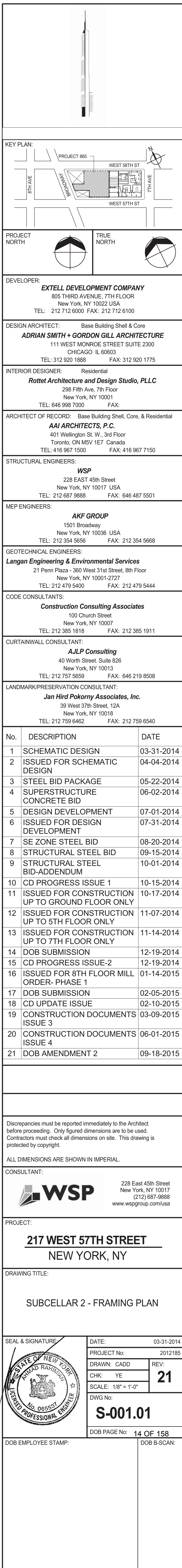
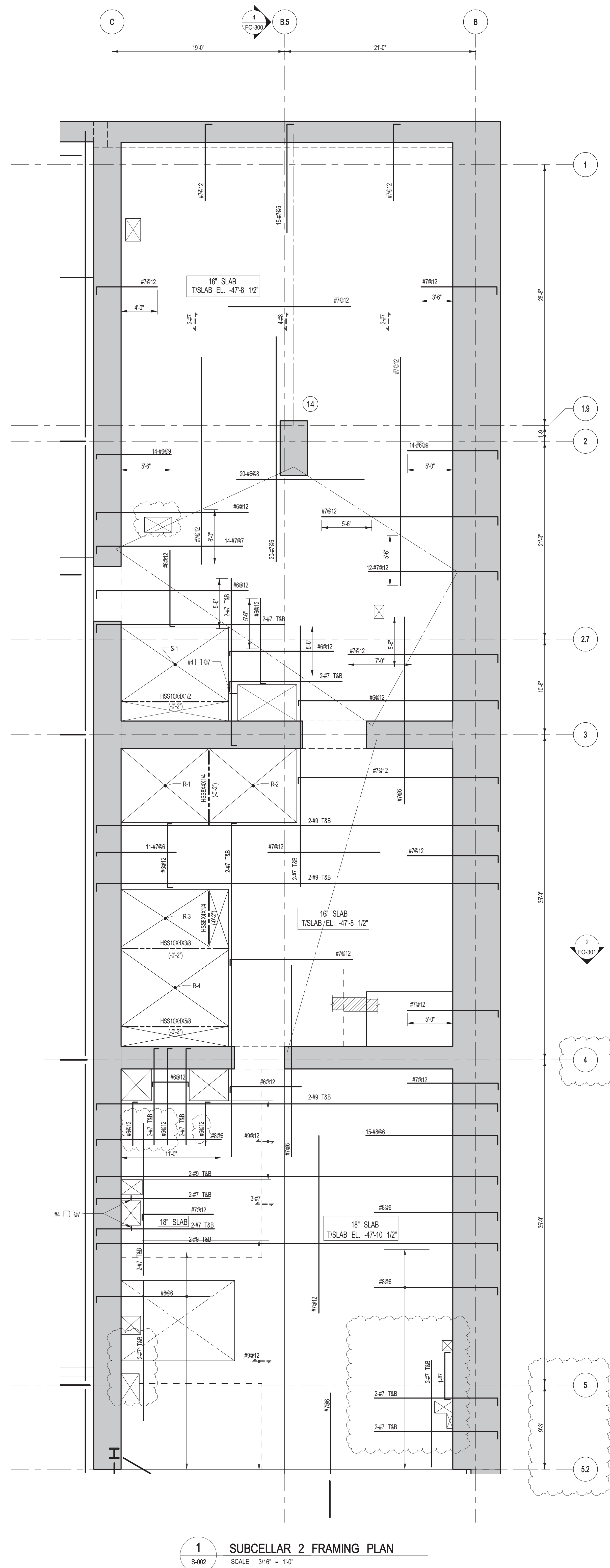




STILL NOTES:

1. TOP OF STRUCTURAL SLAB SHOWN AS -474.17' ELEV.
2. SLAB CONSTRUCTION SHALL BE 35% NORMAL WEIGHT CONCRETE ON TOP OF 2" DEEP H-10 F-90K GRISS COATED GALVANIZED METAL DECK.
3. TOP OF SLAB SHALL BE 35% NORMAL WEIGHT CONCRETE WITH #4BZ TOP FLAT CONCRETE RANDOM AT 28 INSPACES.
4. TOP OF STEEL SHALL BE 57" BELOW TOP OF SLAB BEANS SPECIFIED MIN 1" UON THIS (A) INDICATING DISTANCE ABOVE OR BELOW TOP OF STEEL.
5. STEEL SHALL BE 1/8" X 5' LONG ALL STEEL BEANS SHALL HAVE MIN 1 STUDT UON THIS (A) INDICATING DISTANCE ABOVE OR BELOW TOP OF STEEL.
6. * INDICATES ADDITIONAL "OD" STUDS OVER 1/4"
7. * INDICATES STUDS NOT SHOWN ARE A MINIMUM OF 10 WPS FOR BEANS LESS THAN 15 FEET LONG.
8. WHERE NOTED ON PLAN BEAN R/S SHALL BE #8BZ TOP FLAT + #4BZ2 BOTTOM FLAT.
9. FOR SHEARWALL REINFORCEMENT PLANS SEE S400 SERIES DRAWINGS FOR SHEARWALL REINFORCEMENTS SEE S400 AND S400 SERIES DRAWINGS.
10. FOR TOPICAL REINFORCEMENT DETAILS SEE S400 SERIES DRAWINGS.
11. FOR TOPICAL CONCRETE SUPERSTRUCTURE DETAILS SEE S400 SERIES DRAWINGS.
12. FOR TOPICAL MASONRY DETAILS SEE S400 SERIES DRAWINGS.
13. FOR LOADING DIAGRAMS SEE S400 SERIES DRAWINGS.
14. FOR SUPERSTRUCTURE SECTIONS SEE S300 SERIES DRAWINGS.
15. FOR TOPICAL STEEL DETAILS SEE S400 SERIES DRAWINGS.
16. * BEAMS WITH OR CROSSING TROUGH CRANE OPENING SHALL BE INSTALLED AFTER CRANE IS REMOVED.
17. ALL W11 REINFORCEMENT SHALL BE ASTM A572 GR. 50 (Fy=58ksi)
18. FOR BALANCE OF NOTES AND LEGEND SEE S400 SERIES DRAWINGS.

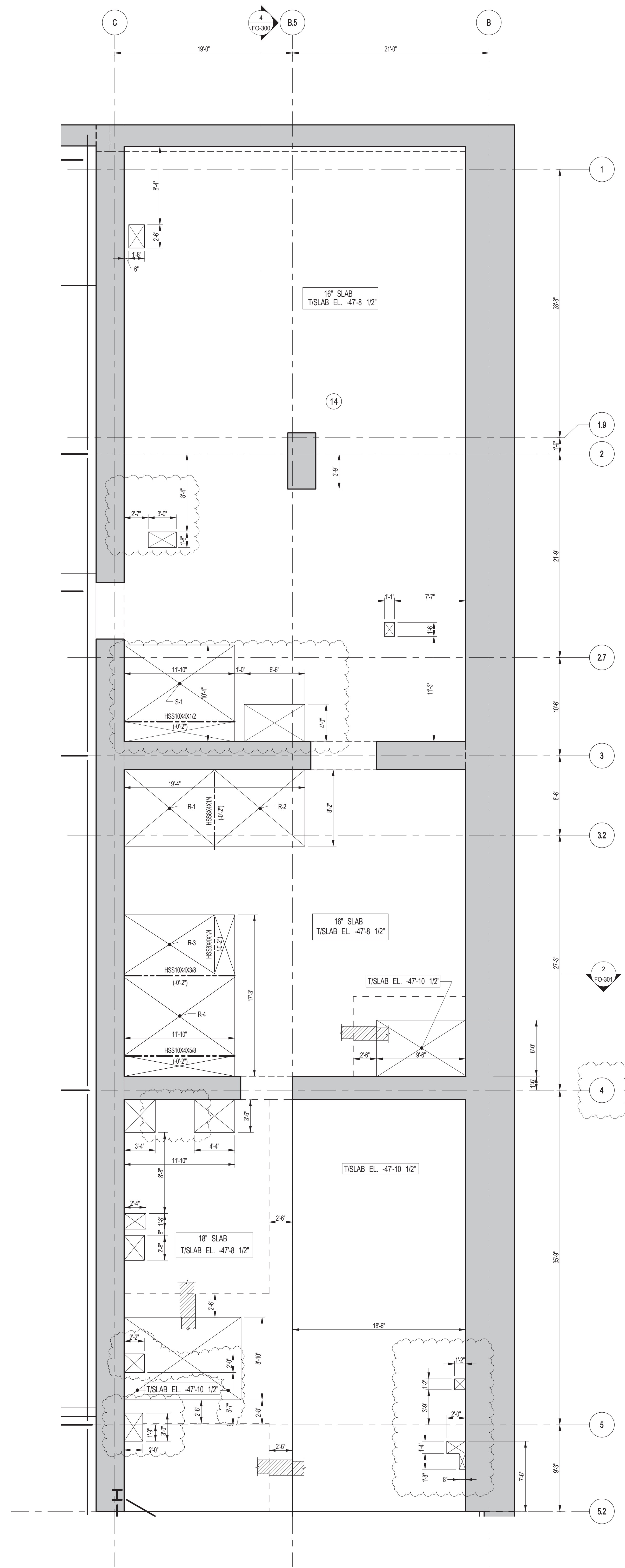




1 SUBCELLAR 2 FRAMING PLAN

NOTES

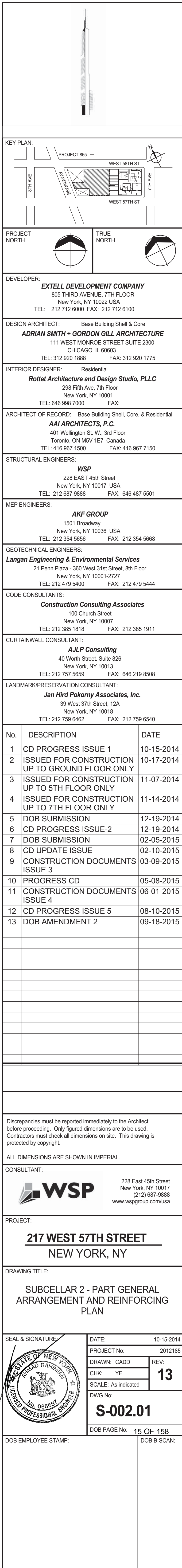
1. FOR T/SLAB ELEVATION SEE S-001
2. CONCRETE SLAB SHALL BE 18" THICK U.O.N. THUS ON PLAN
3. CONCRETE STRENGTH f_c OF SLAB SHALL BE 10,000 psi.
4. BOTTOM REINFORCEMENT TO BE: #7@12 E.W. CONT. FOR 18" SLAB
AND #9@12 E.W. CONT. FOR 18" SLAB
5. FOR BALANCE OF INFORMATION SEE DRAWING S-001



2 SUBCELLAR 2 GENERAL ARRANGEMENT PLAN

NOTES:

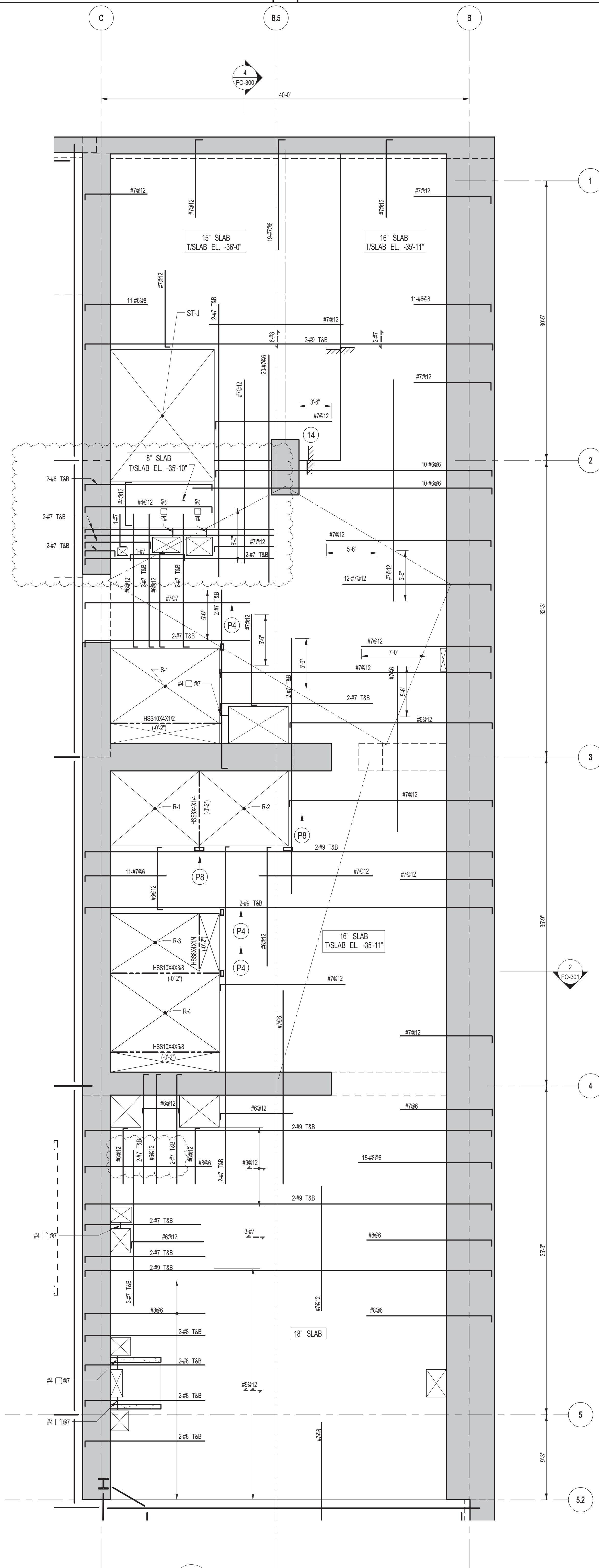
1. FOR SLAB INFORMATION SEE CORRESPONDING FRAMING PLAN





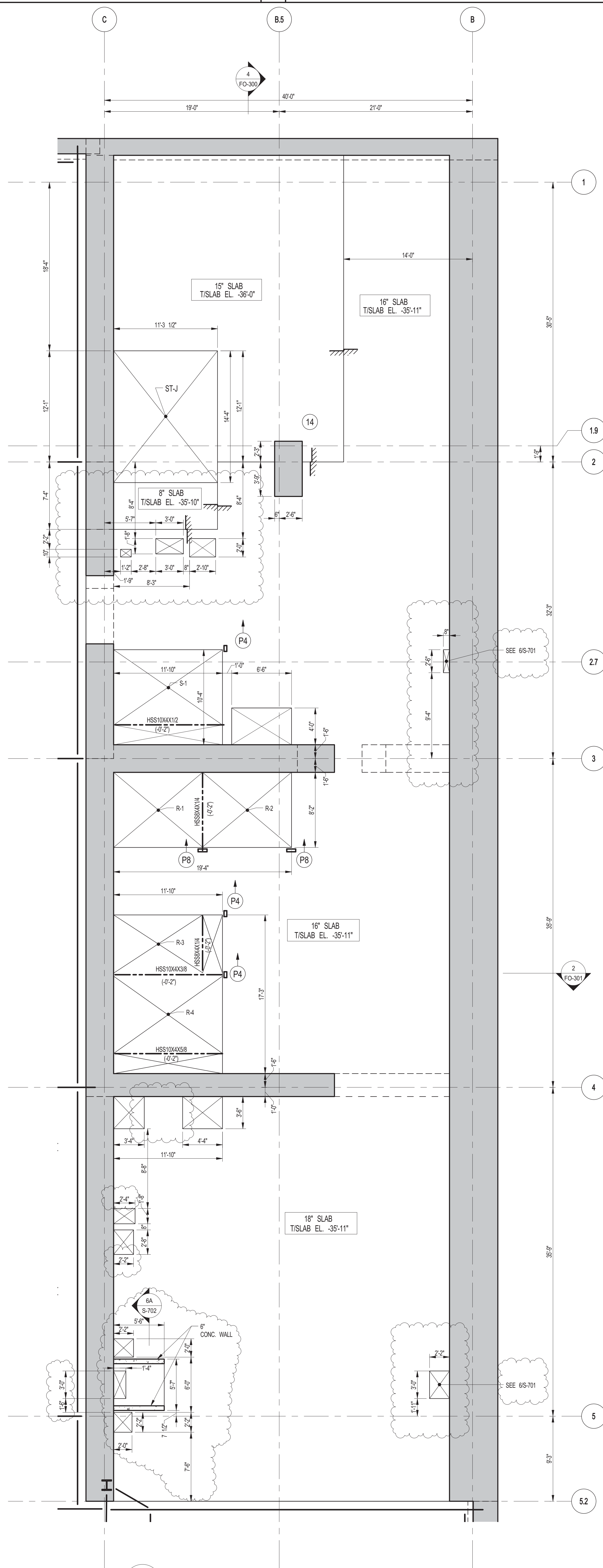
NOTES:

1. TOP OF STRUCTURAL SUBSLAB SHALL BE 35'-11" HIGHER WEIGHT CONCRETE ON TOP OF 2" DEEP 10GA #4@16 (KS) CARPOBITE REINFORCED METAL DECK (BELOW TOP SUBS DEPTH=51"); REINFORCED WITH #4@8 TOP & #4@12 BOTTOM PLATES
2. TOP OF STEEL DECK (BELOW TOP OF SUB ELEVATION SPECIFIED IN ITEM 1.0) SHALL BE 11' INDICATING DISTANCE ABOVE OR BELOW TOP OF SUB ELEVATION
3. TOP OF STEEL DECK (BELOW TOP OF SUB ELEVATION) SHALL HAVE MIN 1" STUFTED UJON TOP SURFACE -> ON PLAN
4. PROVIDE FULL LENGTH OF EACH ELEVATOR SUPPORT NOTED THIS ON PLAN. COORDINATE LOCATION OF SUPPORTS
5. ALL BEAM CONNECTIONS SHALL DEVELOP ALLOWED FORCE OF P200K UJON PLAN AT EACH END. IN ADDITION TO ALL
6. 7. INDICATES ADDITIONAL <10> STUDS @ 10" AT END OF BEAM.
8. FOR BEAM REACTIONS NOTED IN ITEM 1.0, PROVIDE 2" X 8" SIPS FOR BEAMS LESS THAN 15 FEET LONG
9. WHERE NOTED SUBS SLAB SHALL BE 35'-11" HIGHER WEIGHT CONCRETE ON TOP OF 2" DEEP 10GA #4@16 (KS) CARPOBITE REINFORCED METAL DECK (BELOW TOP SUBS DEPTH=51"); REINFORCED WITH #4@8 TOP & #4@12 BOTTOM PLATES
10. FOR BALANCE OF NOTES SEE DRAWING 50A
11. 12. ALL BEAM CONNECTIONS SHALL BE INSTALLED AFTER CRANE / HOIST IS REMOVED



1 SUB CELLAR 1 FRAMING PLAN

- SCALE: 3/16" = 1'-0"
- NOTES:
1. FOR SLAB ELEVATION SEE S-010
 2. CONCRETE SLAB SHALL BE 16" THICK UNLESS OTHERWISE NOTED ON PLAN
 3. CONCRETE STRENGTH F_c OF SLAB SHALL BE 4000 PSI
 4. BOTTOM REINFORCEMENT TO BE: #4@12 E.W. CONT. FOR 8" SLAB, #4@12 E.W. CONT. FOR 10" & 12" SLAB, #4@12 E.W. CONT. FOR 16" SLAB
 5. FOR BALANCE OF INFORMATION SEE DRAWING S-011



2 SUB CELLAR 1 GENERAL ARRANGEMENT PLAN

- SCALE: 3/16" = 1'-0"
- NOTES:
1. FOR SLAB INFORMATION SEE CORRESPONDING FRAMING PLAN

TRUE NORTH

KEY PLAN

PROJECT NORTH

DEVELOPER: **EXTREME DEVELOPMENT COMPANY**
 805 THIRD AVENUE, 7TH FLOOR
 NEW YORK, NY 10022 USA
 TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT: **ADRIAN SMITH + GORDON GILL ARCHITECTURE**
 111 WEST MONROE STREET SUITE 2300
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INTERIOR DESIGNER: **Rottet Architecture and Design Studio, PLLC**
 208 Fifth Ave, 7th Floor
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ARCHITECT OF RECORD: **AAI ARCHITECTS, P.C.**
 401 Wellington St. W., 3rd Floor
 Toronto, ON M5V 1E7 Canada
 TEL: 416 967 1500 FAX: 416 967 7150

STRUCTURAL ENGINEERS: **WSP**
 228 EAST 45th Street
 New York, NY 10017 USA
 TEL: 212 687 8888 FAX: 646 487 5501

MEP ENGINEERS: **AKF GROUP**
 1501 Broadway
 New York, NY 10036 USA
 TEL: 212 354 5656 FAX: 212 354 5668

GEOTECHNICAL ENGINEERS: **Langan Engineering & Environmental Services**
 21 Penn Plaza - 360 West 31st Street, 8th Floor
 New York, NY 10001-2727
 TEL: 212 479 5400 FAX: 212 479 5444

CODE CONSULTANTS: **Construction Consulting Associates**
 100 Church Street
 New York, NY 10007
 TEL: 212 385 1512 FAX: 212 385 1911

CURTAINWALL CONSULTANT: **AJLP Consulting**
 40 Worth Street, Suite 826
 New York, NY 10013
 TEL: 212 757 6559 FAX: 646 219 8508

LANDMARK/PRESERVATION CONSULTANT: **Jan Hird Pokorny Associates, Inc.**
 39 West 37th Street, 12A
 New York, NY 10018
 TEL: 212 759 6452 FAX: 212 759 6540

No.	DESCRIPTION	DATE
1	CD PROGRESS ISSUE 1	10-15-2014
2	ISSUED FOR CONSTRUCTION UP TO GROUND FLOOR ONLY	10-17-2014
3	ISSUED FOR CONSTRUCTION UP TO 5TH FLOOR ONLY	11-07-2014
4	ISSUED FOR CONSTRUCTION UP TO 7TH FLOOR ONLY	11-14-2014
5	DOB SUBMISSION	12-19-2014
6	DOB SUBMISSION	02-05-2015
7	CD UPDATE ISSUE	02-10-2015
8	CONSTRUCTION DOCUMENTS ISSUE 3	03-09-2015
9	PROGRESS CD	05-08-2015
10	CONSTRUCTION DOCUMENTS ISSUE 4	06-01-2015
11	CD PROGRESS ISSUE 5	08-10-2015
12	DOB AMENDMENT 2	09-18-2015

