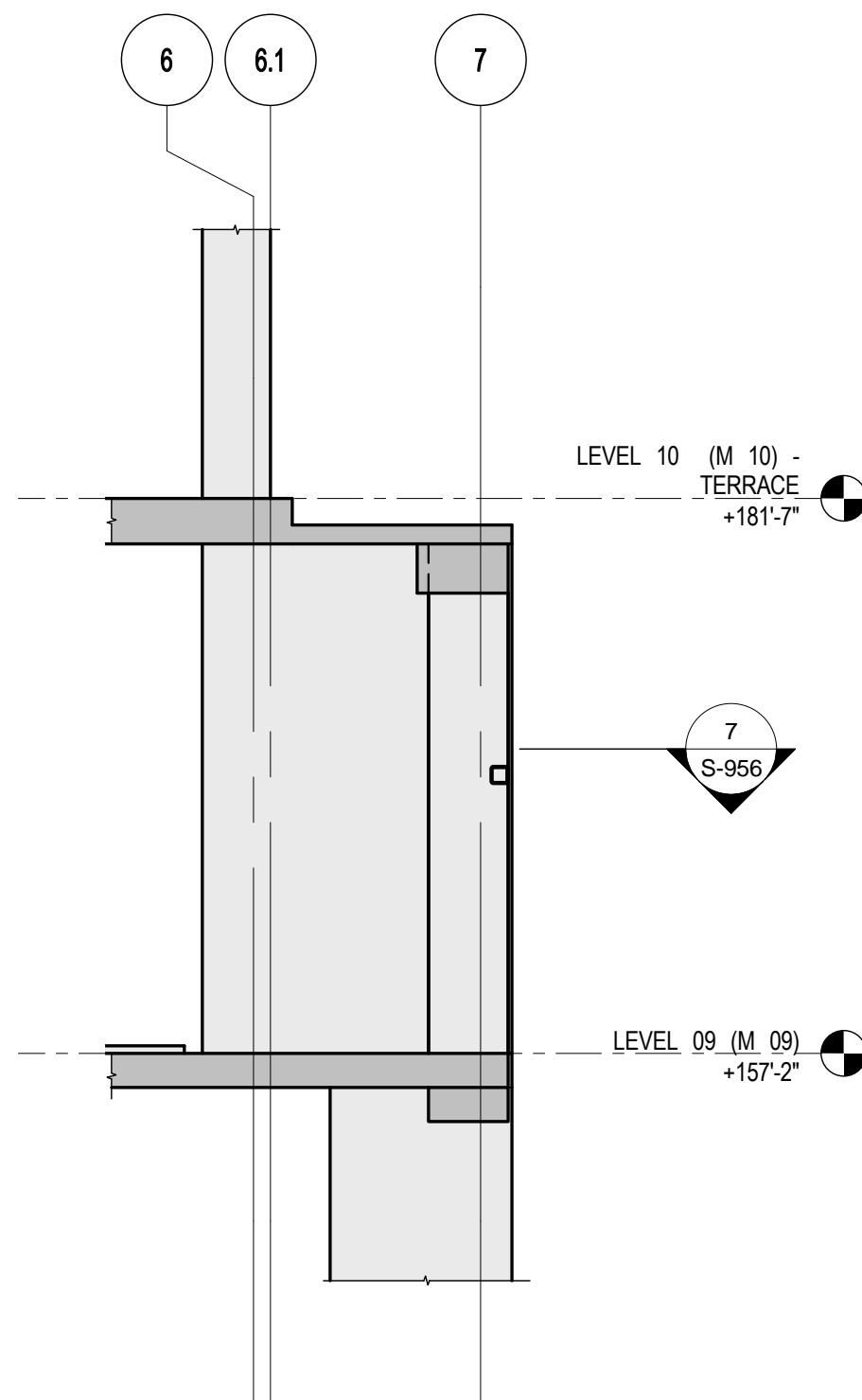
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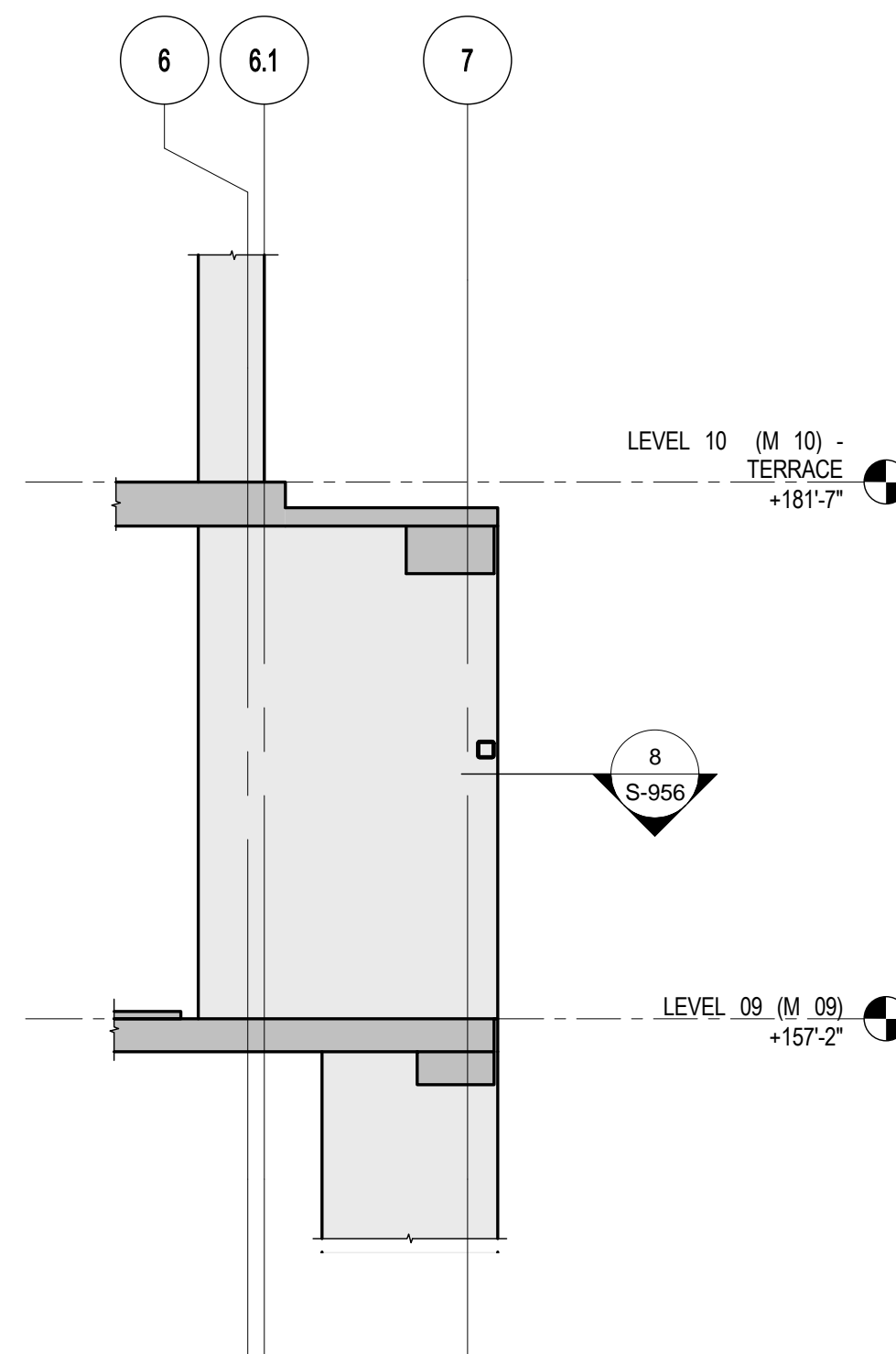
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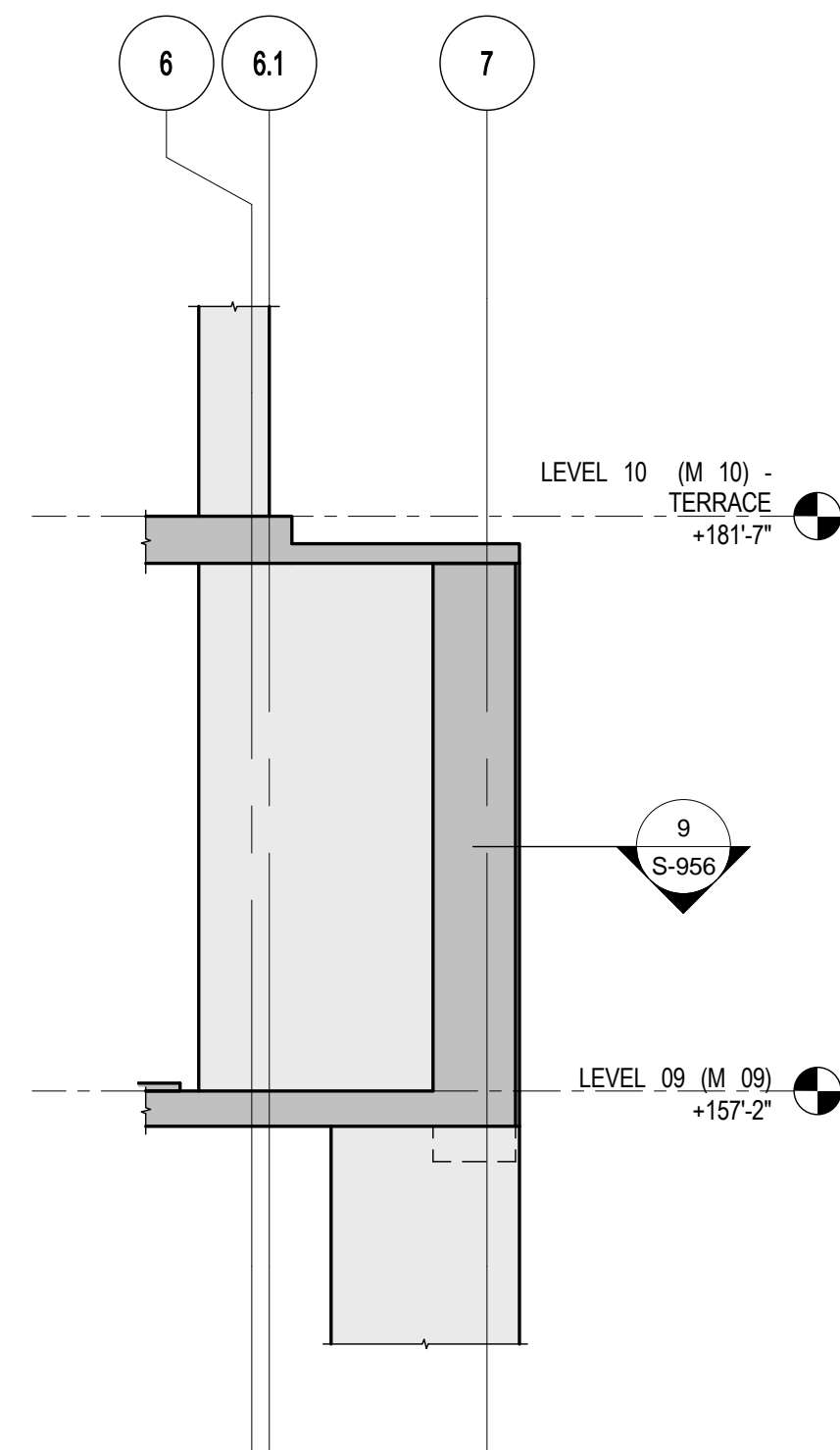
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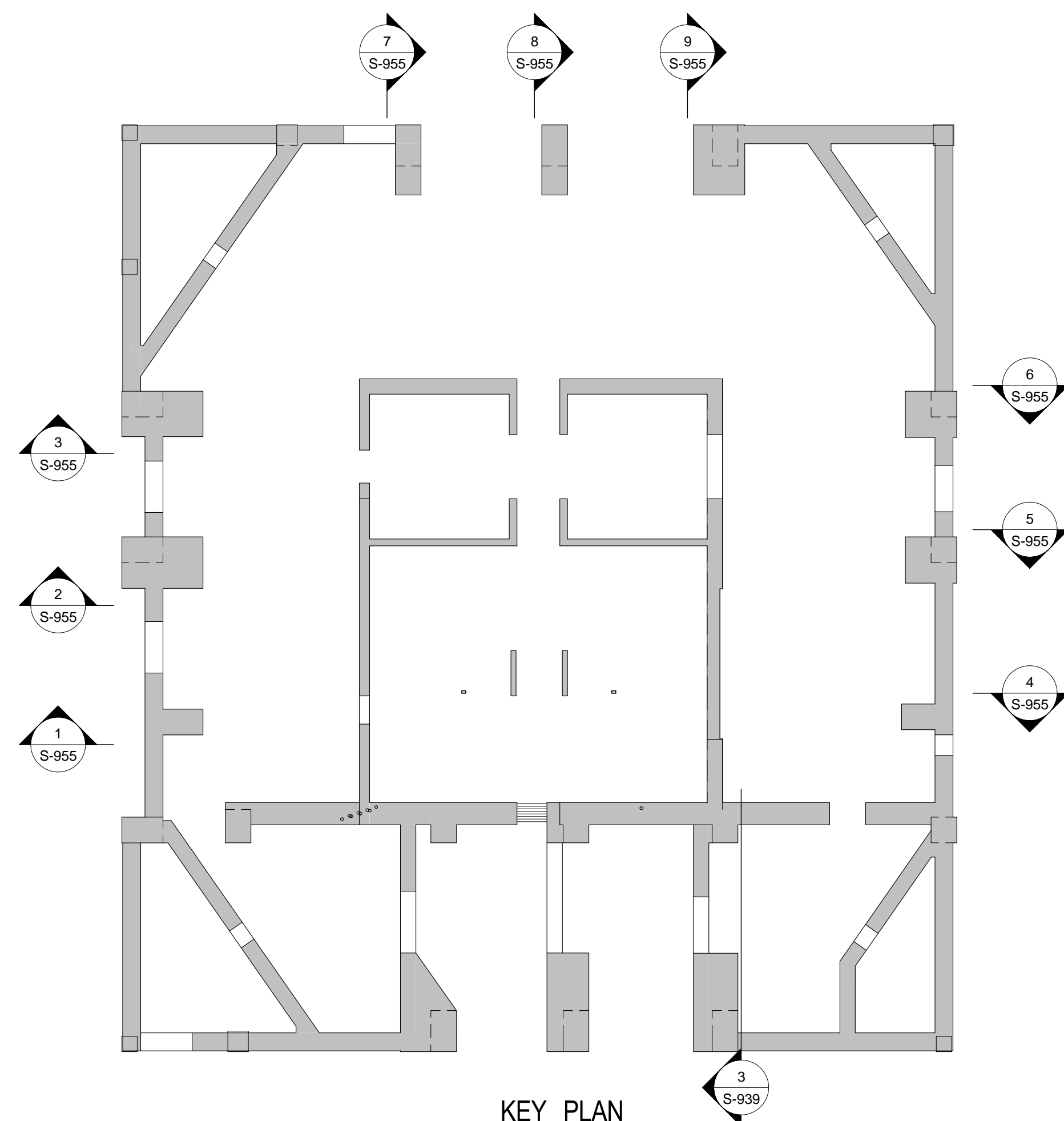
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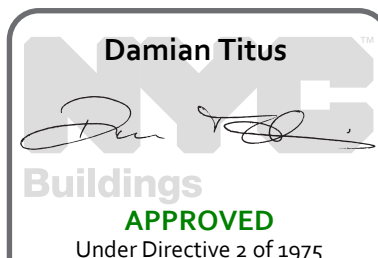
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9 COLUMN ELEVATION  
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NOTES:  
1. PROVIDE CLASS B TENSION LAP SPICE OR PLUS TENSION MECHANICAL SPICE FOR ALL WALL/COLUMN REINFORCEMENT.  
2. PROVIDE U-BARS AT TOP AND BOTTOM OF WALLS. PROVIDE U-BARS TO MATCH WALL VERTICAL REINFORCEMENT.  
3. PROVIDE U BARS AT ENDS OF WALL HORIZONTAL BARS U-BARS TO MATCH WALL REINFORCEMENT.  
4. DONELS TO MATCH COLUMN/WALL ABOVE REINF.



Issue Date: 04/03/2015  
Project No: 1305480  
Drawn By: CADD  
Sheet Number: 1305480-S-955

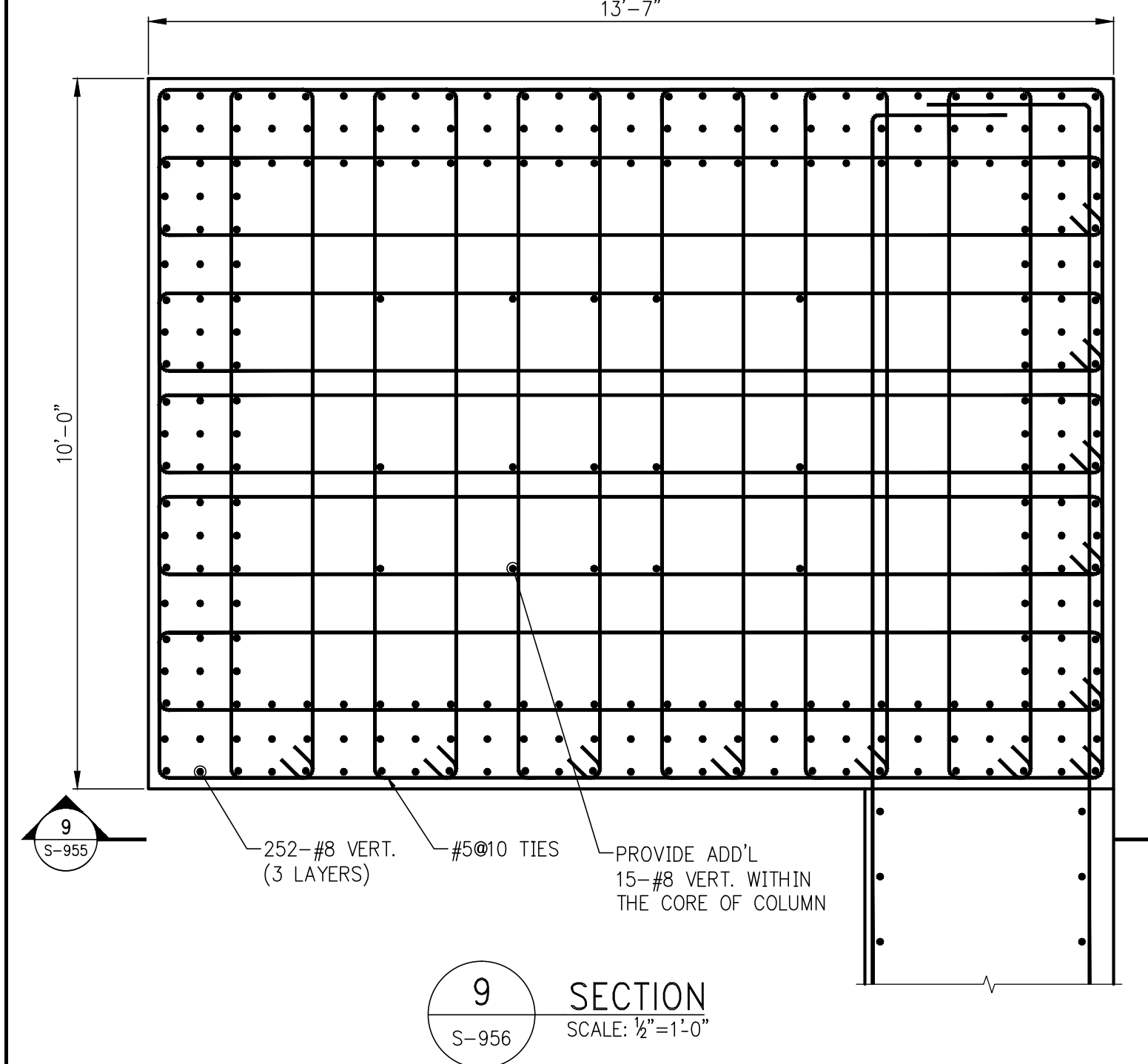
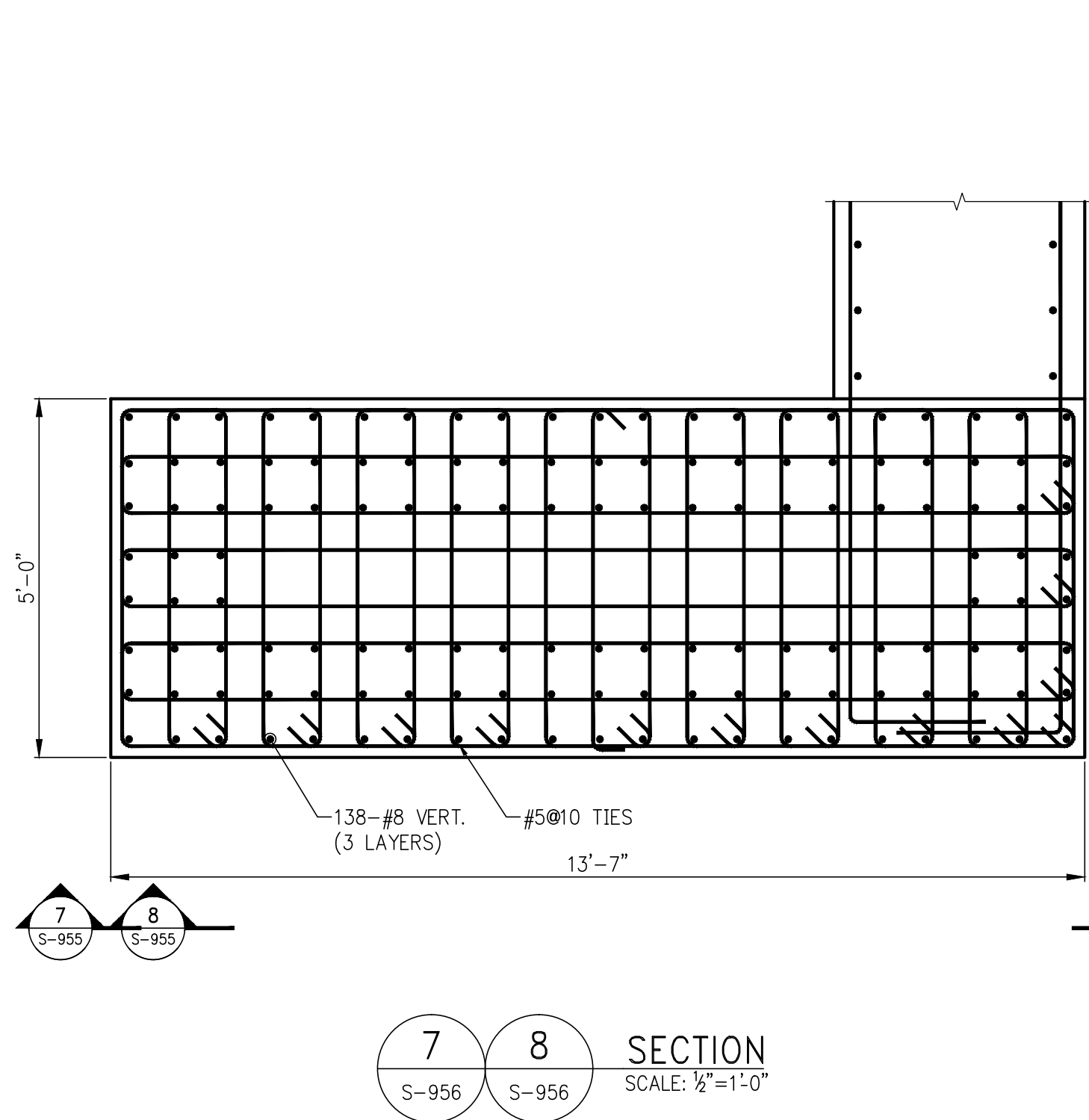
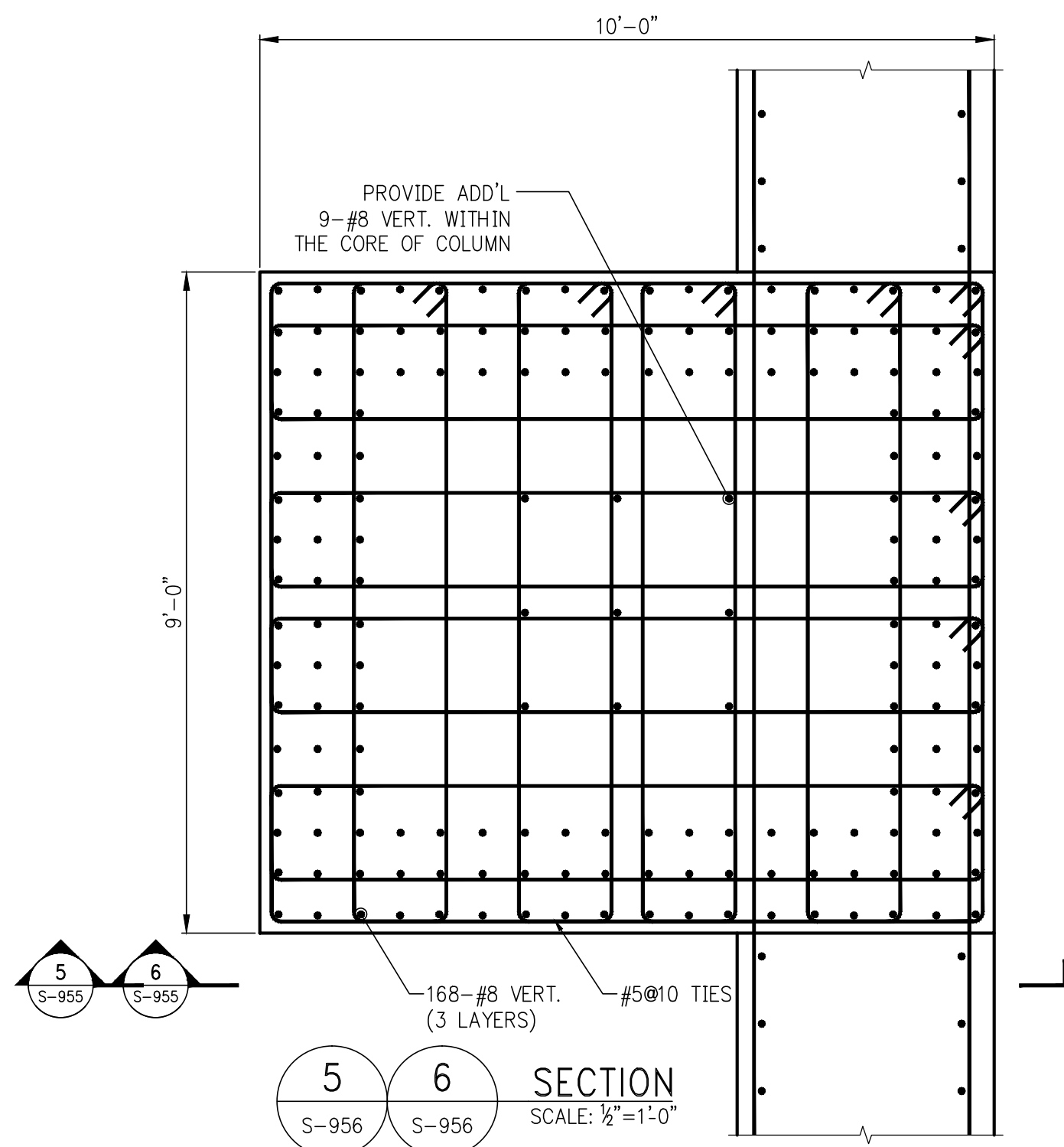
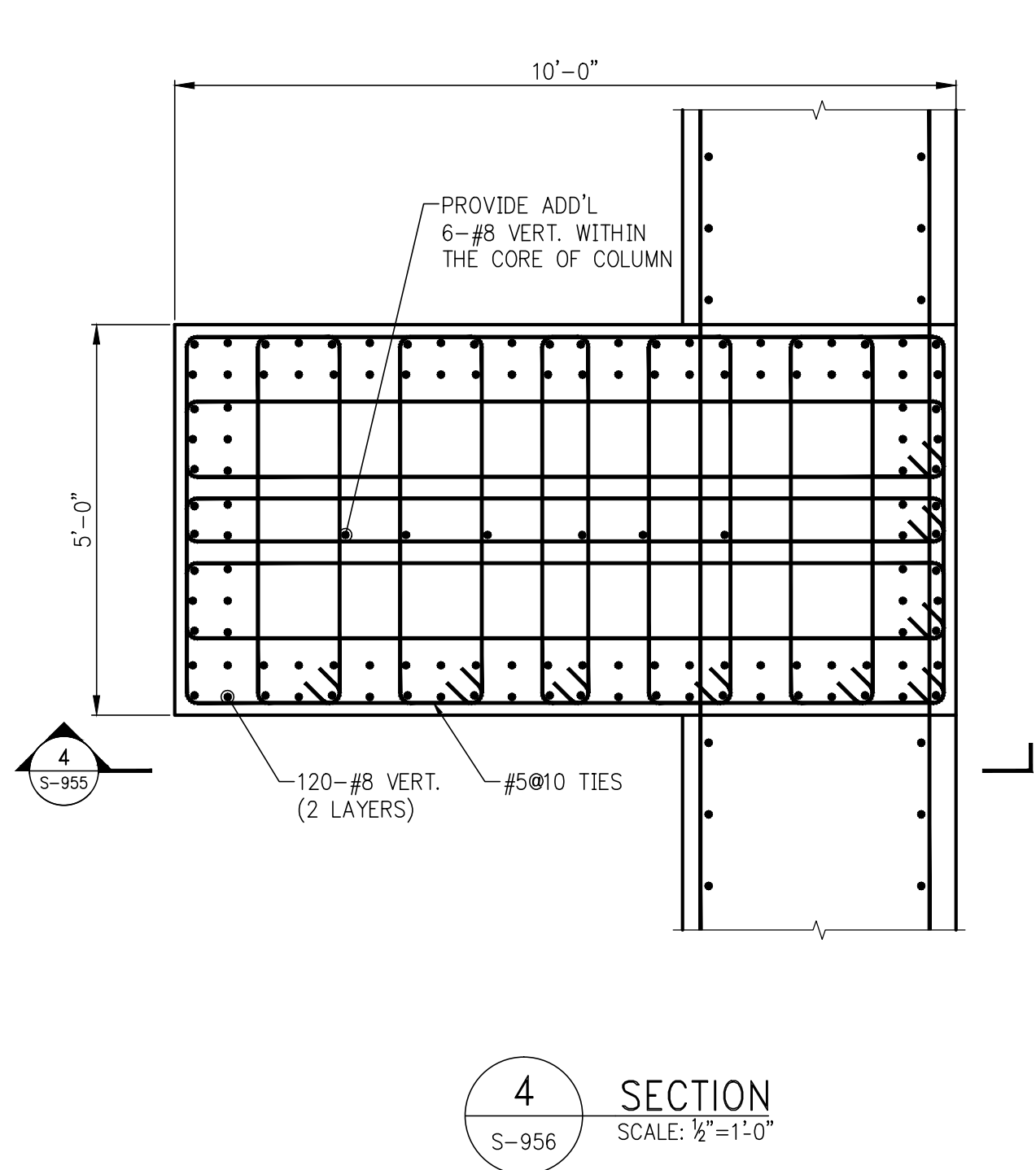
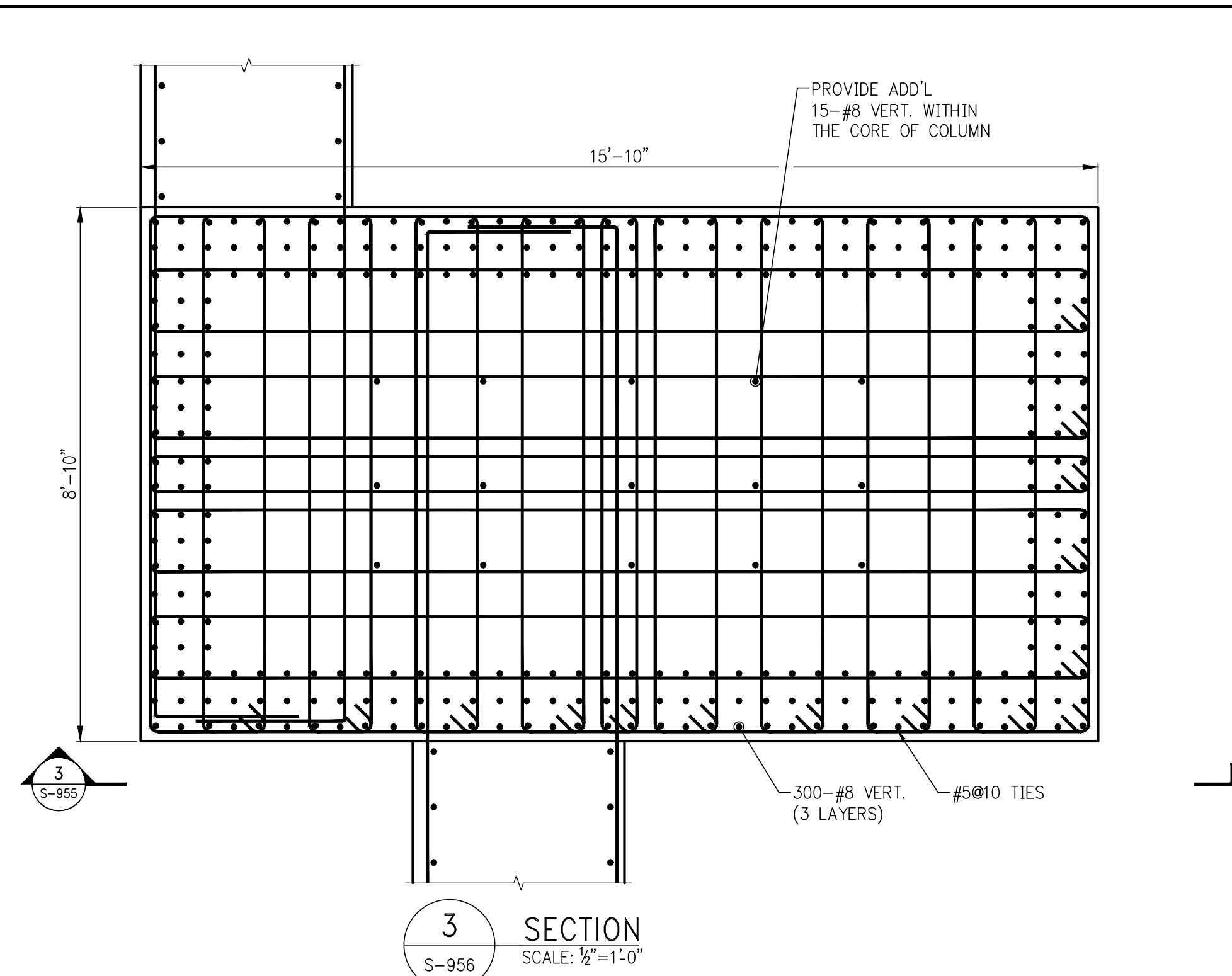
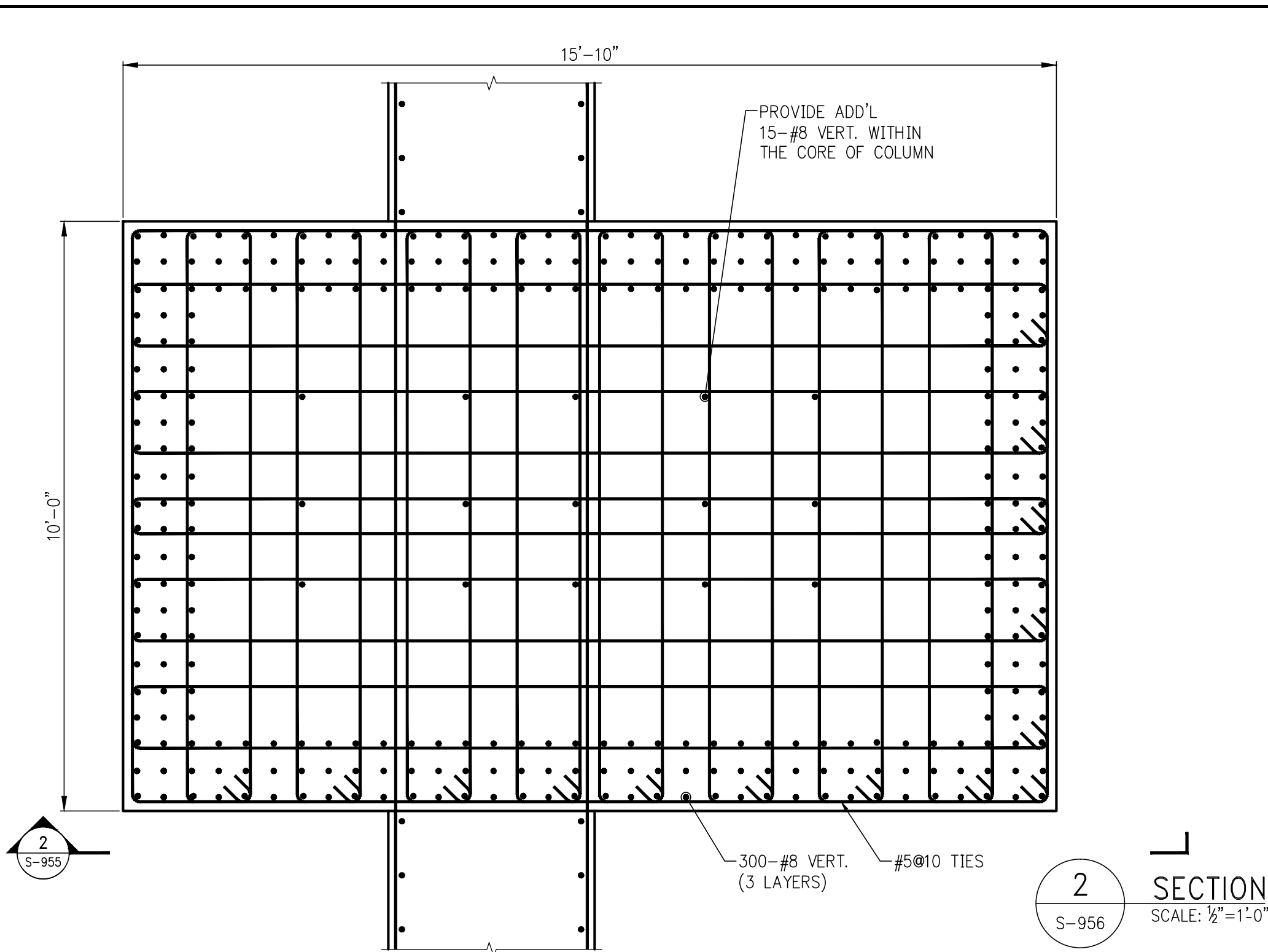
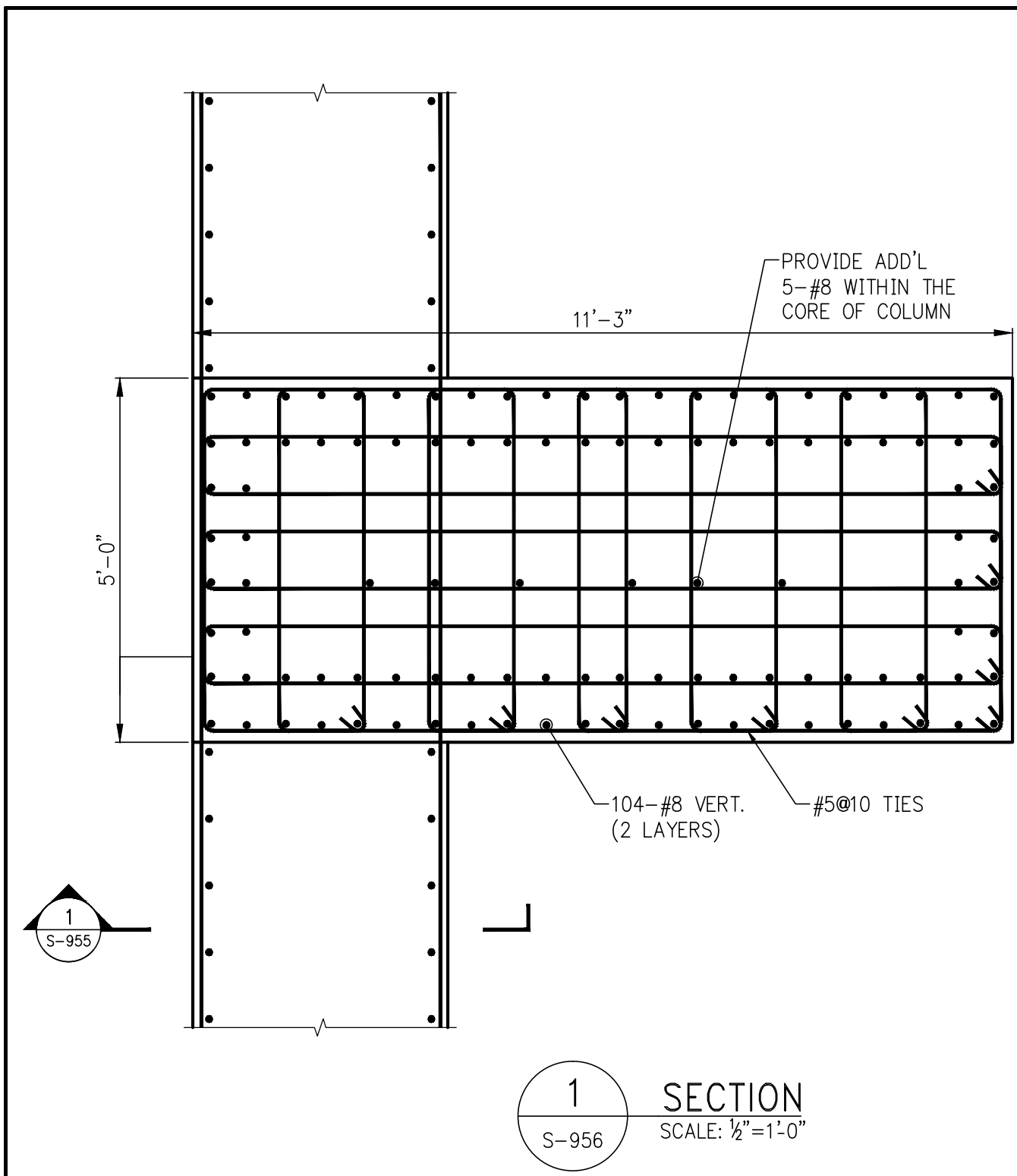
Division File