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CONSULTANT:

WSP

228 East 45th Street
 New York, NY 10017
 (212) 687-8888
 www.wspgroup.com/usa

PROJECT:

217 WEST 57TH STREET
NEW YORK, NY

DRAWING TITLE:

SUB CELLAR 1 - PART GENERAL ARRANGEMENT AND REINFORCING PLAN

SEAL & SIGNATURE

DATE: 10-15-2014

PROJECT No: 2012185

DRAWN: CADOD

CHK: YE

SCALE: As Indicated

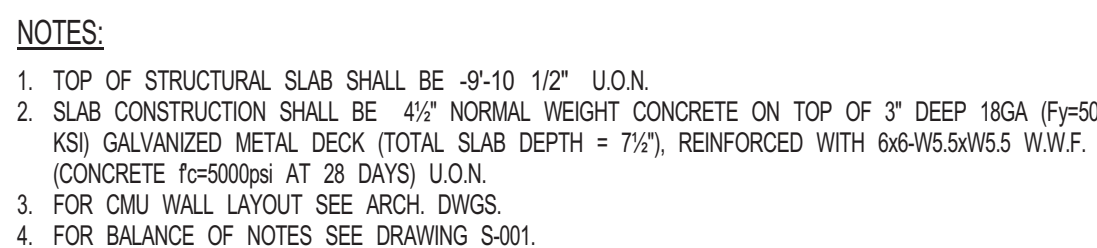
DWG No:

S-011.01

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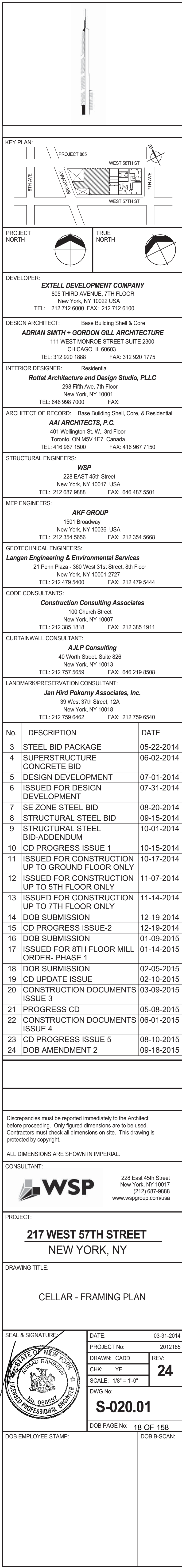
DOB PAGE No: 17 OF 158

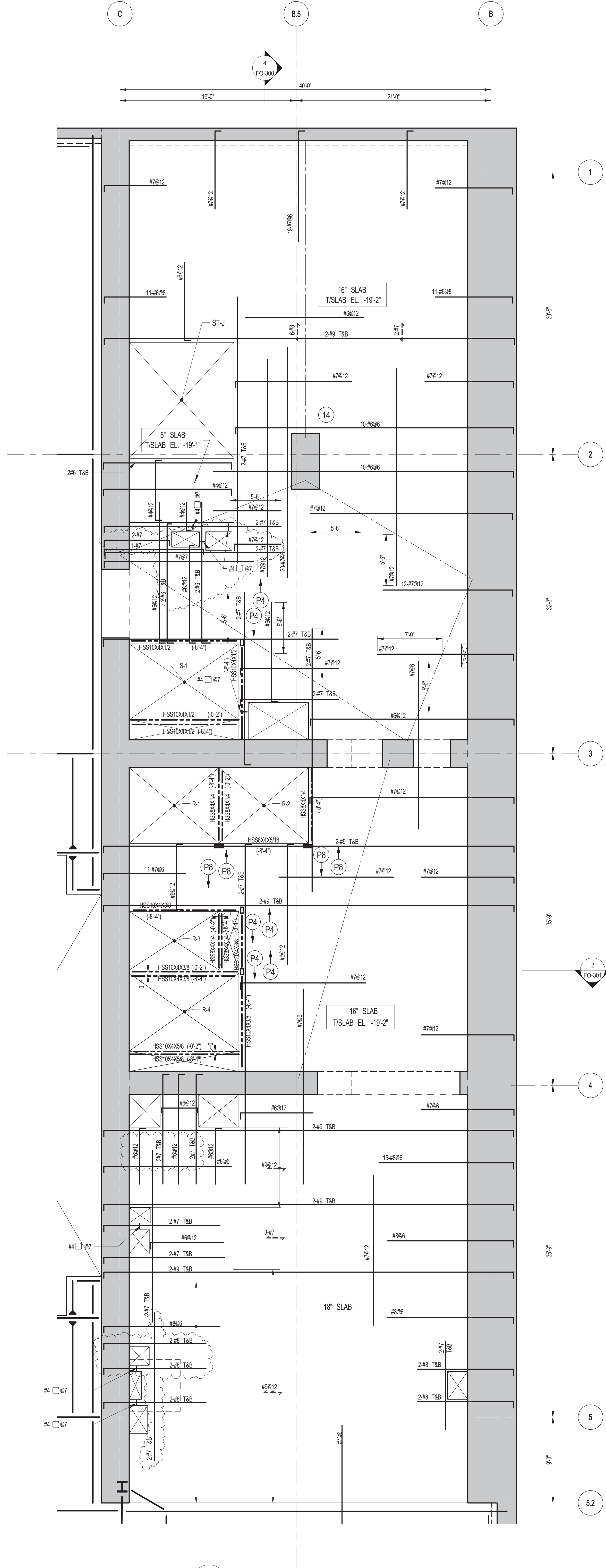
DOB B-SCAN:



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

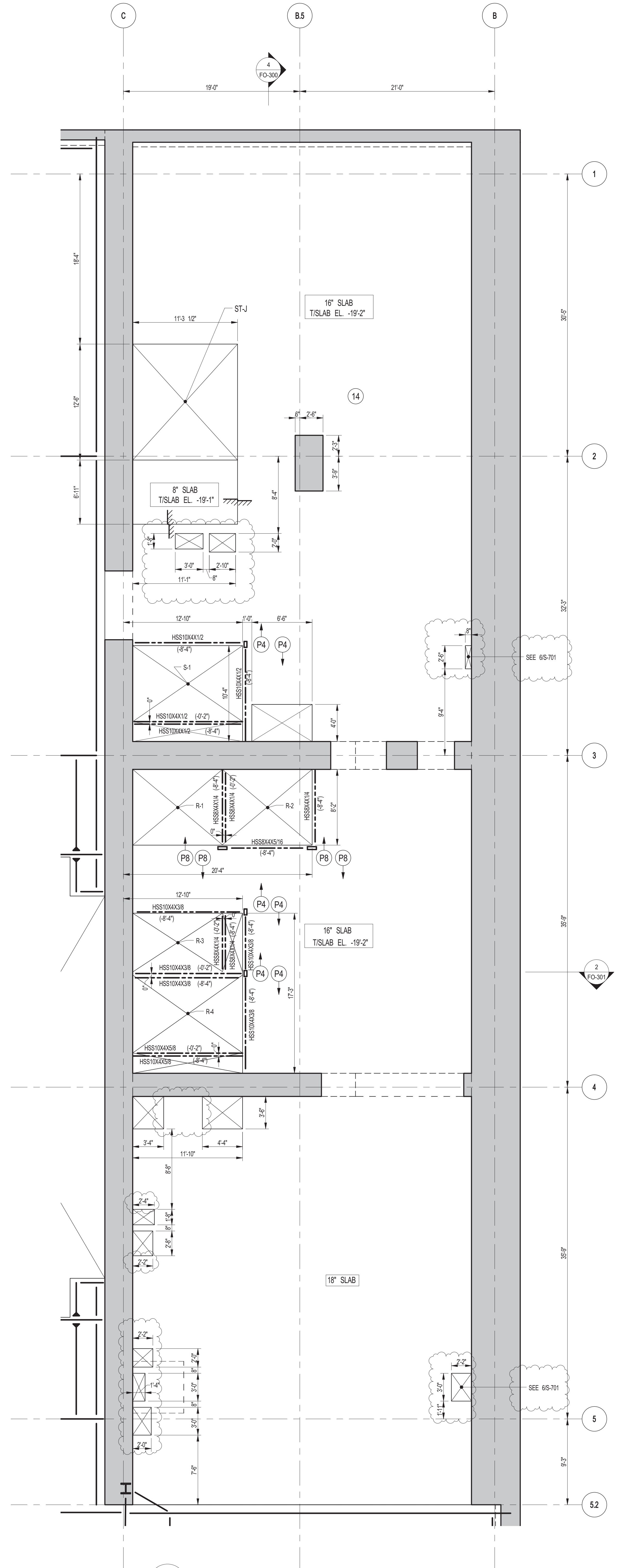
1. TOP OF STRUCTURAL SHAP SHALL BE -19'2" U.O.N.
2. SHAP CONSTRUCTION SHALL BE 3/4" NOMINAL WEIGHT SPECIFIED ON TOP OF 1" DEEP H&A (F&O) SKI COMPOSITE
WITH 1/2" DEEP TOP FLANGE. TOP DEPTH 41/2" REINFORCED WITH #4@10' E.W. + #4@2' BOTTOM BUTTLE
CONCRETE 5'@9000 AT 24' DAYS U.O.N.
3. ALL SHAP SHALL BE 12' LONG. ALL SHAP ELEVATION SPECIFIED ON NOTE 11. #4 ON (1/2") INDICATING
DISTANCE ABOVE OR BELOW TOP SHAP ELEVATION.
4. ALL SHAP SHALL BE 12' LONG. ALL SHAP SHALL HAVE MIN. 12" STUFTION. TOP 12" ON PLAN
PROVIDE FULL DEPTH STIFF AT EACH SCALATOR SUPPORT NOTE 12. #4 ON PLAN COORDINATE LOCATION WITH
SCALATOR SUPPORT.
5. ALL B&B CONNECTIONS SHALL DEVELOP AXIAL FORCE OF P=20.0 U.O.N. ON PLAN AT EACH END. IN ADDITION TO ALL
B&B CONNECTIONS SHALL DEVELOP AXIAL FORCE OF P=20.0 U.O.N.
6. *INDICATES ADJUSTIONS. @10' STUDS OVER 10'@ 24' OF BEAM.
7. *ALL RAIL JOINTS NOT TO EXCEED 1/4" GAPS. ALL JOINTS TO BE 10' APART. ALL JOINTS TO BE 10' APART.
IF JOINTS ARE NOTED SHAP NEW SHALL BE 12' LONG. TOP E.W. + #4@2' BOTTOM BUTTLE.
8. *ALL SHAP SHALL BE 12' LONG. ALL SHAP SHALL BE 12' LONG. ALL SHAP SHALL BE 12' LONG. ALL SHAP SHALL BE 12' LONG.
FOR BALANCE OF NOTES SEE DRAWING 501.
9. *ALL SHAP SHALL BE 12' LONG. ALL SHAP SHALL BE 12' LONG. ALL SHAP SHALL BE 12' LONG. ALL SHAP SHALL BE 12' LONG.
SHAP SHALL BE INSTALLED AFTER CRANE / H&A IS REMOVED





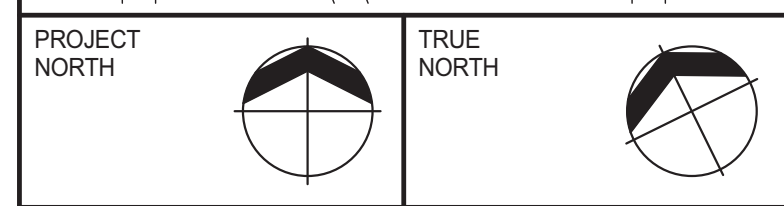
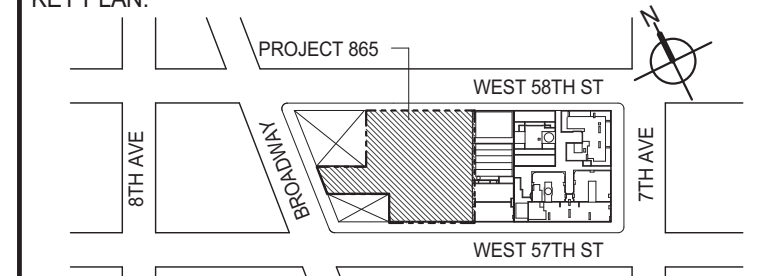
1 CELLAR FRAMING PLAN
SCALE: 3/16" = 1'-0"

- NOTES:
1. FOR TISLAB ELEVATION SEE S-200
 2. CONCRETE SLAB SHALL BE 12" THICK U.O.N. THUS [] ON PLAN
 3. CONCRETE STRENGTH f_c OF SLAB SHALL BE 10,000 psi
 4. BOTTOM REINFORCEMENT TO BE: #8@12 E.C. CONT. FOR 8" SLAB
#7@12 E.W. CONT. FOR 10" SLAB
#6@12 E.C. CONT. FOR 10" SLAB
 5. FOR BALANCE OF INFORMATION SEE DRAWING S-201



2 CELLAR GENERAL ARRANGEMENT PLAN
SCALE: 3/16" = 1'-0"

- NOTES:
1. FOR SLAB INFORMATION SEE CORRESPONDING FRAMING PLAN.



DEVELOPER: **EXTELL DEVELOPMENT COMPANY**
805 THIRD AVENUE, 7TH FLOOR
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21 Penn Plaza - 360 West 51st Street, 8th Floor
New York, NY 10001-2722
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LANDMARK/PRESERVATION CONSULTANT: **Jan Hird Pokorny Associates, Inc.**
39 West 57th Street, 12A
New York, NY 10019
TEL: 212 759 6452 FAX: 212 759 6540

No.	DESCRIPTION	DATE
1	CD PROGRESS ISSUE 1	10-15-2014
2	ISSUED FOR CONSTRUCTION UP TO GROUND FLOOR ONLY	10-17-2014
3	ISSUED FOR CONSTRUCTION UP TO 5TH FLOOR ONLY	11-07-2014
4	ISSUED FOR CONSTRUCTION UP TO 7TH FLOOR ONLY	11-14-2014
5	DOB SUBMISSION	12-19-2014
6	CD PROGRESS ISSUE-2	12-19-2014
7	DOB SUBMISSION	02-05-2015
8	CD UPDATE ISSUE	02-10-2015
9	PROGRESS CD	05-08-2015
10	CONSTRUCTION DOCUMENTS ISSUE 4	06-01-2015
11	CD PROGRESS ISSUE 5	08-10-2015
12	DOB AMENDMENT 2	09-18-2015

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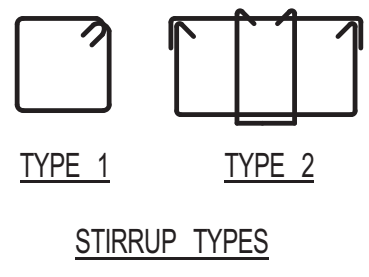
PROJECT: **217 WEST 57TH STREET
NEW YORK, NY**

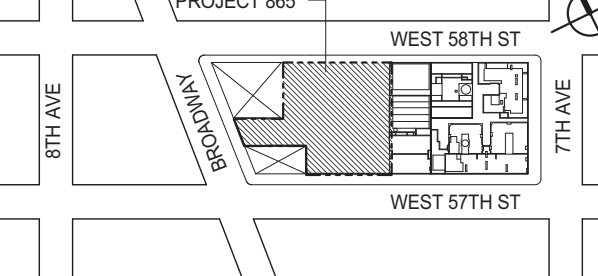




DRAWING TITLE: **CELLAR - PART GENERAL
ARRANGEMENT AND REINFORCING
PLAN**

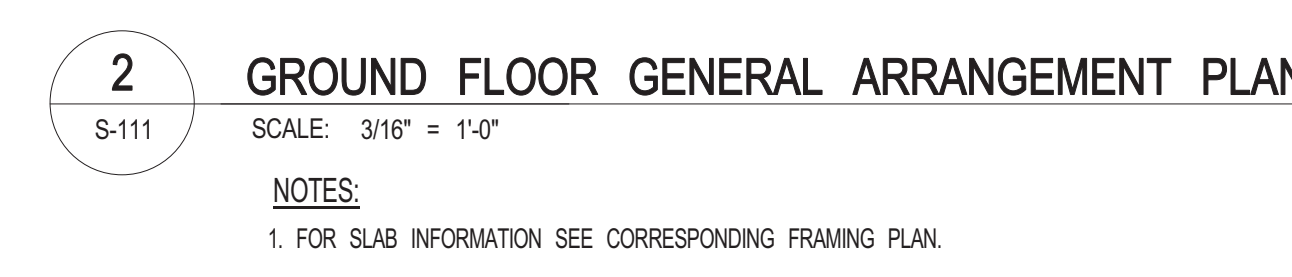
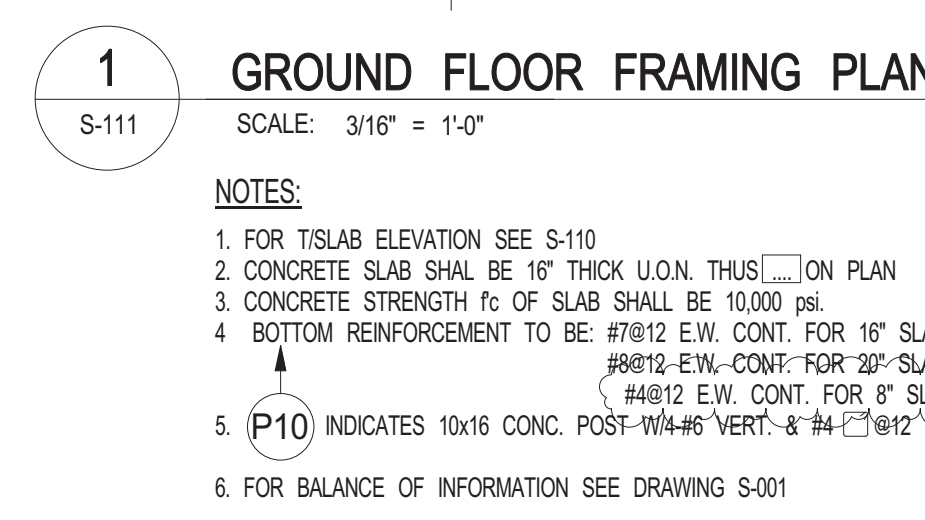
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	PROJECT No: 2012185	
	DRAWN: CADDO	REV: 12
	CHK: YE	SCALE: As indicated
	DWG No: S-021.01	

DOB PAGE No: 19 OF 158

DOB EMPLOYEE STAMP: DGB B-SOON

[illegible]

KEY PLAN: 			
PROJECT NORTH 		TRUE NORTH 	
DEVELOPER: EXTRELL DEVELOPMENT COMPANY 833 THIRD AVENUE, 7TH FLOOR New York, NY 10022-USA TEL: 212 712 6000 FAX: 212 712 6100			
DESIGN ARCHITECT: Baseus Building Shell & Core ADRIAN SMITH + PARTNERS CHORDILL GILL ARCHITECTURE 111 WEST MONROE STREET SUITE 2300 CHICAGO, IL 60603 TEL: 312 920 1888 FAX: 312 920 1775			
INTERIOR DESIGNER: Residential Rotter Architecture and Design Studio, PLLC 208 Fifth Ave., 7th Floor New York, NY 10001 TEL: 212 698-7000			
ARCHITECT OF RECORD: Baseus Building Shell, Core, & Residential ACI Architecture, P.C. 401 Wellington St. W., 3rd Floor Toronto, ON M5V 1E7 Canada TEL: 416 987 1500 FAX: 416 987 1750			
STRUCTURAL ENGINEERS: WSP 228 EAST 45th Street New York, NY 10017 USA TEL: 212 687-9888 FAX: 646 487 5501			
MEP ENGINEERS: AKF GROUP 1501 Broadway New York, NY 10036 USA TEL: 212 354 5656 FAX: 212 354 5668			
GEOTECHNICAL ENGINEERS: Langan Engineering & Environmental Services 21 Penn Plaza - 300 West 31st Street, 8th Floor New York, NY 10001-2727 TEL: 212 479 5400 FAX: 212 479 5444			
CODE CONSULTANTS: Construction Consulting Associates 100 Church Street New York, NY 10007 TEL: 212 385 1851 FAX: 212 385 1911			
CURTAINWALL CONSULTANT: AJLP Consulting 40 Worth Street, Suite 528 New York, NY 10013 TEL: 212 757 5559 FAX: 646 219 8508			
LANDMARK/PRESERVATION CONSULTANT: Jan Hird Pokorny Associates, Inc. 39 West 37th Street, 12A New York, NY 10018 TEL: 212 759 6462 FAX: 212 759 6462			
No.	DESCRIPTION	DATE	
3	STEEL BID PACKAGE	05-22-2014	
4	SUPERSTRUCTURE CONCRETE BID	06-02-2014	
5	DESIGN DEVELOPMENT	07-01-2014	
6	ISSUED FOR DESIGN DEVELOPMENT	07-31-2014	
7	SE ZONE STEEL BID	08-20-2014	
8	STRUCTURAL STEEL BID	09-15-2014	
9	STRUCTURAL STEEL BID-ADDENDUM	10-01-2014	
10	CD PROGRESS ISSUE 1	10-15-2014	
11	ISSUED FOR CONSTRUCTION UP TO GROUND FLOOR ONLY	10-17-2014	
12	ISSUED FOR CONSTRUCTION UP TO 5TH FLOOR ONLY	11-07-2014	
13	ISSUED FOR CONSTRUCTION UP TO 7TH FLOOR ONLY	11-14-2014	
14	DOB SUBMISSION	12-19-2014	
15	CD PROGRESS ISSUE 2	12-19-2014	
16	ISSUED FOR 8TH FLOOR MILL ORDER- PHASE 1	01-14-2015	
17	DOB SUBMISSION	02-05-2015	
18	CD UPDATE ISSUE 1	02-10-2015	
19	CONSTRUCTION DOCUMENTS ISSUE 3	03-09-2015	
20	CONGRESS CD	05-08-2015	
21	CONSTRUCTION DOCUMENTS ISSUE 4	06-01-2015	
22	CD PROGRESS ISSUE 5	08-10-2015	
23	DOB AMENDMENT 2	09-18-2015	
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CONSULTANT: <div style="display: flex; justify-content: space-between; align-items: center;">  <div style="text-align: right;"> 228 East 45th Street New York, NY 10017 (212) 687-9888 www.wspgroup.com/usa </div> </div>			
PROJECT: 217 WEST 57TH STREET NEW YORK, NY			
DRAWING TITLE: GROUND FLOOR - FRAMING PLAN			
SEAL & SIGNATURE 		DATE: 03-31-2014 PROJECT NO: 2012189 DRAWN: CADJ REV: 23 CHK: YE SCALE: 1/8" = 1'-0" DWS: NO S-110.01	
DOB EMPLOYEE STAMP:		DOB PAGE NO: 20 OF 158	
DOB 8-33-2014		DOB 8-33-2014	



No.	DESCRIPTION	DATE
1	CD PROGRESS ISSUE 1	10-15-20
2	ISSUED FOR CONSTRUCTION UP TO GROUND FLOOR ONLY	10-17-20
3	ISSUED FOR CONSTRUCTION UP TO 1ST FLOOR ONLY	11-07-20
4	ISSUED FOR CONSTRUCTION UP TO 7TH FLOOR ONLY	11-14-20
5	DOB SUBMISSION	12-19-20
6	CD PROGRESS ISSUE-2	12-19-20
7	CD UPDATE ISSUE	02-10-21
8	PROGRESS CD	05-08-20
9	CONSTRUCTION DOCUMENTS ISSUE 4	06-01-20
10	CD PROGRESS ISSUE 5	08-10-20
11	DOB AMENDMENT 2	09-18-20



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New York, NY 10017
(212) 687-9888
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PROJECT:

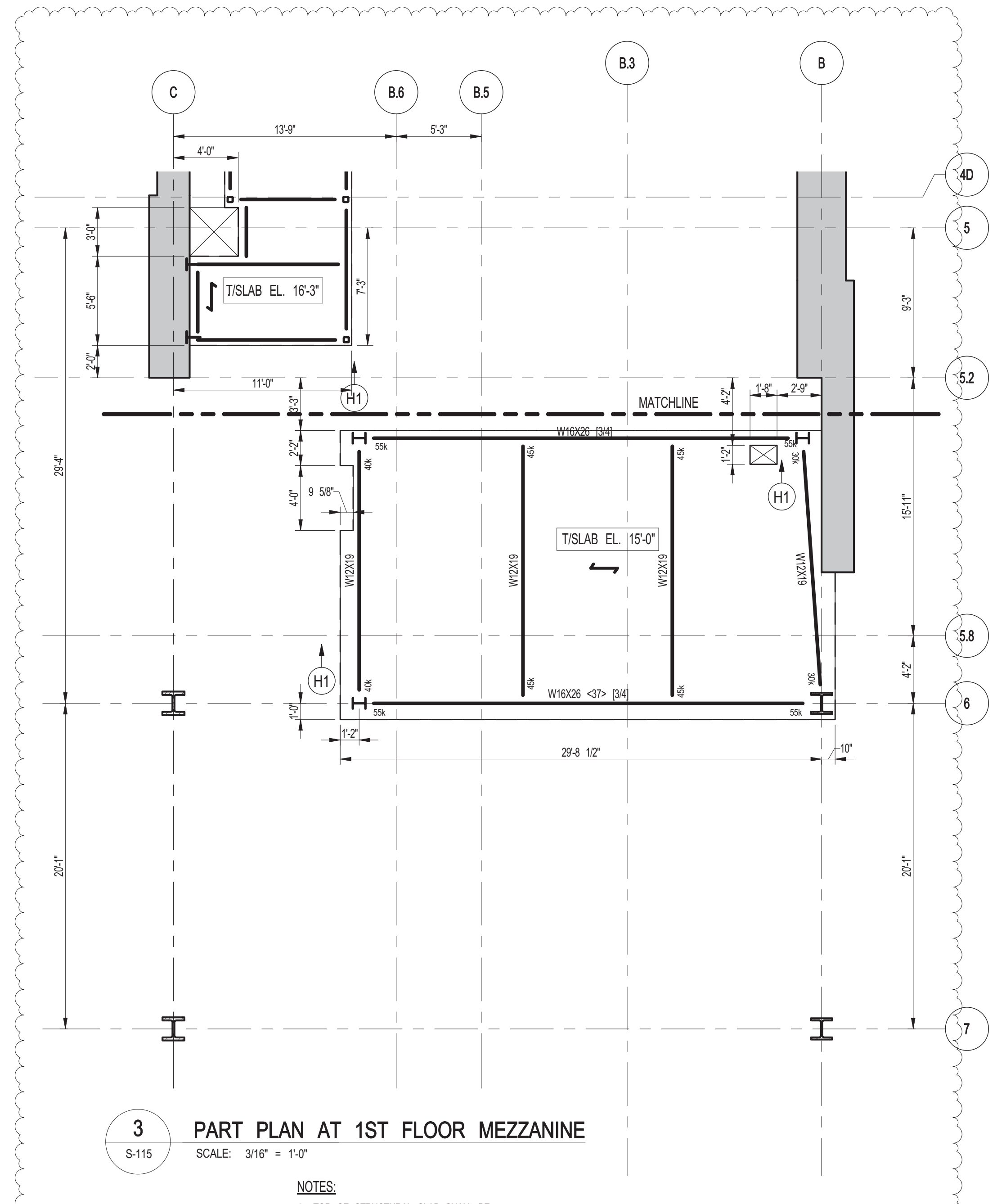
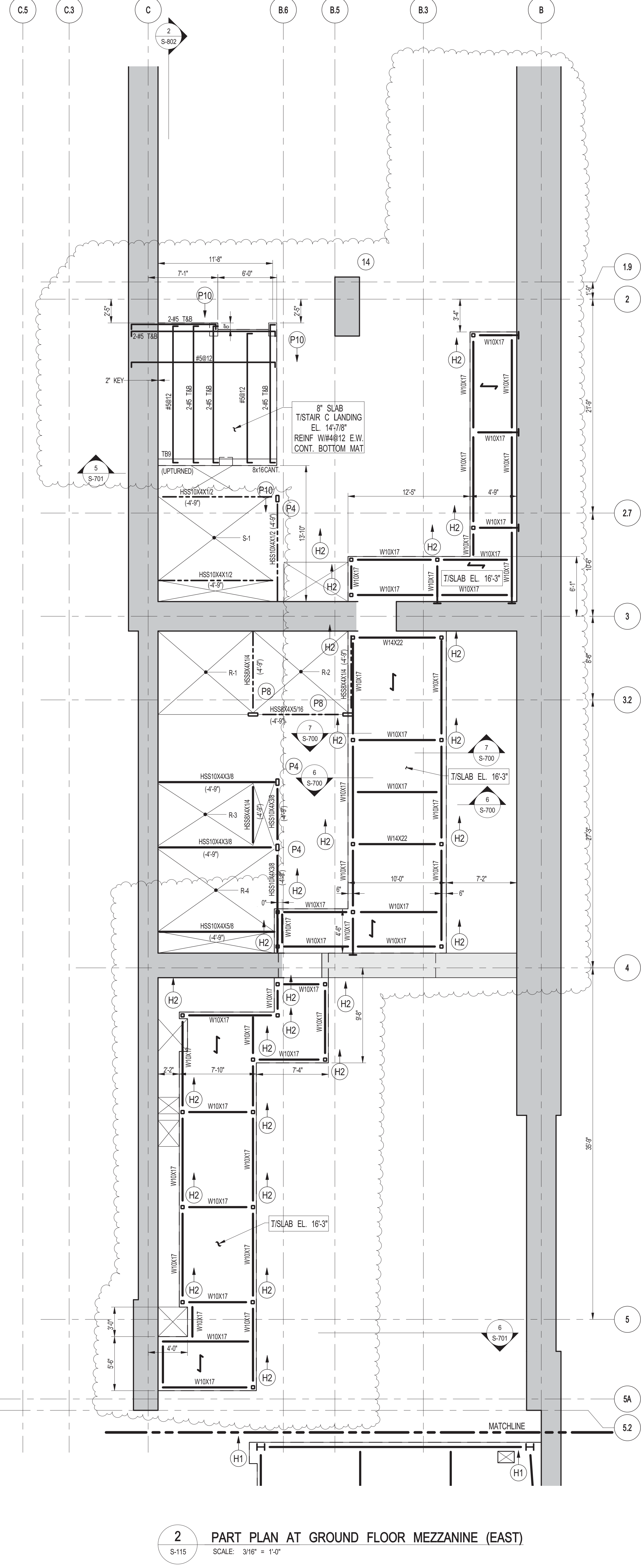
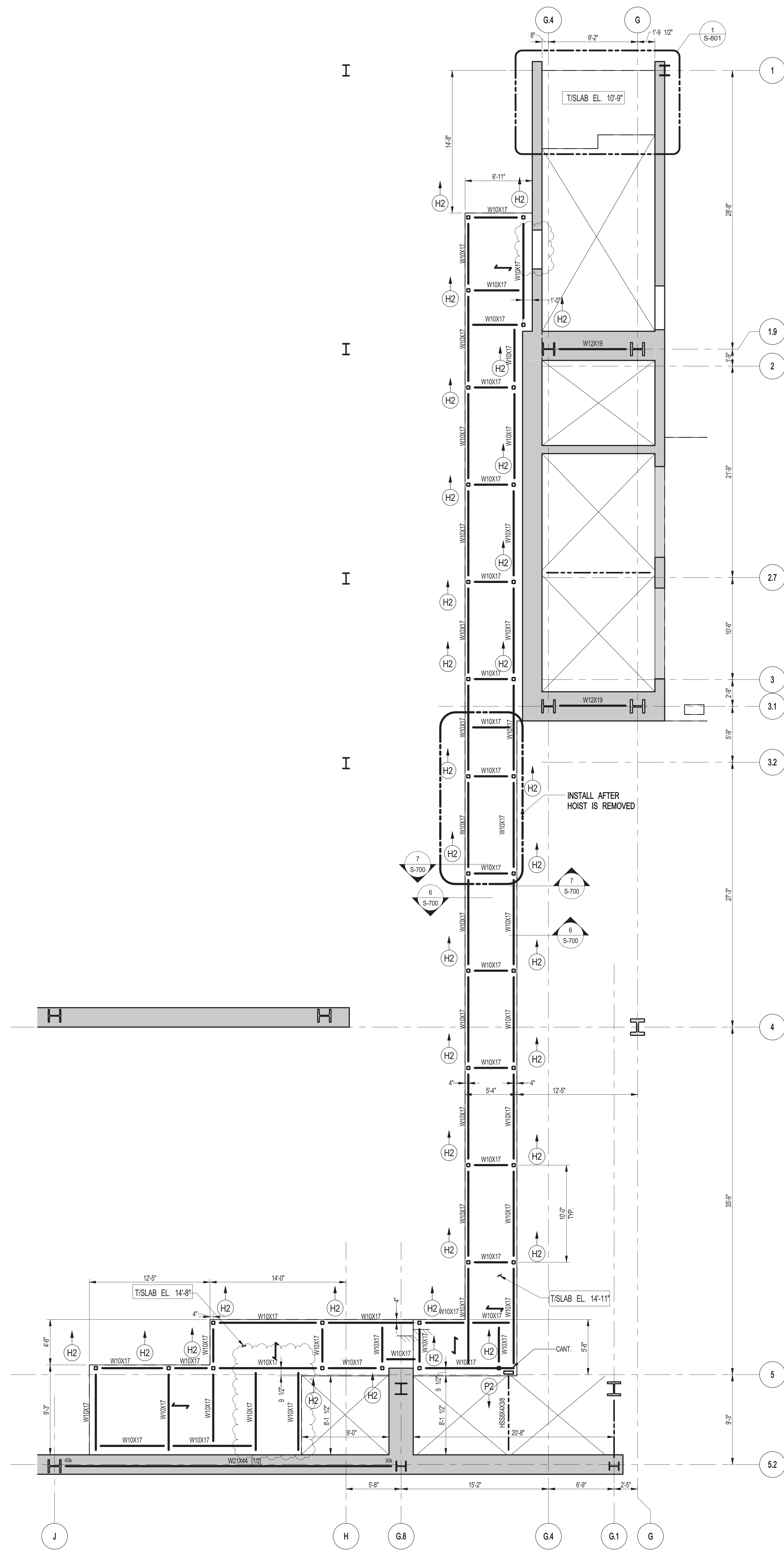
217 WEST 57TH STREET

NEW YORK, NY

DRAWING TITLE:

GROUND FLOOR - PART GENERAL
ARRANGEMENT AND REINFORCING
PLAN

DOB EMPLOYEE STAMP:		DOB B-SCAN
---------------------	--	------------



- NOTES:
1. TOP OF STRUCTURAL SLAB SHALL BE AS INDICATED ON PLAN.
 2. SLAB CONSTRUCTION SHALL BE: 2" NORMAL WEIGHT CONCRETE ON TOP OF 3" DEEP 16GA 1540 KSI COMPOSITE GALVANIZED METAL DECK (TOTAL SLAB DEPTH: 5 1/2"). REINFORCED WITH 6#W5.5W5.5 WAF (CONCRETE f_c=4000psi AT 28 DAYS U.O.N.).
 3. TOP OF STEEL TO BE 5/8" BELOW TOP OF SLAB ELEVATION SPECIFIED IN NOTE 1 U.O.N. THIS (H-) INDICATING DISTANCE ABOVE OR BELOW TOP OF SLAB ELEVATION.
 4. STUDS SHALL BE 1/2" x 5" LONG. ALL STEEL BEAMS SHALL HAVE MIN. 1 STUDD. U.O.N. THIS (L-) ON PLAN.
 5. ALL BEAMS SHALL BE W10X17 U.O.N.
 6. FOR W10 BEAM REACTIONS NOT SHOWN USE A MINIMUM OF 30 KIPS FOR BEAMS LESS THAN 15 FEET LONG.
 7. FOR BALANCE OF NOTES SEE DRAWING S-001.

- NOTES:
1. TOP OF STRUCTURAL SLAB SHALL BE ...
 2. SLAB CONSTRUCTION SHALL BE: 2" NORMAL WEIGHT CONCRETE ON TOP OF 3" DEEP 16GA 1540 KSI COMPOSITE GALVANIZED METAL DECK (TOTAL SLAB DEPTH: 5 1/2"). REINFORCED WITH 6#W5.5W5.5 WAF (CONCRETE f_c=4000psi AT 28 DAYS U.O.N.).
 3. TOP OF STEEL TO BE 5/8" BELOW TOP OF SLAB ELEVATION SPECIFIED IN NOTE 1 U.O.N. THIS (H-) INDICATING DISTANCE ABOVE OR BELOW TOP OF SLAB ELEVATION.
 4. STUDS SHALL BE 1/2" x 5" LONG. ALL STEEL BEAMS SHALL HAVE MIN. 1 STUDD. U.O.N. THIS (L-) ON PLAN.
 5. FOR BEAM REACTIONS NOT SHOWN USE A MINIMUM OF 30 KIPS FOR BEAMS LESS THAN 15 FEET LONG.
 6. FOR BALANCE OF NOTES SEE DRAWING S-001.

KEY PLAN

PROJECT W51
 WEST 57TH ST
 7TH AVE
 WEST 57TH ST

PROJECT NORTH

TRUE NORTH

DEVELOPER:
EXTRELL DEVELOPMENT COMPANY
 805 THIRD AVENUE, 7TH FLOOR
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 TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT: Base Building Shell & Core
ADRIAN SMITH + GORDON GILL ARCHITECTURE
 111 WEST MONROE STREET SUITE 2300
 CHICAGO, IL 60603
 TEL: 312 920 1888 FAX: 312 920 1775

INTERIOR DESIGNER: Residential
Rotet Architecture and Design Studio, PLLC
 288 Fifth Ave, 7th Floor
 New York, NY 10017
 TEL: 646 989 7000 FAX:

ARCHITECT OF RECORD: Base Building Shell, Core, & Residential
AJL ARCHITECTS, P.C.
 401 Wellington St. W., 3rd Floor
 Toronto, ON M5V 1E7 Canada
 TEL: 416 967 1500 FAX: 416 967 7150

STRUCTURAL ENGINEERS:
WSP
 228 East 45th Street
 New York, NY 10017 USA
 TEL: 212 687 8885 FAX: 646 487 5501

MEP ENGINEERS:
AKF GROUP
 1501 Broadway
 New York, NY 10036 USA
 TEL: 212 354 5656 FAX: 212 354 5668

GEOTECHNICAL ENGINEERS:
Langan Engineering & Environmental Services
 21 Penn Plaza - 360 West 31st Street, 8th Floor
 New York, NY 10001-2727
 TEL: 212 479 5400 FAX: 212 479 5444

CODE CONSULTANTS:
Construction Consulting Associates
 100 Church Street
 New York, NY 10007
 TEL: 212 385 6181 FAX: 212 385 1911

CURTAINWALL CONSULTANT:
AJLP Consulting
 40 Worth Street, Suite 826
 New York, NY 10013
 TEL: 212 757 5559 FAX: 646 219 8508

LANDMARK/PRESERVATION CONSULTANT:
Jan Hird Pokorny Associates, Inc.
 39 West 37th Street, 12A
 New York, NY 10018
 TEL: 212 759 6452 FAX: 212 759 6540

No.	DESCRIPTION	DATE
1	DESIGN DEVELOPMENT	07-01-2014
2	ISSUED FOR DESIGN DEVELOPMENT	07-31-2014
3	STRUCTURAL STEEL BID	09-15-2014
4	STRUCTURAL STEEL BID-ADDENDUM	10-01-2014
5	CD PROGRESS ISSUE 1	10-15-2014
6	BID-ADDENDUM	11-07-2014
7	DOB SUBMISSION	12-19-2014
8	CD PROGRESS ISSUE-2	12-19-2014
9	CD UPDATE ISSUE	02-10-2015
10	CONSTRUCTION DOCUMENTS ISSUE 3	03-09-2015
11	CONSTRUCTION DOCUMENTS ISSUE 4	06-01-2015
12	CD PROGRESS ISSUE 5	08-10-2015
13	DOB AMENDMENT 2	09-18-2015

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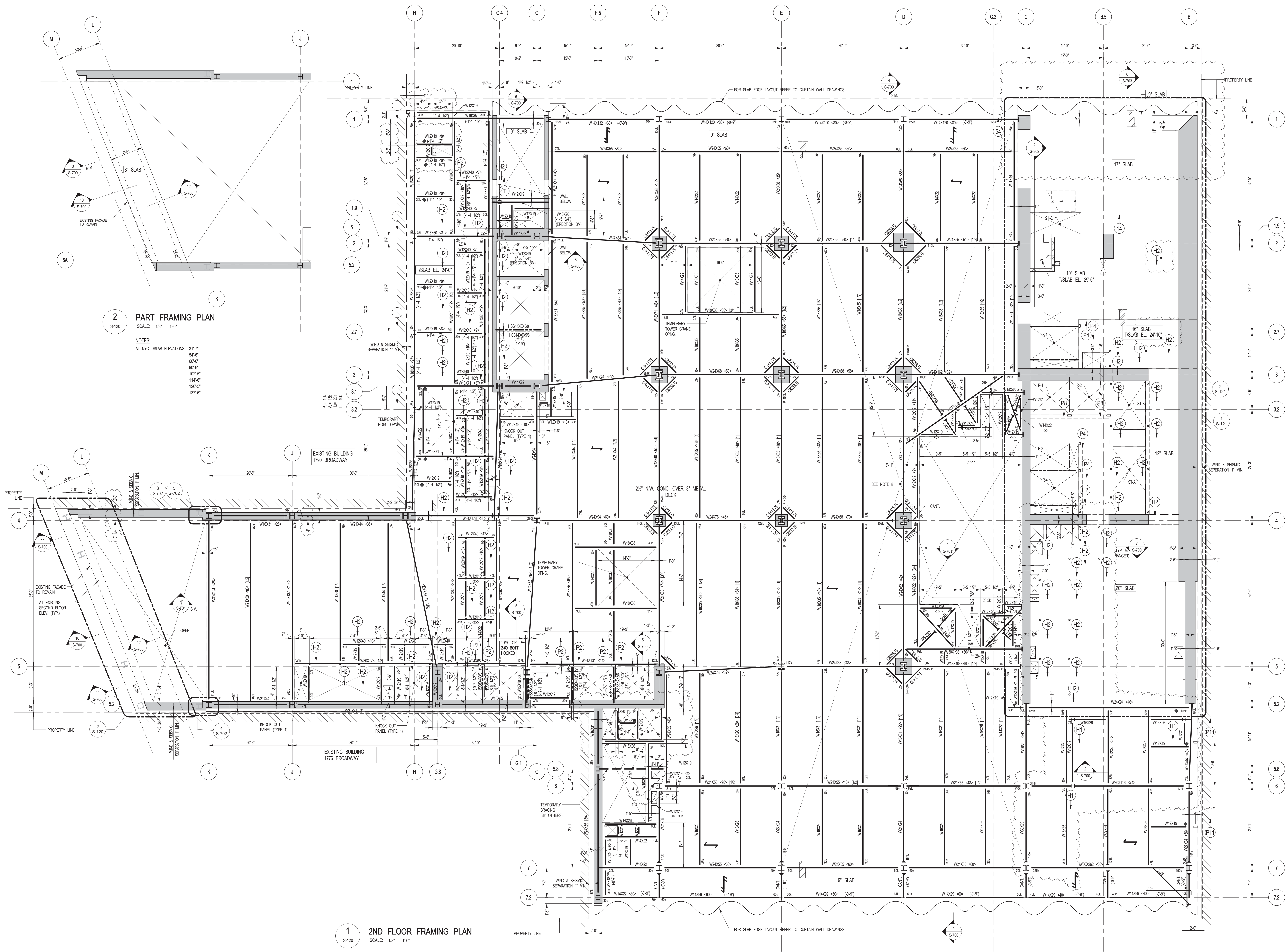
CONSULTANT:
WSP
 228 East 45th Street
 New York, NY 10017
 (212) 687-8885
 www.wsgroup.com/usa

PROJECT:
217 WEST 57TH STREET
 NEW YORK, NY

DRAWING TITLE:
GROUND FLOOR - MEZZANINE FRAMING PLAN

SEAL & SIGNATURE

 DATE: 07-01-2014
 PROJECT No: 2012185
 DRAWN: CADDO
 CHK: YE
 SCALE: As Indicated
 DWG No: **S-115.01**
 DOB PAGE No: 22 OF 158
 DOB EMPLOYEE ID: 1038 B-SCAN

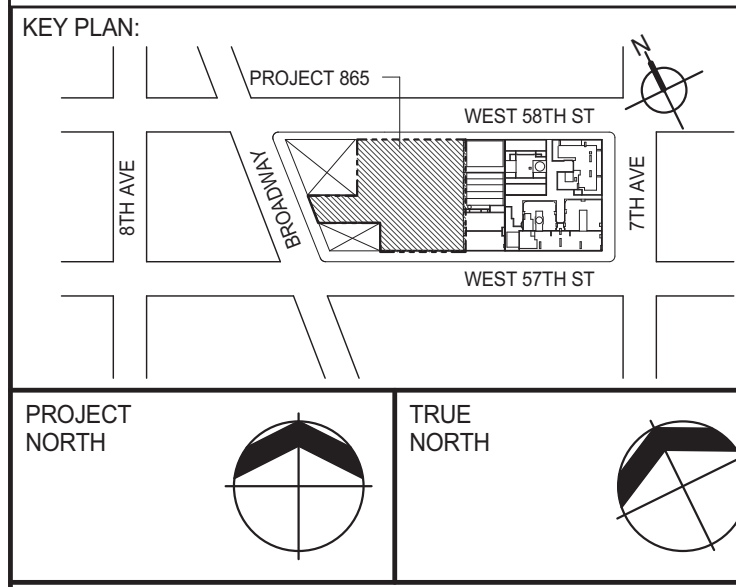


2 PART FRAMING PLAN
SCALE: 1/8" = 1'-0"

NOTES:
AT NYC TSLAB ELEVATIONS:
31'-7"
34'-0"
36'-6"
39'-6"
42'-0"
44'-6"
47'-0"
49'-6"
52'-0"