TRANSFER COLUMN  
DETAILS

Division Number

S-955.01





NOTE: DETAILS 1/S-956 TO 9/S-956 SHOULD BE READ IN CONJUNCTION TO DETAIL 1/S-957.

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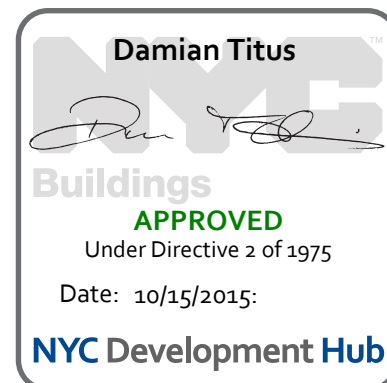
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No.	Description	Date
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Key Plan



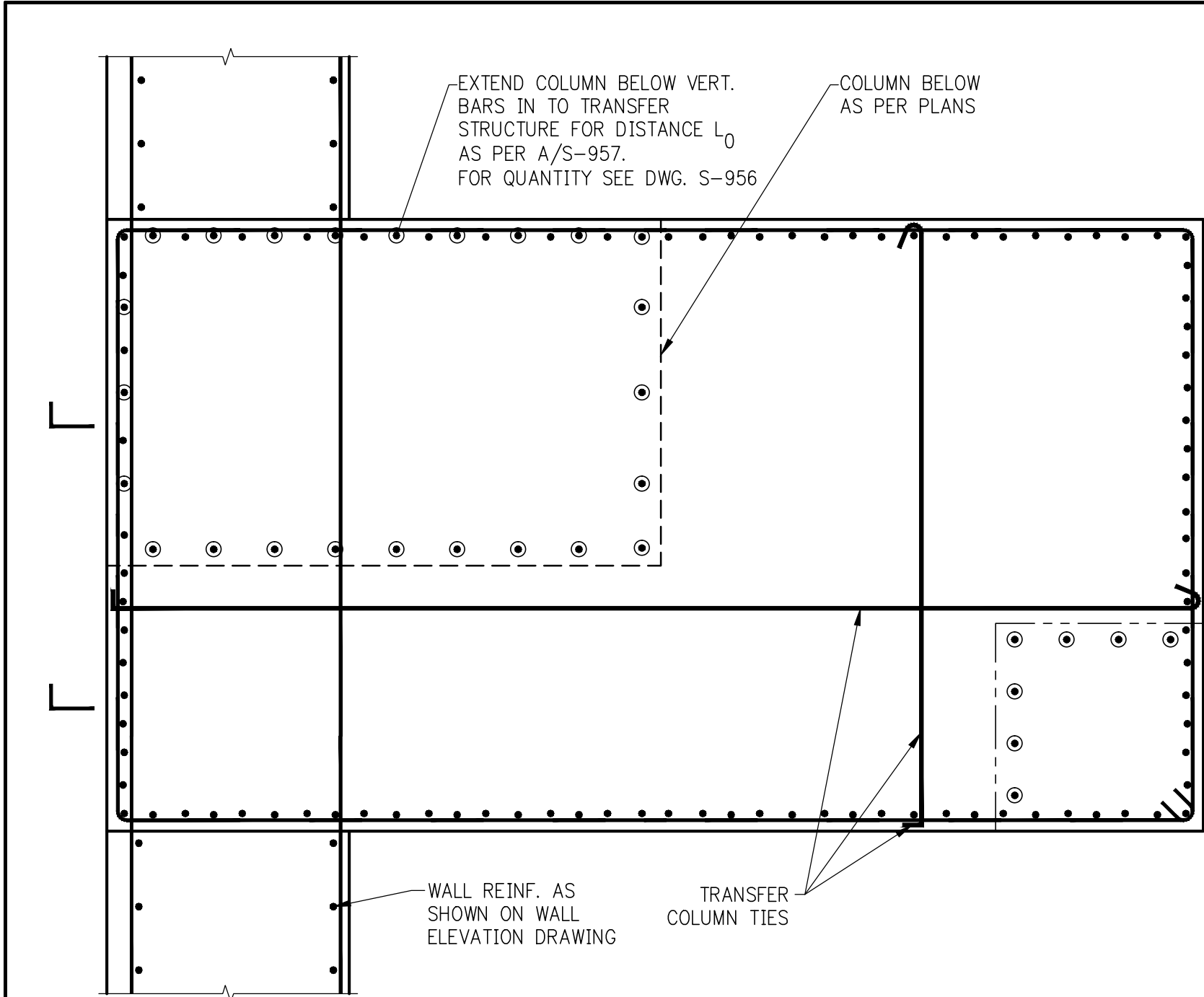
Issue Date: 04/03/2015  
Project No: 1305480  
Revision No: CADD  
Sheet Number:

Drawing Title

TRANSFER COLUMNS  
REINFORCEMENT

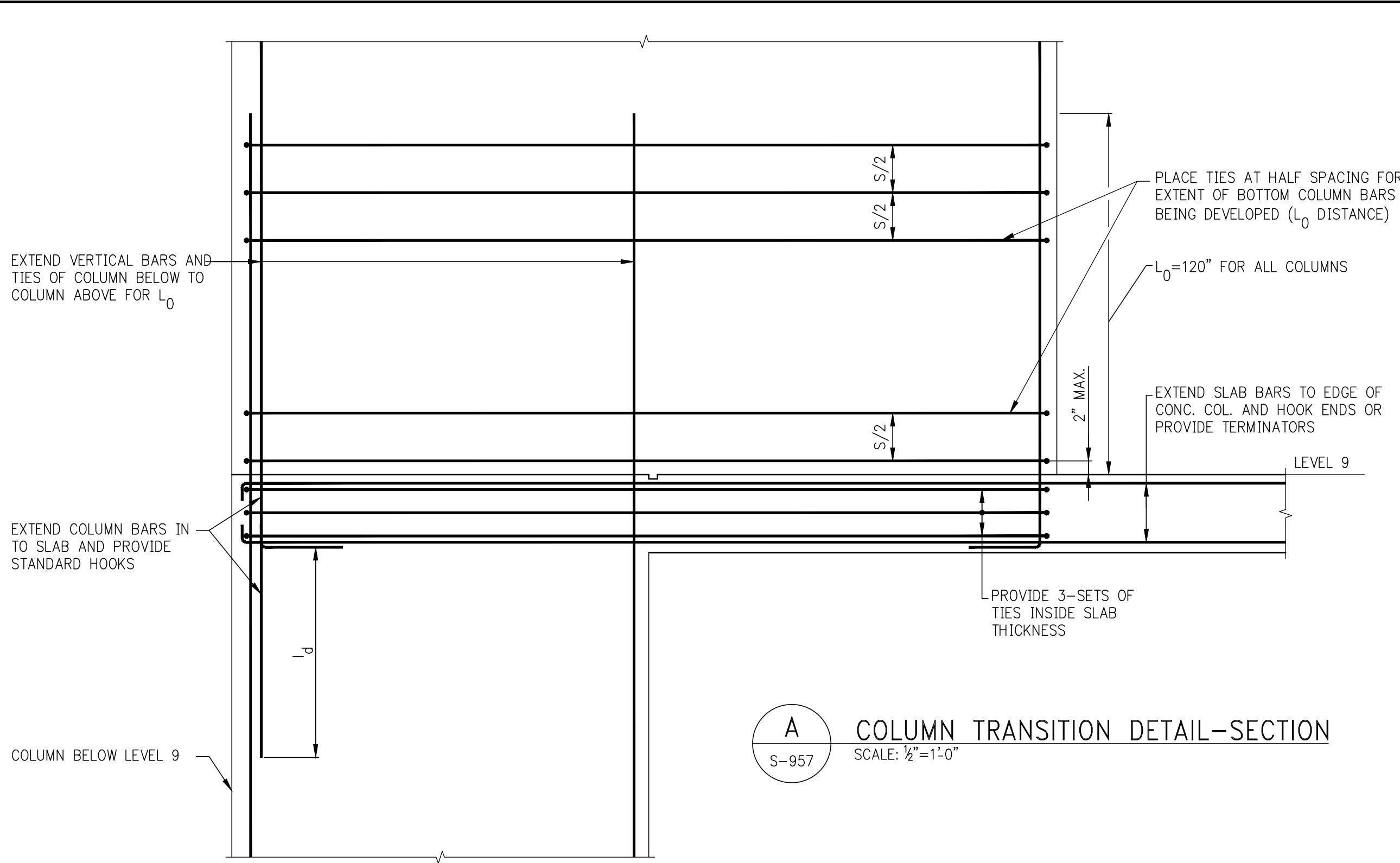
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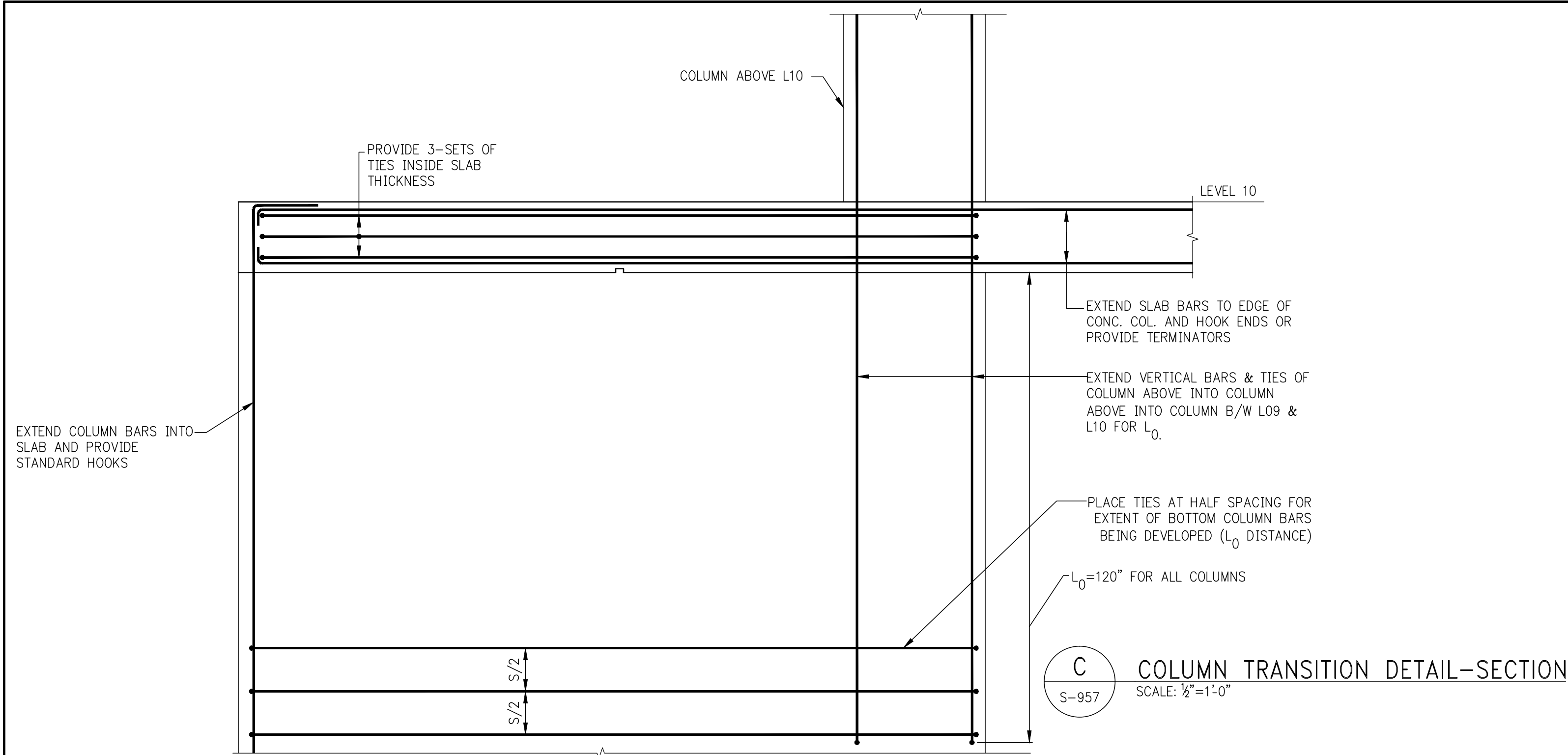
COLUMN TRANSITION DETAIL - PLAN

NOTE: REINF. SHOWN ARE ONLY INDICATIVE. VERTICAL REINFORCEMENT ARRANGEMENT AND TIES CONFIGURATION NOT SHOWN FOR CLARITY



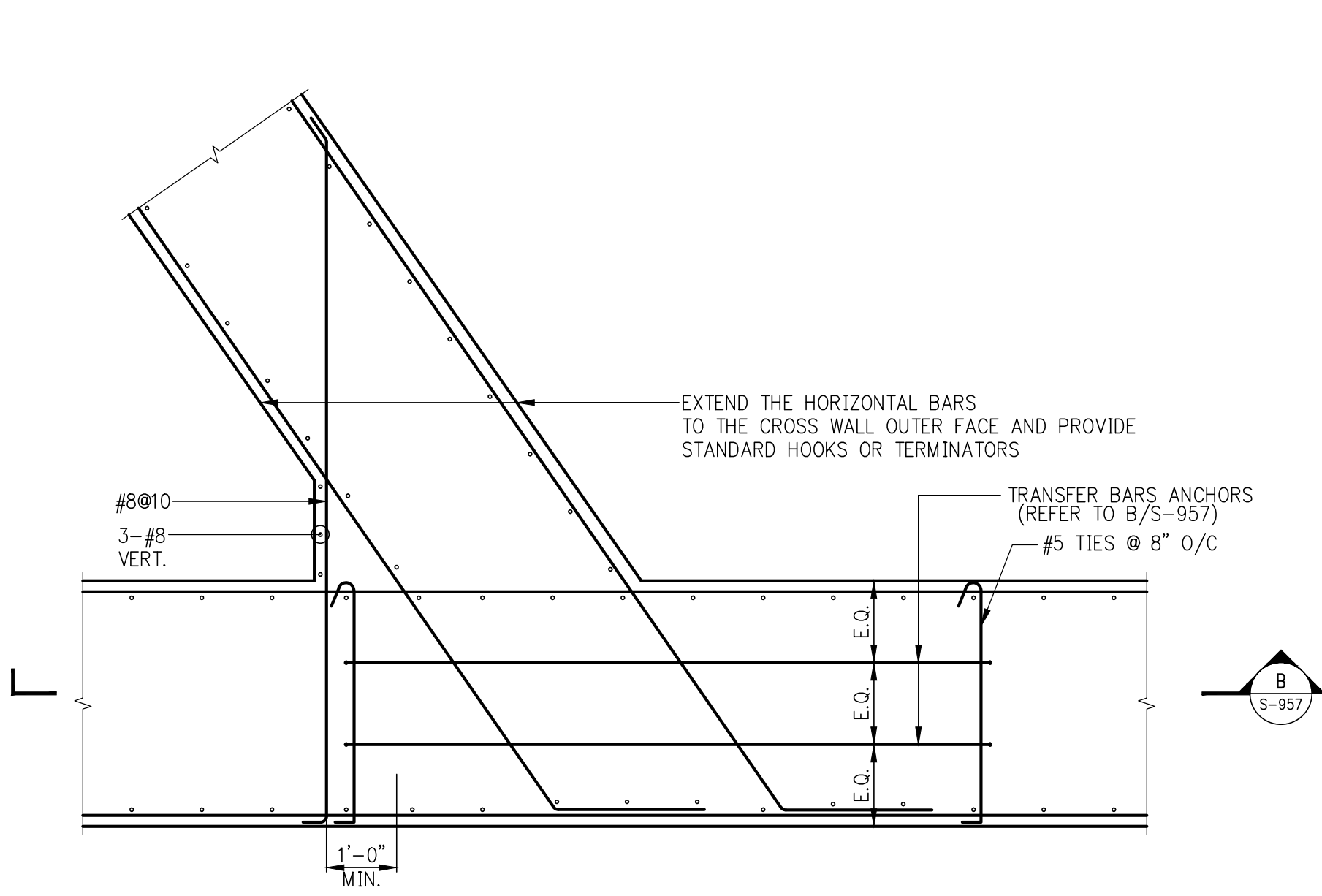
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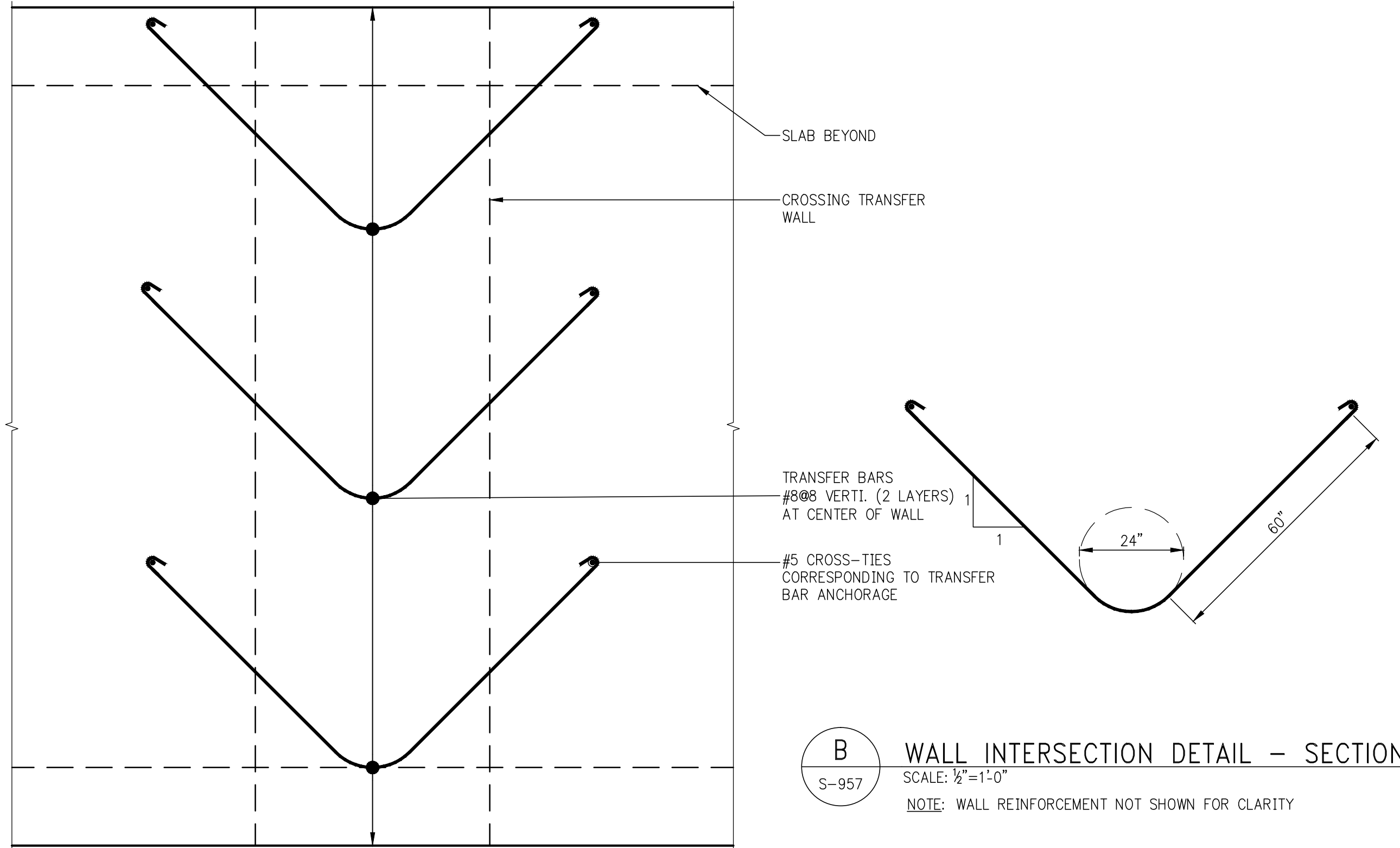
COLUMN TRANSITION DETAIL-SECTION

SCALE: 1/2"=1'-0"



COLUMN TRANSITION DETAIL - PLAN

NOTE: REINF. SHOWN ARE ONLY INDICATIVE. VERTICAL REINFORCEMENT ARRANGEMENT AND TIES CONFIGURATION NOT SHOWN FOR CLARITY



WALL INTERSECTION DETAIL - SECTION

SCALE: 1/2"=1'-0"

NOTE: WALL REINFORCEMENT NOT SHOWN FOR CLARITY

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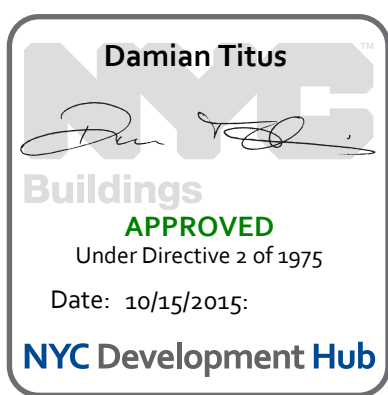
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Key Plan