1 2ND FLOOR FRAMING PLAN
SCALE: 1/8" = 1'-0"

NOTES:
1. TOP OF STRUCTURAL SLAB SHALL BE 24'-11" U.O.N.
2. SLAB CONSTRUCTION SHALL BE 2 1/2" NORMAL WEIGHT CONCRETE ON TOP OF 3" DEEP 10GA (P#40 KSI) CONCRETE GALVANIZED METAL DECK (TOTAL SLAB DEPTH 3'-0"). REINFORCED WITH #4@20"ONC/W/20" CONCRETE 10#4000psi AT 28 DAYS U.O.N.
3. TOP OF STEEL TO BE 3'0" BELOW TOP OF SLAB ELEVATION SPECIFIED IN NOTE 1 U.O.N. THIS (+/-) INDICATING DISTANCE ABOVE OR BELOW TOP OF SLAB ELEVATION.
4. STUDS SHALL BE 10" X 8" LONG ALL STEEL BEAMS SHALL HAVE MIN 1 STUDTYP U.O.N. THIS (+/-) ON PLAN.
5. (H) INDICATES IF FORMED CONCRETE SLAB 10#4000 PSI REINFORCED WITH #8@12 TOP, E.V.
6. PROVIDE FULL DEPTH STIFF & EACH ESCALATOR SUPPORT NOTED THIS (+/-) ON PLAN COORDINATE LOCATIONS WITH ESCALATOR MANUFACTURER.
7. FOR BEAM REACTIONS NOT SHOWN USE A MINIMUM OF 30 KIPS FOR BEAMS LESS THAN 15 FEET LONG.
8. WHERE NOTED ON PLAN SLAB REINFORCING SHALL BE #8@12 TOP, E.V.
9. ALL BEAM CONNECTIONS SHALL DEVELOP FULL TENSILE FORCE OF POSITIVE MOMENTS (SUPPORTING OTHER MEMBERS) P-175A AT EACH END U.O.N. IN ADDITION TO ALL OTHER LOADS.
10. FOR BLANKS OF NOTES SEE DRAWING S-801.
11. BEAMS WITHIN OR CROSSING TOWER CRANE OPENING SHALL BE INSTALLED AFTER CRANE / HOIST IS REMOVED



DEVELOPER: **EXTELL DEVELOPMENT COMPANY**
805 THIRD AVENUE, 7TH FLOOR
NEW YORK, NY 10022 USA
TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT: **Base Building Shell & Core**
ADRIAN SMITH + GORDON GILL ARCHITECTURE
288 FIFTH AVE, 7TH FLOOR
NEW YORK, NY 10001
TEL: 312 920 1888 FAX: 312 920 1775

INTERIOR DESIGNER: **Residential**
Rottet Architecture and Design Studio, PLLC
288 FIFTH AVE, 7TH FLOOR
NEW YORK, NY 10001
TEL: 646 988 7000 FAX:

ARCHITECT OF RECORD: **Base Building Shell, Core, & Residential**
AJA ARCHITECTS, P.C.
401 WESTCHESTER ST, 3RD FLOOR
TORONTO, ON M5V 1E7 CANADA
TEL: 416 967 1500 FAX: 416 967 7150

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MEP ENGINEERS: **AKF GROUP**
1501 BROADWAY
NEW YORK, NY 10036 USA
TEL: 212 354 5656 FAX: 212 354 5668

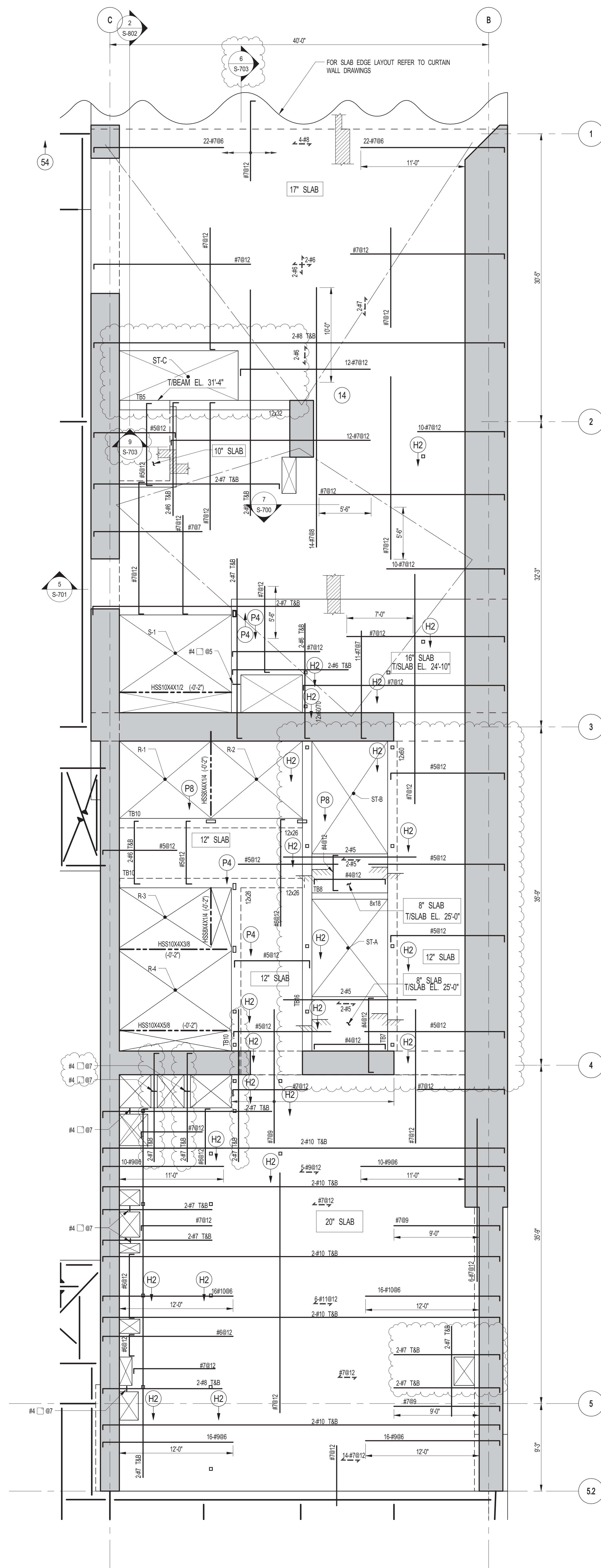
GEOTECHNICAL ENGINEERS: **Langan Engineering & Environmental Services**
21 PENN PLAZA, 3RD FLOOR, 21ST STREET, 8TH FLOOR
NEW YORK, NY 10001-2722
TEL: 212 479 5400 FAX: 212 479 5444

CODE CONSULTANTS: **Construction Consulting Associates**
100 Church Street
NEW YORK, NY 10007
TEL: 212 385 6181 FAX: 212 385 1911

CURTAINWALL CONSULTANT: **AJLP Consulting**
40 WORTH STREET, SUITE 826
NEW YORK, NY 10013
TEL: 212 757 6659 FAX: 646 219 8508

LANDMARK/PRESERVATION CONSULTANT: **Jan Hird Pokorny Associates, Inc.**
39 WEST 57TH STREET, 12A
NEW YORK, NY 10019
TEL: 212 759 6452 FAX: 212 759 6540

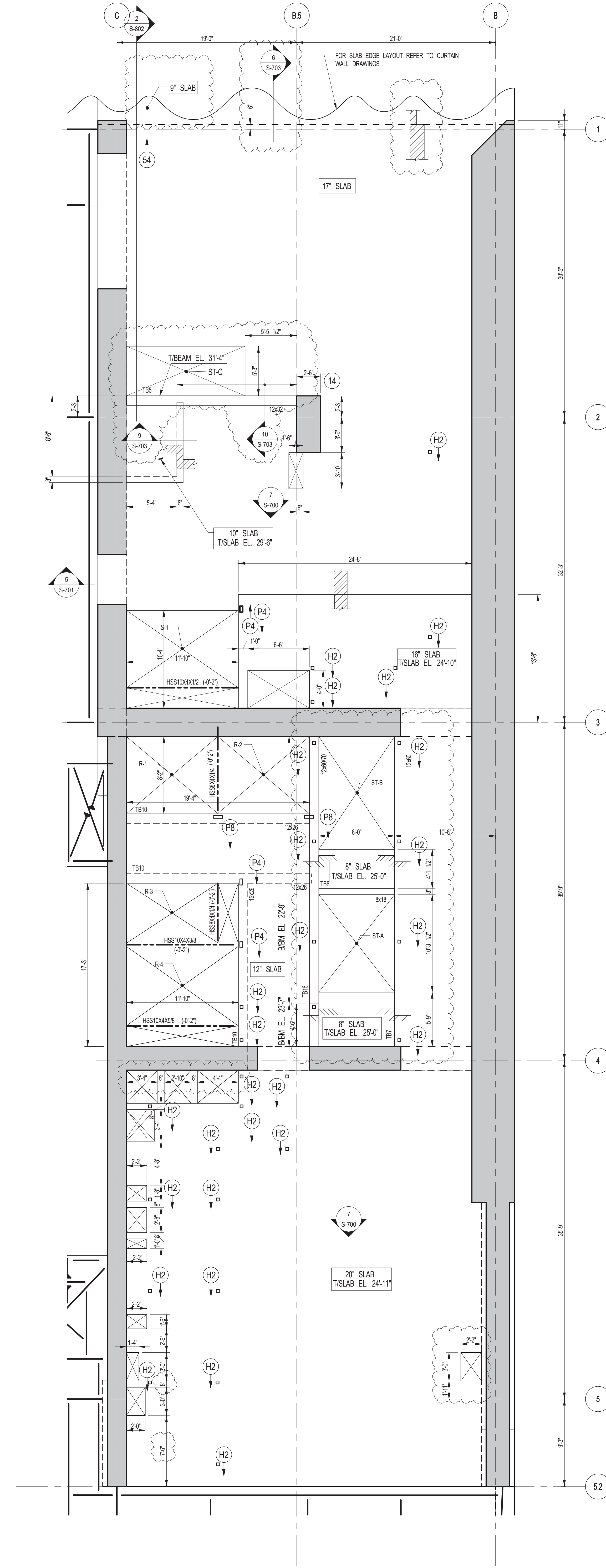
No.	DESCRIPTION	DATE
1	SCHEMATIC DESIGN	03-31-2014
2	ISSUED FOR SCHEMATIC DESIGN	04-04-2014
3	STEEL BID PACKAGE	05-22-2014
4	SUPERSTRUCTURE CONCRETE BID	06-02-2014
5	DESIGN DEVELOPMENT	07-01-2014
6	ISSUED FOR DESIGN DEVELOPMENT	07-31-2014
7	STRUCTURAL STEEL BID	08-15-2014
8	STRUCTURAL STEEL BID-ADDENDUM	10-01-2014
9	CD PROGRESS ISSUE 1	10-15-2014
10	ISSUED FOR CONSTRUCTION UP TO 5TH FLOOR ONLY	11-07-2014
11	ISSUED FOR CONSTRUCTION UP TO 7TH FLOOR ONLY	11-14-2014
12	DOB SUBMISSION	12-19-2014
13	CD PROGRESS ISSUE-2	12-19-2014
14	ISSUED FOR 8TH FLOOR MILL ORDER - PHASE 1	01-14-2015
15	CD UPDATE ISSUE	02-10-2015
16	CONSTRUCTION DOCUMENTS ISSUE 3	03-09-2015



1 2ND FLOOR FRAMING PLAN
S-121 SCALE: 3/16" = 1'-0"

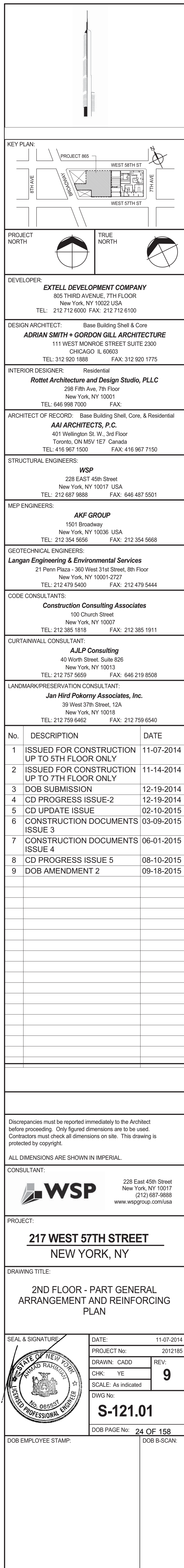
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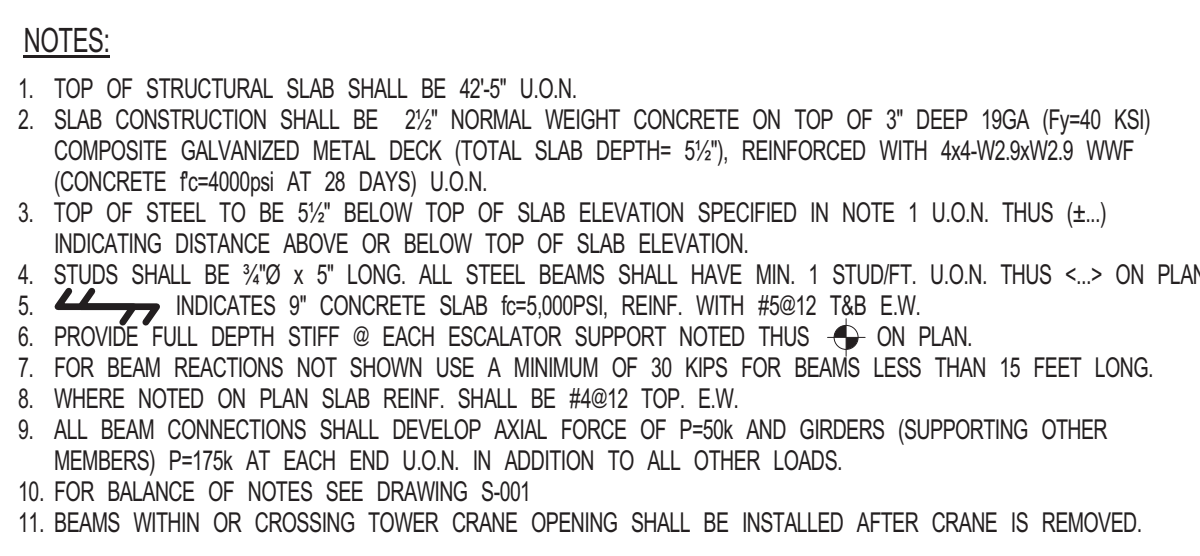
1. FOR TISLAB ELEVATION SEE S-120.
2. CONCRETE SLAB SHALL BE 20" THICK U.O.N. THUS ... ON PLAN.
3. CONCRETE STRENGTH f_c OF SLAB SHALL BE 10,000 psi.
4. BOTTOM REINFORCEMENT TO BE: #8@12 E.W. CONT. FOR 17" & 20" SLAB
#5@12 E.W. CONT. FOR 10" & 12" SLAB
5. FOR BALANCE OF INFORMATION SEE DRAWING S-001.



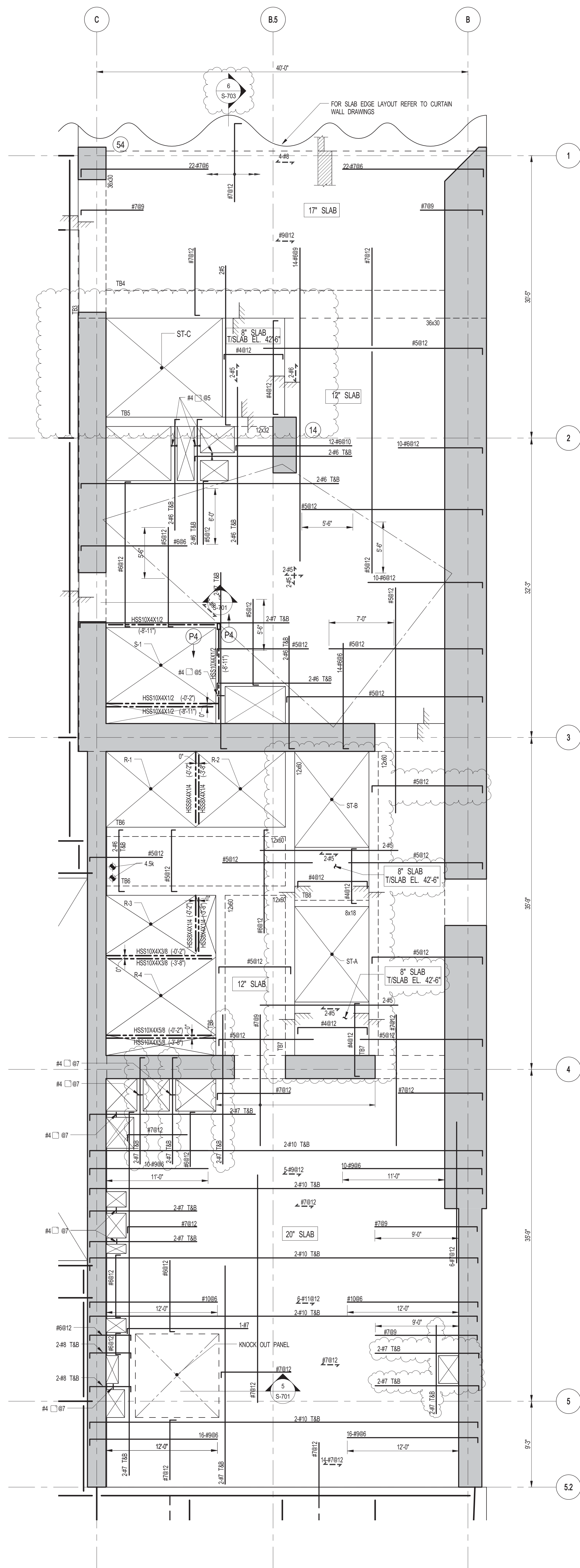
2 2ND FLOOR GENERAL ARRANGEMENT PLAN
S-121 SCALE: 3/16" = 1'-0"

NOTES:
1. FOR SLAB INFORMATION SEE CORRESPONDING FRAMING PLAN.





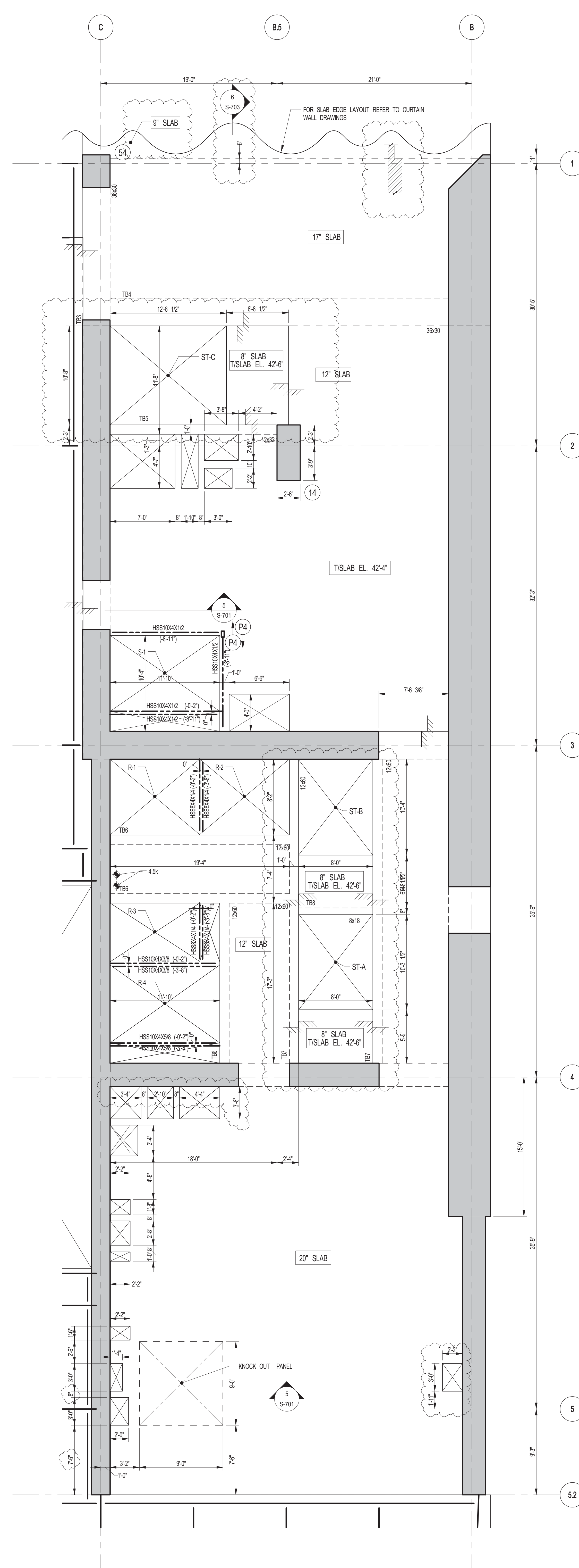
KEY PLAN: A site map showing the project area highlighted in grey. The map includes labels for "PROJECT #05", "WEST 57TH ST", "W AVE", and "E AVE".		
PROJECT NORTH 		
TRUE NORTH 		
DEVELOPER: EXTELL DEVELOPMENT COMPANY 805 THIRD AVENUE, 7TH FLOOR NEW YORK, NY 10022 USA TEL: 212 712 6000 FAX: 212 712 6100		
DESIGN ARCHITECT - Gordon Building Shell & Core ADRIAN SMITH + GORDON GILL ARCHITECTS 111 WEST MONROE STREET SUITE 2300 CHICAGO IL 60603 TEL: 312 920 1888 FAX: 312 920 1775		
INTERIOR DESIGNER: Residential Rotet Architects and Design Studio, PLLC 298 Fifth Ave., 7th Floor New York, NY 10001 TEL: 646 998 7000 FAX:		
ARCHITECT OF RECORD - Base Building Shell, Core, & Residential AJL Architectures, P.C. 401 Wellington St. W., 3rd Floor Toronto, ON M5V 1E7 Canada TEL: 416 967 1930 FAX: 416 967 7150		
STRUCTURAL ENGINEERS: WSP 228 EAST 48th Street New York, NY 10017 USA TEL: 646 687 8886 FAX: 646 487 5501		
MEP ENGINEERS: AKF GROUP 1501 Broadway New York, NY 10036 USA TEL: 212 354 5656 FAX: 212 354 5668		
GEOTECHNICAL ENGINEERS: Langan Engineering & Environmental Services 21 Penn Plaza, 280 West 37th Street, 8th Floor New York, NY 10001-2277 TEL: 212 478 5400 FAX: 212 478 5444		
CODE CONSULTANTS: Construction Consulting Associates 100 Church Street New York, NY 10007 TEL: 212 385 1818 FAX: 212 385 1911		
CURTAINWALL CONSULTANT: A.J.P. Consulting 40 Worth Street, Suite B26 New York, NY 10013 TEL: 212 757 9550 FAX: 646 219 8508		
LANDMARK/PRESERVATION CONSULTANT: Jin Harf Pokony Associates, Inc. 39 West 37th Street, 12A New York, NY 10018 TEL: 212 759 6462 FAX: 212 759 6540		
No.	DESCRIPTION	DATE
1	SCHEMATIC DESIGN	03-31-2014
2	ISSUED FOR SCHEMATIC DESIGN	04-04-2014
3	STEEL BID PACKAGE	05-22-2014
4	SUPERSTRUCTURE CONCRETE BID	06-02-2014
5	FOUNDATION DEVELOPMENT	07-01-2014
6	ISSUED FOR DESIGN DEVELOPMENT	07-31-2014
7	STRUCTURAL STEEL BID	09-15-2014
8	STRUCTURAL STEEL BID-ADDENDUM	10-01-2014
9	CD PROGRESS ISSUE 1	10-15-2014
10	ISSUED FOR CONSTRUCTION TO 5TH FLOOR ONLY	11-07-2014
11	ISSUED FOR CONSTRUCTION TO 7TH FLOOR ONLY	11-14-2014
12	DOB SUBMISSION	12-19-2014
13	CD PROGRESS ISSUE-2	12-19-2014
14	ISSUED FOR 6TH FLOOR MILL ORDER-PHASE I	01-14-2015
15	CD UPDATE ISSUE	02-10-2015
16	CONSTRUCTION DOCUMENTS ISSUE 3	03-09-2015
17	PROGRESS CD	05-08-2015
18	DOB SUBMISSION	05-19-2015
19	CD PROGRESS ISSUE 5	08-10-2015
20	DOB AMENDMENT 2	09-18-2015
Discrepancies must be reported immediately by the Architect before proceeding. Only figured dimensions are to be used. Contractors must check all dimensions on site. This drawing is protected by copyright. All DIMENSIONS ARE SHOWN IN IMPERIAL.		
CONSULTANT: The logo consists of three slanted parallel bars followed by the letters "WSP" in bold capital letters. 228 East 48th Street New York, New York 10017 (212) 687-5888 www.wspgroup.com/usd		
PROJECT: 217 WEST 57TH STREET NEW YORK, NY		
DRAWING TITLE: 3RD FLOOR - FRAMING PLAN		
SEAL & SIGNATURE: A circular professional seal for Robert J. DePaola, State of New York Professional Engineer No. 065939, expires 12/31/2015. _____ R. DEPAOLA REGISTERED PROFESSIONAL ENGINEER STATE OF NEW YORK NO. 065939 EXPIRATION DATE 12/31/2015		DATE: 03-31-2014 PROJECT NO.: 201718K DRAWN: CADY REV: _____ CHK: YEO SCALE: 1/8\"= 1'-0\" DWG NO: S-130.01 DOB PAGE NO.: 25 OF 158
DOBR EMPLOYEE STAMP: 		DOBR B-SCAN:



1 3RD FLOOR FRAMING PLAN
S-131 SCALE: 3/16" = 1'-0"

NOTES:

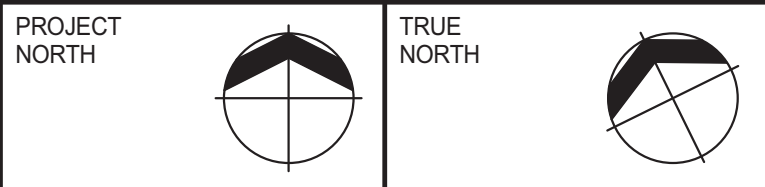
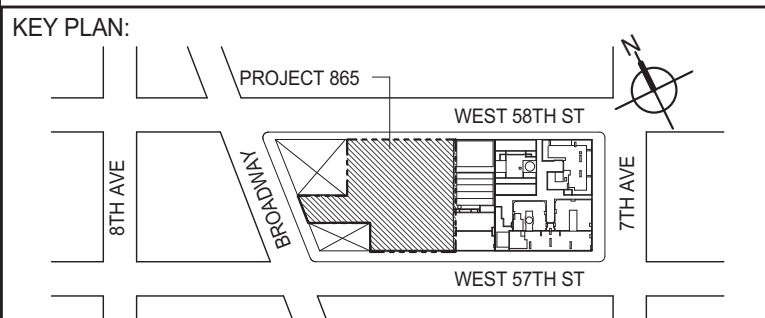
1. FOR T/S LAB ELEVATION SEE S-130.
2. CONCRETE SLAB SHALL BE 20" THICK U.O.N. THUS, ON PLAN.
3. CONCRETE STRENGTH f_c OF SLAB SHALL BE 10,000 psi.
4. BOTTOM REINFORCEMENT TO BE: #8@12 E.W. CONT. FOR 17' & 20' SLAB.
#10@12 E.W. CONT. FOR 12' SLAB.
#4@12 E.W. CONT. FOR 8' SLAB.
5. FOR BALANCE OF INFORMATION SEE DRAWING S-001.



2 3RD FLOOR GENERAL ARRANGEMENT PLAN
S-131 SCALE: 3/16" = 1'-0"

NOTES:

1. FOR SLAB INFORMATION SEE CORRESPONDING FRAMING PLAN



EXTELL DEVELOPMENT COMPANY
805 THIRD AVENUE, 7TH FLOOR
New York, NY 10022 USA
TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT: Base Building Shell & Core
ADRIAN SMITH + GORDON GILL ARCHITECTURE
111 WEST MONROE STREET SUITE 2300
CHICAGO IL 60603
TEL: 312 920 1888 FAX: 312 920 1775

INTERIOR DESIGNER: Residential
Rottet Architecture and Design Studio, PLLC
 298 Fifth Ave, 7th Floor
 New York, NY 10001
 TEL: 646 998 7000 FAX:

ARCHITECT OF RECORD: Base Building Shell, Core, & Residential
AAI ARCHITECTS, P.C.
 401 Wellington St. W., 3rd Floor
 Toronto, ON M5V 1E7 Canada
 TEL: 416 967 1500 FAX: 416 967 7150

STRUCTURAL ENGINEERS:
WSP
228 EAST 45th Street
New York, NY 10017 USA
TEL: 212 687 9888 FAX: 646 487 5501

MEP ENGINEERS:

AKF GROUP
1501 Broadway
New York, NY 10036 USA
TEL: 212 354 5656 FAX: 212 354 5668

GEOTECHNICAL ENGINEERS:
Langan Engineering & Environmental Services
21 Penn Plaza - 360 West 31st Street, 8th Floor
New York, NY 10001-2727
TEL: 212 478 5400 FAX: 212 478 5444

CODE CONSULTANTS:
Construction Consulting Associates
100 Church Street
New York, NY 10007
TEL: 212 385 1818 FAX: 212 385 1911

CURTAINWALL CONSULTANT:
AJLP Consulting
40 Worth Street, Suite 826
New York, NY 10013
TEL: 212 757 5659 FAX: 646 219 8508

LANDMARK/PRESERVATION CONSULTANT:
Jan Hird Pokorny Associates, Inc.
39 West 37th Street, 12A
New York, NY 10018
TEL: 212 759 6462 FAX: 212 759 6540

No.	DESCRIPTION	DATE
1	ISSUED FOR CONSTRUCTION UP TO 5TH FLOOR ONLY	11-07-2014
2	ISSUED FOR CONSTRUCTION UP TO 7TH FLOOR ONLY	11-14-2014
3	DOB SUBMISSION	12-19-2014
4	CD PROGRESS ISSUE-2	12-19-2014
5	CD UPDATE ISSUE	02-10-2015
6	CONSTRUCTION DOCUMENTS ISSUE 3	03-09-2015
7	PROGRESS CD	05-08-2015
8	CONSTRUCTION DOCUMENTS ISSUE 4	06-01-2015
9	CD PROGRESS ISSUE 5	08-10-2015
10	DOB AMENDMENT 2	09-18-2015

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CONSULTANT:

 **WSP**

228 East 45th Street
New York, NY 10017
(212) 687-9888
www.wspgroup.com/usa

PROJECT:

217 WEST 57TH STREET
NEW YORK, NY


DRAWING TITLE:

3RD FLOOR - PART GENERAL
ARRANGEMENT AND REINFORCING
PLAN

SEAL & SIGNATURE:	DATE: 11-07-2014
-------------------	------------------

PROJECT No:	2012185
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	DRAWN: CADD	REV:
	CHECK: YES	10



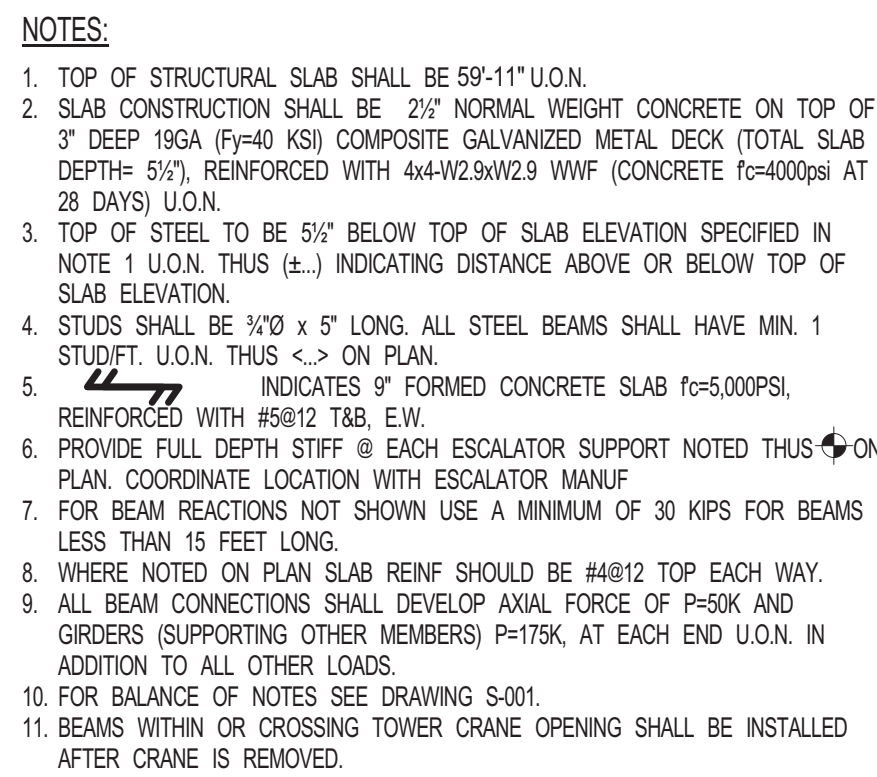
CHR.	TE
SCALE: As indicated	

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DWG No:
S-131.01

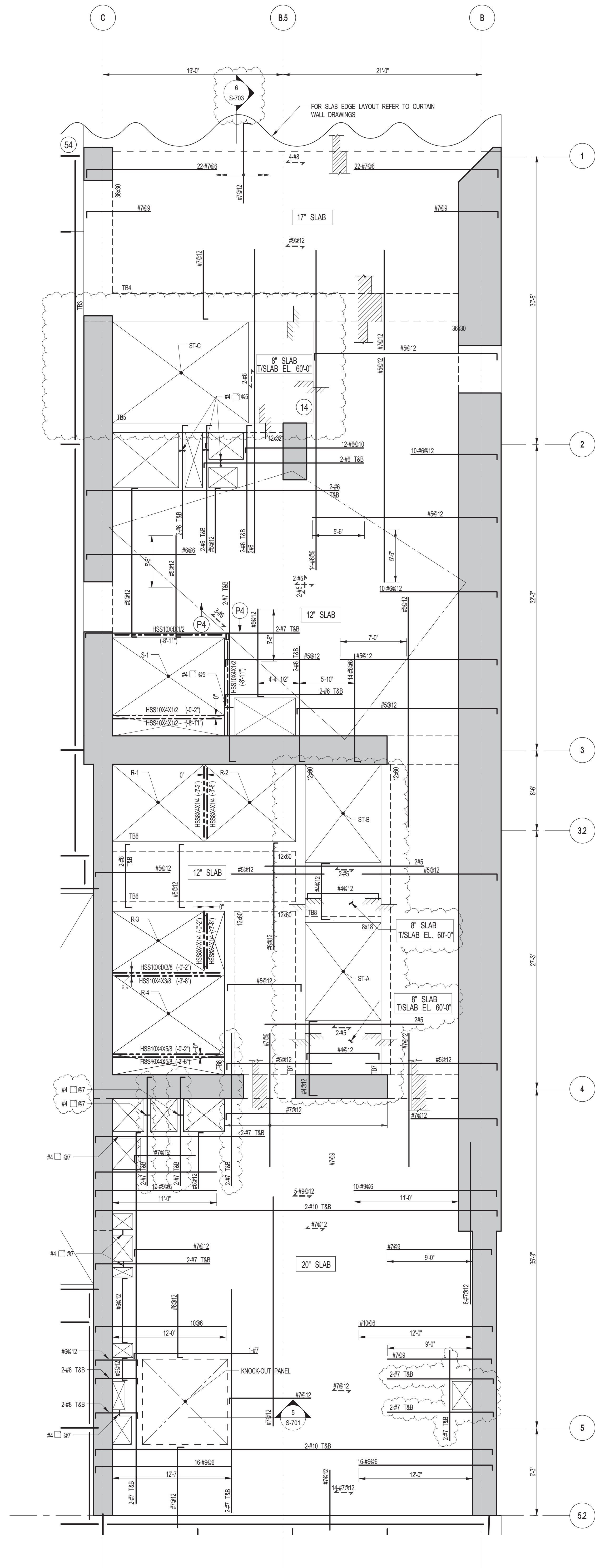
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DOB EMPLOYEE STAMP:	DOB B-SCAN:



No.	DESCRIPTION	DATE
1	SCHEMATIC DESIGN	03-31-2014
2	ISSUED FOR SCHEMATIC DESIGN	04-04-2014
3	STEEL BID PACKAGE	05-22-2014
4	SUPERSTRUCTURE CONCRETE BID	06-02-2014
5	DESIGN DEVELOPMENT	07-01-2014
6	ISSUED FOR DESIGN DEVELOPMENT	07-31-2014
7	STRUCTURAL STEEL BID	09-15-2014
8	STRUCTURAL STEEL BID-ADDENDUM	10-01-2014
9	CD PROGRESS ISSUE 1	10-15-2014
10	ISSUED FOR CONSTRUCTION UP TO T1 FLOOR ONLY	11-07-2014
11	ISSUED FOR CONSTRUCTION UP TO T2 FLOOR ONLY	11-14-2014
12	DOB SUBMISSION	12-19-2014
13	CD PROGRESS ISSUE 2	12-19-2014
14	ISSUED FOR CONSTRUCTION UP TO T3 FLOOR MILL ORDER- PHASE 1	01-14-2015
15	CD UPDATE ISSUE	02-10-2015
16	CONSTRUCTION DOCUMENTS ISSUE 3	03-09-2015
17	PROGRESS CD	05-08-2015
18	DOB SUBMISSION	05-19-2015
19	CD PROGRESS ISSUE 5	08-10-2015
20	DOB AMENDMENT 2	09-18-2015

4TH FLOOR - FRAMING PLAN

DOB EMPLOYEE STAMP:		DOB B-SCAN:
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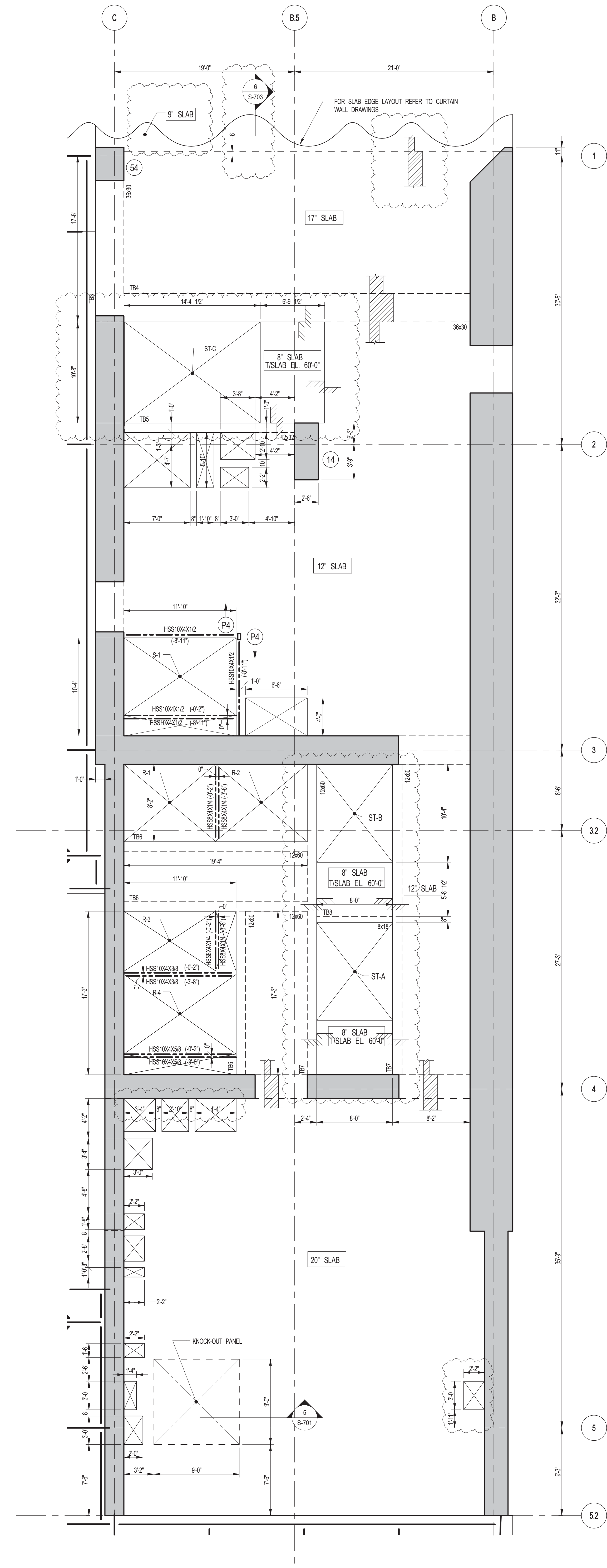


1 4TH FLOOR FRAMING PLAN

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

NOTES:

1. FOR TISLAB ELEVATION SEE S-140
2. CONCRETE SLAB SHALL BE 20" THICK U.O.N. THIS ... ON PLAN
3. CONCRETE STRENGTH, FC OF SLAB SHALL BE 10,000 PSI
4. BOTTOM REINFORCEMENT TO BE #8@12 E.W. CONT. FOR 17" & 20" SLAB
5. FOR BALANCE OF INFORMATION SEE DRAWING S-201



2 4TH FLOOR GENERAL ARRANGEMENT PLAN

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

NOTES:

1. FOR SLAB INFORMATION SEE CORRESPONDING FRAMING PLAN

KEY PLAN:

PROJECT NORTH: TRUE NORTH

DEVELOPER:
EXTELL DEVELOPMENT COMPANY
 805 THIRD AVENUE, 7TH FLOOR
 NEW YORK, NY 10022 USA
 TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT: Base Building Shell & Core
ADRIAN SMITH + GORDON GILL ARCHITECTURE
 111 WEST MONROE STREET SUITE 2300
 CHICAGO, IL 60603
 TEL: 312 920 1888 FAX: 312 920 1775

INTERIOR DESIGNER: Residential
Rottet Architecture and Design Studio, PLLC
 288 Fifth Ave., 7th Floor
 New York, NY 10001
 TEL: 646 998 7000 FAX:

ARCHITECT OF RECORD: Base Building Shell, Core, & Residential
AJA ARCHITECTS, P.C.
 401 Westchester St. W., 3rd Floor
 Toronto, ON M5V 1E7 Canada
 TEL: 416 967 1500 FAX: 416 967 7150

STRUCTURAL ENGINEERS:
WSP
 228 East 45th Street
 New York, NY 10017 USA
 TEL: 212 697 8885 FAX: 646 487 5501

MEP ENGINEERS:
AKF GROUP
 1501 Broadway
 New York, NY 10036 USA
 TEL: 212 354 5656 FAX: 212 354 5668

GEOTECHNICAL ENGINEERS:
Langan Engineering & Environmental Services
 21 Penn Plaza - 360 West 57th Street, 8th Floor
 New York, NY 10001-2727
 TEL: 212 479 5400 FAX: 212 479 5444

CODE CONSULTANTS:
Construction Consulting Associates
 100 Church Street
 New York, NY 10007
 TEL: 212 385 1515 FAX: 212 385 1911

CURTAINWALL CONSULTANT:
AJLP Consulting
 40 Worth Street, Suite 826
 New York, NY 10013
 TEL: 212 757 6559 FAX: 646 219 8508

LANDMARK/PRESERVATION CONSULTANT:
Jan Hird Pokorny Associates, Inc.
 39 West 57th Street, 12A
 New York, NY 10019
 TEL: 212 759 6452 FAX: 212 759 6540

No.	DESCRIPTION	DATE
1	ISSUED FOR CONSTRUCTION UP TO 5TH FLOOR ONLY	11-07-2014
2	ISSUED FOR CONSTRUCTION UP TO 7TH FLOOR ONLY	11-14-2014
3	DOB SUBMISSION	12-19-2014
4	CD PROGRESS ISSUE-2	12-19-2014
5	CD UPDATE ISSUE	02-10-2015
6	CONSTRUCTION DOCUMENTS ISSUE 3	03-09-2015
7	PROGRESS CD	05-08-2015
8	CONSTRUCTION DOCUMENTS ISSUE 4	06-01-2015
9	CD PROGRESS ISSUE 5	08-10-2015
10	DOB AMENDMENT 2	09-18-2015

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ALL DIMENSIONS ARE SHOWN IN IMPERIAL.