Issue Date: 04/03/2015  
Project No: 1305480  
Revision No: CADD  
Sheet Number

Drawing Title

TRANSFER COLUMNS  
TYPICAL DETAILS

S-957.00

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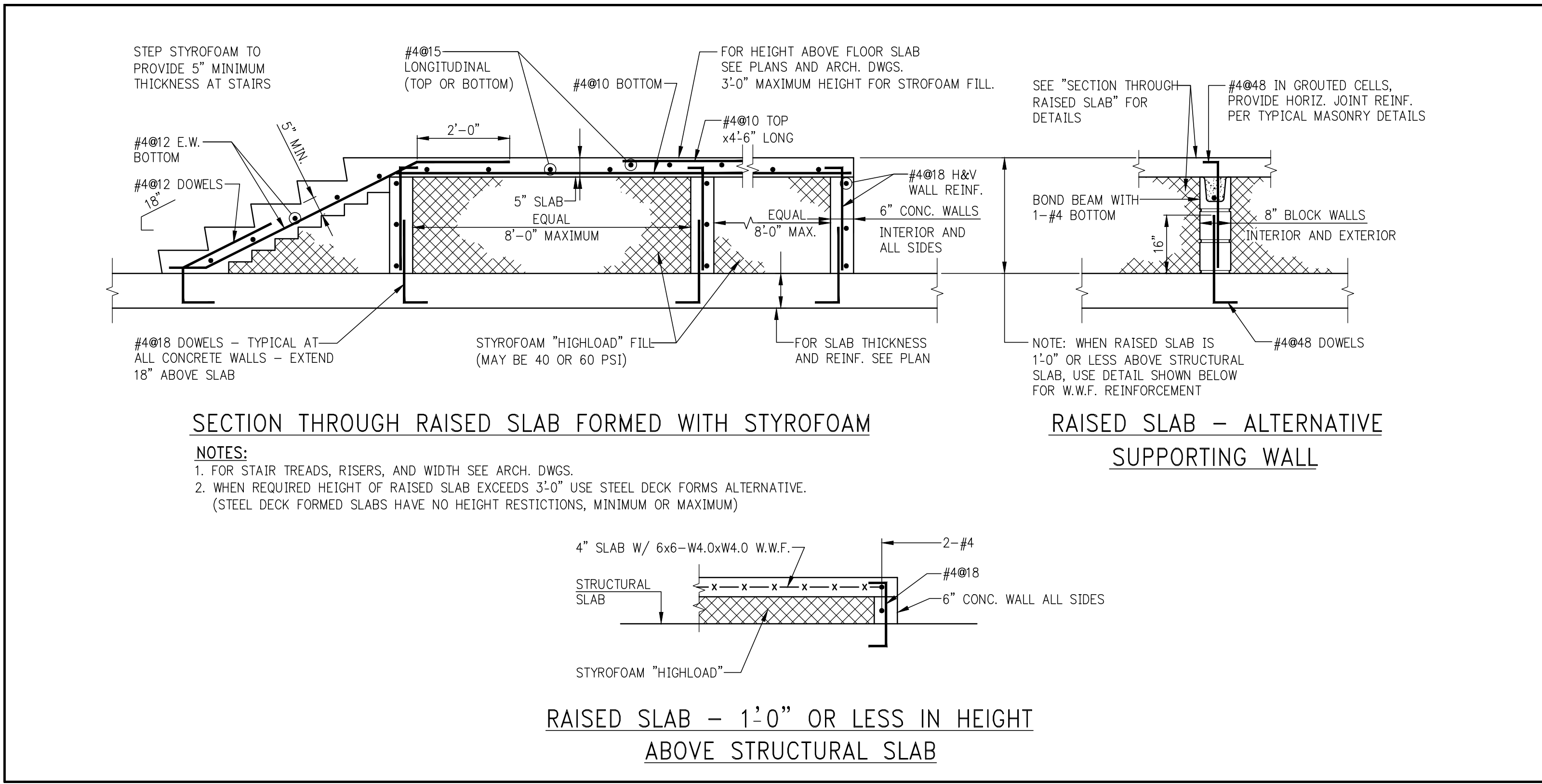
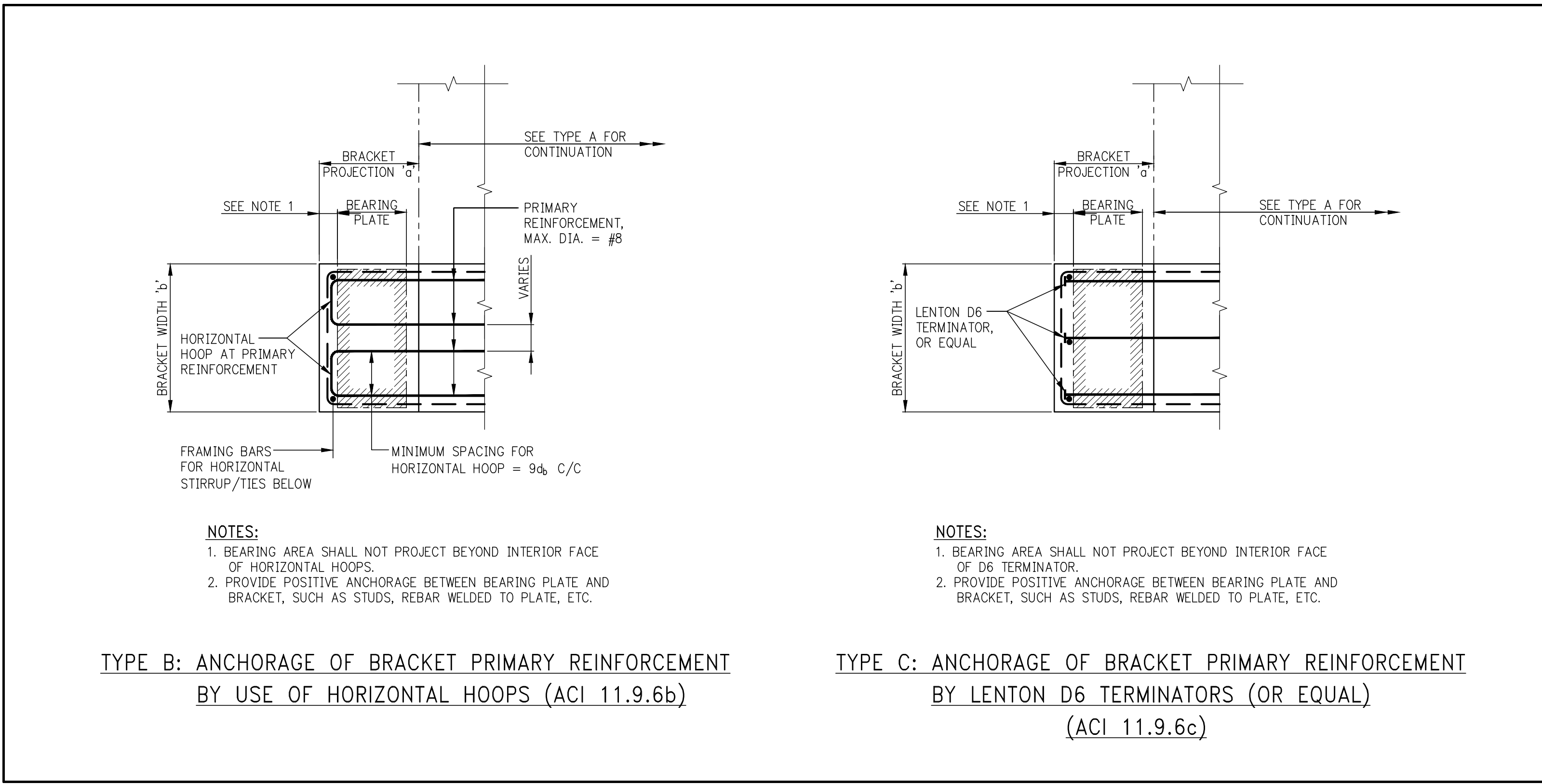




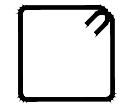










SPANDREL BEAM SCHEDULE											
BEAM MARK	SIZE		REINFORCEMENT			STIRRUPS			REMARKS		
	FLOOR	WIDTH	DEPTH	BOTTOM CONTINUOUS	TOP CONTINUOUS	SIDE BARS EACH SIDE	TYPE	SIZE		SPACING SFT FROM OTHER COL. FACE WISE	
SB1	11" - 18"	48	30	8-#9	8-#9	3-#6	2	#4	06	012	
	19" - 24"	48	30	8-#9	8-#9	3-#6	2	#4	06	012	
	25" - 30"	48	30	8-#9	8-#9	3-#6	2	#4	06	012	
	31" - 36"	48	30	8-#9	8-#9	3-#6	2	#4	06	012	
	37" - 44"	48	30	8-#9	8-#9	3-#6	2	#4	06	012	
	45" - ROOF	48	30	6-#9	6-#9	3-#6	2	#4	06	012	
SB2	11" - 18"	48	30	8-#9	8-#9	3-#6	2	#4	06	012	
	19" - 24"	48	30	14-#9 (2 LAYERS)	14-#9 (2 LAYERS)	3-#6	2	#5	06	012	
	25" - 30"	48	30	13-#9 (2 LAYERS)	13-#9 (2 LAYERS)	3-#6	2	#5	06	012	
	31" - 36"	48	30	14-#9 (2 LAYERS)	14-#9 (2 LAYERS)	3-#6	2	#5	06	012	
	37" - 44"	48	30	14-#9 (2 LAYERS)	14-#9 (2 LAYERS)	3-#6	2	#5	06	012	
	45" - ROOF	48	30	13-#9 (2 LAYERS)	13-#9 (2 LAYERS)	3-#6	2	#5	06	012	
SB3	11" - 18"	48	30	8-#9	8-#9	3-#6	2	#4	06	012	
	19" - 24"	48	30	10-#9 (2 LAYERS)	10-#9 (2 LAYERS)	3-#6	2	#5	06	012	
	25" - 30"	48	30	11-#9 (2 LAYERS)	11-#9 (2 LAYERS)	3-#6	2	#5	06	012	
	31" - 36"	48	30	10-#9 (2 LAYERS)	10-#9 (2 LAYERS)	3-#6	2	#5	06	012	
	37" - 44"	48	30	10-#9 (2 LAYERS)	10-#9 (2 LAYERS)	3-#6	2	#5	06	012	
	45" - ROOF	48	30	8-#9	8-#9	3-#6	2	#4	06	012	
SB4	11" - 18"	48	30	8-#9	8-#9	3-#6	2	#4	06	012	
	19" - 24"	48	30	12-#9 (2 LAYERS)	12-#9 (2 LAYERS)	3-#6	2	#5	06	012	
	25" - 30"	48	30	13-#9 (2 LAYERS)	13-#9 (2 LAYERS)	3-#6	2	#5	06	012	
	31" - 36"	48	30	12-#9 (2 LAYERS)	12-#9 (2 LAYERS)	3-#6	2	#5	06	012	
	37" - 44"	48	30	12-#9 (2 LAYERS)	12-#9 (2 LAYERS)	3-#6	2	#5	06	012	
	45" - ROOF	48	30	12-#9 (2 LAYERS)	12-#9 (2 LAYERS)	3-#6	2	#5	06	012	



TYPE 1



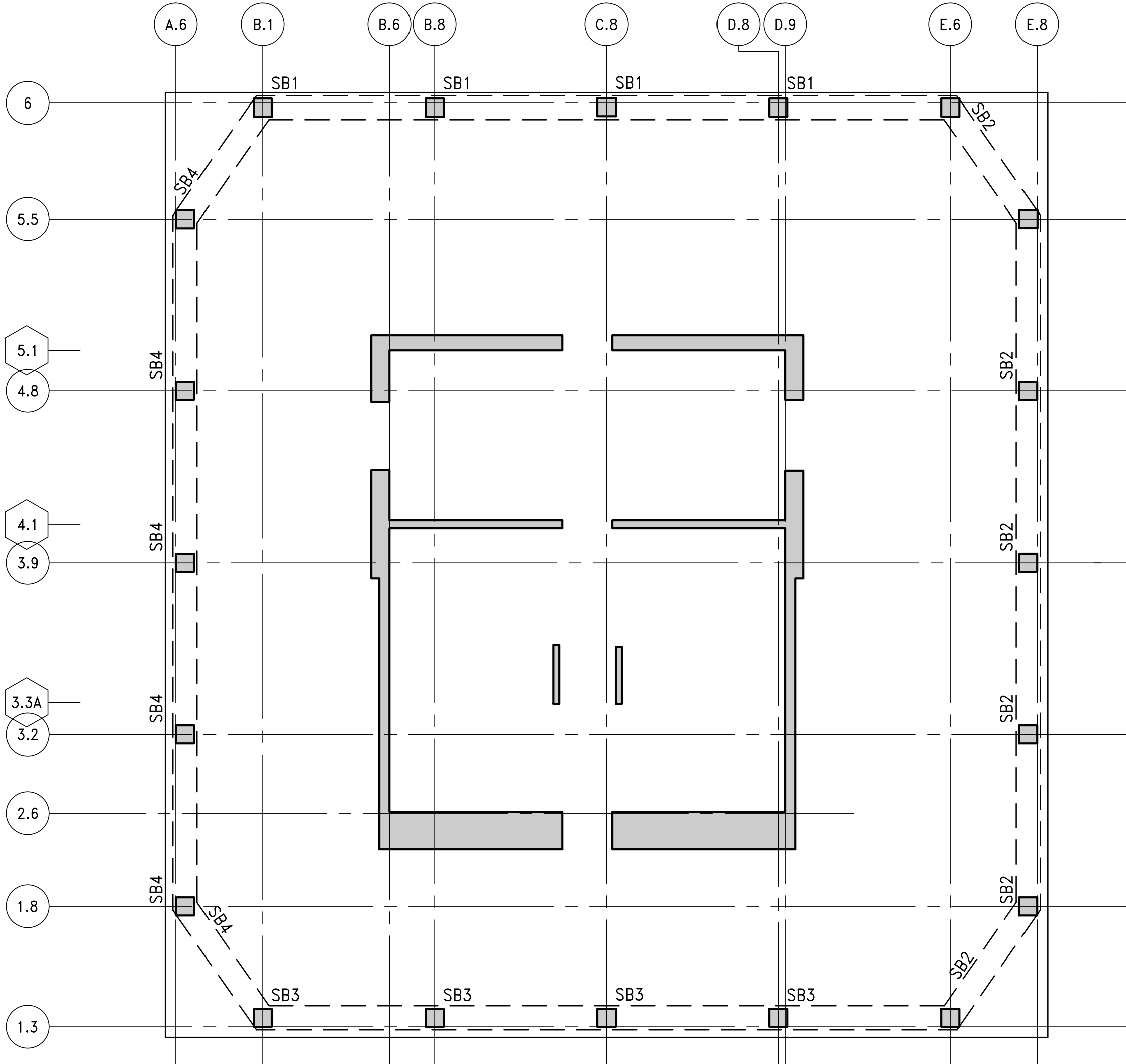
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TYPE 3

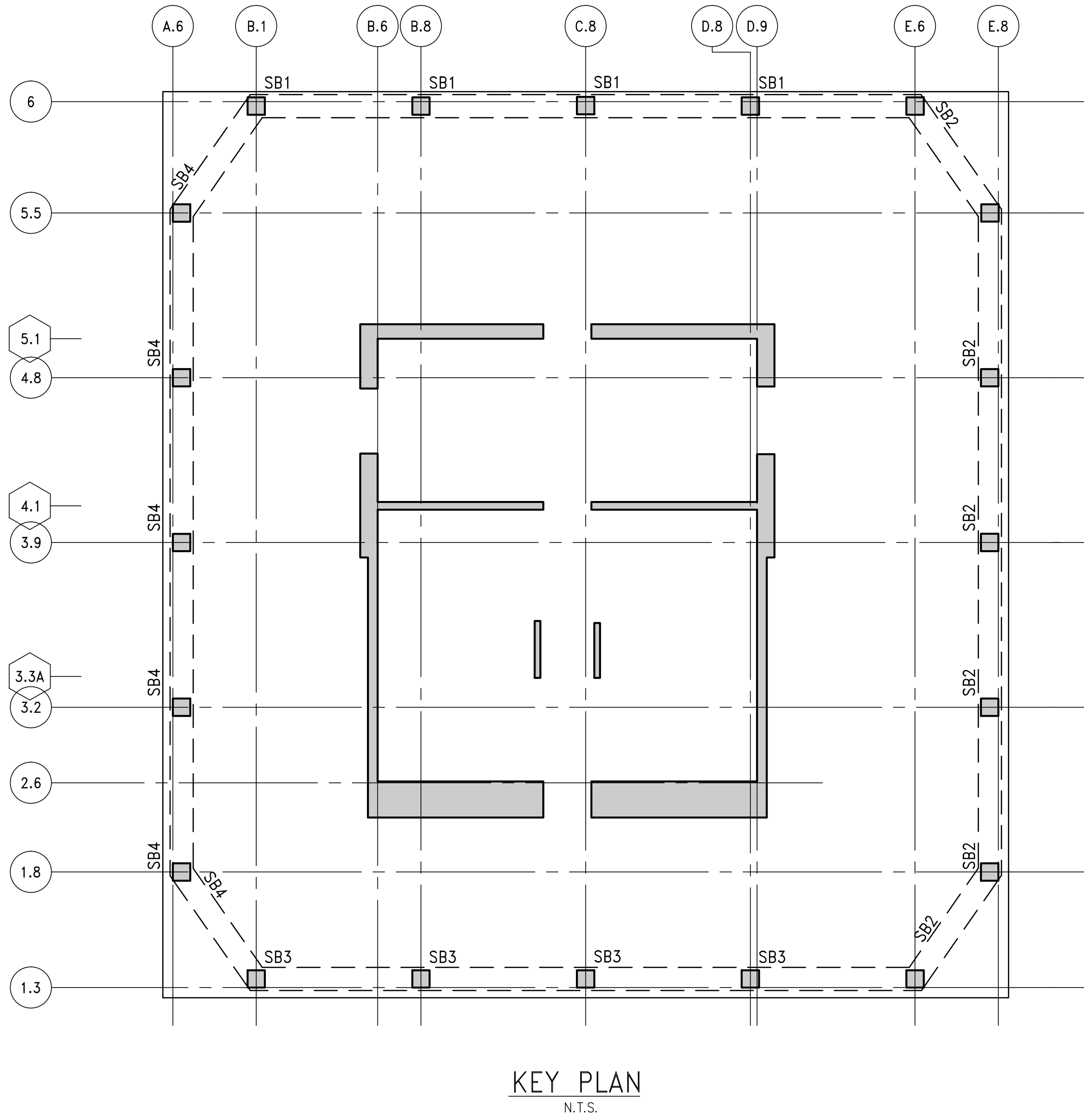
STIRRUP TYPES

N.T.S.



KEY PLAN

N.T.S.



Address  
550 W 34th St. New York, NY 10001



Client  
Related Companies  
60 Columbus Circle  
New York, NY 10023  
New York, NY 10023  
Tel: 212.801.1000 Fax: 212.801.1048  
Oxford Properties Group  
320 Park Avenue, 17th Floor  
New York, NY 10022  
Tel: 212.966.7514 Fax: 212.966.7510

Mitsui Fudosan America, Inc.  
1291 Avenue of the Americas, Suite 800  
New York, NY 10020  
Tel: 212.403.5600 Fax: 212.403.5657

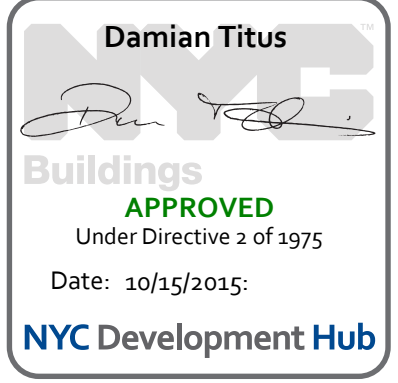
Architect  
Kohn Pedersen Fox Associates PC  
Architects & Planning Consultants  
11 West 42nd Street  
New York, New York 10036  
TEL: 212.977.6500 FAX: 212.956.2526

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2	D.O.B. BUILDING PERMIT	05/01/2015
1	FILING	
1	100% CONSTRUCTION	04/03/2015
DOCUMENTS		
No.	Description	Date

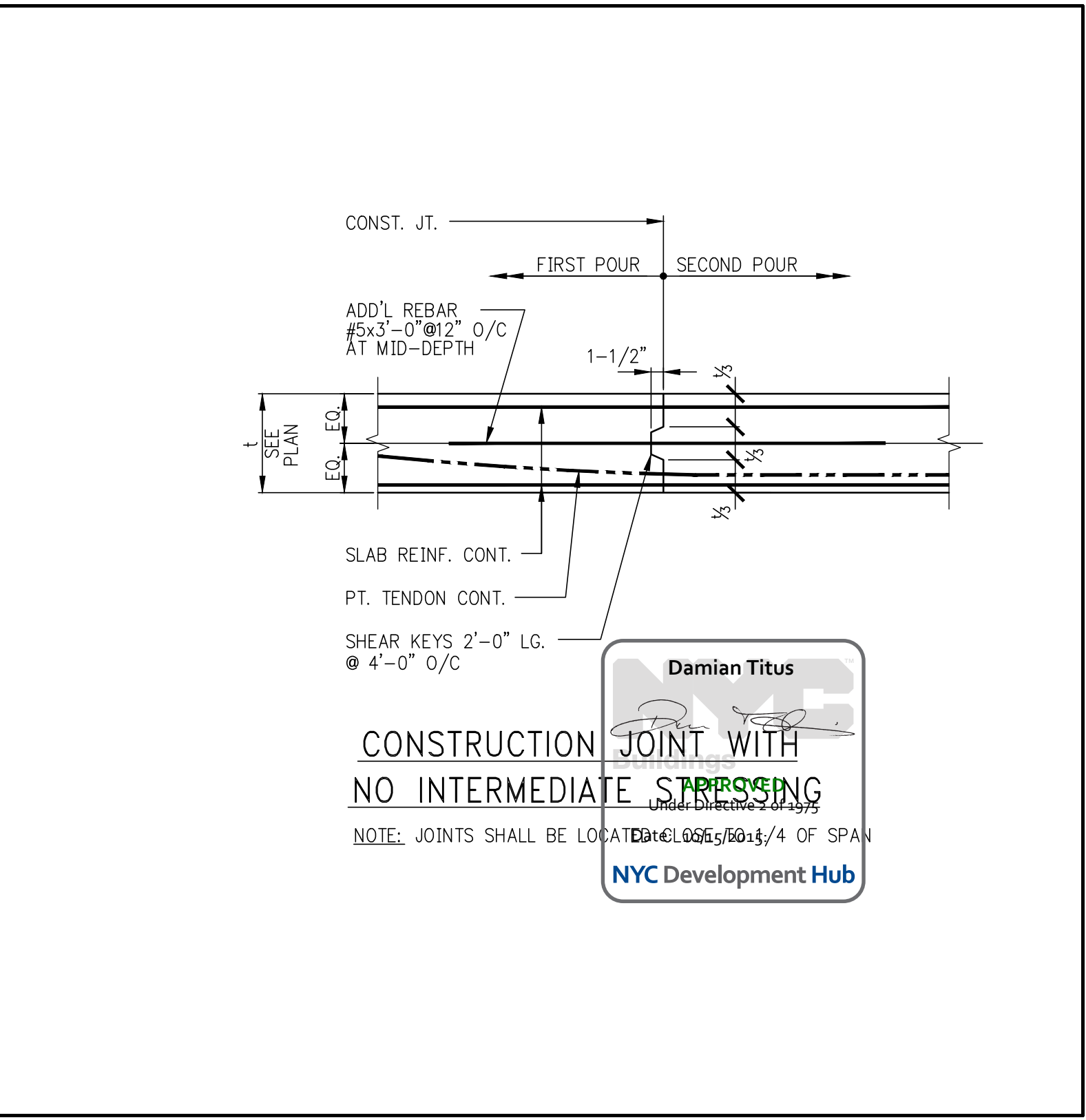
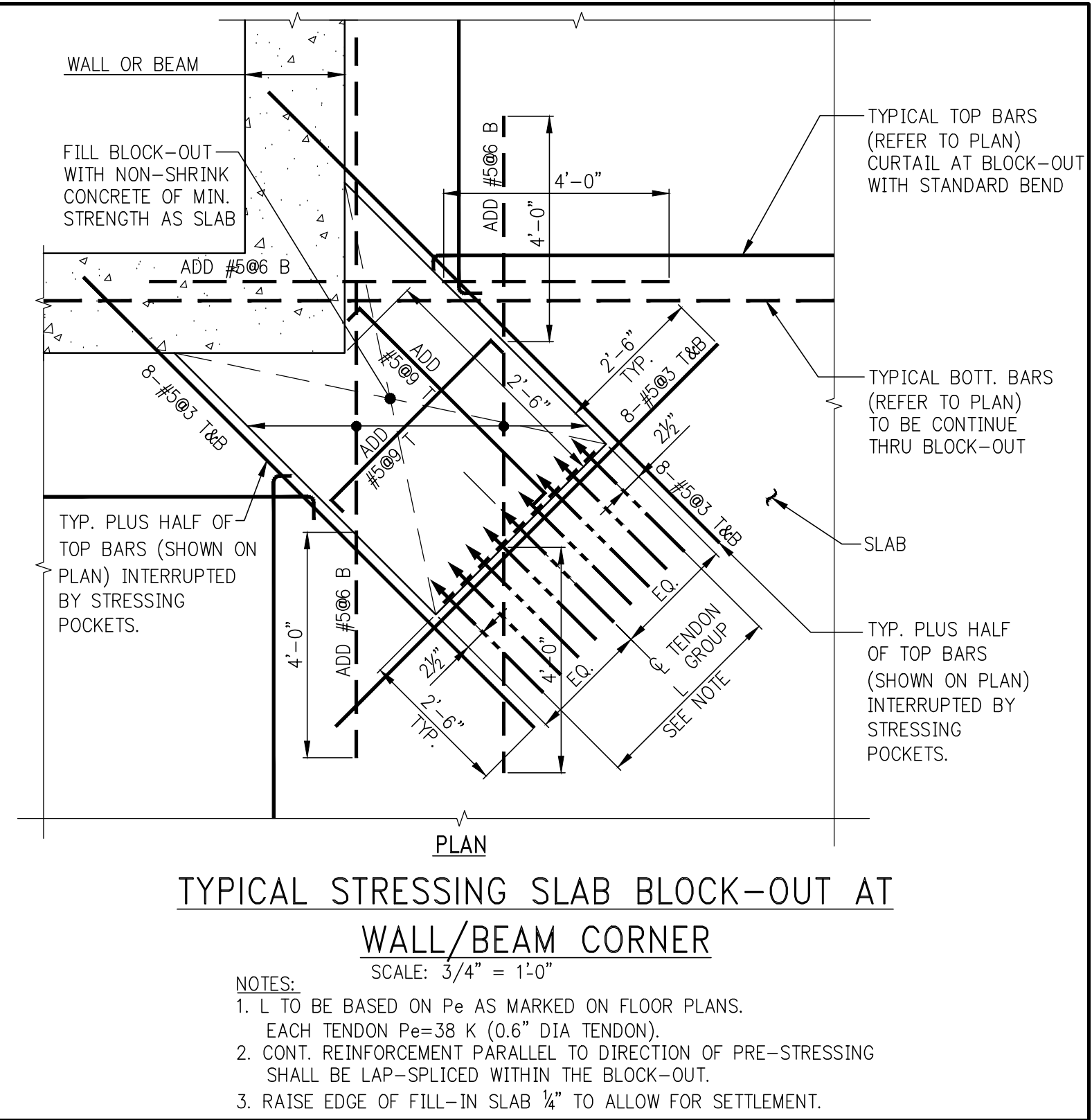
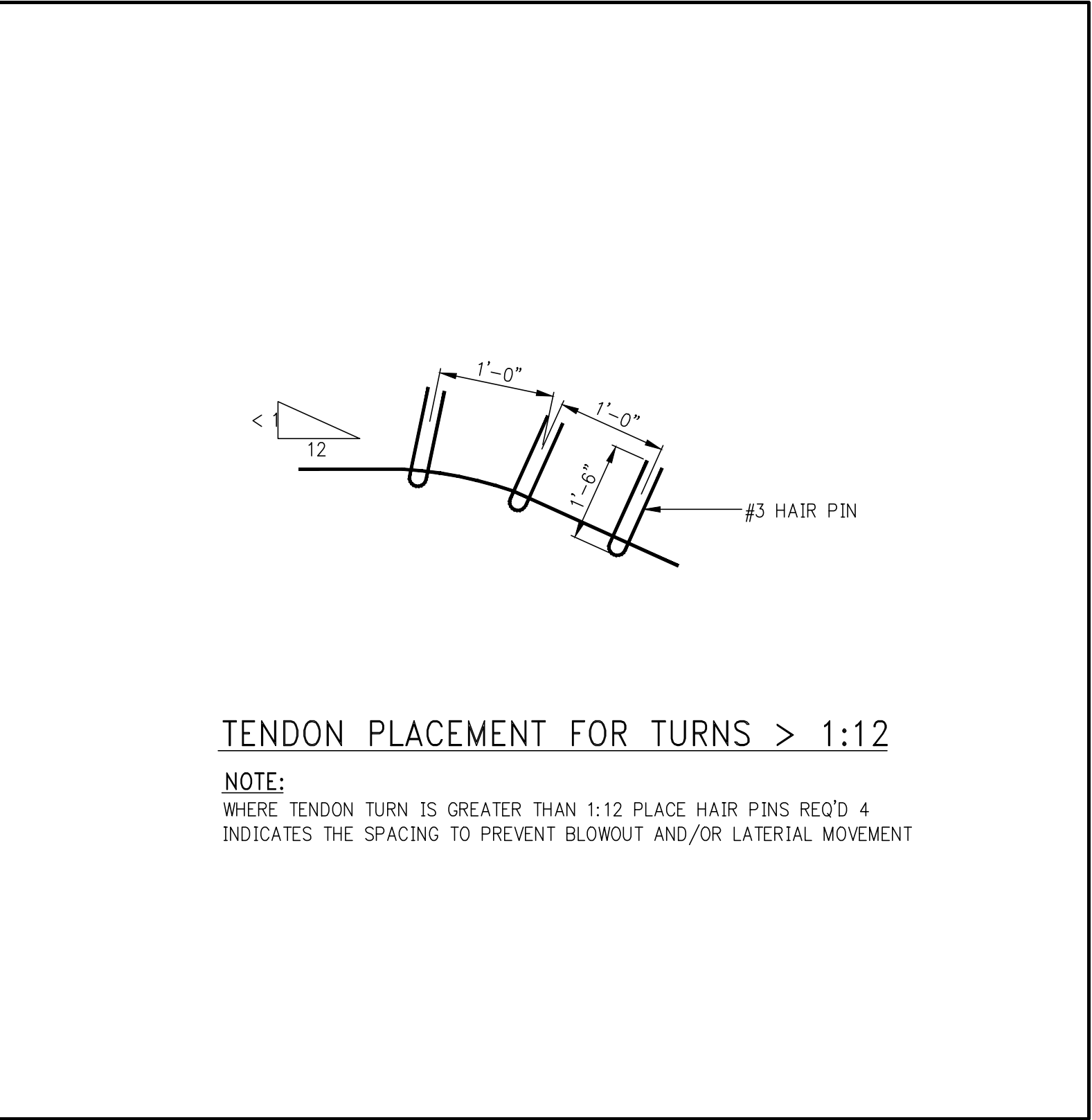
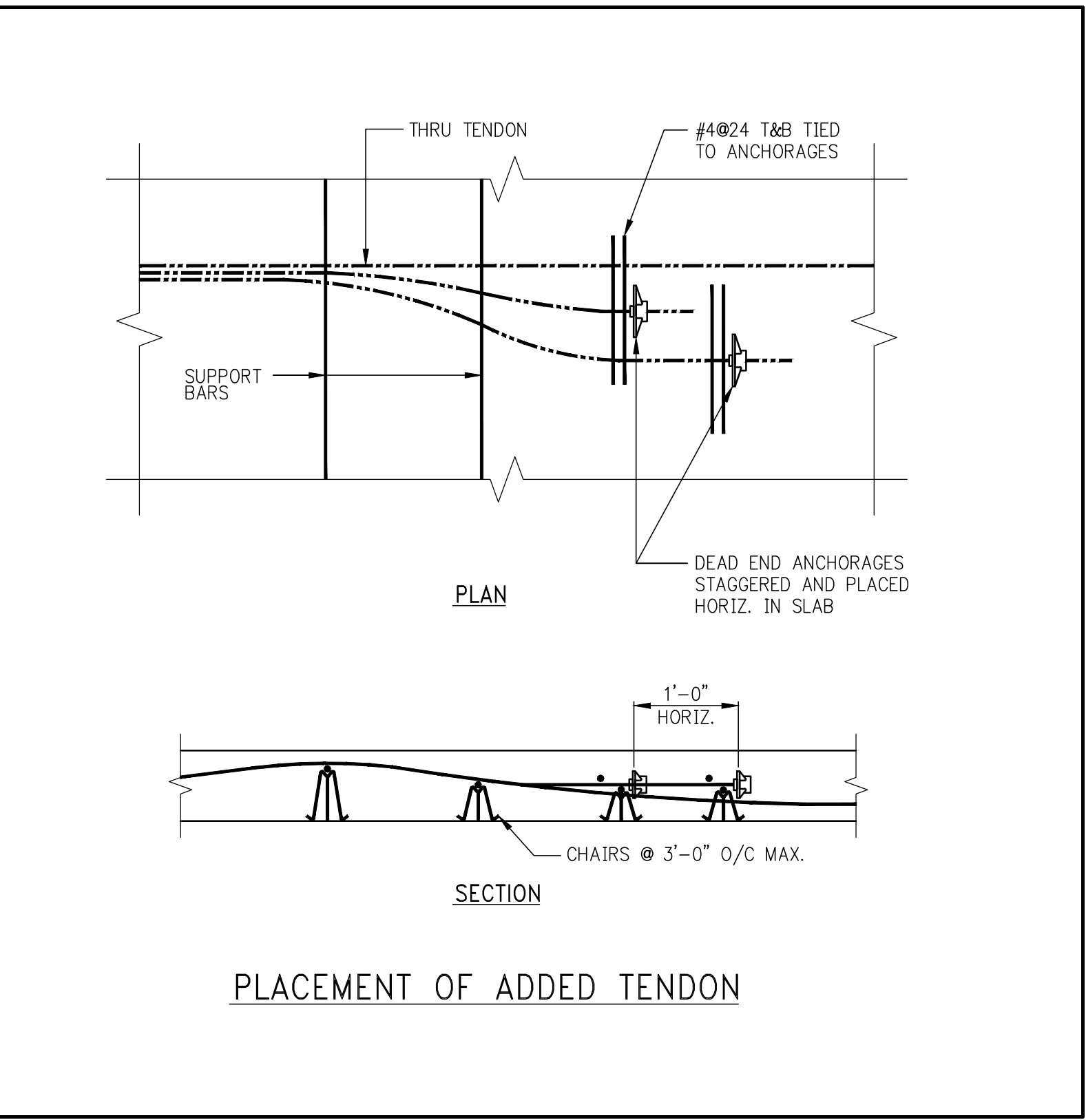
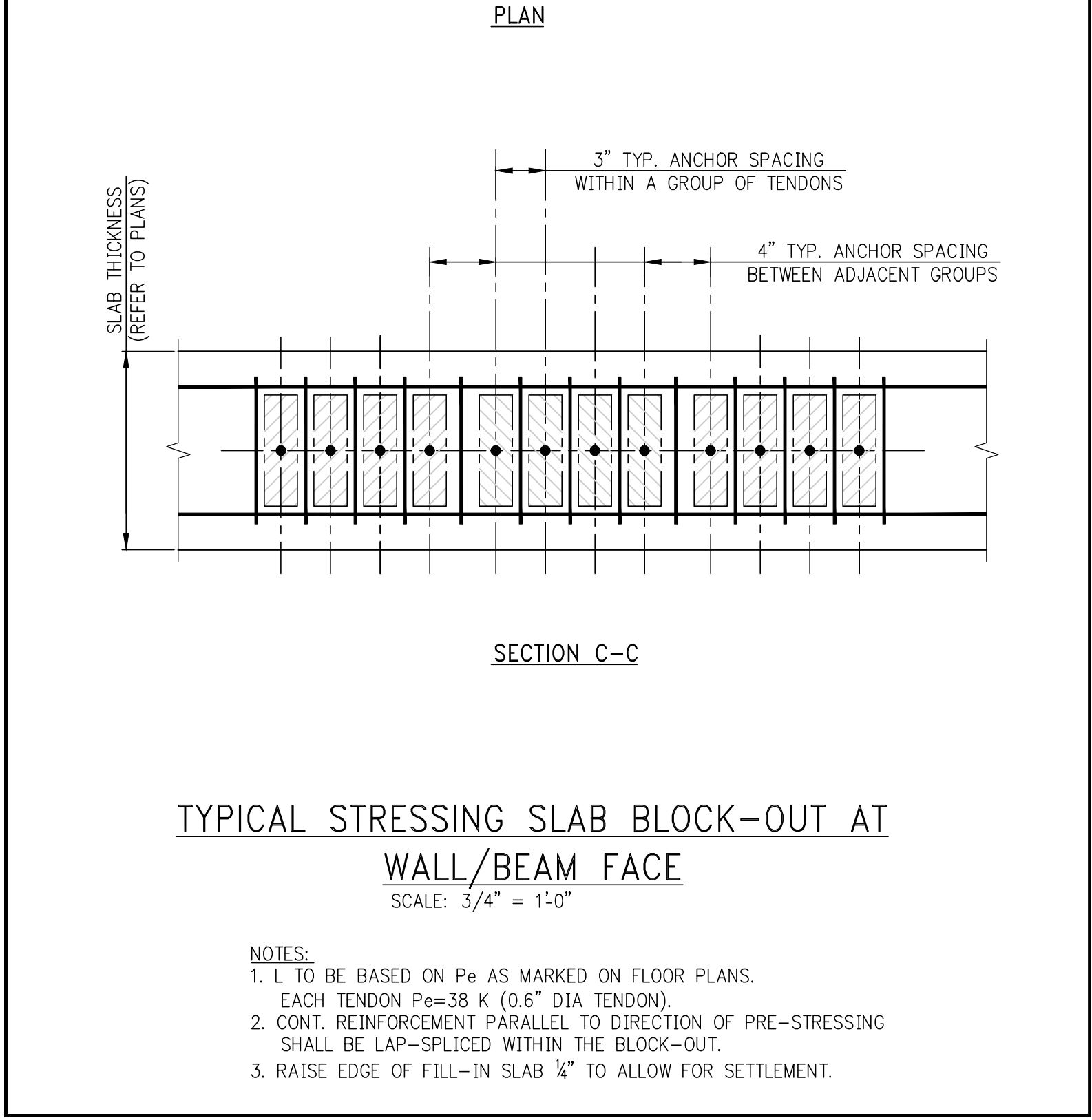
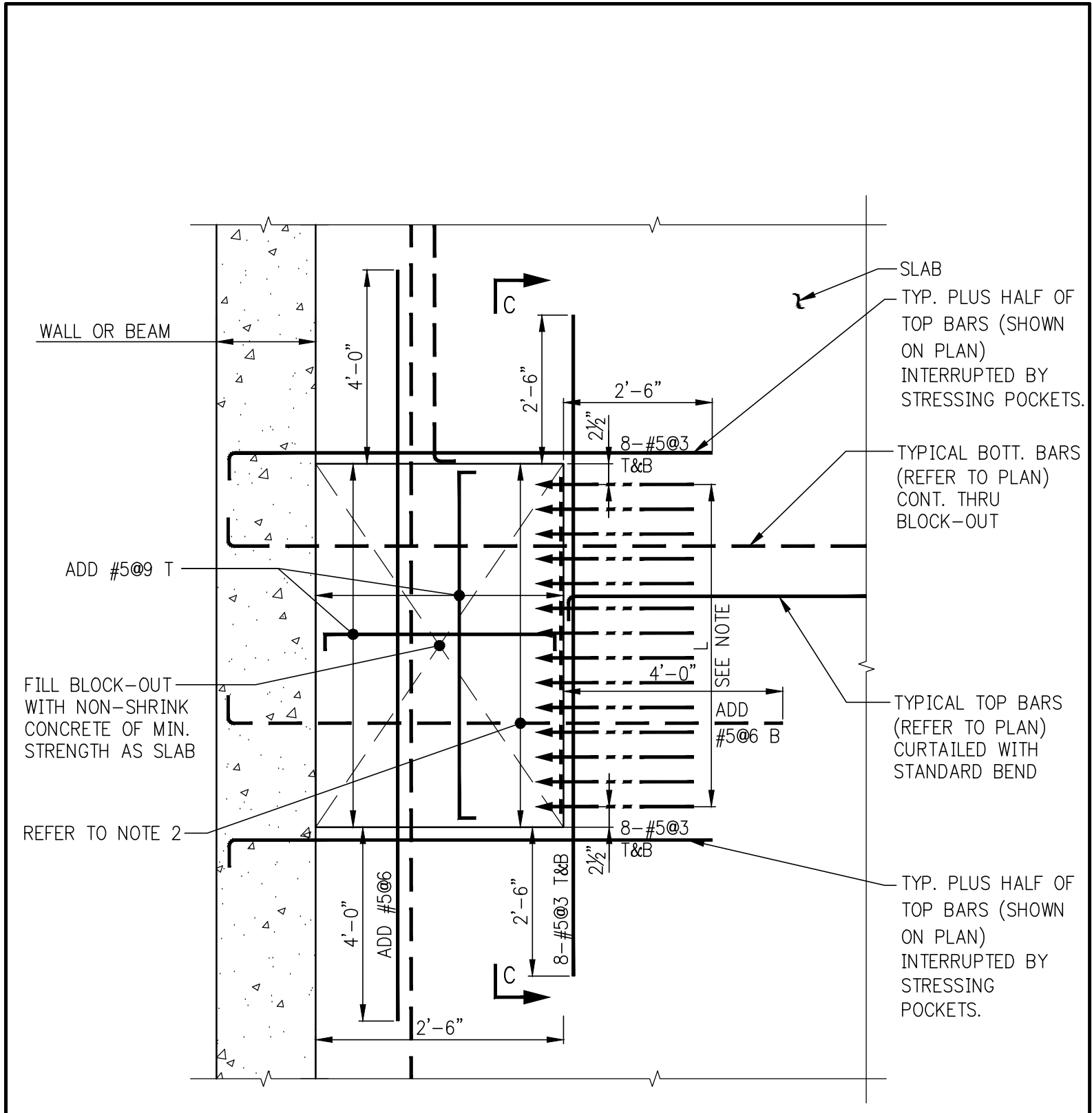
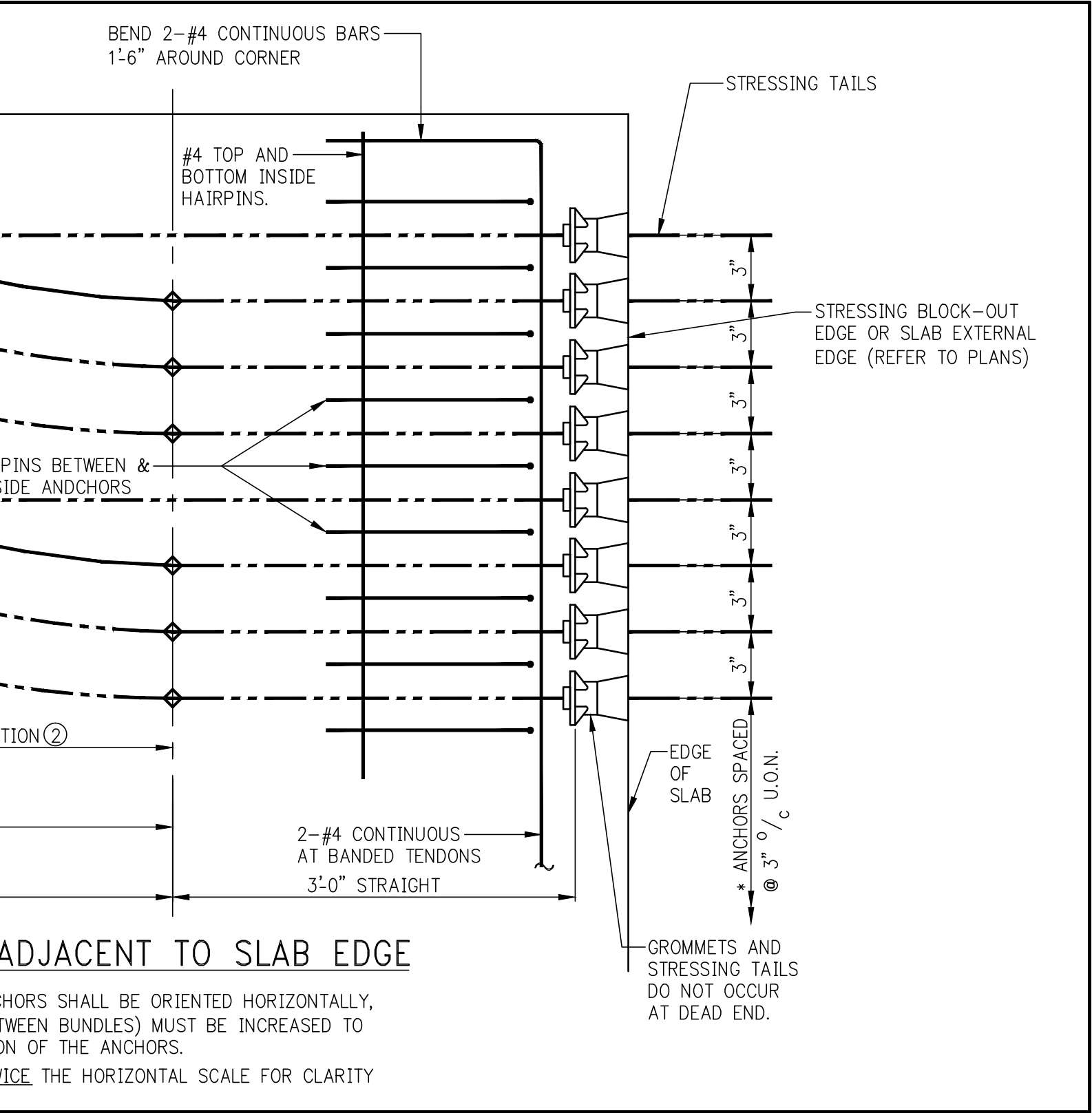
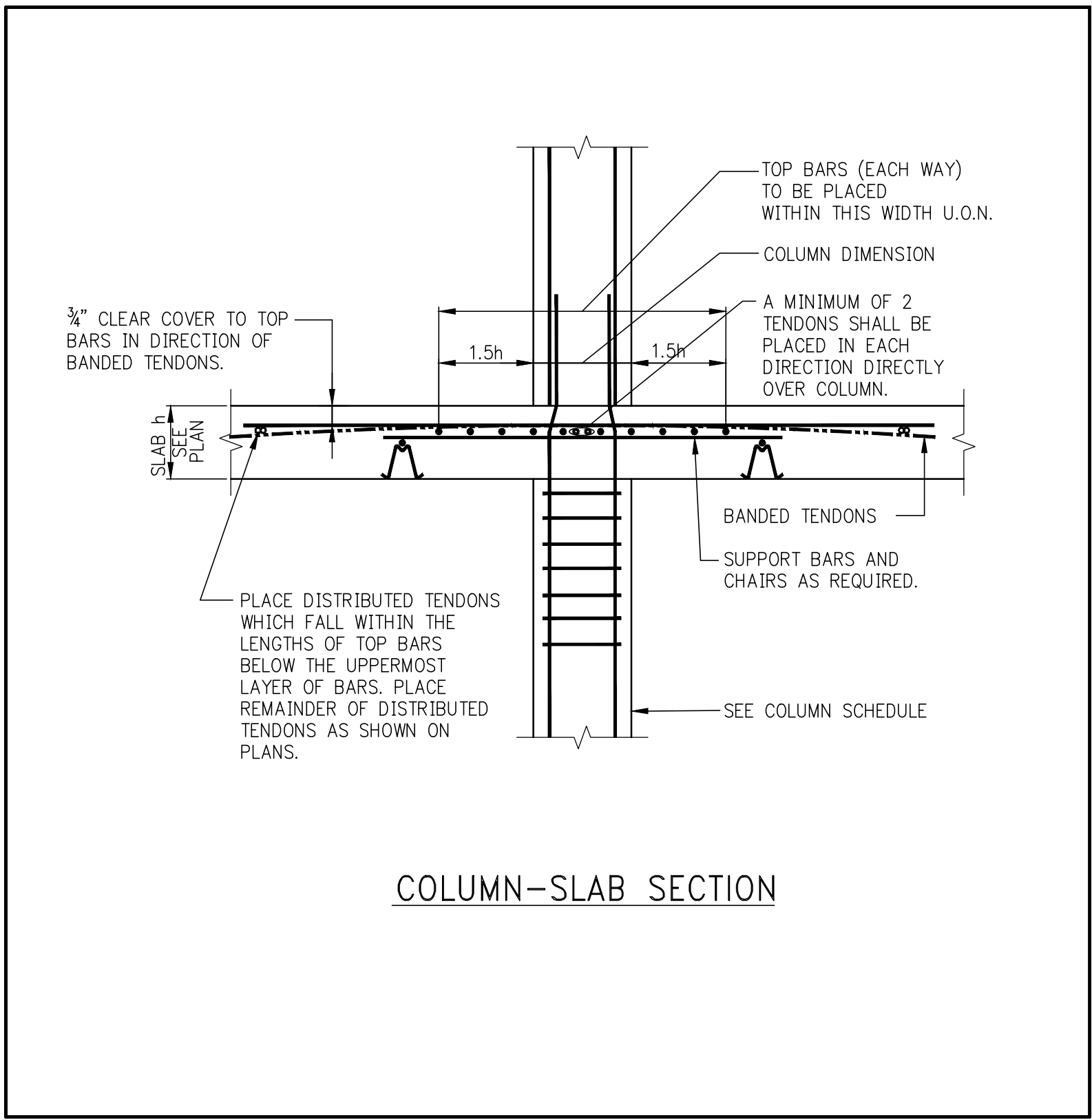
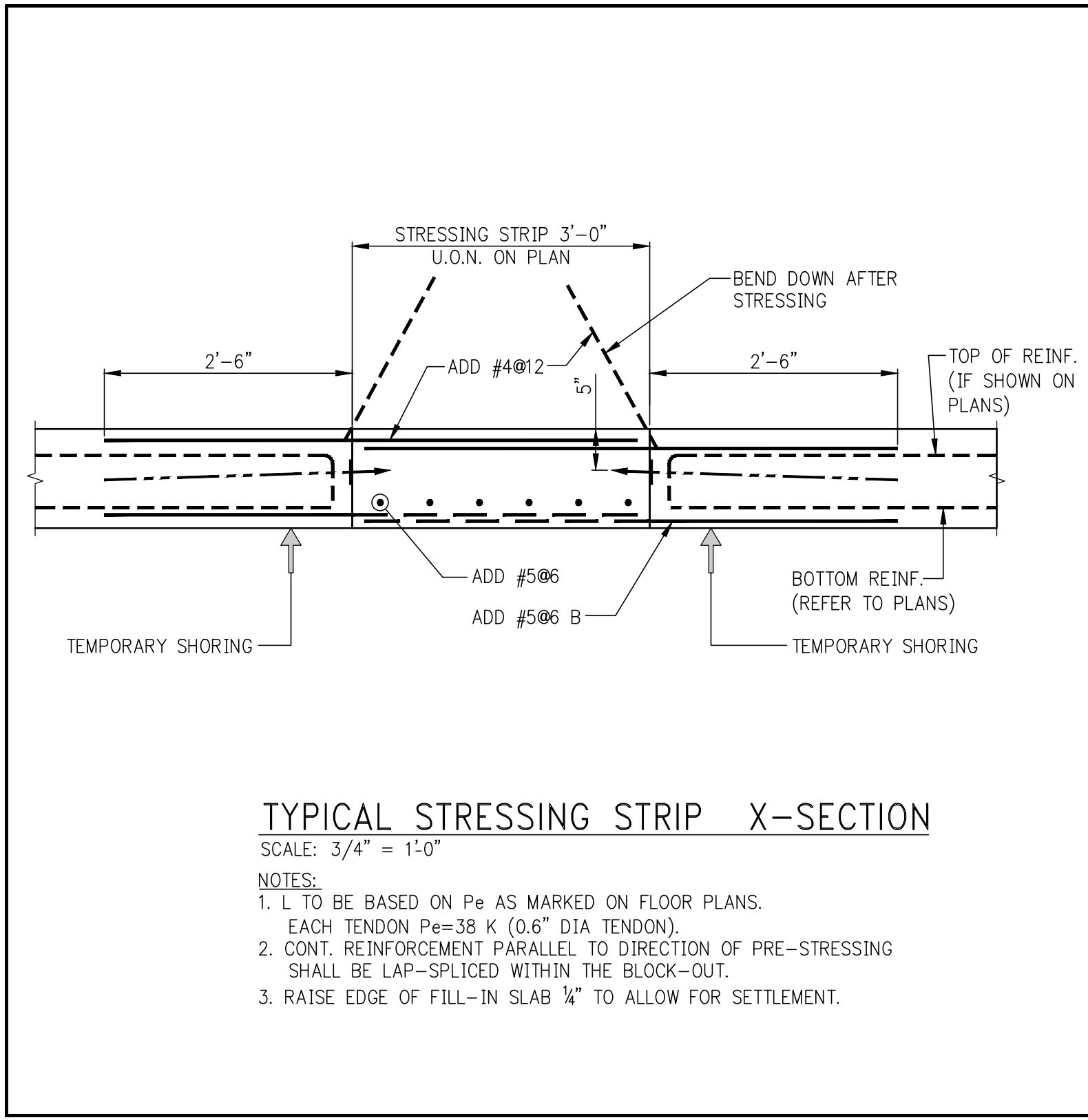
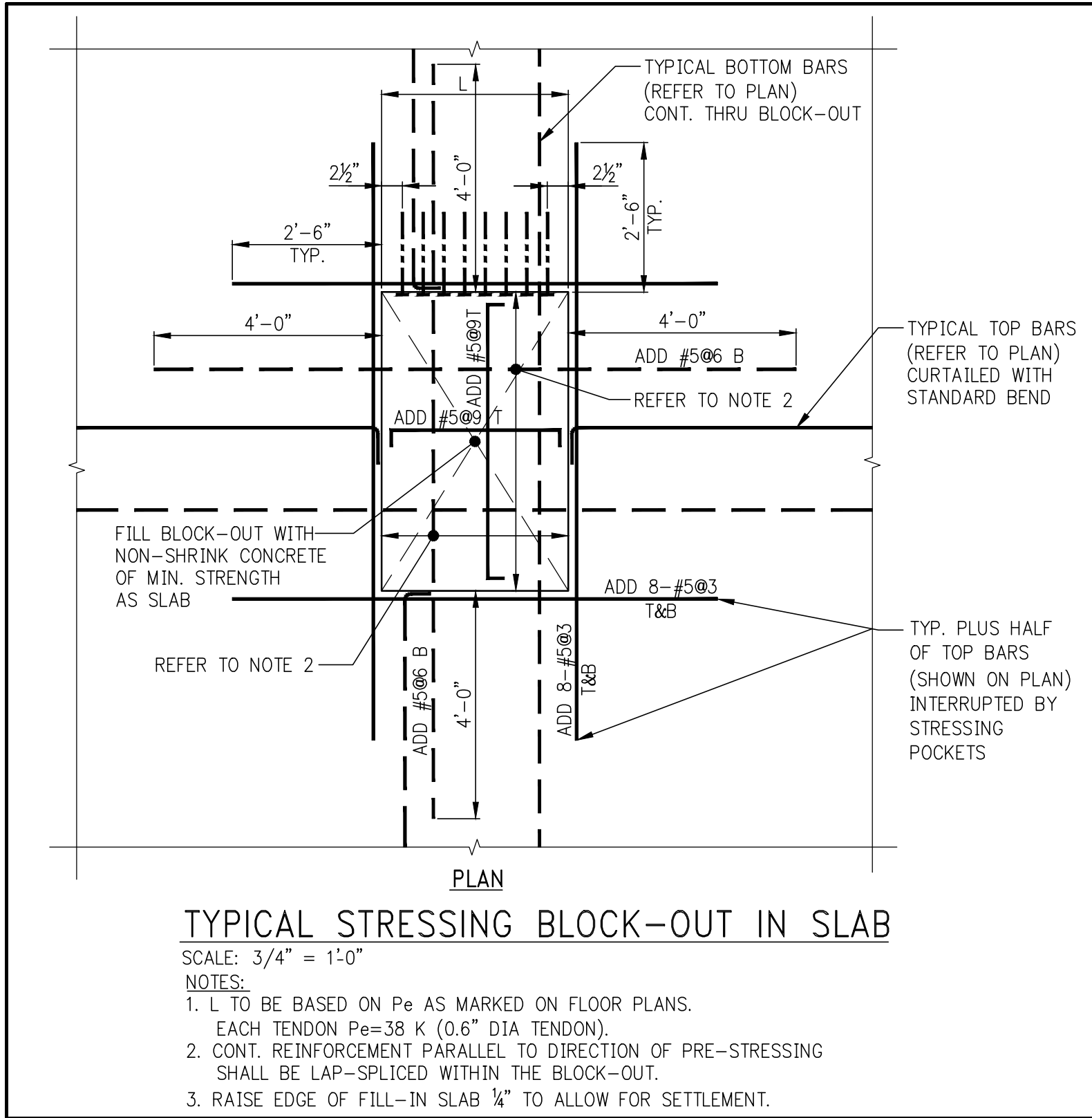
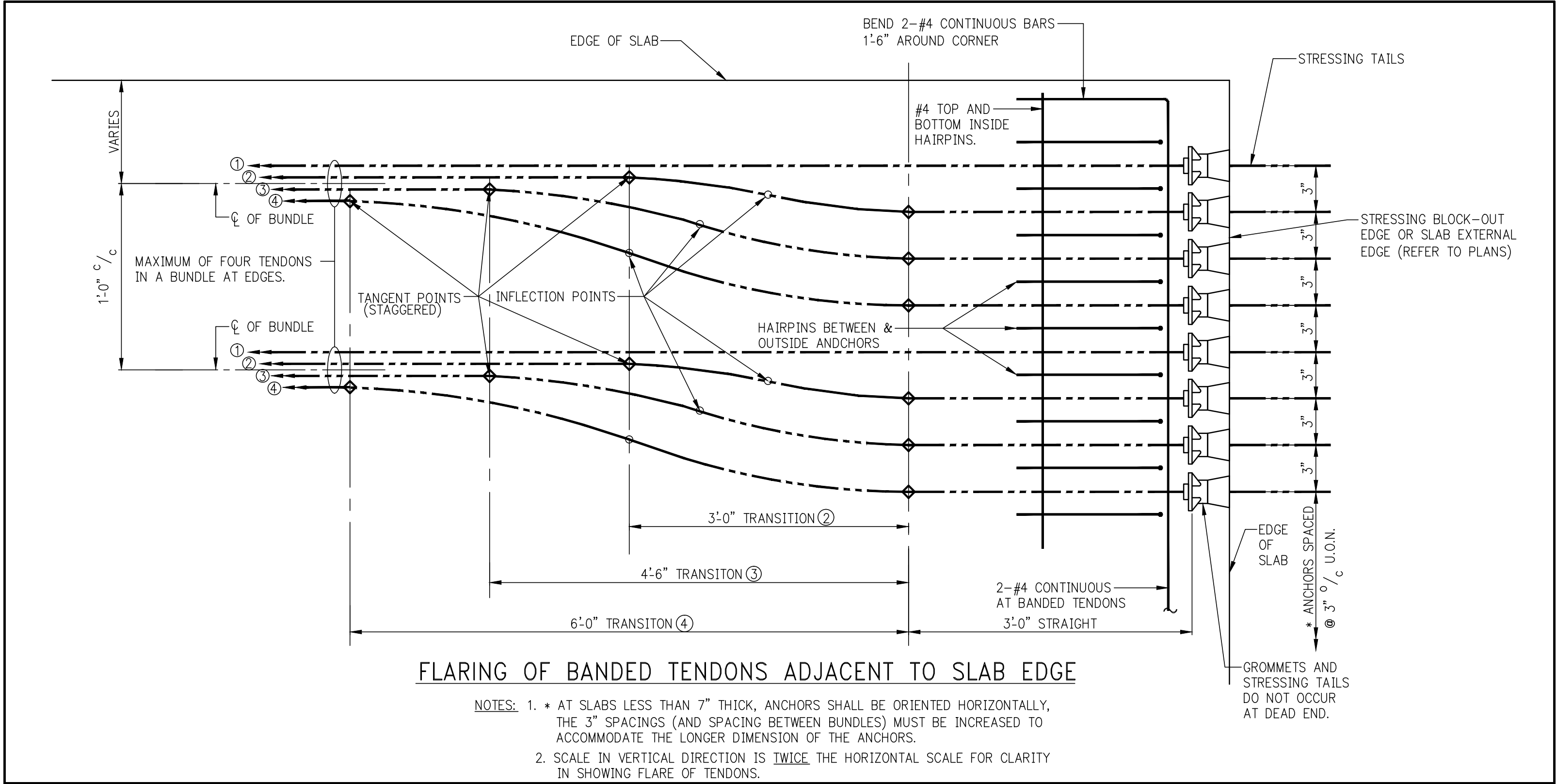
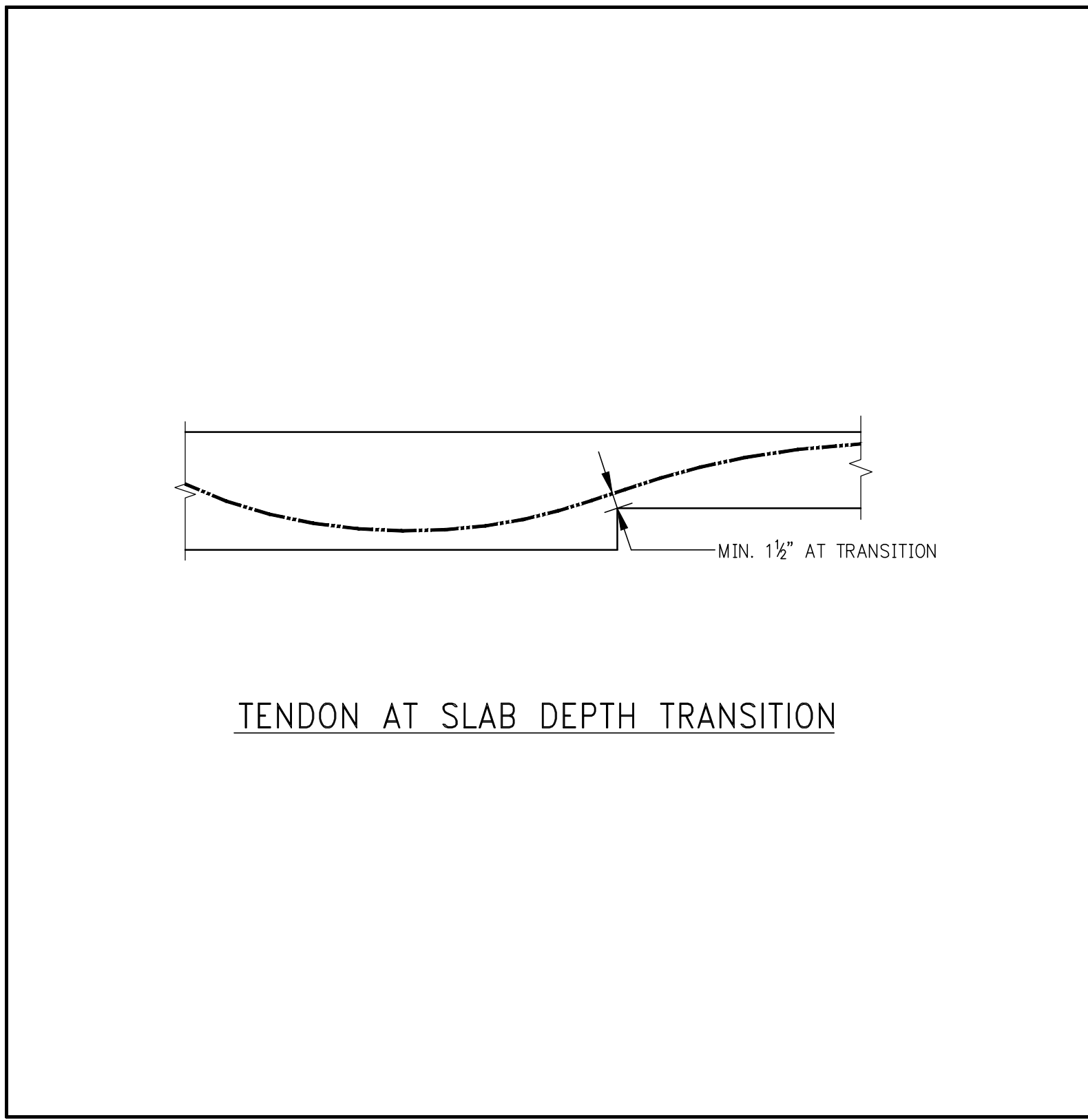
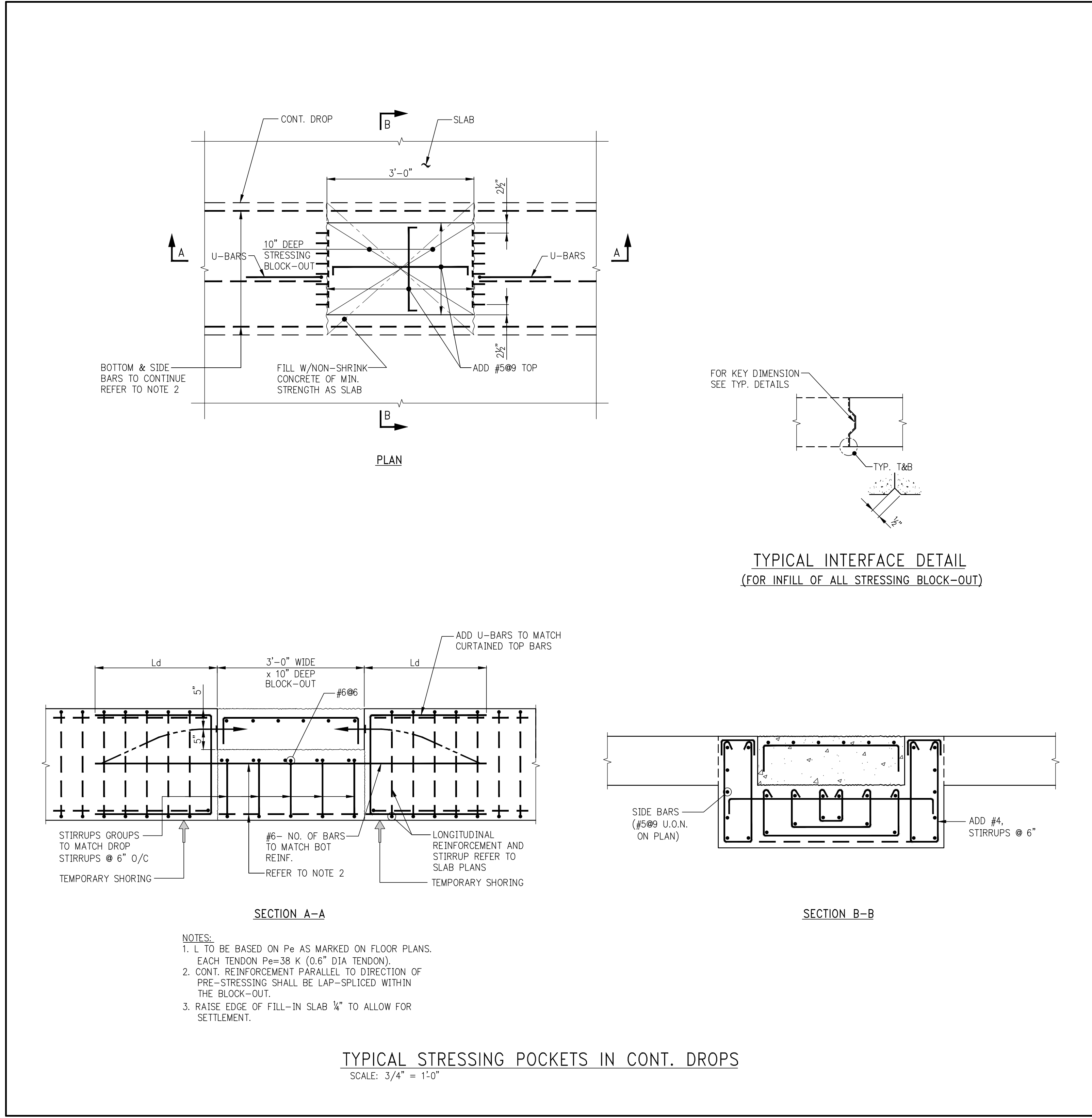
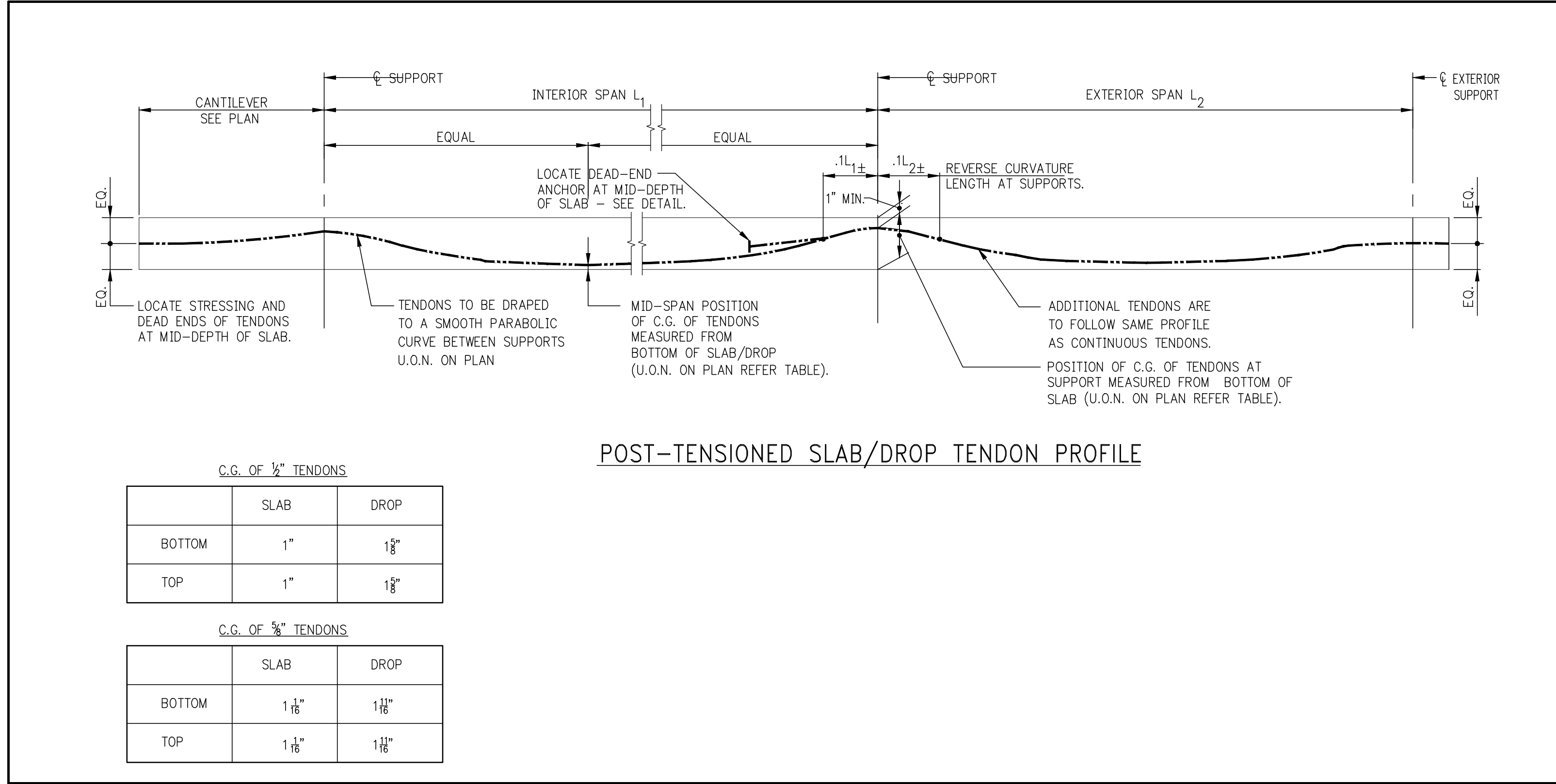
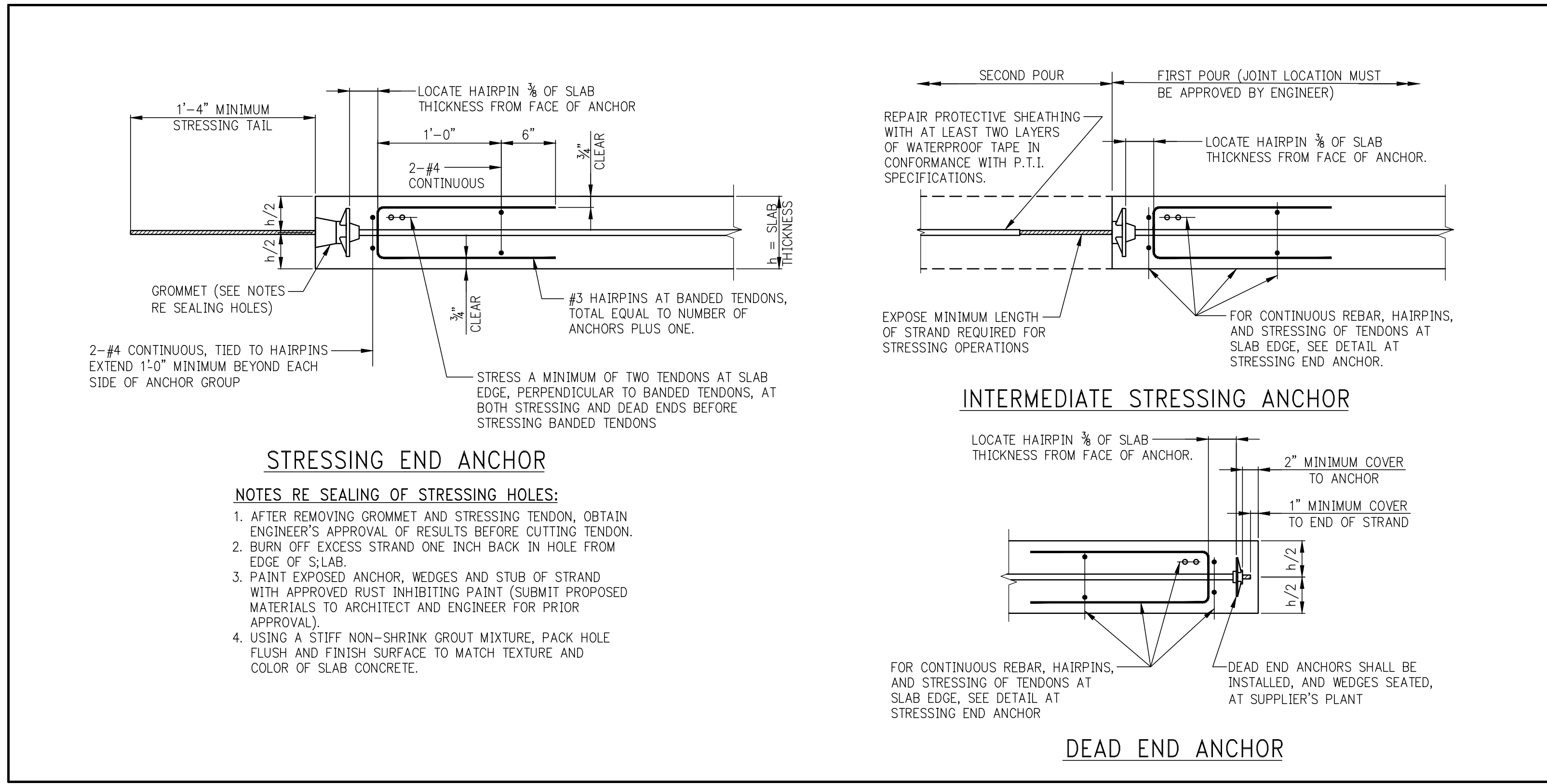
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Drawn Date: 04/03/2015  
Project No: 1305480  
Drawn By: CADD  
Sheet Number