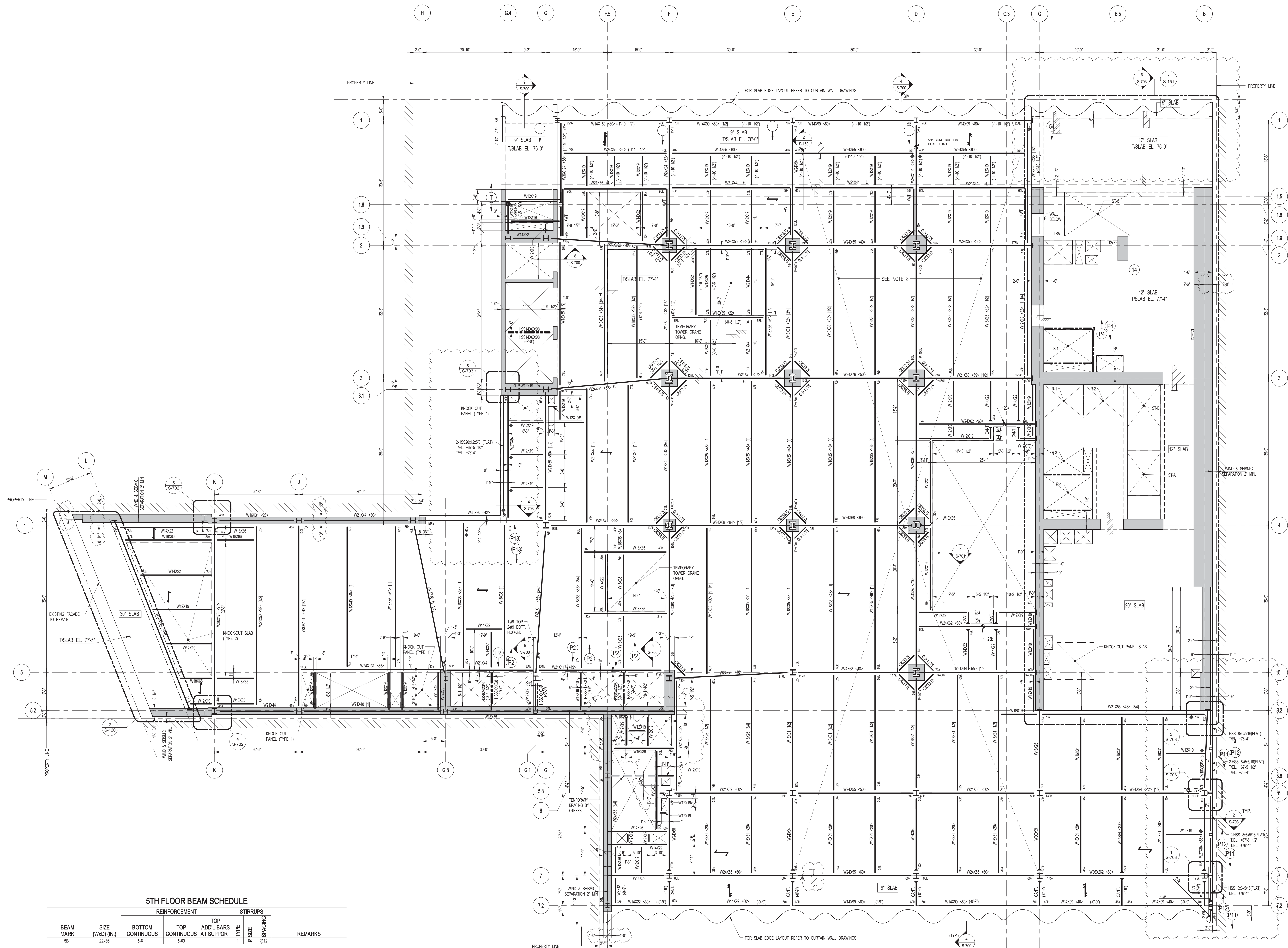
CONSULTANT:
WSP
 228 East 45th Street
 New York, NY 10017
 (212) 697-8885
 www.wspgroup.com/usa

PROJECT:
217 WEST 57TH STREET
NEW YORK, NY

DRAWING TITLE:
4TH FLOOR - PART GENERAL ARRANGEMENT AND REINFORCING PLAN

SEAL & SIGNATURE:

DATE: 11-07-2014
PROJECT No: 2012185
DRAWN: CADDO
CHK: YE
SCALE: As indicated
DWG No: **S-141.01**
DOB PAGE No: 28 OF 158
DOB EMPLOYEE STAMP: UCSB B-SCAN:



1 5TH FLOOR FRAMING PLAN
SCALE: 1/8" = 1'-0"

- NOTES:
- TOP OF STRUCTURAL SLAB SHALL BE 77'-5" U.O.N.
 - SLAB CONSTRUCTION SHALL BE: 2"X NORMAL WEIGHT CONCRETE ON TOP OF 3" DEEP 16GA (F=44) KSI COMPOSITE GALVANIZED METAL DECK (TOTAL SLAB DEPTH= 5") REINFORCED WITH 4#W2X20W23 WWF (CONCRETE F=4000psi AT 28 DAYS) U.O.N.
 - TOP OF STEEL TO BE 9" BELOW TOP OF SLAB ELEVATION SPECIFIED IN NOTE 1. U.O.N. THIS (L) INDICATING DISTANCE ABOVE OR BELOW TOP OF SLAB ELEVATION.
 - STUDS SHALL BE 7'0" x 5' LONG. ALL STEEL BEAMS SHALL HAVE MIN. 1 STUD/FT. U.O.N. THIS (C) ON PLAN.
 - INDICATES 9" CONCRETE SLAB F=5000PSI REINF. WITH #5@12 T&B.
 - PROVIDE FULL DEPTH STIFF @ EACH ESCALATOR SUPPORT NOTED THIS (S) ON PLAN. COORDINATE LOCATIONS W/ ESCALATOR MANUFACTURER.
 - FOR BEAM REACTIONS NOT SHOWN USE A MINIMUM OF 30 KIPS FOR BEAMS LESS THAN 15 FEET LONG.
 - WHERE NOTED ON PLAN SLAB REINF. SHALL BE #4@12 TOP E.W.
 - ALL BEAM CONNECTIONS SHALL DEVELOP AXIAL FORCE OF P=0A GROSS (SUPPORTING OTHER MEMBERS) P/STK AT EACH END U.O.N. IN ADDITION TO ALL OTHER LOADS.
 - PROVIDE ALLOWANCE OF 15 DAYS FOR TYPICAL DETAILS SEE 5400 SERIES DWGS.
 - FOR BALANCE OF NOTES SEE DRAWING 5401.
 - BEAMS WITHIN OR CROSSING TOWER CRANE OPENING SHALL BE INSTALLED AFTER CRANE IS REMOVED.

KEY PLAN

PROJECT NORTH

TRUE NORTH

DEVELOPER: **EXTELL DEVELOPMENT COMPANY**
805 THIRD AVENUE, 7TH FLOOR
NEW YORK, NY 10022 USA
TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT: **Base Building Shell & Core**
ADRIAN SMITH + GORDON GILL ARCHITECTURE
111 WEST MONROE STREET SUITE 2300
CHICAGO, IL 60603
TEL: 312 920 1888 FAX: 312 920 1775

INTERIOR DESIGNER: **Residential**
Rottet Architecture and Design Studio, PLLC
288 Fifth Ave, 7th Floor
New York, NY 10001
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ARCHITECT OF RECORD: **Base Building Shell, Core & Residential**
AJA ARCHITECTS, P.C.
401 Wellington St W., 3rd Floor
Toronto, ON M5V 1E7 Canada
TEL: 416 967 1500 FAX: 416 967 7150

STRUCTURAL ENGINEERS: **WSP**
228 EAST 45th Street
New York, NY 10017 USA
TEL: 212 687 8885 FAX: 646 487 5501

MEP ENGINEERS: **AKF GROUP**
1501 Broadway
New York, NY 10036 USA
TEL: 212 354 5656 FAX: 212 354 5668

GEOTECHNICAL ENGINEERS: **Langan Engineering & Environmental Services**
21 Penn Plaza, 360 West 31st Street, 8th Floor
New York, NY 10001-2727
TEL: 212 479 5400 FAX: 212 479 5444

CODE CONSULTANTS: **Construction Consulting Associates**
100 Church Street
New York, NY 10007
TEL: 212 385 1515 FAX: 212 385 1911

CURTAINWALL CONSULTANT: **AJLP Consulting**
40 North Street, Suite 826
New York, NY 10013
TEL: 212 757 6659 FAX: 646 219 8508

LANDMARK/PRESERVATION CONSULTANT: **Jan Hird Pokorny Associates, Inc.**
39 West 37th Street, 12A
New York, NY 10018
TEL: 212 759 6452 FAX: 212 759 6540

No.	DESCRIPTION	DATE
1	SCHEMATIC DESIGN	03-31-2014
2	ISSUED FOR SCHEMATIC DESIGN	04-04-2014
3	STEEL BID PACKAGE	05-22-2014
4	SUPERSTRUCTURE CONCRETE BID	06-02-2014
5	DESIGN DEVELOPMENT	07-01-2014
6	ISSUED FOR DESIGN DEVELOPMENT	07-31-2014
7	STRUCTURAL STEEL BID	09-15-2014
8	STRUCTURAL STEEL BID-ADDENDUM	10-01-2014
9	CD PROGRESS ISSUE 1	10-15-2014
10	ISSUED FOR CONSTRUCTION UP TO 5TH FLOOR ONLY	11-07-2014
11	ISSUED FOR CONSTRUCTION UP TO 7TH FLOOR ONLY	11-14-2014
12	DOB SUBMISSION	12-19-2014
13	CD PROGRESS ISSUE-2	12-19-2014
14	ISSUED FOR 8TH FLOOR MILL ORDER- PHASE 1	01-14-2015
15	CD UPDATE ISSUE	02-10-2015
16	CONSTRUCTION DOCUMENTS ISSUE 3	03-09-2015
17	PROGRESS CD	05-08-2015
18	DOB SUBMISSION	05-19-2015
19	CD PROGRESS ISSUE 5	08-10-2015
20	DOB AMENDMENT 2	09-18-2015

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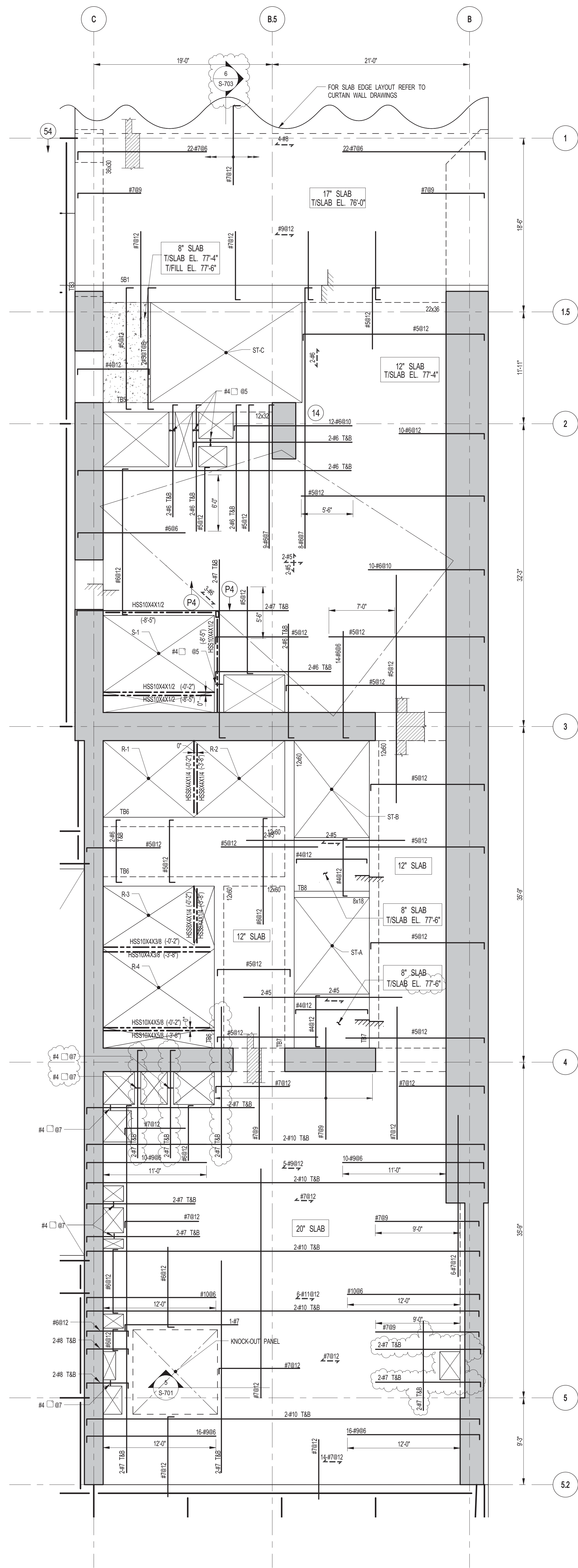
CONSULTANT: **WSP**
228 East 45th Street
New York, NY 10017
(212) 687-8885
www.wsgroup.com/usa

PROJECT: **217 WEST 57TH STREET
NEW YORK, NY**

DRAWING TITLE: **5TH FLOOR - FRAMING PLAN**

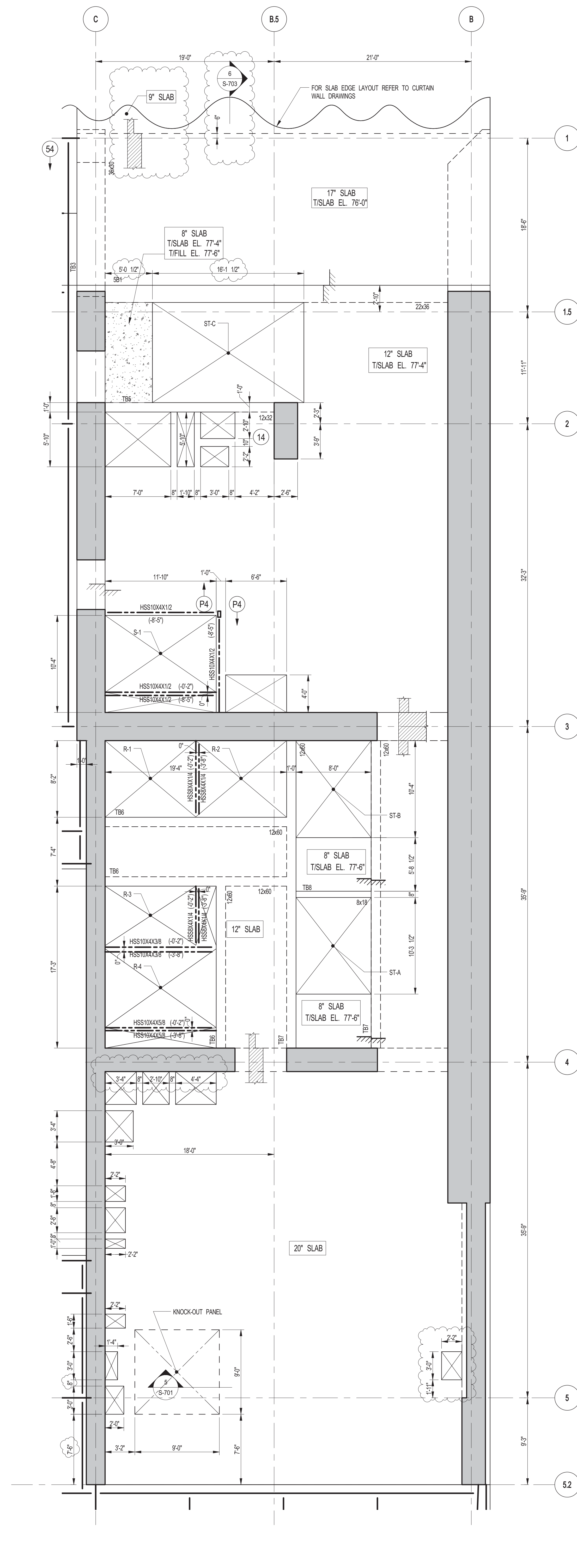
SEAL & SIGNATURE

DATE: 03-31-2014
PROJECT No: 2012185
DRAWN: CADDO
CHK: YE
SCALE: 1/8" = 1'-0"
DWG No: **S-150.01**
DOB PAGE No: 29 OF 158
DOB E-SON:



1 5TH FLOOR FRAMING PLAN
 SCALE: 3/16" = 1'-0"

- NOTES:**
1. FOR TISLAB ELEVATION SEE S-150.
 2. CONCRETE SLAB SHALL BE 20" THICK UNLESS NOTED OTHERWISE ON PLAN.
 3. CONCRETE STRENGTH IN 16" OF SLAB SHALL BE 10,000 PSI.
 4. BOTTOM REINFORCEMENT TO BE #8@12 E.W. CONT. FOR 17' & 20' SLAB.
 #5812 E.W. CONT. FOR 12' SLAB.
 #4812 E.W. CONT. FOR 8' SLAB.
 5. FOR BALANCE OF INFORMATION SEE DRAWING S-201.



2 5TH FLOOR GENERAL ARRANGEMENT PLAN
 SCALE: 3/16" = 1'-0"

- NOTES:**
1. FOR SLAB INFORMATION SEE CORRESPONDING FRAMING PLAN.

KEY PLAN:

PROJECT: NORTH

DEVELOPER: EXTREME DEVELOPMENT COMPANY
 805 THIRD AVENUE, 7TH FLOOR
 NEW YORK, NY 10022 USA
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CURTAINWALL CONSULTANT:
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LANDMARK/PRESERVATION CONSULTANT:
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 New York, NY 10019
 TEL: 212 759 6452 FAX: 212 759 6540

No.	DESCRIPTION	DATE
1	ISSUED FOR CONSTRUCTION UP TO 5TH FLOOR ONLY	11-07-2014
2	ISSUED FOR CONSTRUCTION UP TO 7TH FLOOR ONLY	11-14-2014
3	DOB SUBMISSION	12-19-2014
4	CD PROGRESS ISSUE-2	12-19-2014
5	CD UPDATE ISSUE	02-10-2015
6	PROGRESS CD	05-08-2015
7	CONSTRUCTION DOCUMENTS ISSUE 4	06-01-2015
8	CD PROGRESS ISSUE 5	08-10-2015
9	DOB AMENDMENT 2	09-18-2015

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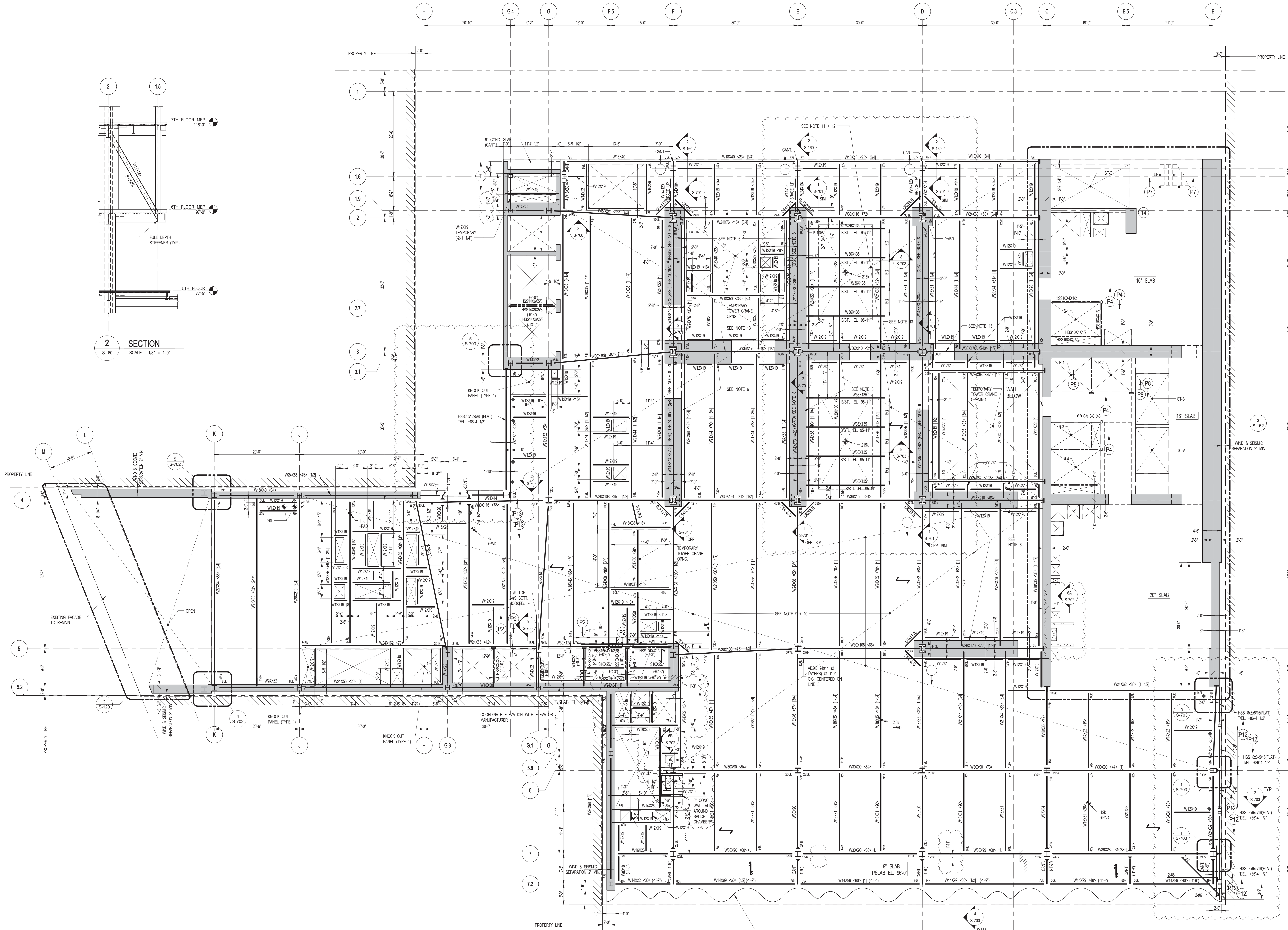
ALL DIMENSIONS ARE SHOWN IN IMPERIAL.