Drawing Title  
SUPERSTRUCTURE  
DETAILS 3  
Drawing Number  
S-962.00







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1251 Avenue of the Americas, Suite 800  
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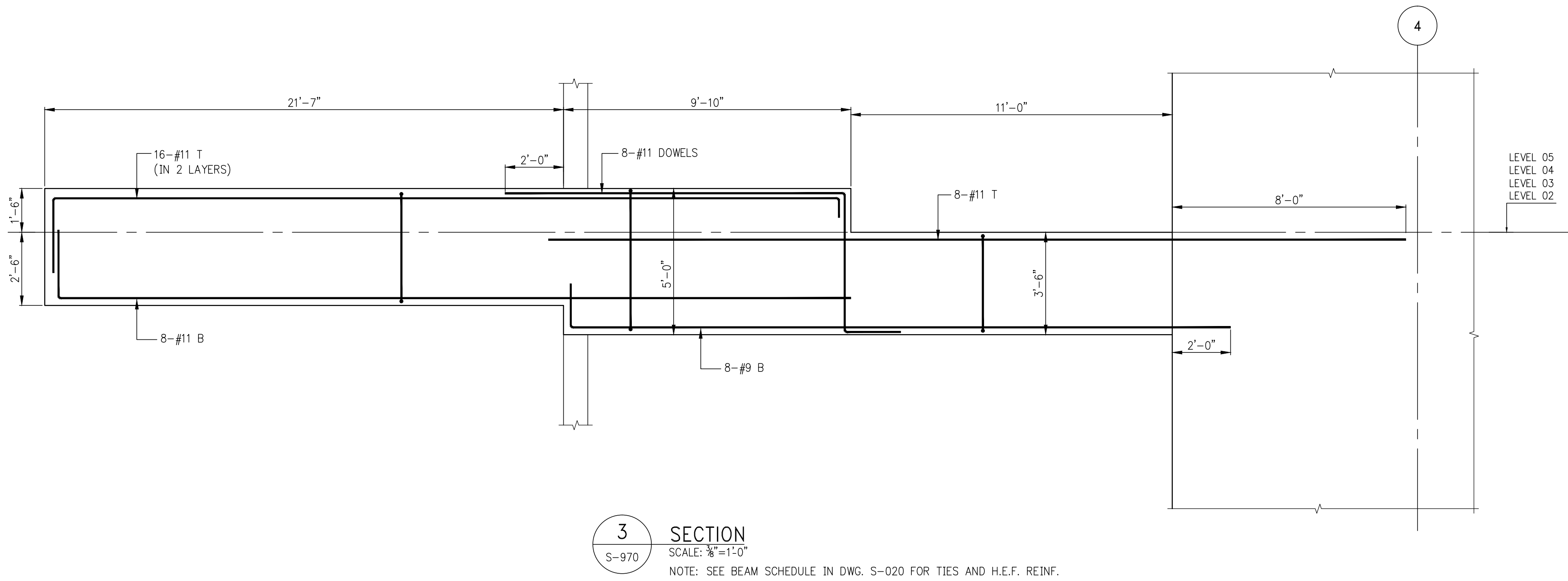
Architect  
Kohn Pedersen Fox Associates PC  
Architects & Planning Consultants  
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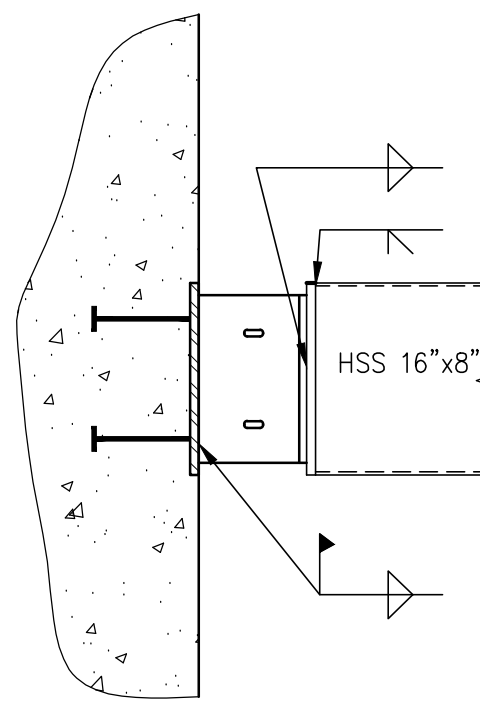
Mechanical, Electrical, Plumbing, Fire Protection  
WSP  
512 Seventh Avenue  
New York, NY 10018  
Tel: 212.532.9600

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S-970 SCALE: 1/8"=1'-0"

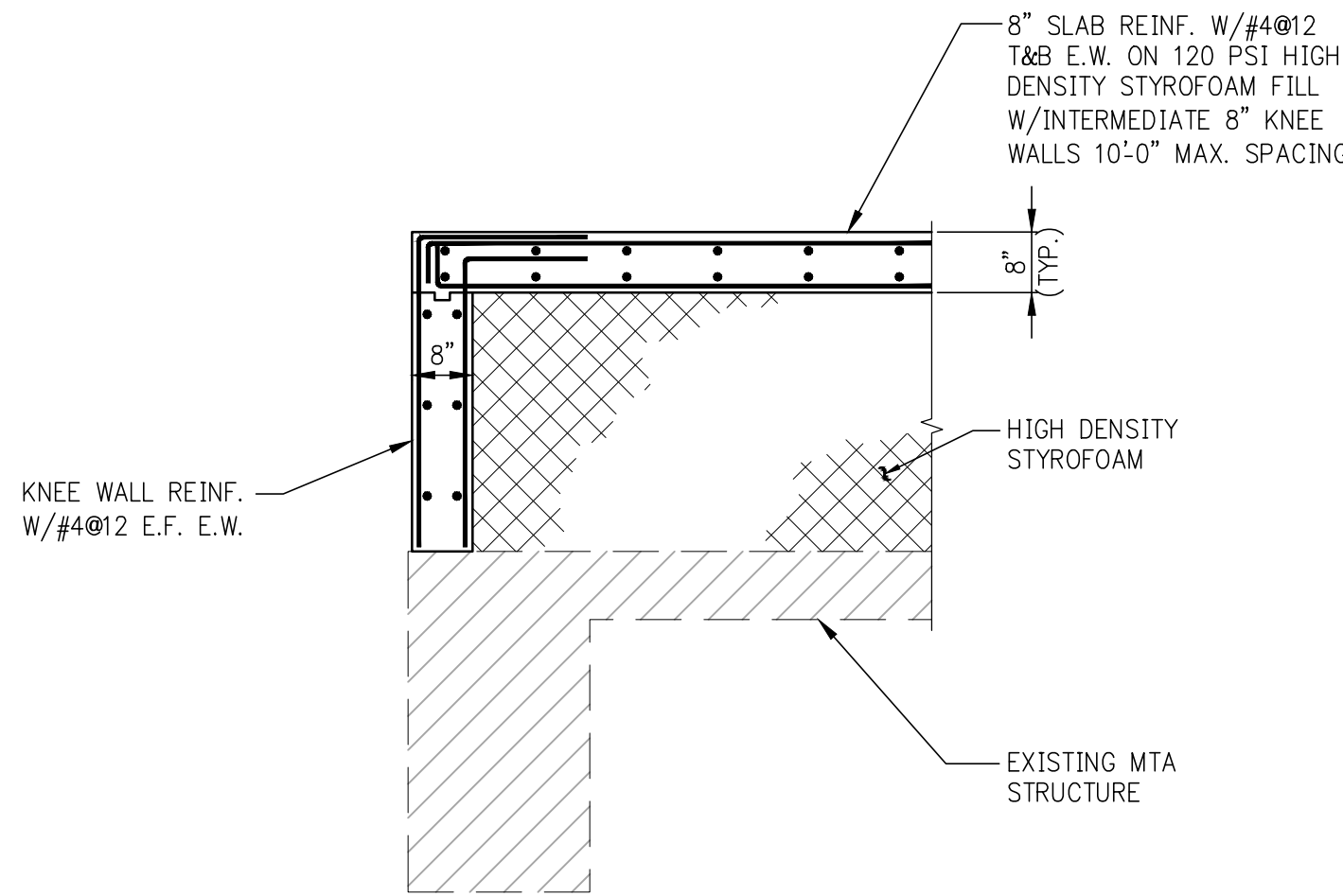
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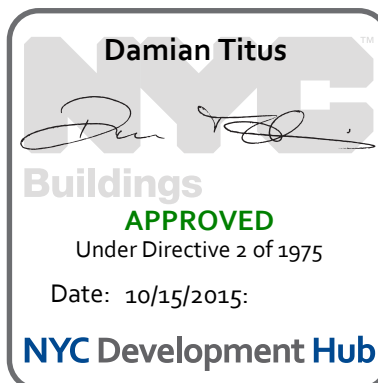
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NOTE: SEE BEAM SCHEDULE IN DWG. S-020 FOR TIES AND H.E.F. REINF.



4 SECTION  
S-970 SCALE: 1/8"=1'-0"



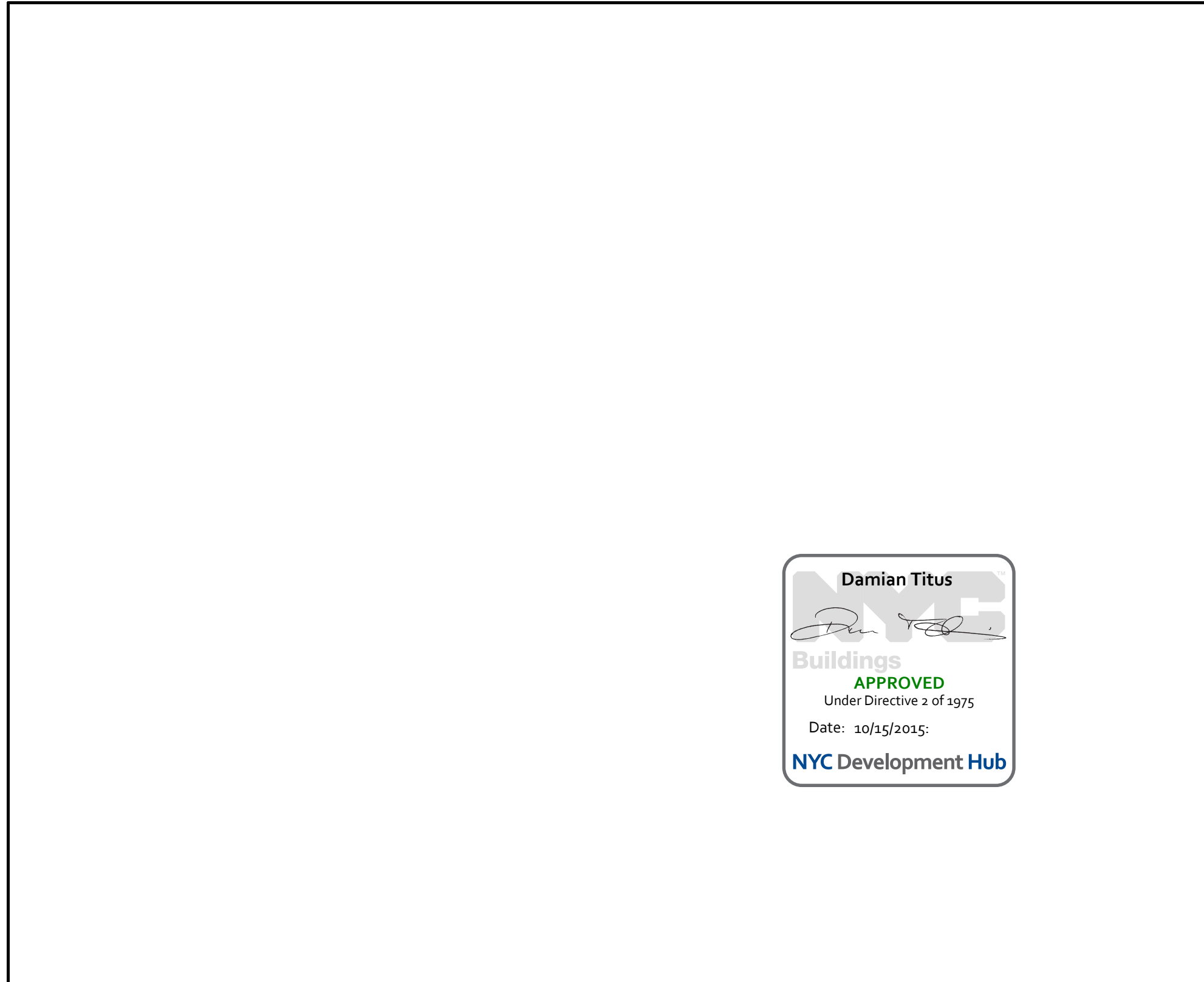
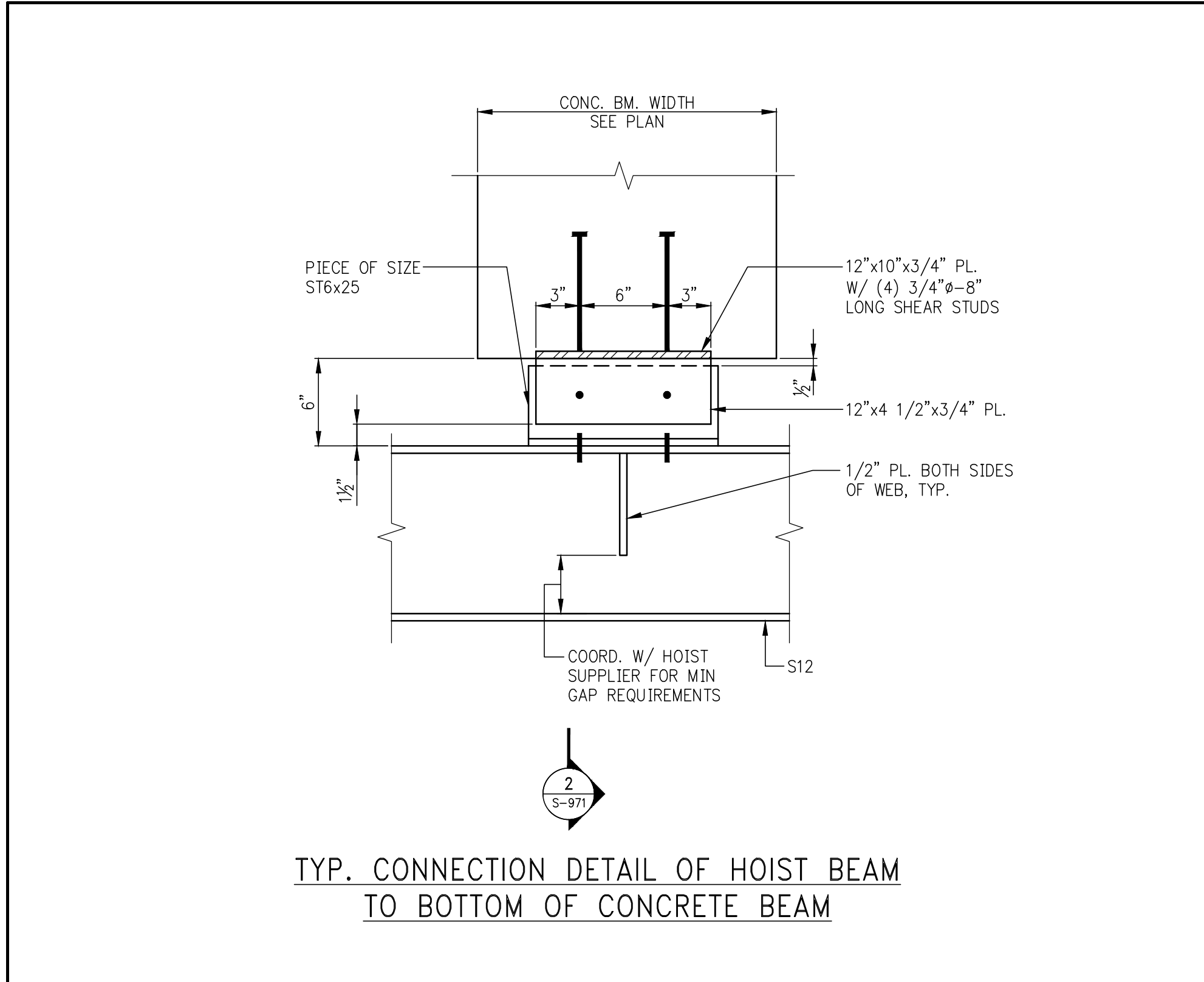
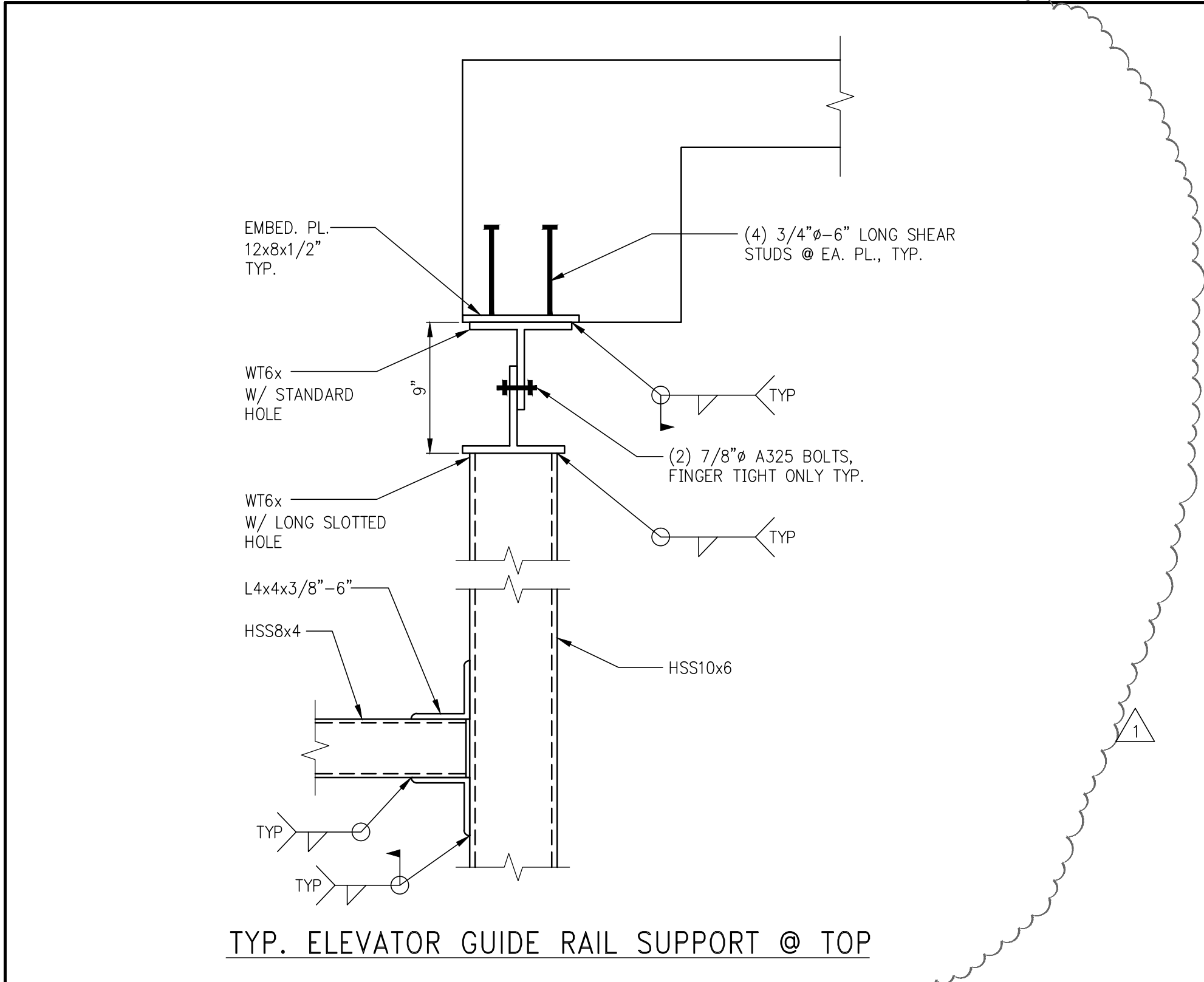
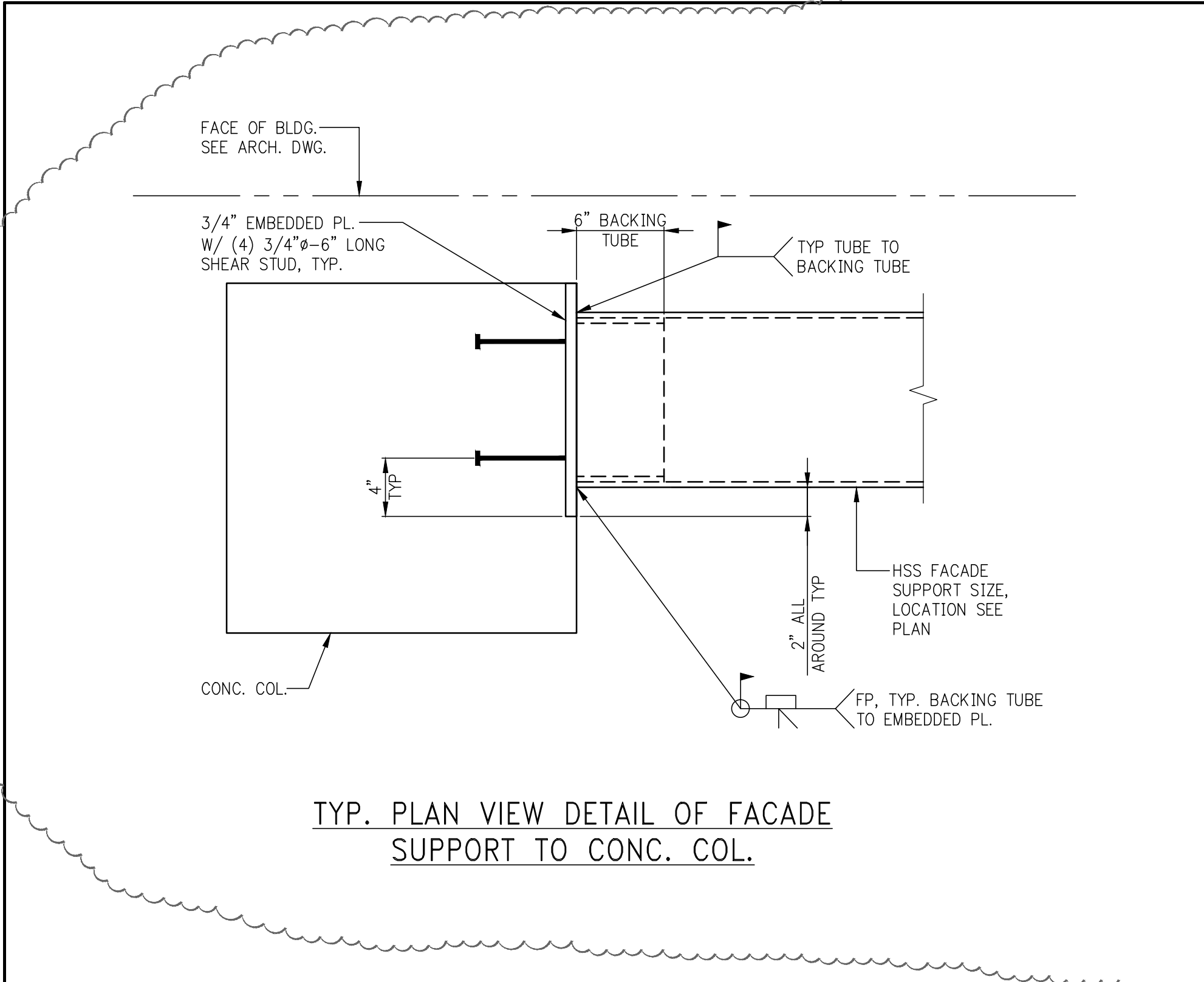
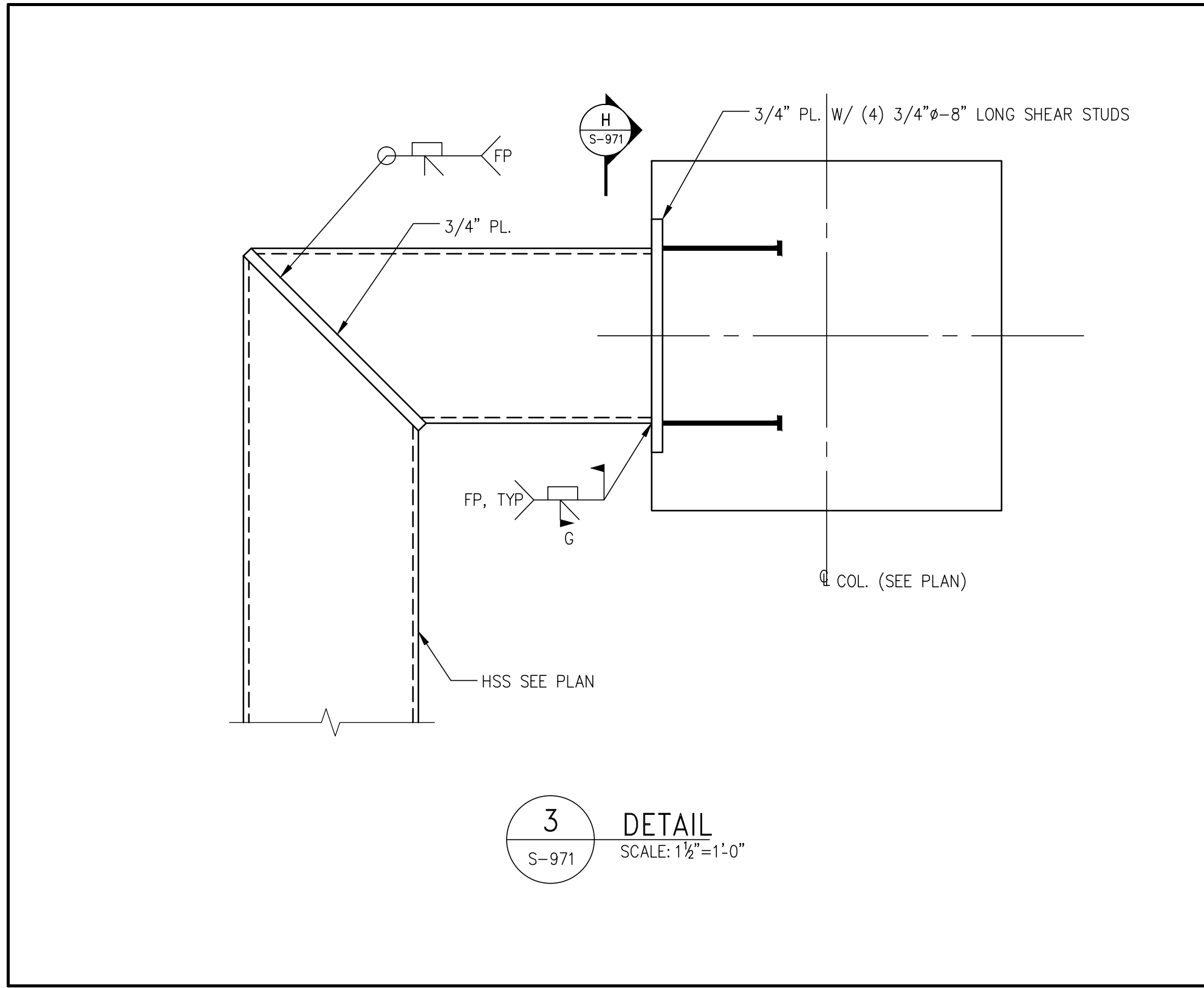
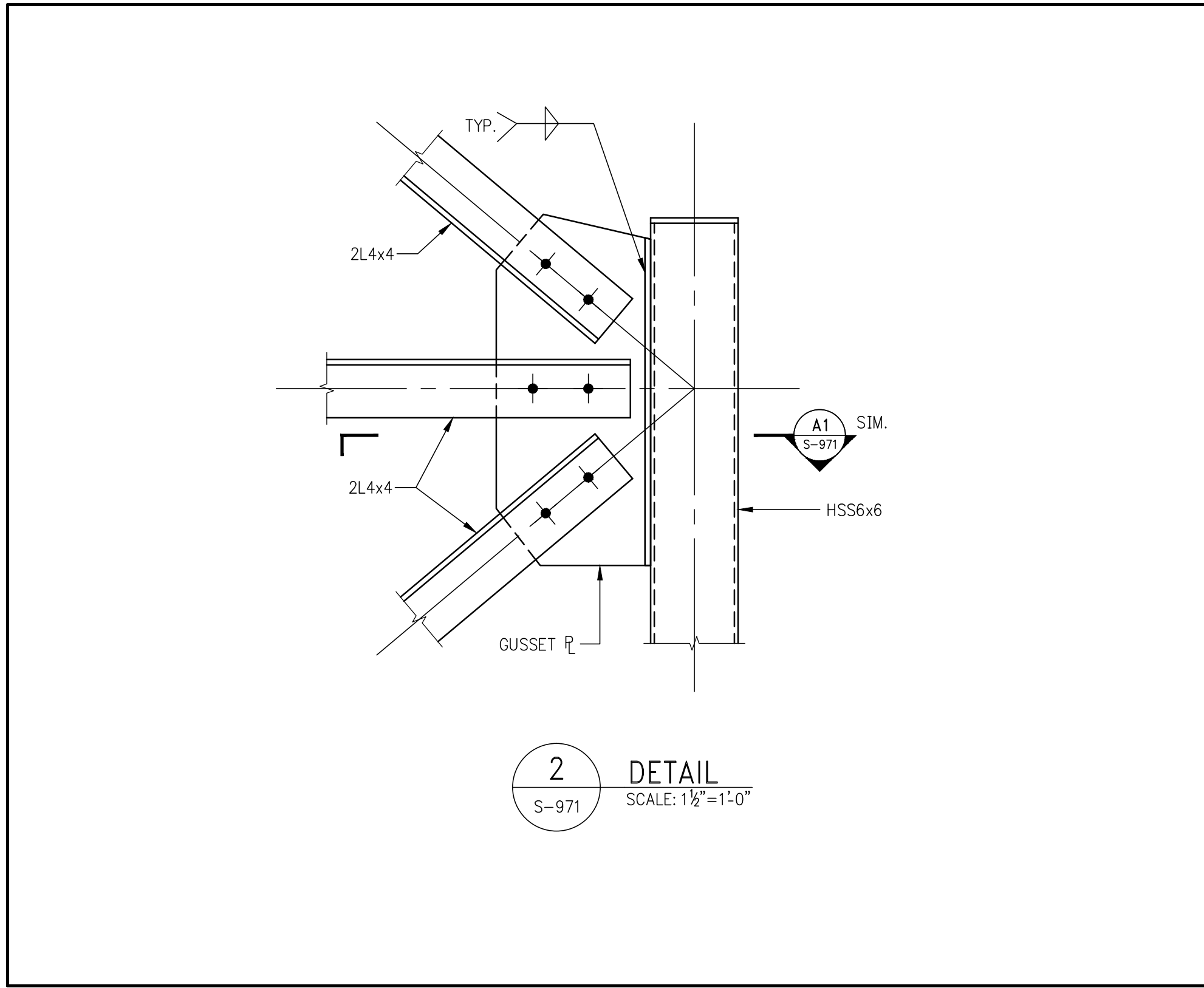
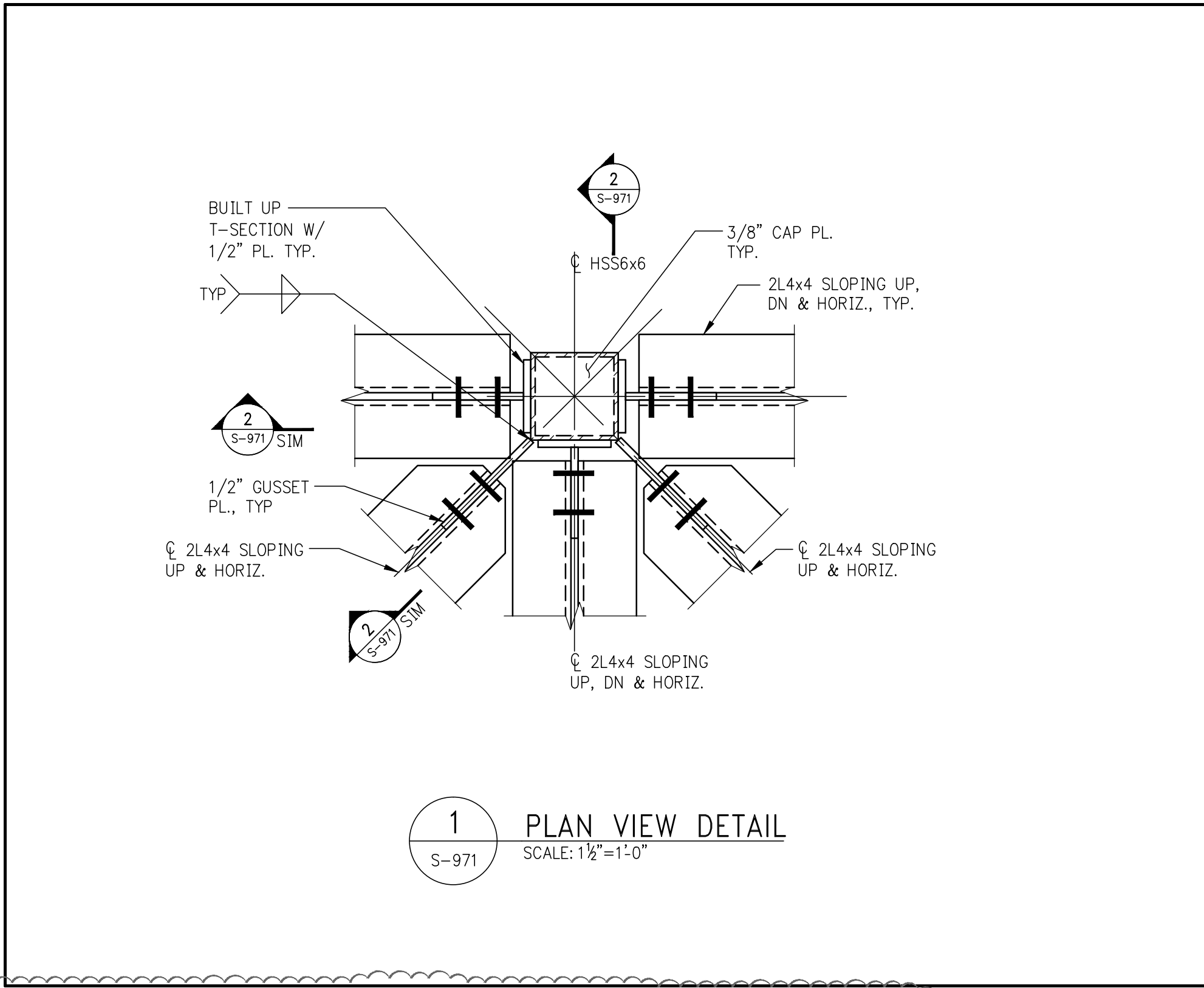
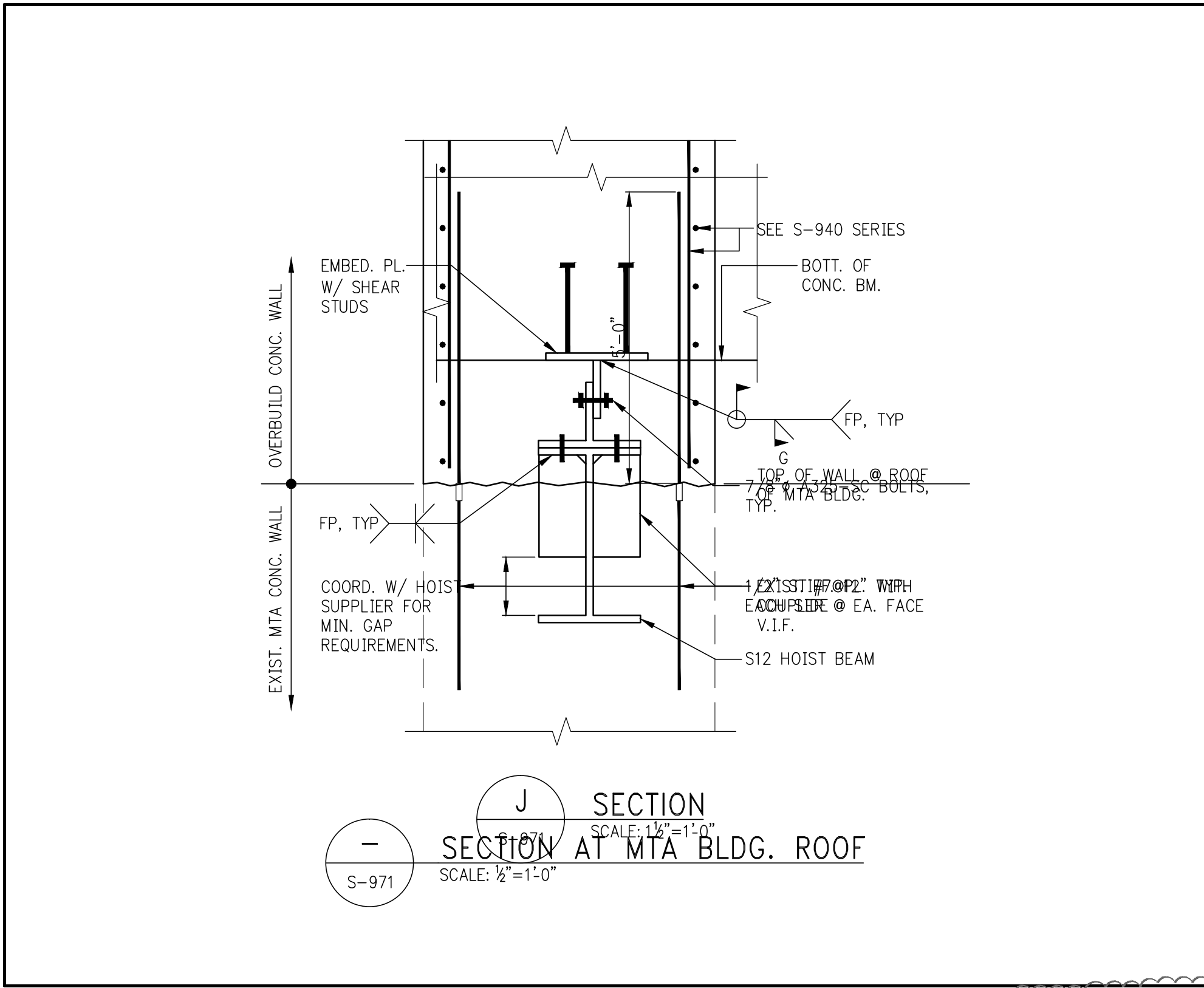
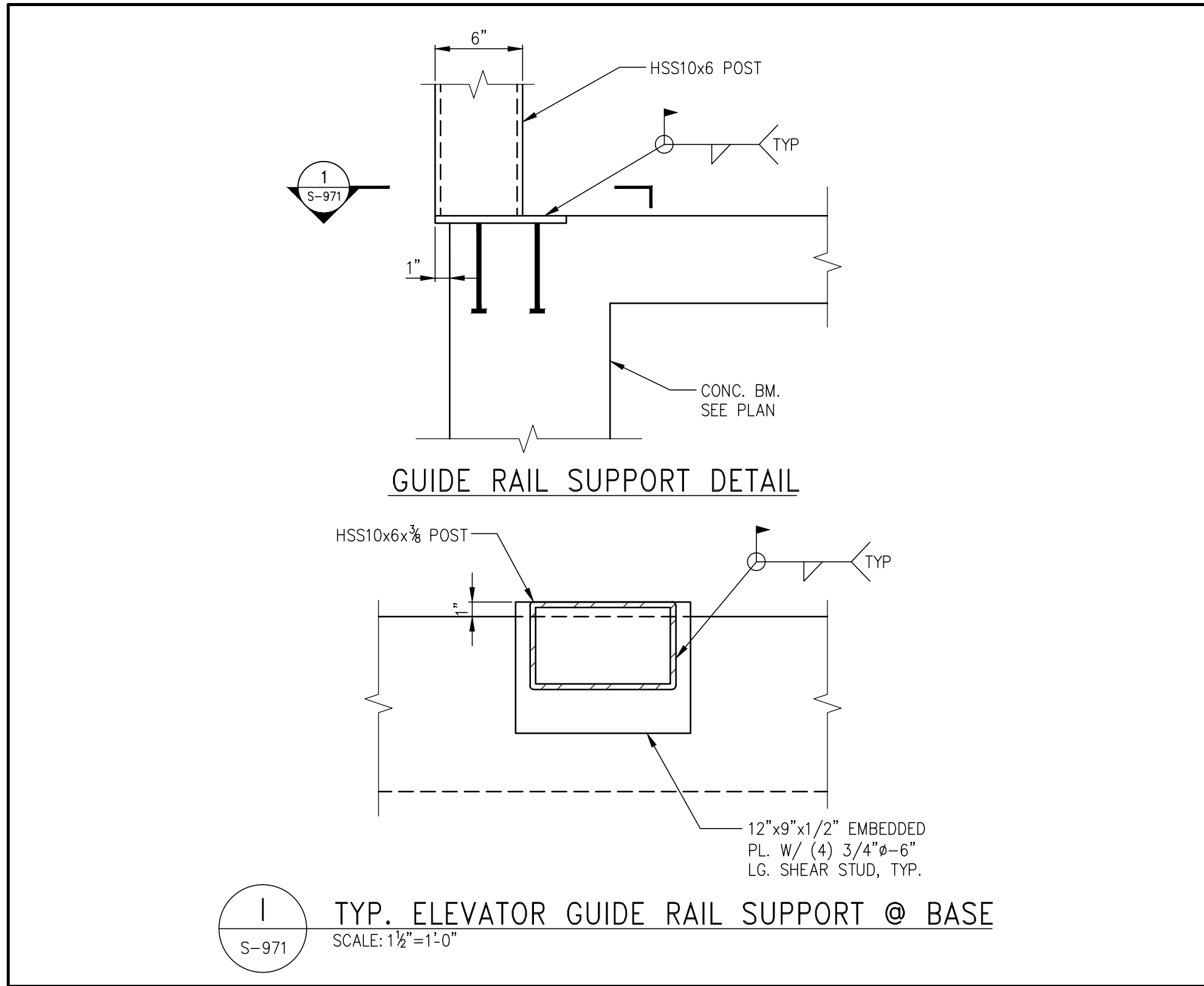
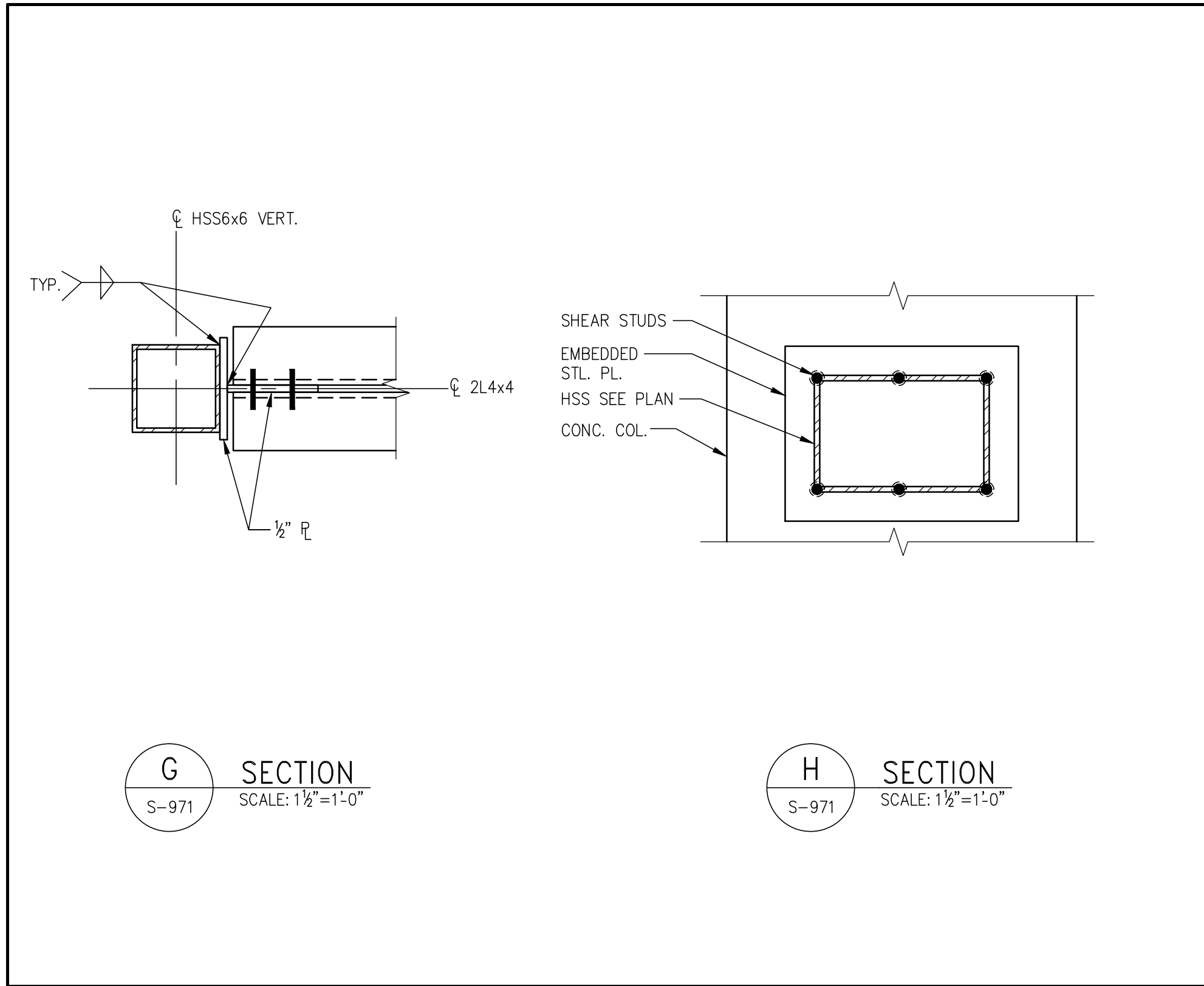
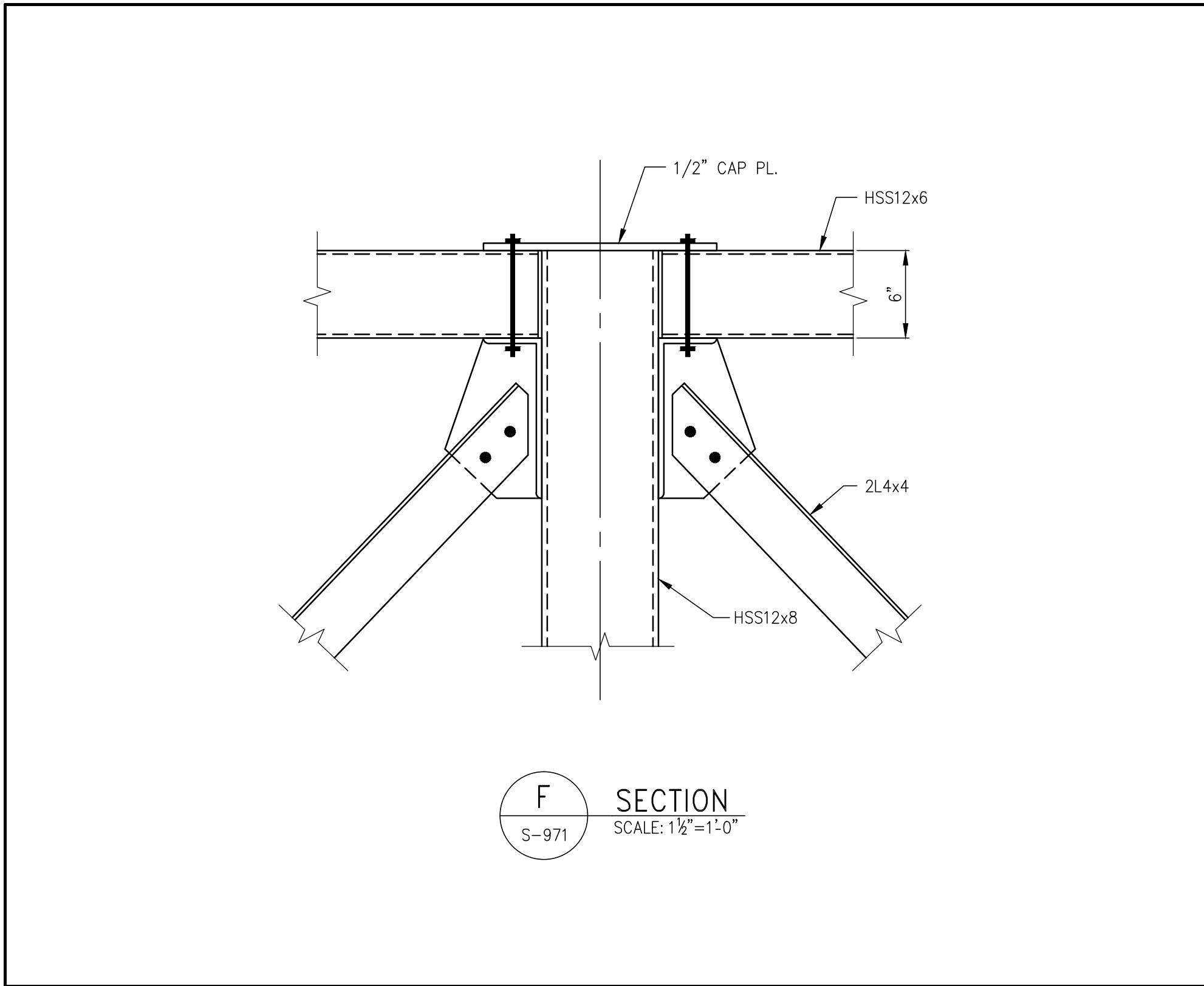
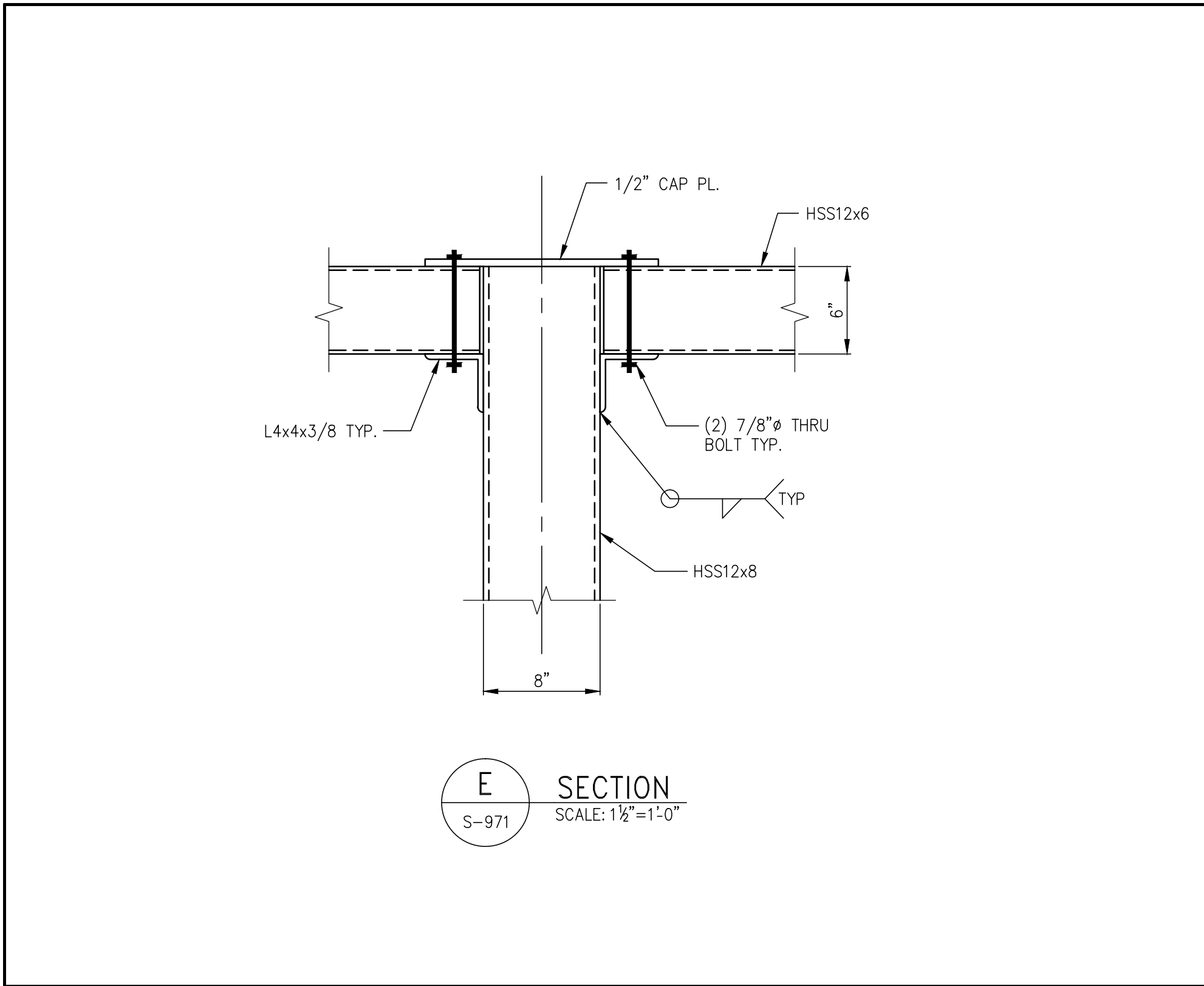
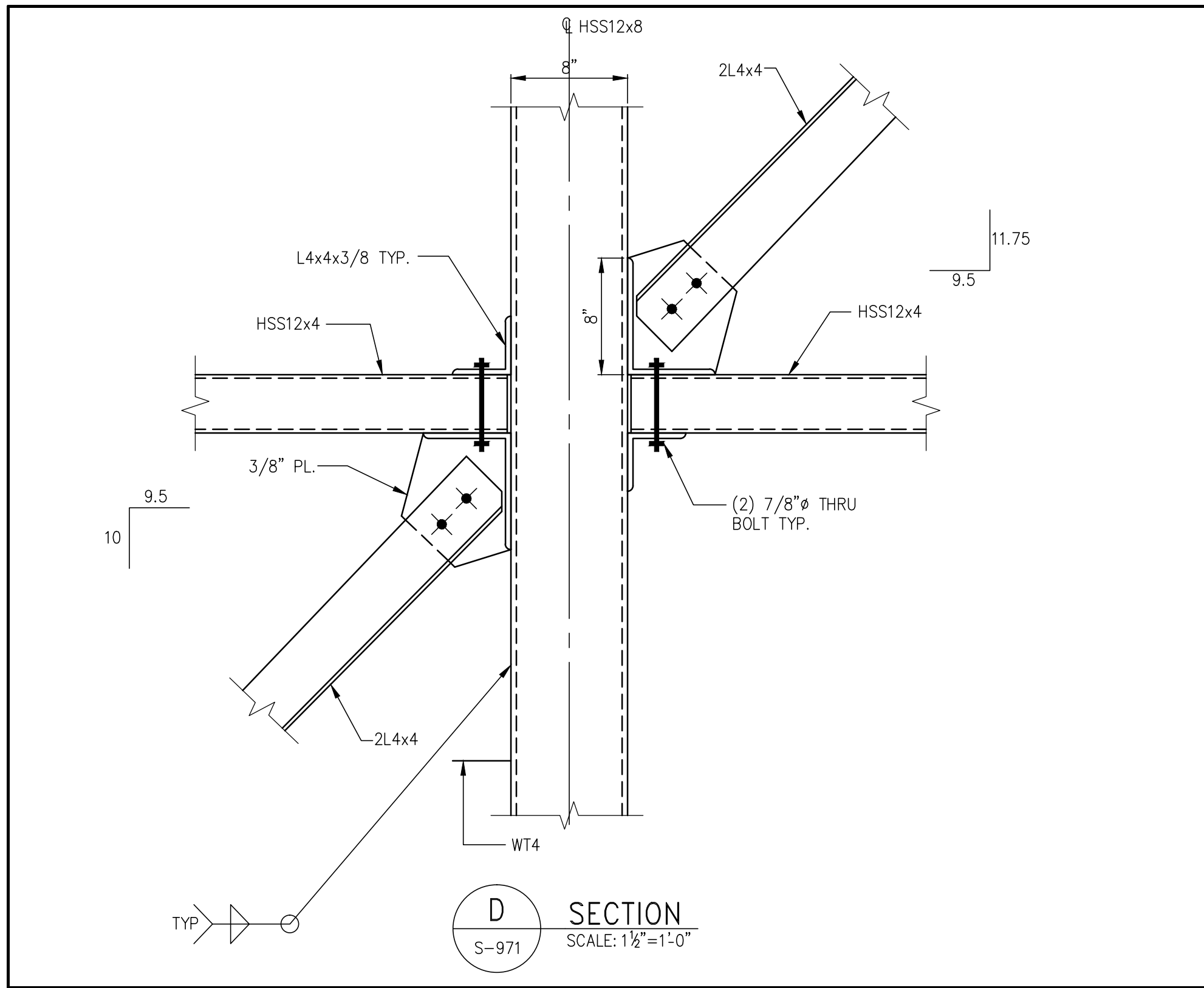
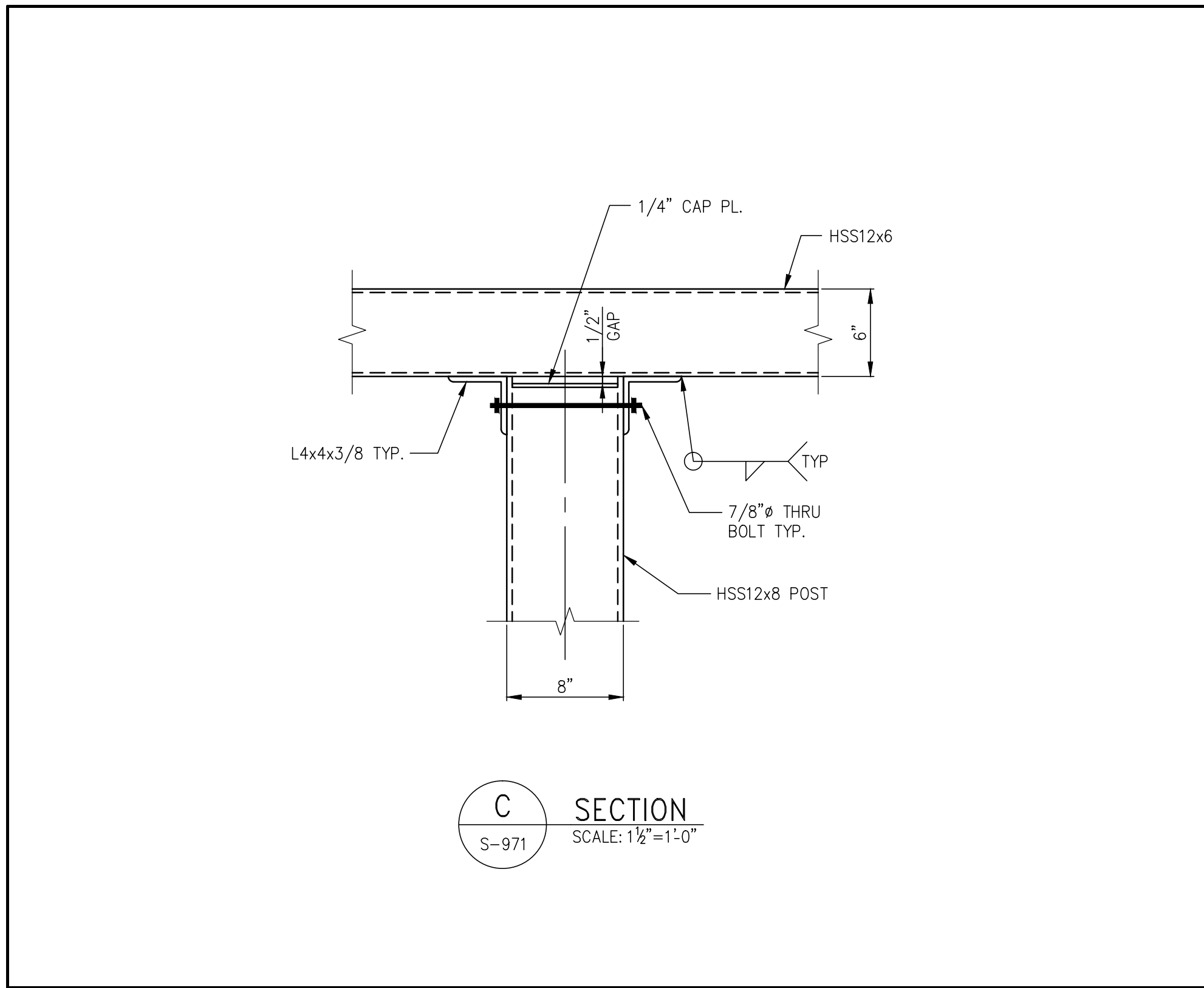
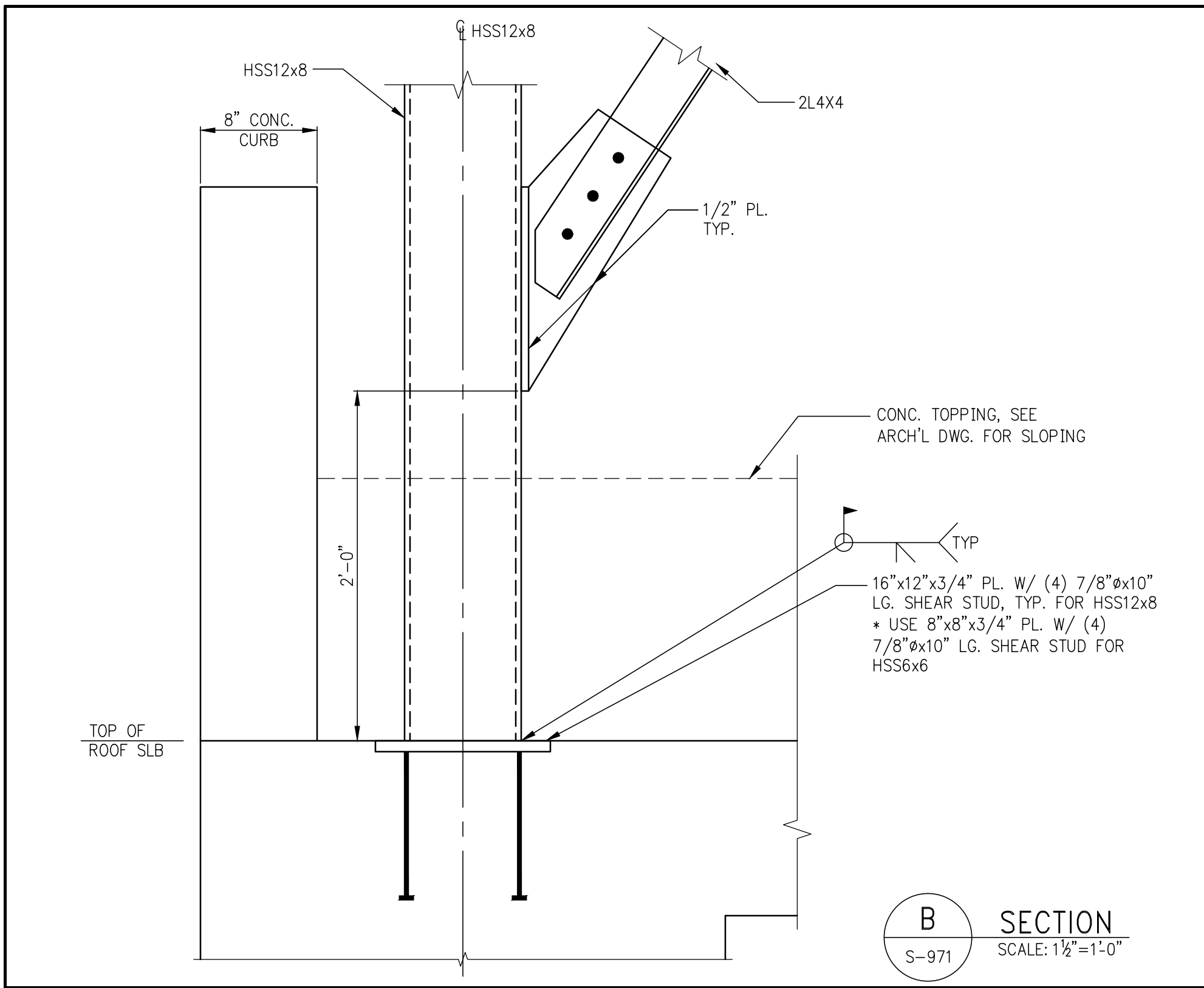
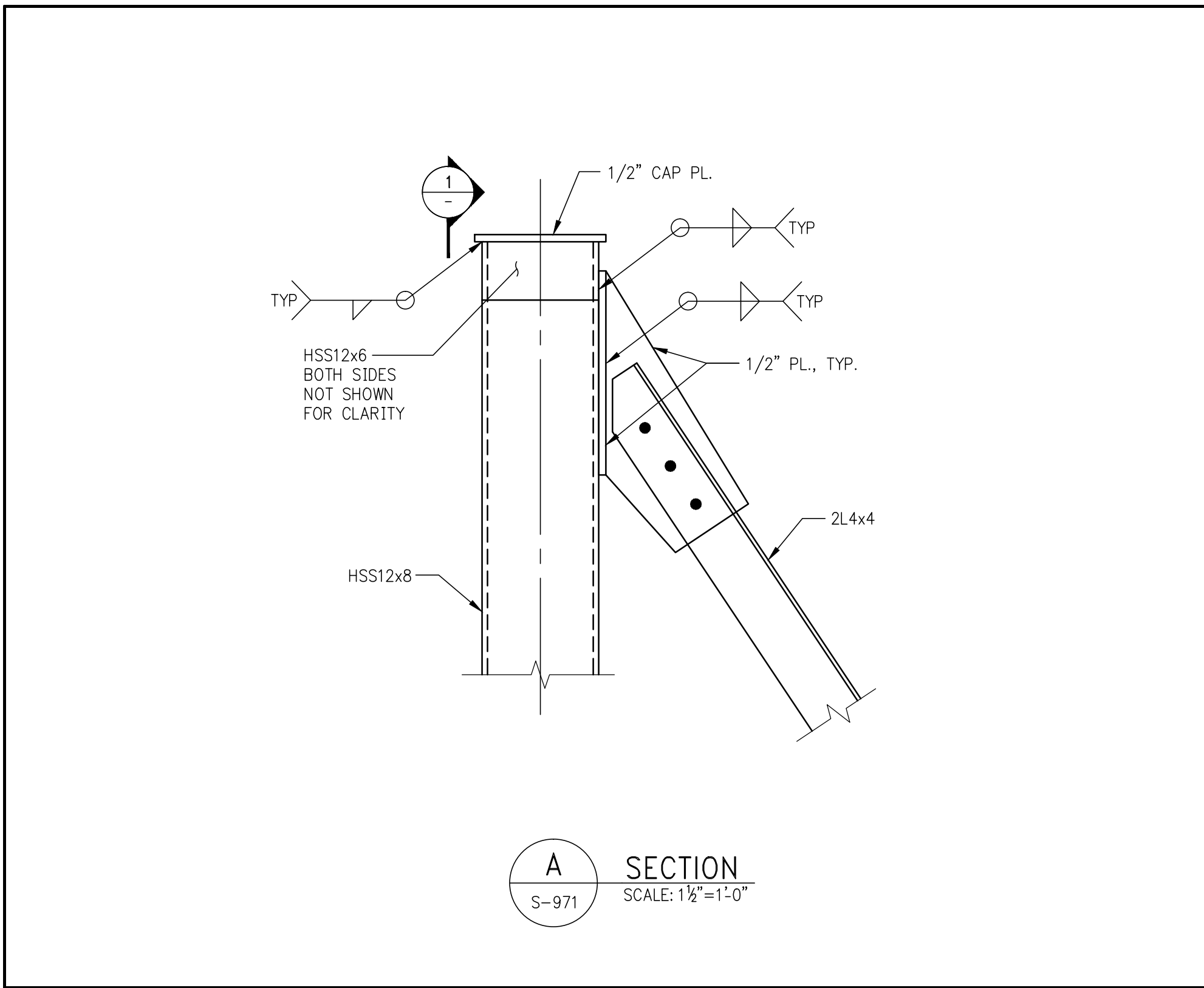
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Issue Date: 04/03/2015  
Project No: 1305480  
Revision No: CADD  
Sheet Number