CONSULTANT: **WSP**
 228 East 45th Street
 New York, NY 10017
 (212) 687-8888
 www.wspgroup.com/usa

PROJECT: 217 WEST 57TH STREET
 NEW YORK, NY

DRAWING TITLE: 5TH FLOOR - PART GENERAL ARRANGEMENT AND REINFORCING PLAN

<p>SEAL & SIGNATURE:</p>	<p>DATE: 11-07-2014</p> <p>PROJECT No: 2012185</p> <p>DRAWN: CADDO</p> <p>CHK: YE</p> <p>SCALE: As indicated</p> <p>DWG No: S-151.01</p> <p>DOB PAGE No: 30 OF 158</p> <p>DOB B-SCAN:</p>
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6TH FLOOR FRAMING PLAN

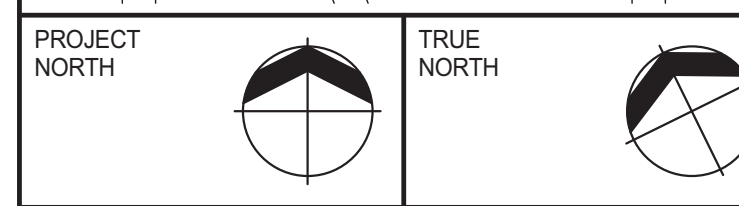
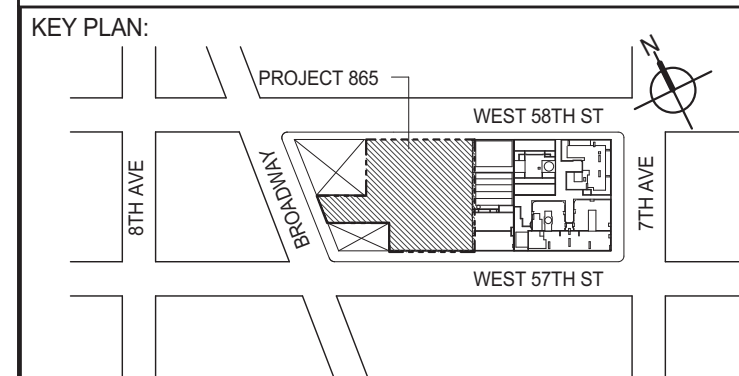
SCALE: 1/8" = 1'-0"

NOTES:

1. TOP OF STRUCTURAL SLAB SHALL BE 9'-0" U.O.N.
2. SLAB CONSTRUCTION SHALL BE: 10" NORMAL WEIGHT CONCRETE ON TOP OF 3" DEEP 16GA (Fy=50 KSI) COMPOSITE GALVANIZED METAL DECK (TOTAL SLAB DEPTH: 13"); REINFORCED WITH #4@12 TAB. E.W. (CONCRETE Fc=4000 PSI AT 28 DAYS) U.O.N.
3. TOP OF STEEL TO BE 1'0" BELOW TOP OF SLAB ELEVATION SPECIFIED IN NOTE 1 U.O.N. THIS (2.) INDICATING DISTANCE ABOVE OR BELOW TOP OF SLAB ELEVATION.
4. STUDS SHALL BE 12" X 8" LONG. ALL STEEL BEAMS SHALL HAVE MIN. 1 STUD/FT U.O.N. THIS (2.) ON PLAN.
5. FOR BEAM REINFORCEMENT NOT SHOWN USE A MINIMUM OF 30 KPS FOR BEAM LESS THAN 15 FEET LONG.
6. WHERE NOTED, WALLS STARTING AT THIS LEVEL SHALL BE REINFORCED IN 10' U.L.T.S.
7. FOR BALANCE OF NOTES SEE DRAWING S-101.
8. WHERE NOTED BEAM TO BE #4@12 U.O.N. WITH 12X19 STUDS PER FOOT ALONG LINES D AND E AND 12X19 STUDS PER FOOT ALONG LINE F.
9. WHERE NOTED BEAM TO BE #4@12 U.O.N. WITH 12X19 STUDS PER FOOT ALONG LINES D AND E AND 12X19 STUDS PER FOOT ALONG LINE F.
10. WHERE NOTED ON PLAN SLAB REINFORCEMENT SHALL BE #7@12 TAB. E.W.
11. WHERE NOTED ALL BEAM CONNECTIONS SHALL DEVELOP AXIAL FORCE OF P-150K AND GRIDDERS (SUPPORTING OTHER MEMBERS) P-400K AT EACH END U.O.N. IN ADDITION TO ALL OTHER LOADS.
12. WHERE NOTED ON PLAN SLAB REINFORCEMENT SHALL BE #7@12 TAB. E.W.
13. WHERE NOTED PROVIDE 8" STUDS/FT ALL AROUND.
14. INDICATES 9" FORMED CONCRETE SLAB Fc=5,000PSI REINFORCED WITH #4@12 TAB. E.W.
15. FOR BALANCE OF NOTES SEE DRAWING S-101.
16. BEAMS WITHIN OR CROSSING TOWER CRANE OPENING SHALL BE INSTALLED AFTER CRANE IS REMOVED.

6TH FLOOR BEAM SCHEDULE

BEAM MARK	SIZE (WxD) (IN.)	REINFORCEMENT		TOP ADD'L BARS AT SUPPORT	STIRRUPS		REMARKS
		BOTTOM CONTINUOUS	TOP CONTINUOUS		TYPE	SIZE	
6B1	14x26.5	4#11	2#8		#4	#12	#4@6 E.F. HORIZ



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 805 THIRD AVENUE, 7TH FLOOR
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DESIGN ARCHITECT: **ADRIAN SMITH + GORDON GILL ARCHITECTURE**
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 TEL: 312 920 1888 FAX: 312 920 1775

INTERIOR DESIGNER: **Rottet Architecture and Design Studio, PLLC**
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 TEL: 646 988 7000 FAX:

ARCHITECT OF RECORD: **AAI ARCHITECTS, P.C.**
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 Toronto, ON M5V 1E7 Canada
 TEL: 416 967 1500 FAX: 416 967 7150

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 228 EAST 45th Street
 New York, NY 10017 USA
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MEP ENGINEERS: **AKF GROUP**
 1501 Broadway
 New York, NY 10036 USA
 TEL: 212 354 5656 FAX: 212 354 5668

GEOTECHNICAL ENGINEERS: **Langan Engineering & Environmental Services**
 21 Penn Plaza, 360 West 31st Street, 8th Floor
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CODE CONSULTANTS: **Construction Consulting Associates**
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 40 Worth Street, Suite 826
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LANDMARK PRESERVATION CONSULTANT: **Jan Hird Pokorny Associates, Inc.**
 39 West 57th Street, 12A
 New York, NY 10019
 TEL: 212 759 6452 FAX: 212 759 6540

No.	DESCRIPTION	DATE
1	SCHEMATIC DESIGN	03-31-2014
2	ISSUED FOR SCHEMATIC DESIGN	04-04-2014
3	STEEL BID PACKAGE	05-22-2014
4	SUPERSTRUCTURE CONCRETE BID	06-02-2014
5	DESIGN DEVELOPMENT	07-01-2014
6	ISSUED FOR DESIGN DEVELOPMENT	07-31-2014
7	STRUCTURAL STEEL BID	09-15-2014
8	STRUCTURAL STEEL BID-ADDENDUM	10-01-2014
9	CD PROGRESS ISSUE 1	10-15-2014
10	ISSUED FOR CONSTRUCTION UP TO 7TH FLOOR ONLY	11-14-2014
11	DOB SUBMISSION	12-19-2014
12	CD PROGRESS ISSUE-2	12-19-2014
13	ISSUED FOR 8TH FLOOR MILL ORDER-PHASE 1	01-14-2015
14	CD UPDATE ISSUE	02-10-2015
15	CONSTRUCTION DOCUMENTS ISSUE 3	03-09-2015
16	PROGRESS CD	05-08-2015
17	DOB SUBMISSION	05-19-2015
18	CONSTRUCTION DOCUMENTS ISSUE 4	06-01-2015
19	CD PROGRESS ISSUE 5	08-10-2015
20	DOB AMENDMENT 2	09-18-2015

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CONSULTANT: **WSP**
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 (212) 687-8885
 www.wspgroup.com/usa

PROJECT: **217 WEST 57TH STREET
 NEW YORK, NY**

DRAWING TITLE: **6TH FLOOR - FRAMING PLAN**

SEAL & SIGNATURE:
 DATE: 03-31-2014
 PROJECT No: 2012186
 DRAWN: CADDO
 CHK: YE
 SCALE: 1/8" = 1'-0"
 DWG No: **S-160.01**

DOB EMPLOYEE STAMP:
 DOB PAGE No: 31 OF 158
 DOB S-CODE:



1. TOP OF STRUCTURAL SLAB SHALL BE AS NOTED ON PLAN.
2. SLAB CONSTRUCTION SHALL BE 2 1/2" NORMAL WEIGHT CONCRETE ON TOP OF 3" DEEP 19GA (F60) 42 KSI COMPOSITE GALVANIZED METAL DECK (TOTAL SLAB DEPTH 5/8"). REINFORCED WITH 4x6-W20x21 W.I.F. (CONCRETE f'c=4000psi AT 28 DAYS) U.O.N.
3. TOP OF STEEL TO BE 5/8" BELOW TOP OF SLAB ELEVATION SPECIFIED IN NOTE 1 U.O.N. THIS (+/-) INDICATING DISTANCE ABOVE OR BELOW TOP OF SLAB ELEVATION.
4. STUDS SHALL BE 1/4" X 5" LONG. ALL STEEL BEAMS SHALL HAVE MIN. 1 STUD/F. U.O.N. THIS IS A PLAN.
5. FOR W10 BEAM REACTIONS NOT SHOWN USE A MINIMUM OF 30 KIPS FOR BEAMS LESS THAN FEET LONG.
6. FOR BEAMS OF NOTES SEE DRAWING S-001.



FOR NOTES SEE 1/S-161
SLAB CONSTRUCTION SHALL BE 4 1/2" NORMAL WEIGHT CONCRETE ON TOP OF 3" DEEP 19Ga.
(Fy=50ksi) GALVANIZED METAL DECK (TOTAL SLAB DEPTH = 7 1/2") REINFORCED WITH 6x6-W5.5x15.
W.W.F. (CONCRETE Fc=4,000psi AT 28 DAYS) U.O.N.



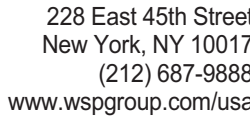
1. SLAB CONSTRUCTION SHALL BE 4 1/2" NORMAL WEIGHT CONCRETE ON TOP OF 3" DEEP 19Ga. (Fy=50ksi) GALVANIZED METAL DECK (TOTAL SLAB DEPTH = 7 1/2") REINFORCED WITH @6-W5.5xW5.5 W.W.F. (CONCRETE f'c=4,000psi AT 28 DAYS) U.O.N.

No.	DESCRIPTION	DATE
1	STRUCTURAL STEEL BID	09-15-2014
2	STRUCTURAL STEEL BID-ADDENDUM	10-01-2014
3	CD PROGRESS ISSUE 1	10-15-2014
4	ISSUED FOR CONSTRUCTION UP TO 7TH FLOOR ONLY	11-14-2014
5	DOB SUBMISSION	12-19-2014
6	CD PROGRESS ISSUE-2	12-19-2014
7	CD UPDATE ISSUE	02-10-2015
8	PROGRESS CD	05-08-2015
9	DOB SUBMISSION	05-19-2015
10	CD PROGRESS ISSUE 5	08-10-2015
11	DOB AMENDMENT 2	09-18-2015

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CONSULTANT



PROJECT

217 WEST 57TH STREET
NEW YORK, NY

DRAWING TITLE

6TH FLOOR - FRAMING PART PLANS

SEAL & SIGNATURE



PROJECT No:

DRAWN: CAD

CHK:	YE
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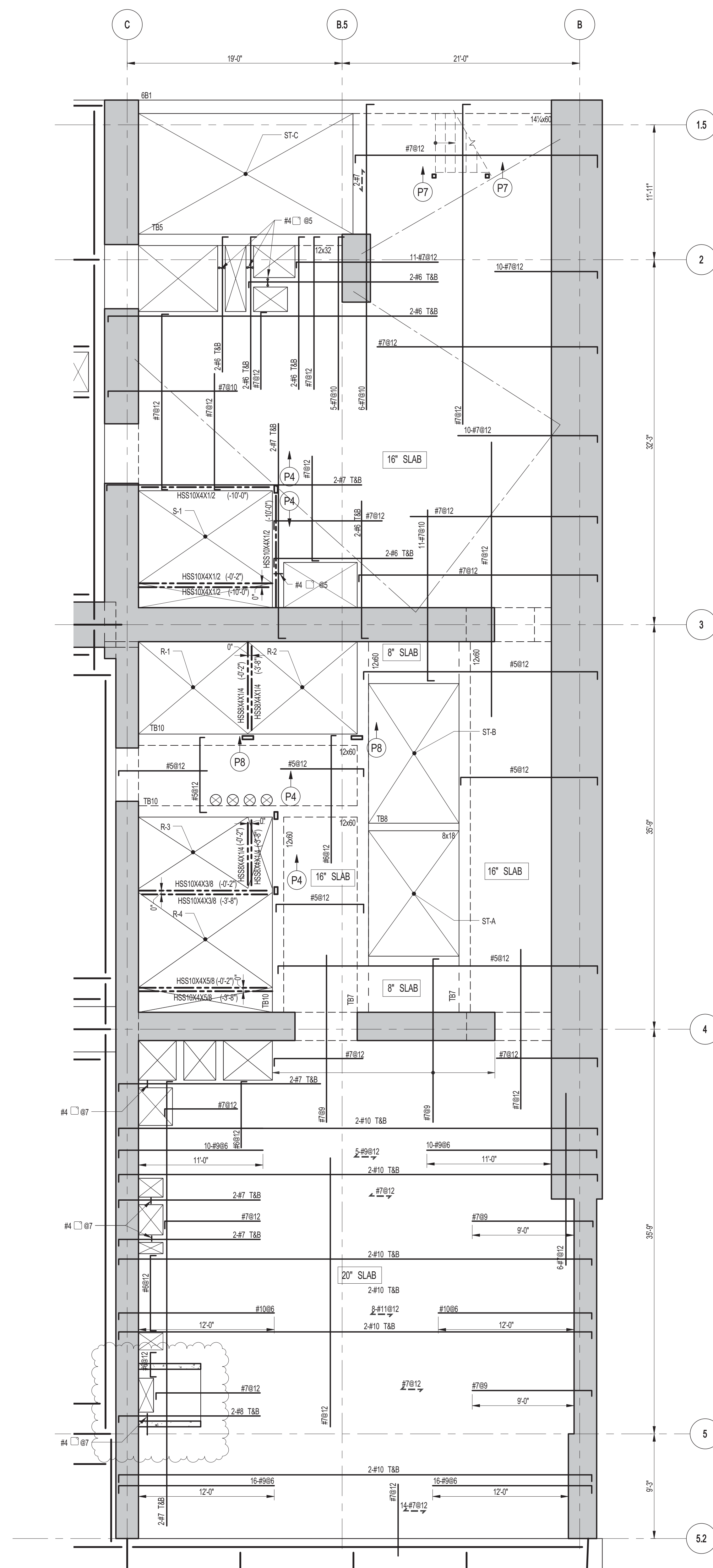
SCALE: 3/16" =

DWG No:
S-161.01

DOB PAGE No: 00 00 100

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2 OF 158
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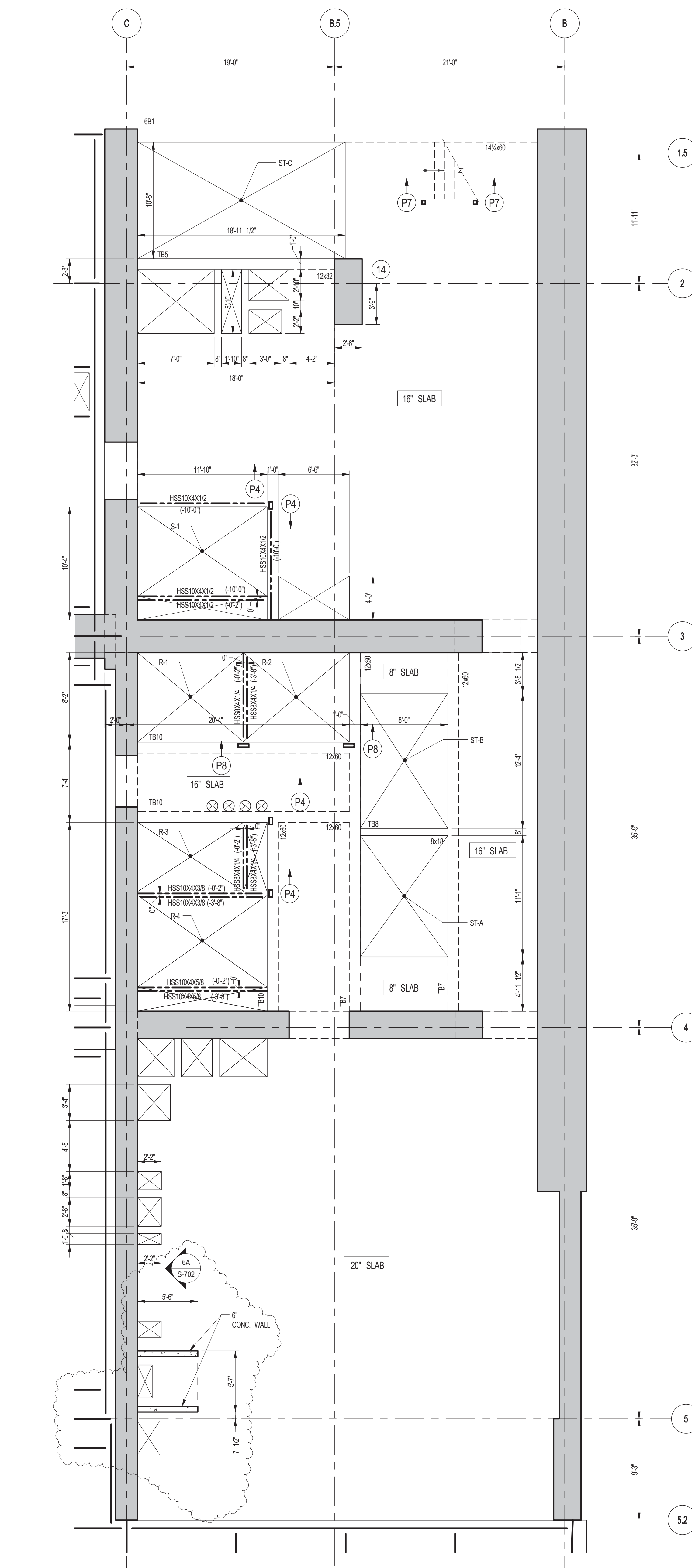


1 6TH FLOOR FRAMING PLAN

S-162 SCALE: 3/16" = 1'-0"

NOTES

1. FOR TISLAB ELEVATION SEE S-160.
2. CONCRETE SLAB SHALL BE 2" THICK U.O.N. THUS [] ON PLAN.
3. CONCRETE STRENGTH f_c OF SLAB SHALL BE 10,000 psi.
4. BOTTOM REINFORCEMENT TO BE: #8@12 E.W. CONT. FOR 16" & 20" SLAB.
#8@12 E.W. CONT. FOR 12" SLAB.
5. FOR BALANCE OF INFORMATION SEE DRAWING S-001.

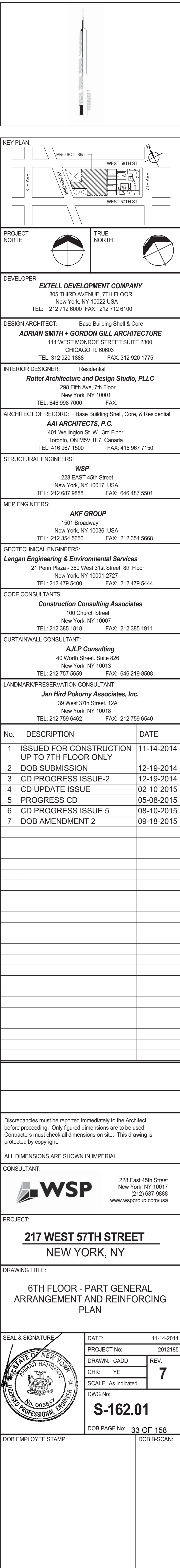


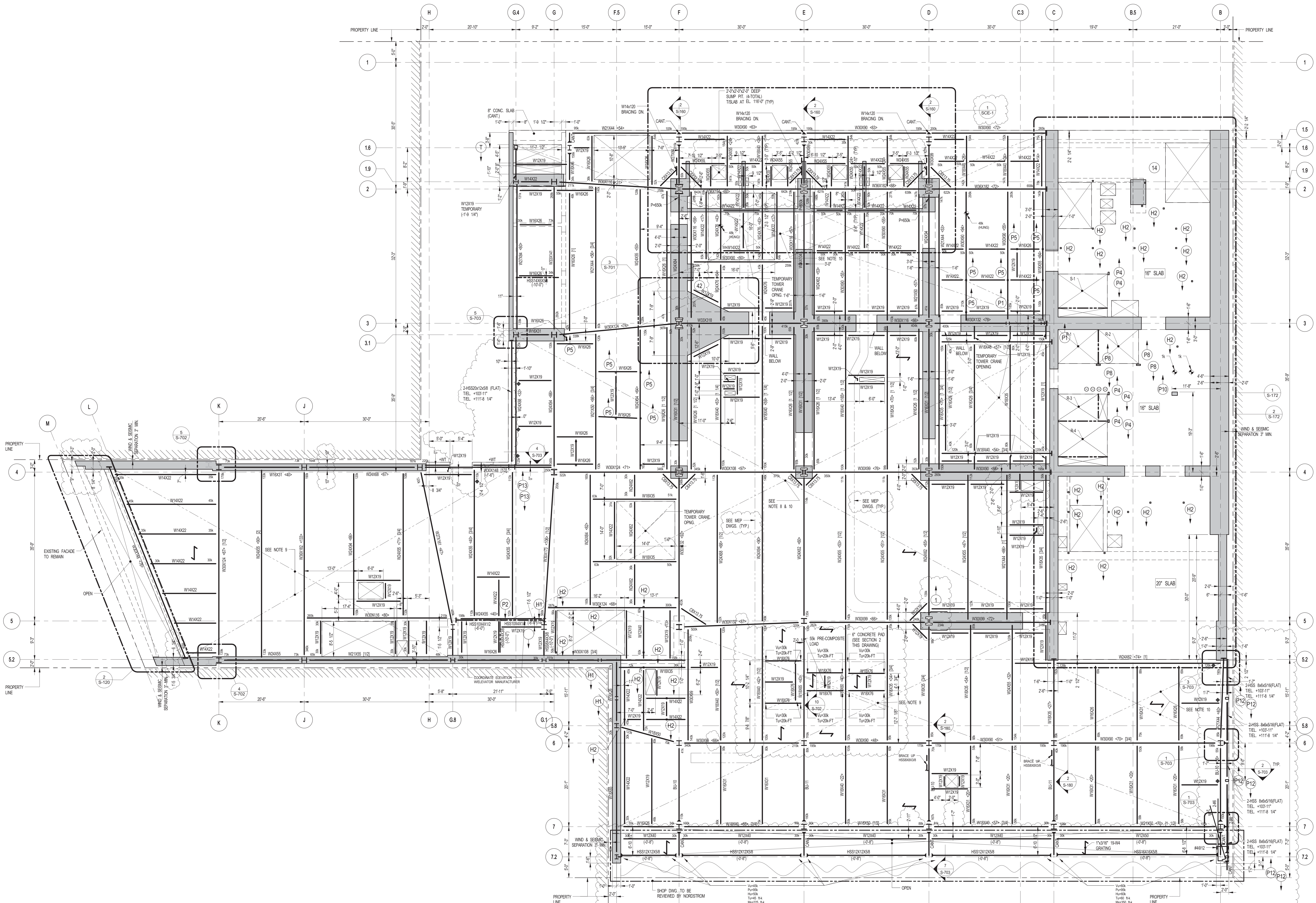
2 6TH FLOOR GENERAL ARRANGEMENT PLAN

S-162 SCALE: 3/16" = 1'-0"

NOTES

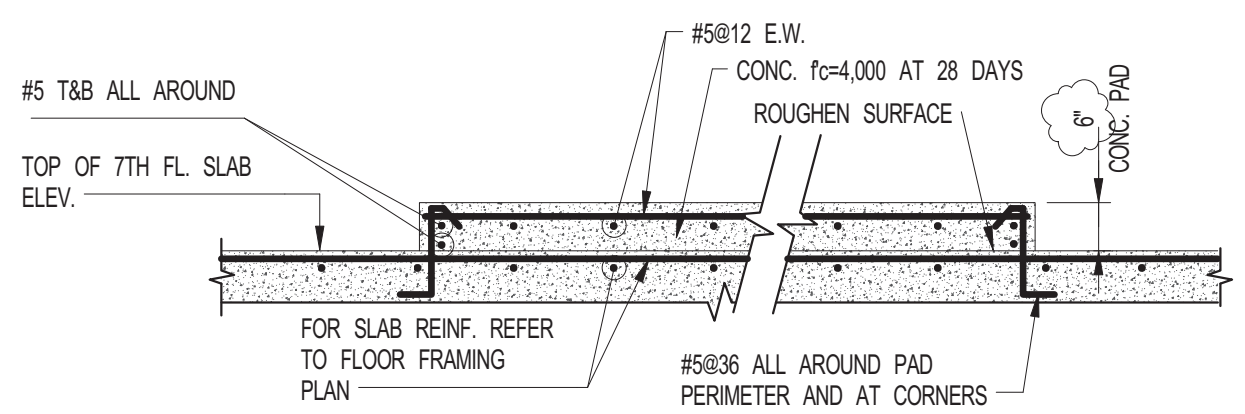
1. FOR SLAB INFORMATION SEE CORRESPONDING FRAMING PLAN.