Drawing Title  
SUPERSTRUCTURE  
SECTIONS 1  
Drawing Number  
S-970.00





55 HUDSON YARDS

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3	D.O.B. BUILDING PERMIT	05/01/2015
2	FILED	04/17/2015
1	100% CONSTRUCTION DOCUMENTS	04/03/2015

No. Description Date

Key Plan

Drawn By: **1305480**  
Checked By: **CADD**  
Sheet Number

Drawing Title

**SUPERSTRUCTURE SECTIONS 1**

**S-971.00**

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60 Columbus Circle  
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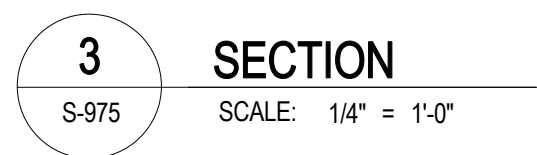
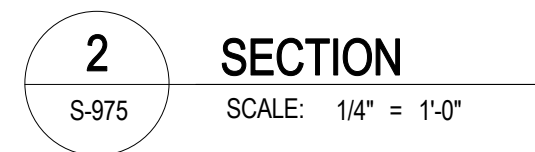
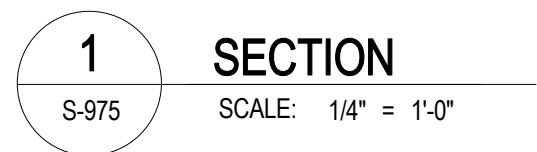
Oxford Properties Group  
320 Park Avenue, 17th Floor  
New York, NY 10022  
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WSP  
512 Seventh Avenue  
New York, NY 10018  
Tel: 212.532.9600



*Drawing Table*

## WATER TANK SECTIONS AND DETAILS

*Developing Now*

**S-975.00**



55 HUDSON YARDS

Address  
550 W 34th St. New York, NY  
10001



Client  
Related Companies  
60 Columbus Circle  
New York, NY 10023  
New York, NY 10023  
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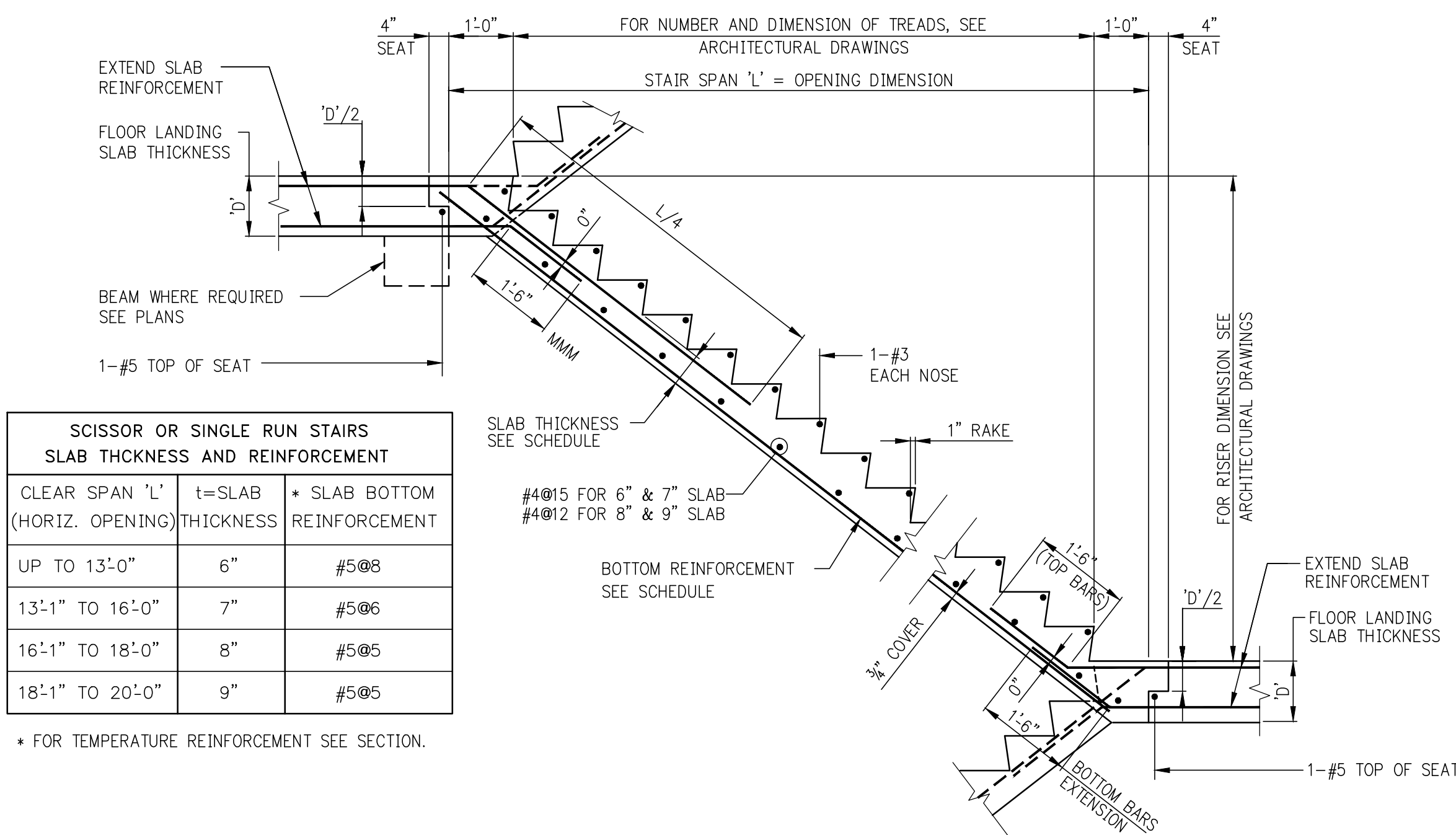
Oxford Properties Group  
320 Park Avenue, 17th Floor  
New York, NY 10022  
Tel: 212.966.7514 Fax: 212.986.7510

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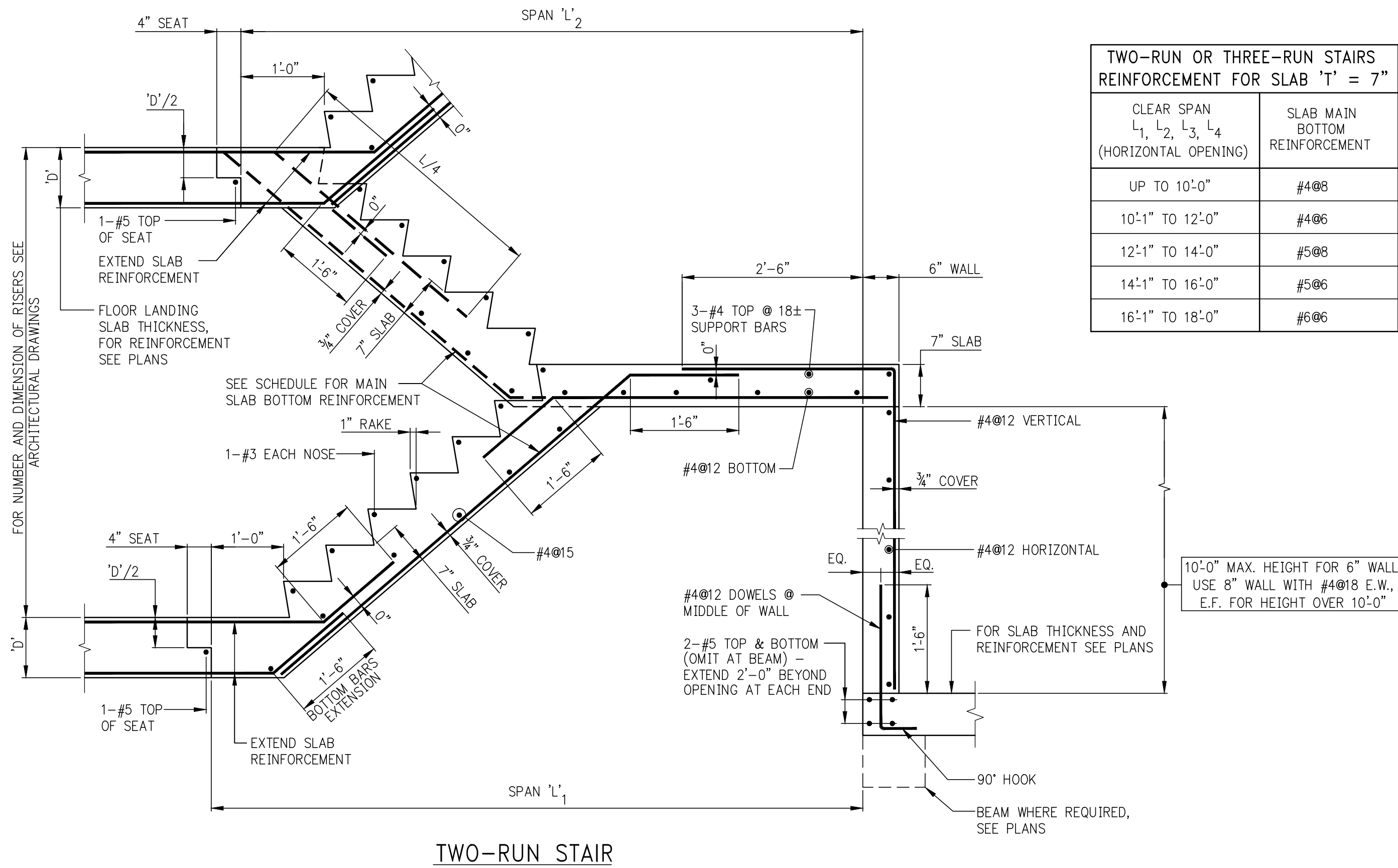
Structural Engineer  
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Mechanical, Electrical, Plumbing, Fire Protection  
WSP  
512 Seventh Avenue  
New York, NY 10018  
Tel: 212.532.9600

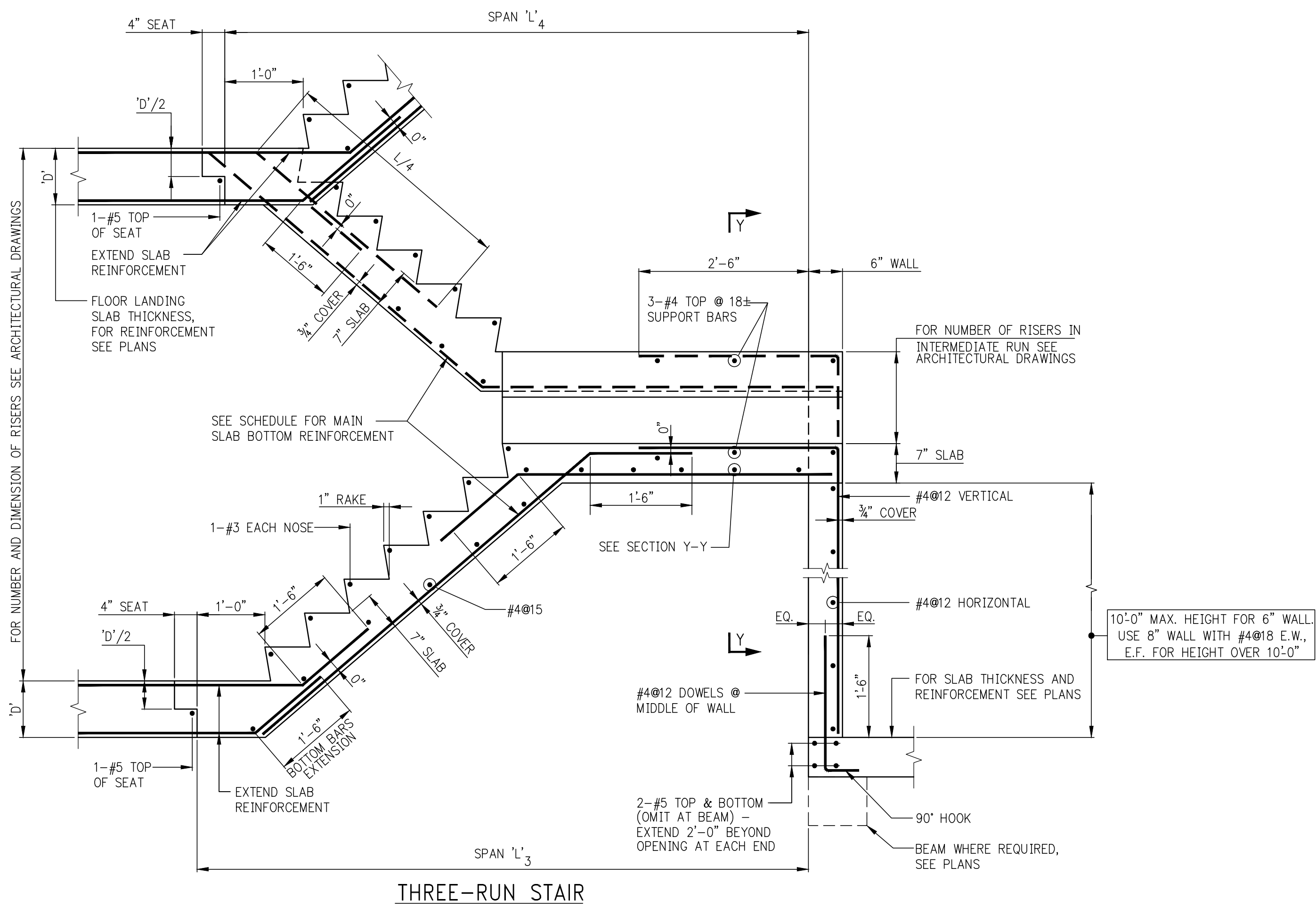


SCISSOR OR SINGLE RUN STAIR

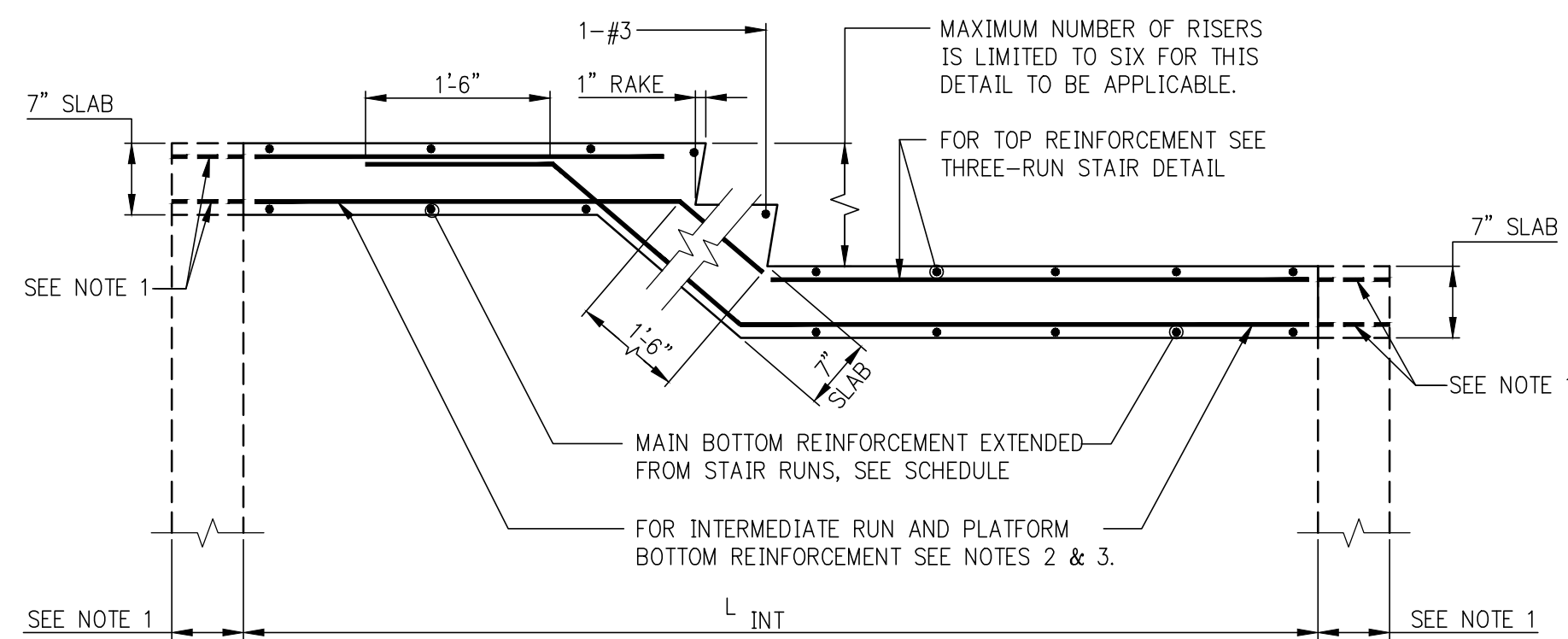
FOR FLOOR REINFORCEMENT EXTENDED INTO STAIR  
SLAB, SEE TRAWING PLANS.



TWO-RUN STAIR

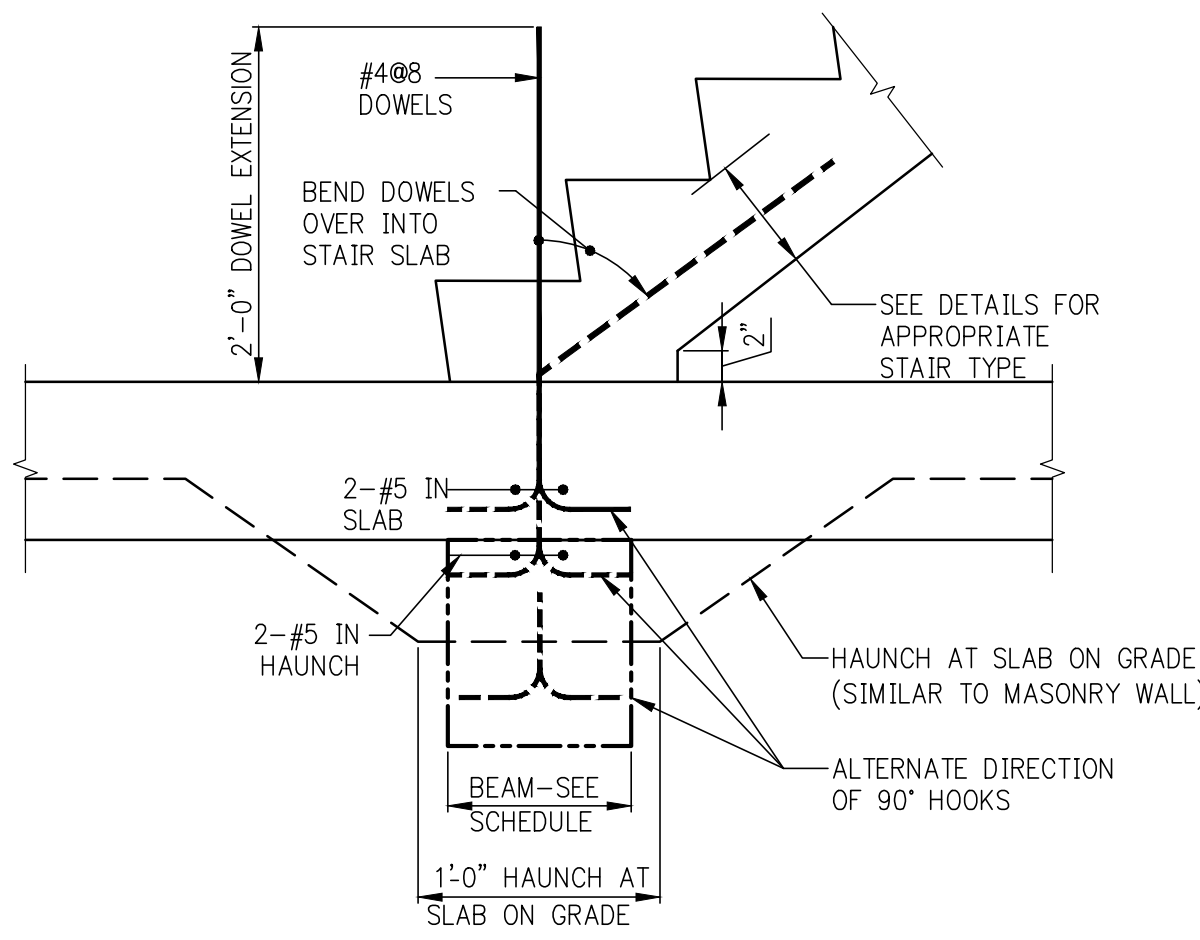


THREE-RUN STAIR

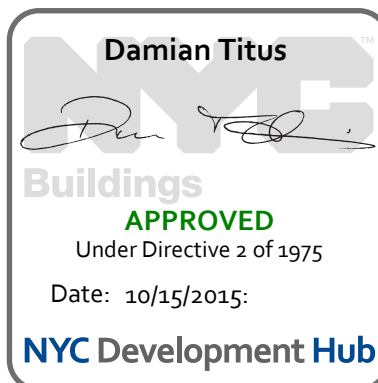


SECTION Y-Y  
(AT THREE-RUN STAIR)

- NOTES:
1. EXTEND SLAB AND REINFORCEMENT OVER SUPPORT WALLS WHERE WALLS ARE SHOWN ON PLANS.
  2. WHERE L<sub>INT</sub> IS NOT SUPPORTED AT ENDS, PROVIDE:  
#4@12 BOTTOM
  3. WHERE L<sub>INT</sub> IS SUPPORTED, PROVIDE:  
#4@8 FOR L<sub>INT</sub> UP TO 10'-0",  
#4@6 FOR L<sub>INT</sub> BETWEEN 10'-1" AND 12'-0".  
FOR L<sub>INT</sub> SPANNING MORE THAN 12'-0",  
DESIGNER TO PROVIDE DETAILS.



BOTTOM OF STAIR-NO SLAB OPENING



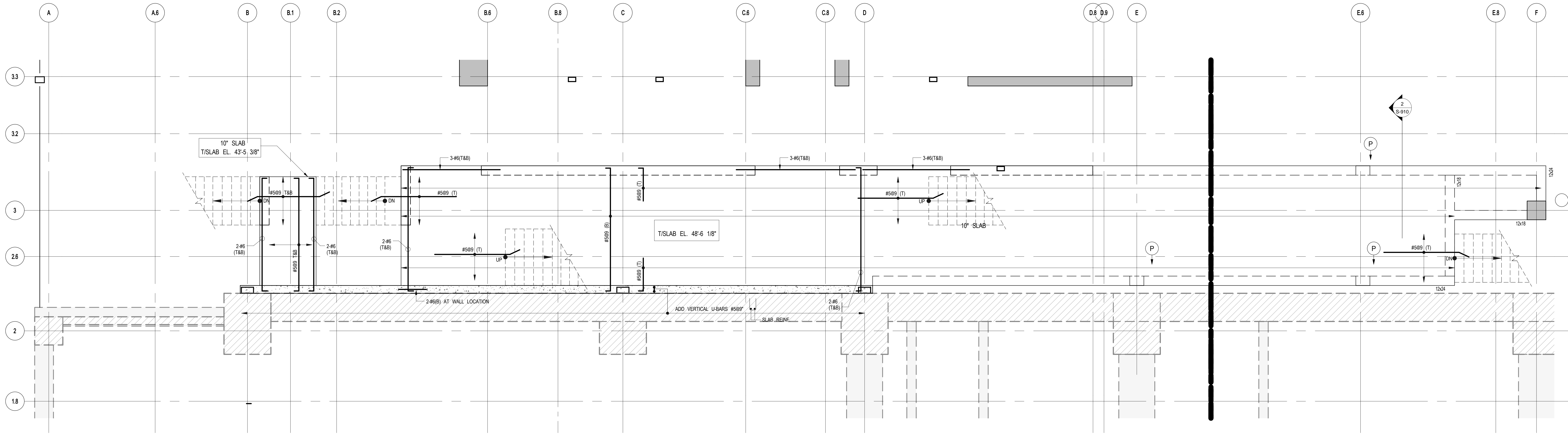
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Project No: 1305480  
Revision No: CADD  
Sheet Number

STAIR TYPICAL  
DETAILS

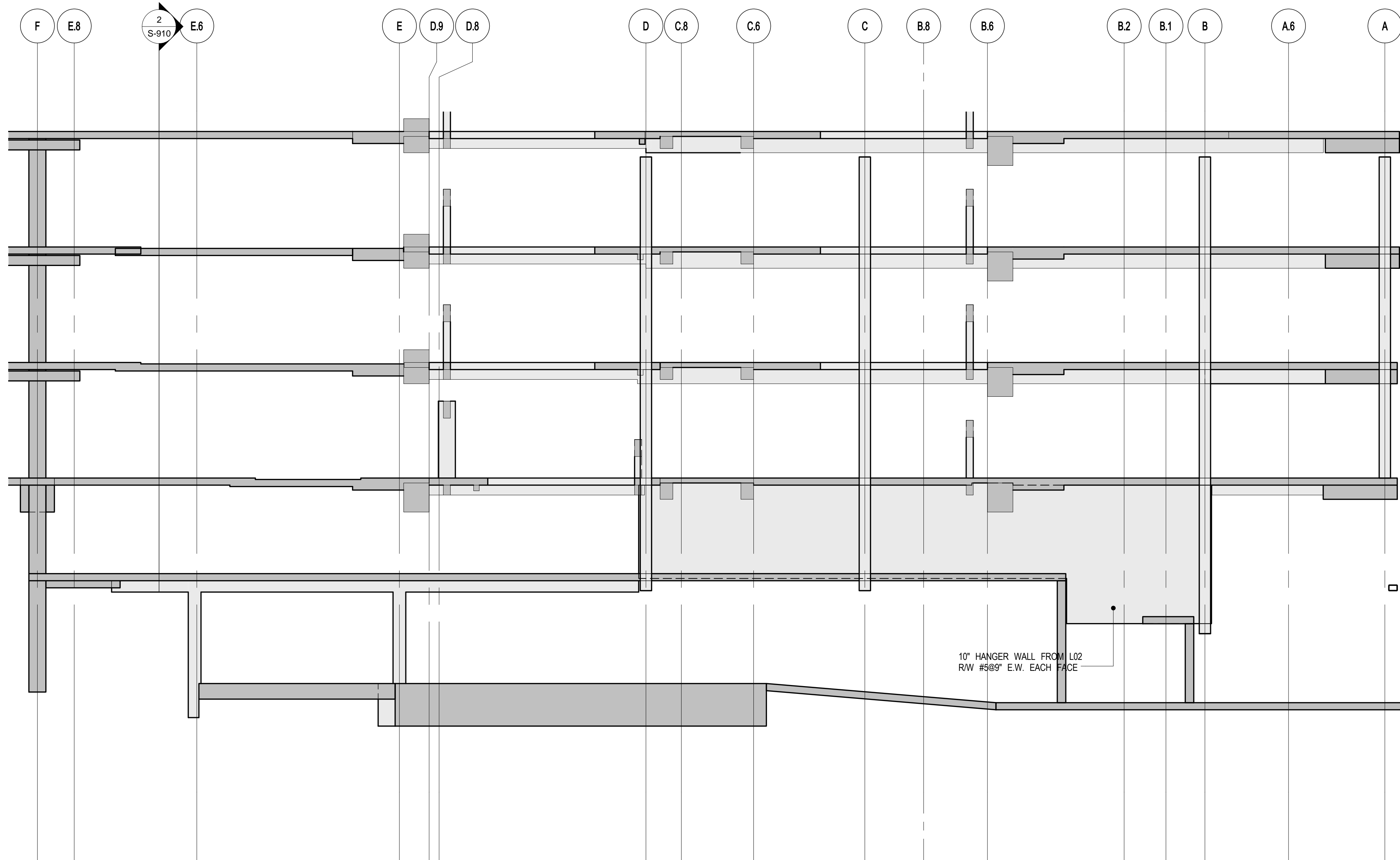
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S-980.01

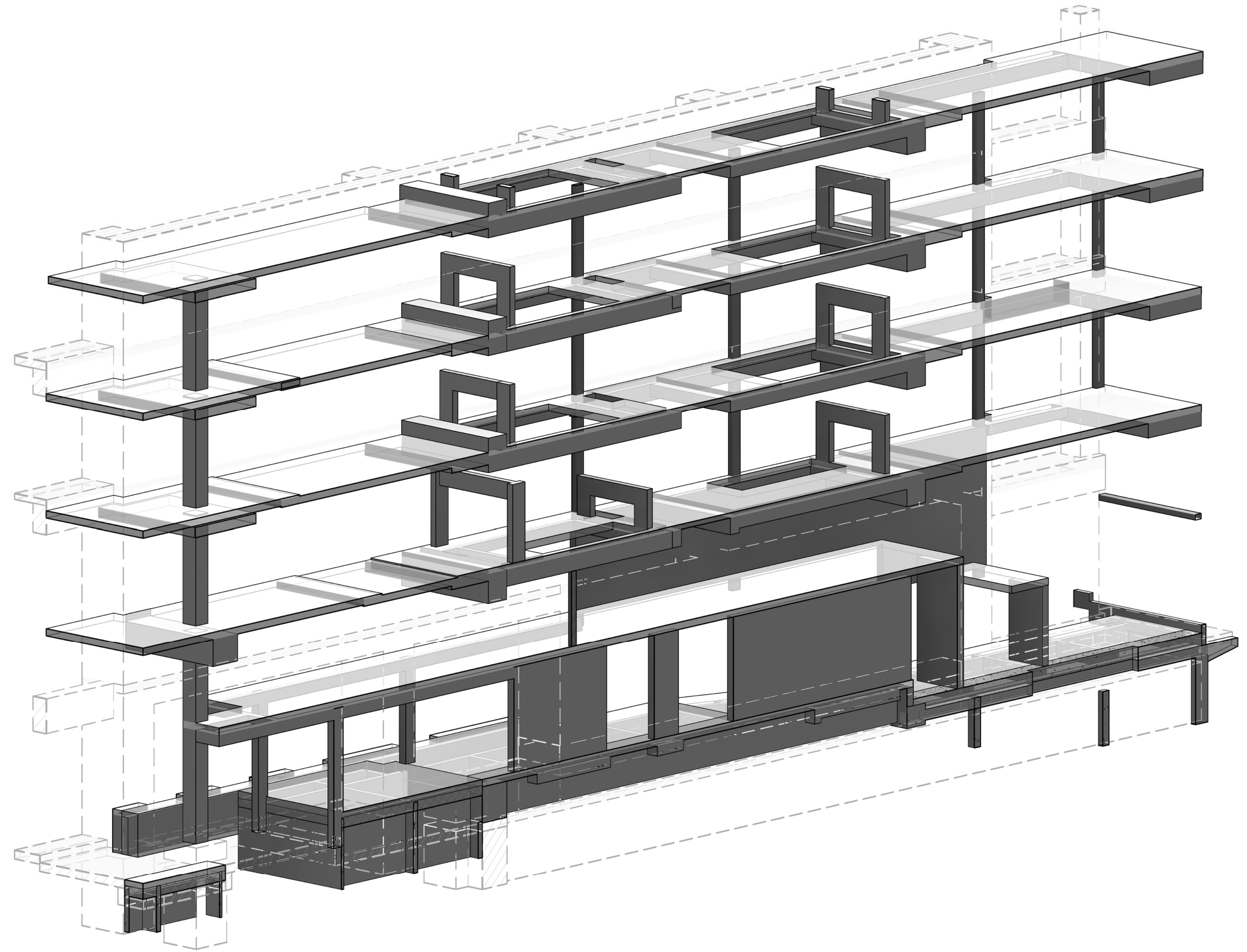




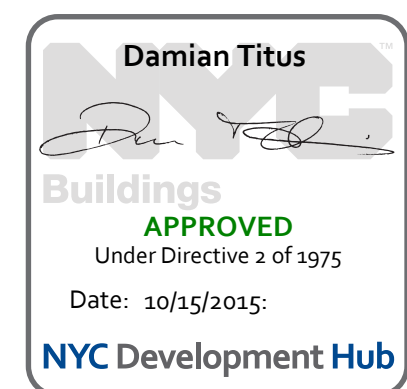
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SCALE: 1/4" = 1'-0"



2 STAIR SECTION  
SCALE: 1/8" = 1'-0"



3D 3D VIEW  
SCALE: 1/8" = 1'-0"



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No.	Description	Date
1	D.O.B. BUILDING PERMIT FILING	05/01/2015
	100% CONSTRUCTION DOCUMENTS	04/03/2015

Rev. Plan

Issue Date: 04/03/2015  
Project No: 1305480  
Drawn By: CADD  
Sheet Number: 1305480-S-985

Drawing Title  
STAIR PART PLAN AND SECTIONS 1

Sheet Number  
S-985.00





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Architects & Planning Consultants  
11 West 42nd Street  
New York, New York 10036  
TEL: 212.977.6500 FAX: 212.956.2526

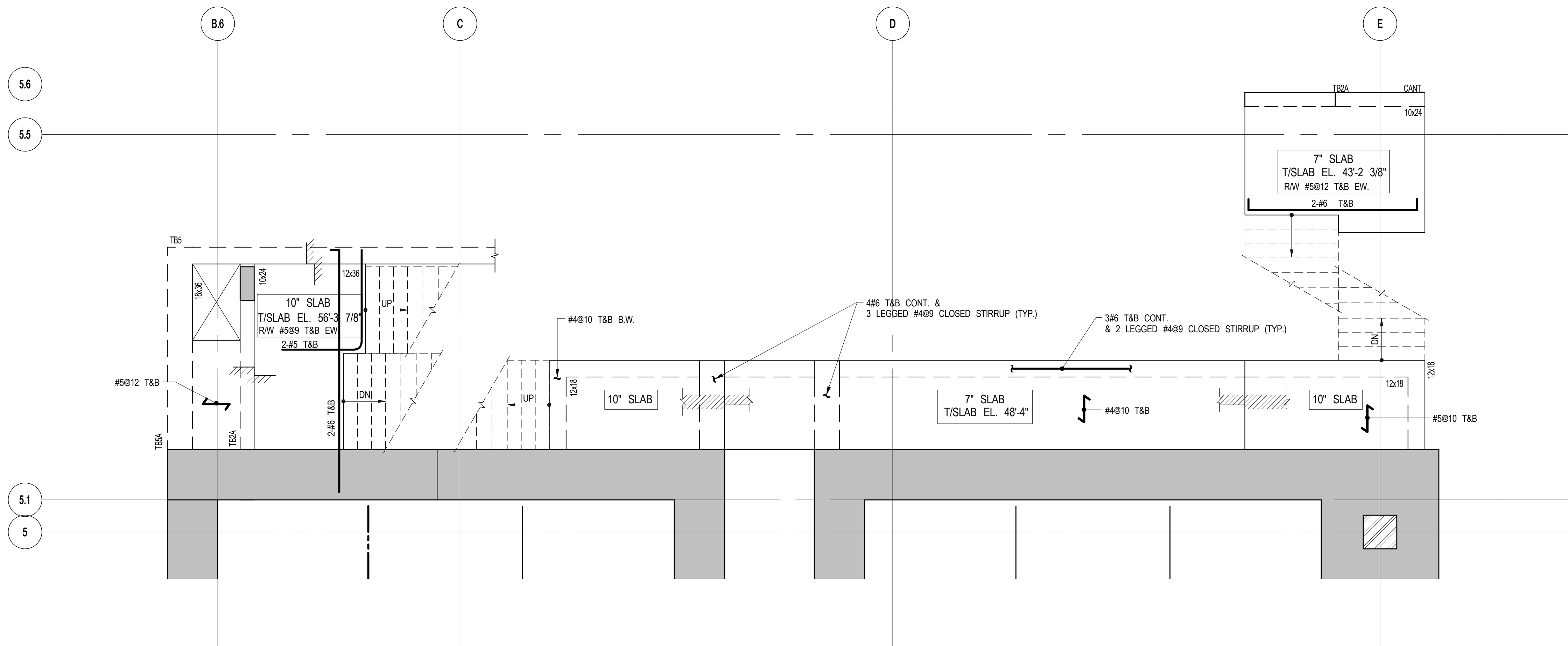
Structural Engineer

WSP  
228 East 45th Street, 3rd Floor  
New York, NY 10017  
Tel: 212.687.9888 Fax: 646.487.5501

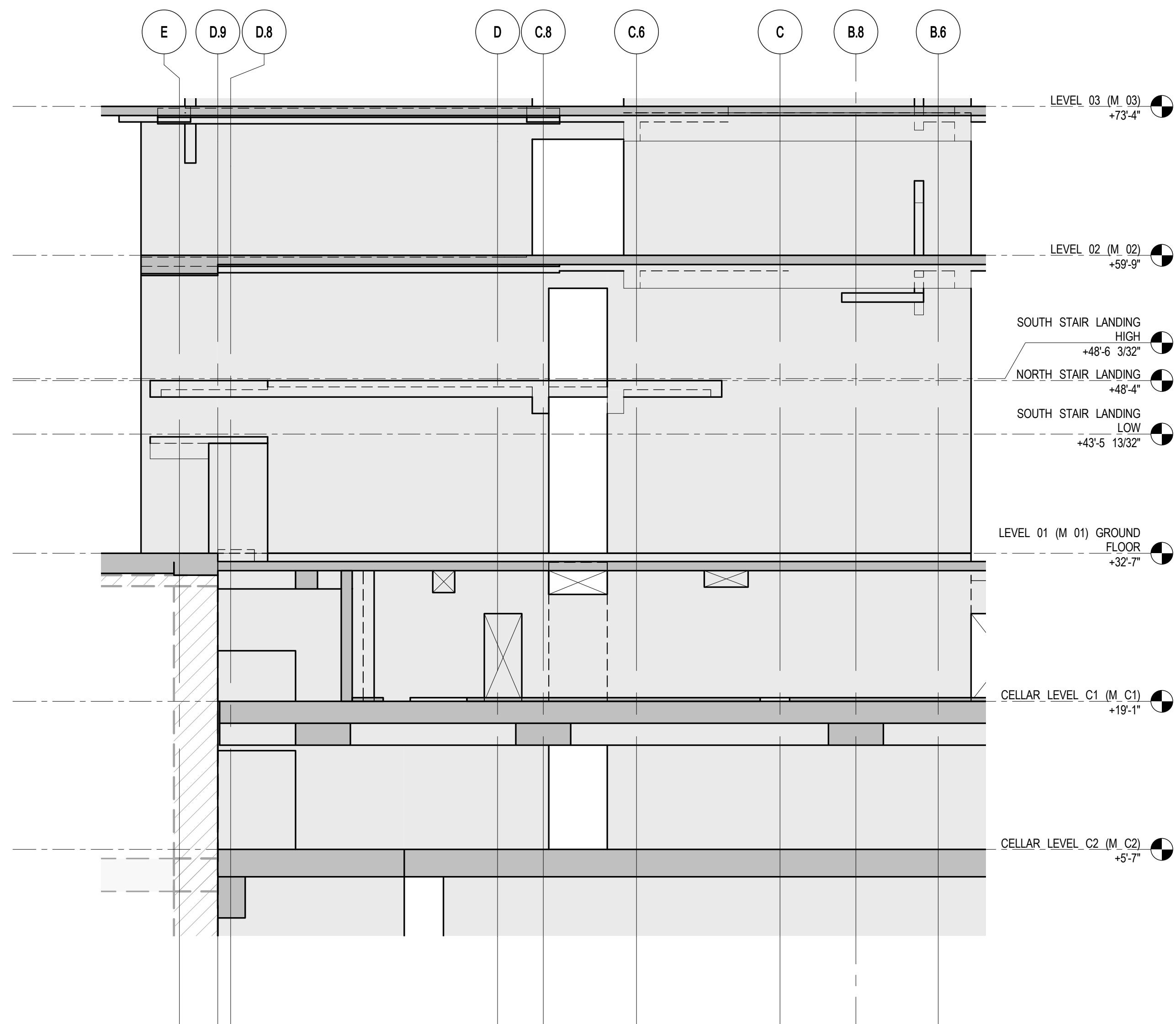
Mechanical, Electrical, Plumbing, Fire Protection

WSP

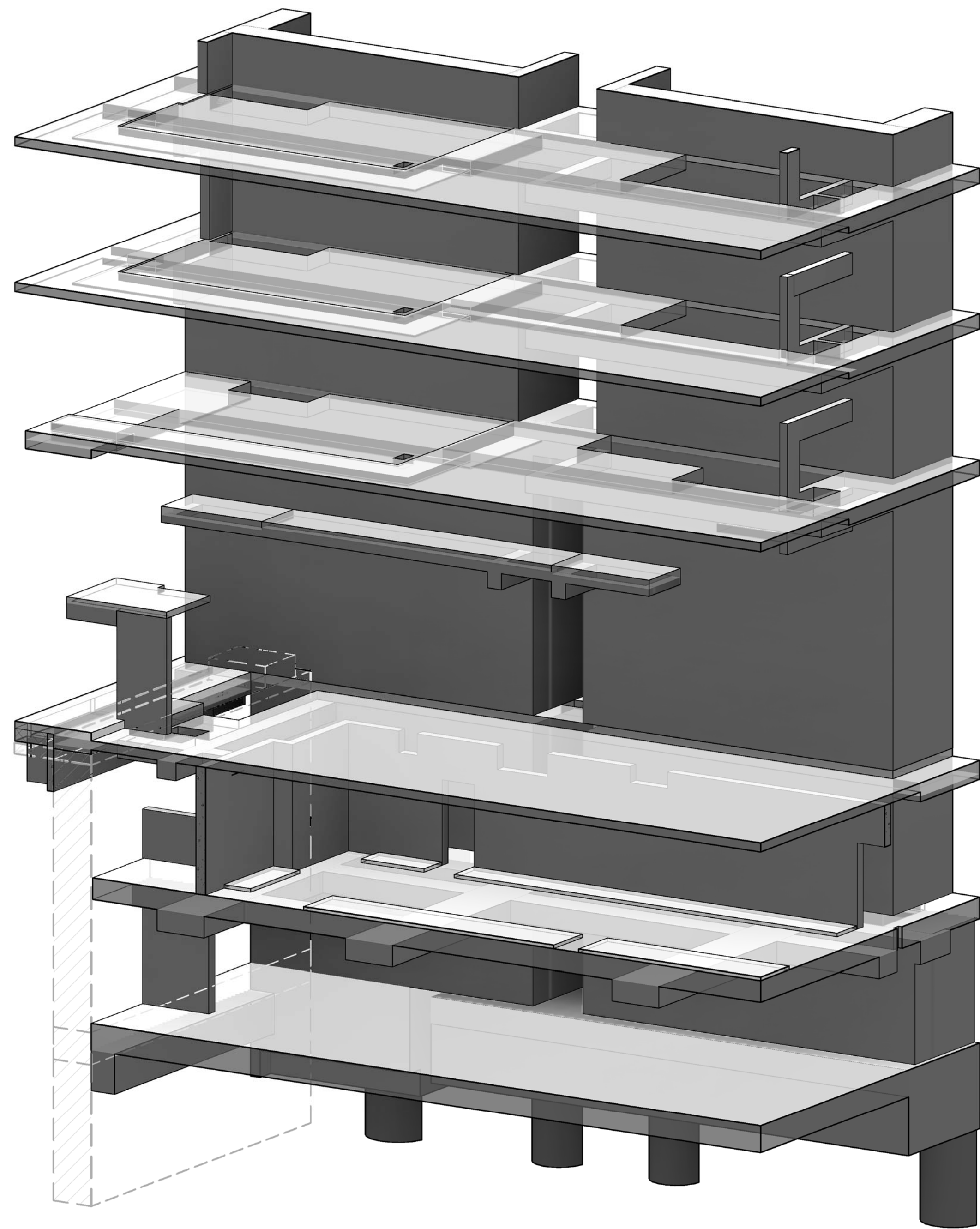
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Tel: 212.532.9600



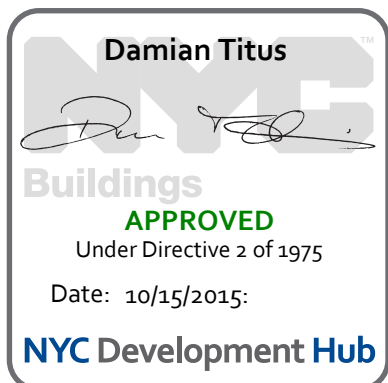
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2 STAIR SECTION  
SCALE: 1/8" = 1'-0"



3D 3D VIEW  
SCALE: 1/8" = 1'-0"



Issue Date: 04/03/2015  
Project No: 1305480  
Drawn By: CADD  
Sheet Number: 1305480-S-986

Drawing File

STAIR PART PLAN AND SECTIONS 2

Drawing Number

S-986.00