BEAM MARK	SIZE (WxD) (IN)	REINFORCEMENT		TOP ADD'L BARS AT SUPPORT	STIRRUPS		REMARKS
		BOTTOM CONTINUOUS	TOP CONTINUOUS		TYPE	SIZE	
781	12x22	3#10	2#8	2#7	1	#4 @12	
783	24x60	10#11 (2 LAYERS)	5#8		1	#4 @12	#4@10 E.F. HORIZ.
784	36x45	6#11	5#8		2	#4 @12	#4@10 E.F. HORIZ.

- 7TH FLOOR FRAMING PLAN**
SCALE: 1/8" = 1'-0"
- TOP OF STRUCTURAL SLAB SHALL BE 118'-0" U.O.N.
 - SLAB CONSTRUCTION SHALL BE 4" NORMAL WEIGHT CONCRETE ON TOP OF 7" DEEP 16# (F500) KSI COMPOSITE GALVANIZED METAL DECK (TOTAL SLAB DEPTH 17") REINFORCED WITH #5@12 E.W. (CONCRETE f'_c=4000psi AT 28 DAYS U.O.N.)
 - TOP OF STEEL TO BE 9" BELOW TOP OF SLAB ELEVATION SPECIFIED IN NOTE 1 U.O.N. THIS (L-) INDICATING DISTANCE ABOVE OR BELOW TOP OF SLAB ELEVATION.
 - STUDS SHALL BE 100 x 9" LONG ALL STEEL BEAMS SHALL HAVE MIN. 1 STUDT U.O.N. THIS (L-) ON PLAN.
 - FOR BEAM REACTIONS NOT SHOWN USE A MINIMUM OF 30 KIPS FOR BEAMS LESS THAN 10 FEET LONG.
 - FOR SLAB & BEAM TIES REFER TO DETAIL S6-171.
 - TAPER SOUTH END OF CANTILEVER TO 12" (TYP.)
 - FOR BEAMS OF NOTE SEE DRAWING S-10.
 - WHERE NOTED ON PLAN SLAB REINFORCEMENT SHALL BE #5@8 TAB E.W.
 - ALL BEAM CONNECTIONS SHALL DEVELOP AXIAL FORCE OF P_{max} AND GRIDDERS (SUPPORTING OTHER MEMBERS) P_{max} AT EACH END U.O.N. IN ADDITION TO ALL OTHER LOADS.
 - ALL BEAM CONNECTIONS SHALL DEVELOP AXIAL FORCE OF P_{min} AND GRIDDERS (SUPPORTING OTHER MEMBERS) P_{min} AT EACH END U.O.N. IN ADDITION TO ALL OTHER LOADS.
 - BEAMS WITH OR CROSSING TOWER CRANE OPENING SHALL BE INSTALLED AFTER CRANE IS REMOVED.



2 SECTION AT CONCRETE PAD
SCALE: 1/2" = 1'-0"

KEY PLAN
PROJECT W51
WEST 57TH ST
7TH FLOOR

PROJECT NORTH
TRUE NORTH

DEVELOPER:
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TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT: Base Building Shell & Core
ADRIAN SMITH + GORDON GILL ARCHITECTURE
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INTERIOR DESIGNER: Residential
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ARCHITECT OF RECORD: Base Building Shell, Core, & Residential
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MEP ENGINEERS:
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TEL: 212 354 5656 FAX: 212 354 5668

GEOTECHNICAL ENGINEERS:
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New York, NY 10001-2272
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CODE CONSULTANTS:
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100 Church Street
New York, NY 10007
TEL: 212 385 6181 FAX: 212 385 1911

CURTAINWALL CONSULTANT:
AJLP Consulting
40 Worth Street, Suite 826
New York, NY 10013
TEL: 212 757 6659 FAX: 646 219 8508

LANDMARK PRESERVATION CONSULTANT:
Jan Hird Pokorny Associates, Inc.
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No.	DESCRIPTION	DATE
1	SCHEMATIC DESIGN	03-31-2014
2	ISSUED FOR SCHEMATIC DESIGN	04-04-2014
3	STEEL BID PACKAGE	05-22-2014
4	SUPERSTRUCTURE CONCRETE BID	06-02-2014
5	DESIGN DEVELOPMENT	07-01-2014
6	ISSUED FOR DESIGN DEVELOPMENT	07-31-2014
7	STRUCTURAL STEEL BID	09-15-2014
8	STRUCTURAL STEEL BID-ADDENDUM	10-01-2014
9	CD PROGRESS ISSUE 1	10-15-2014
10	ISSUED FOR CONSTRUCTION UP TO 7TH FLOOR ONLY	11-14-2014
11	DOB SUBMISSION	12-19-2014
12	CD PROGRESS ISSUE-2	12-19-2014
13	ISSUED FOR 8TH FLOOR MILL ORDER-PHASE 1	01-14-2015
14	CONSTRUCTION DOCUMENTS ISSUE 3	03-09-2015
15	PROGRESS CD	05-08-2015
16	DOB SUBMISSION	05-19-2015
17	CD PROGRESS ISSUE 5	08-10-2015
18	DOB AMENDMENT 2	09-18-2015

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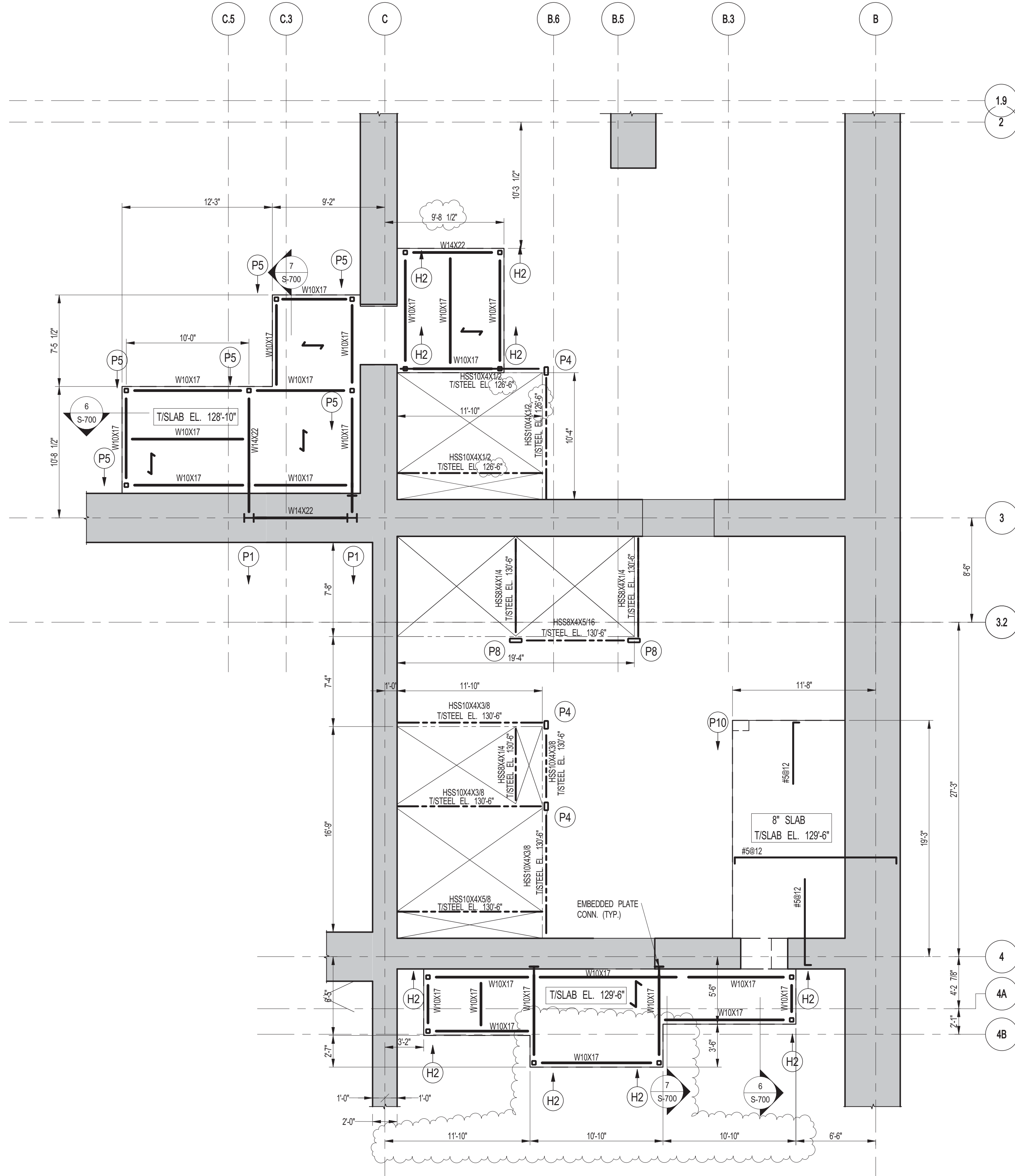
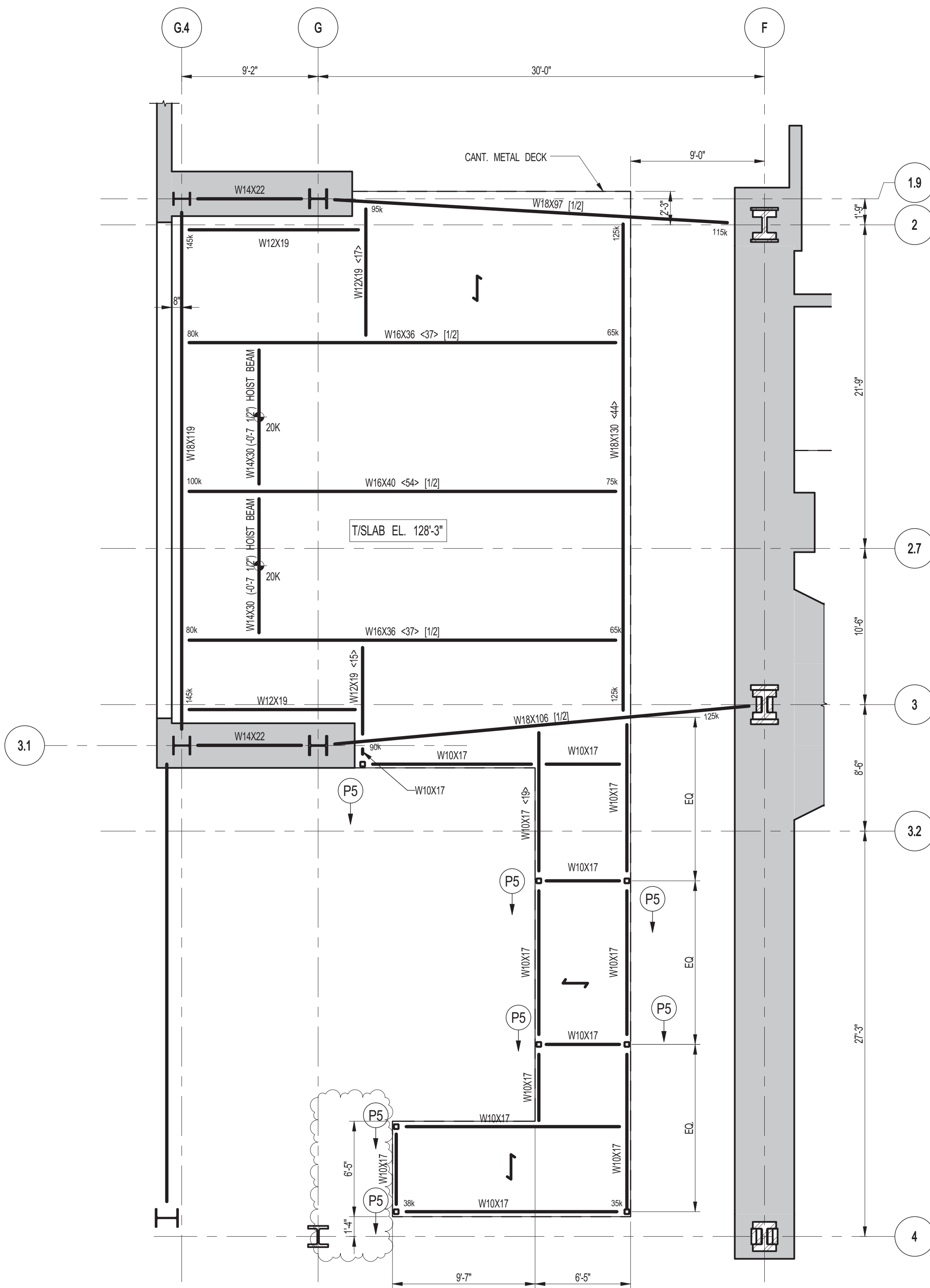
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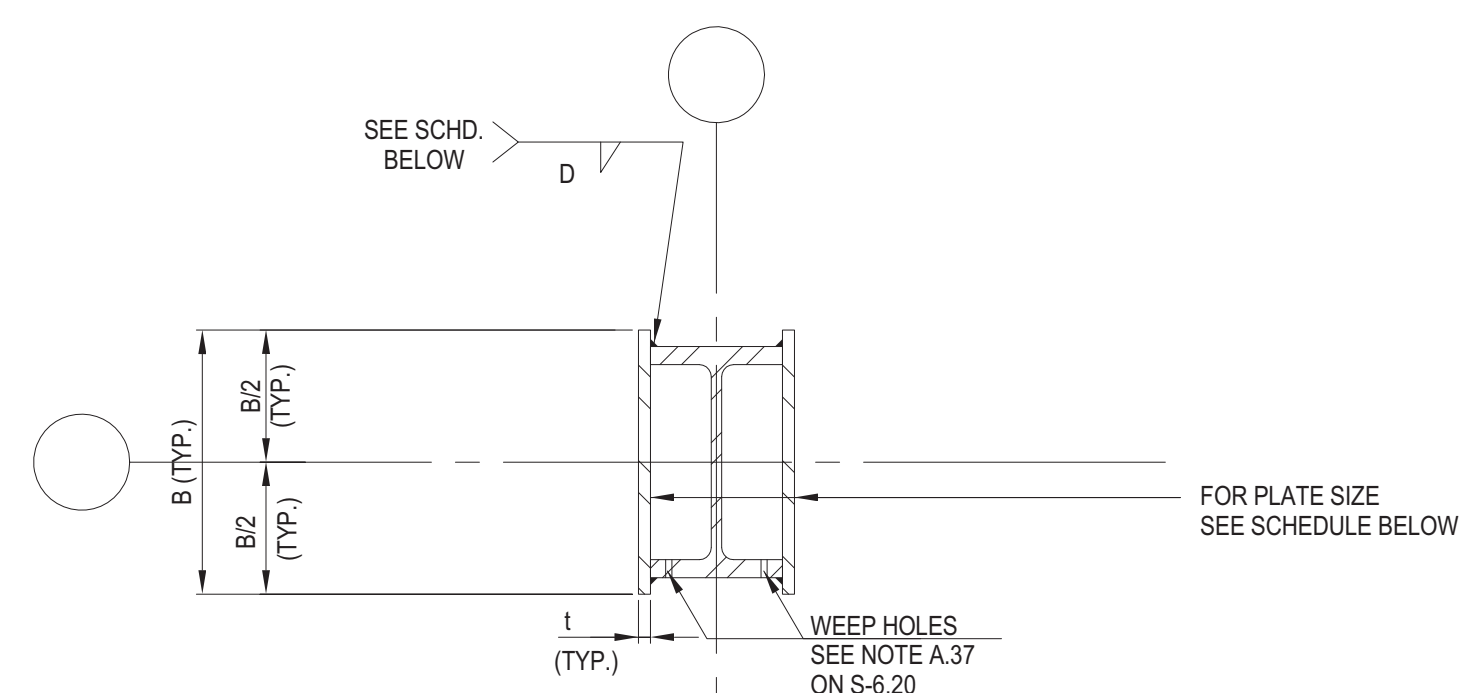
PROJECT:
217 WEST 57TH STREET
NEW YORK, NY

DRAWING TITLE:
7TH FLOOR - FRAMING PLAN

SEAL & SIGNATURE:
DATE: 03-31-2014
PROJECT No: 2012185
DRAWN: CAD
CHK: YE
SCALE: As Indicated
DWG No: **S-170.01**
DOB PAGE No: 34 OF 158
DOB E-SCAN:



3 NOT USED
S-171 SCALE: 3/16" = 1'-0"



BEAM DESIGNATION AS SHOWN ON DRAWING'S	PLATE DIMENSION		FILLET WELD SIZE D [IN.]	GRADE OF STEEL FOR MEMBER CROSS SECTION [ksi]	
	B [IN.]	t [IN.]			
BU-10	W18x66 + 2-PLATES 20x1	20	1	516	50
BU-11	W18x106 + 2-PLATES 20x1	20	1	516	50

KEY PLAN

PROJECT #101

TRUE NORTH

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LANDMARK/PRESERVATION CONSULTANT:
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No.	DESCRIPTION	DATE
1	STRUCTURAL STEEL BID	09-15-2014
2	STRUCTURAL STEEL BID-ADDENDUM	10-01-2014
3	CD PROGRESS ISSUE 1	10-15-2014
4	ISSUED FOR CONSTRUCTION UP TO 7TH FLOOR ONLY	11-14-2014
5	DOB SUBMISSION	12-19-2014
6	CD PROGRESS ISSUE-2	12-19-2014
7	ISSUED FOR 8TH FLOOR MILL ORDER-PHASE 1	01-14-2015
8	CD UPDATE ISSUE	02-10-2015
9	CONSTRUCTION DOCUMENTS ISSUE 3	03-09-2015
10	PROGRESS CD	05-08-2015
11	CD PROGRESS ISSUE 5	08-10-2015
12	DOB AMENDMENT 2	09-18-2015

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PROJECT:
**217 WEST 57TH STREET
NEW YORK, NY**

DRAWING TITLE:
7TH FLOOR - FRAMING PART PLANS

SEAL & SIGNATURE

DATE: 09-15-2014

PROJECT No: 2012185

DRAWN: CADDO

CHK: YE

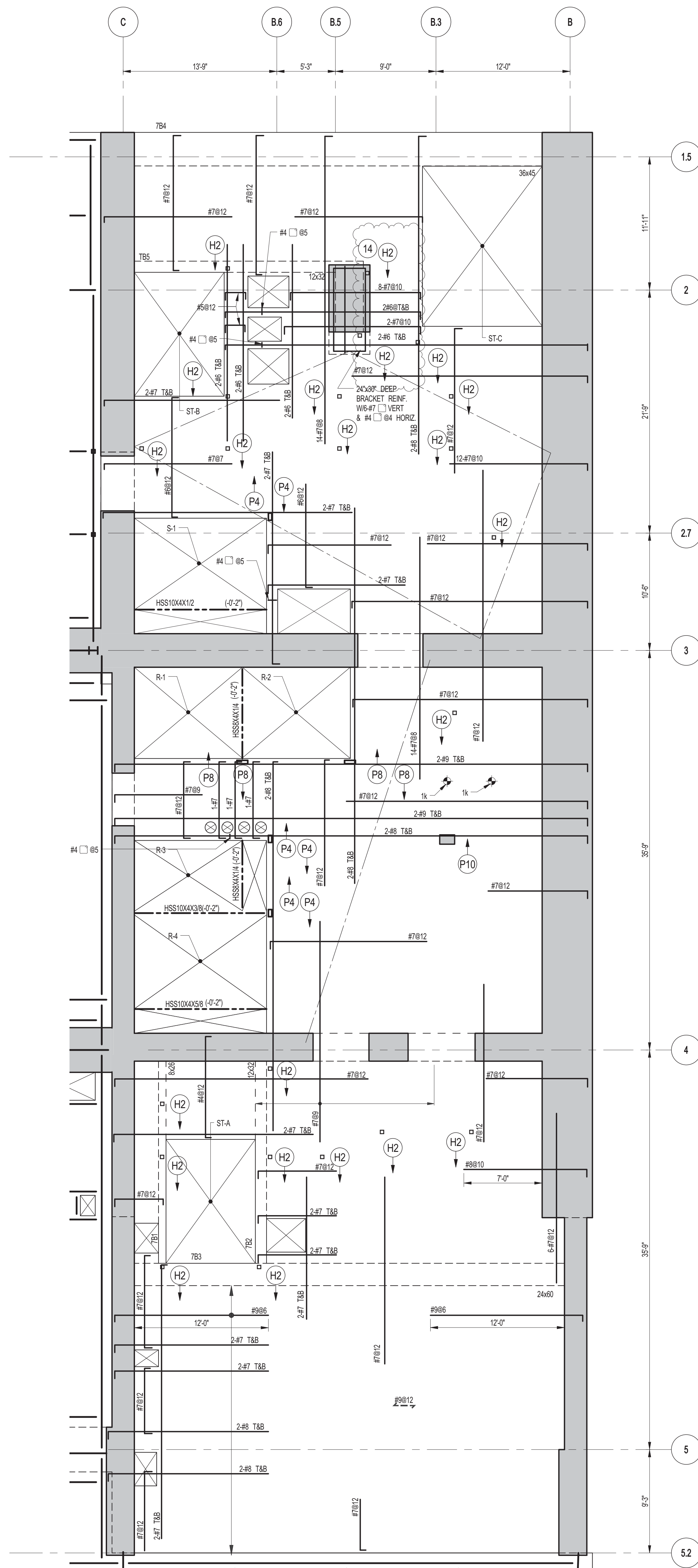
SCALE: As indicated

DWG No: **S-171.01**

DOB PAGE No: 35 OF 158

DOB EMPLOYEE STAMP:

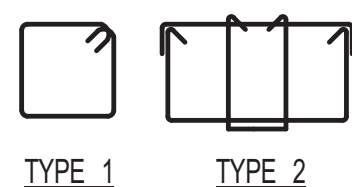
DOB S-SCAN:



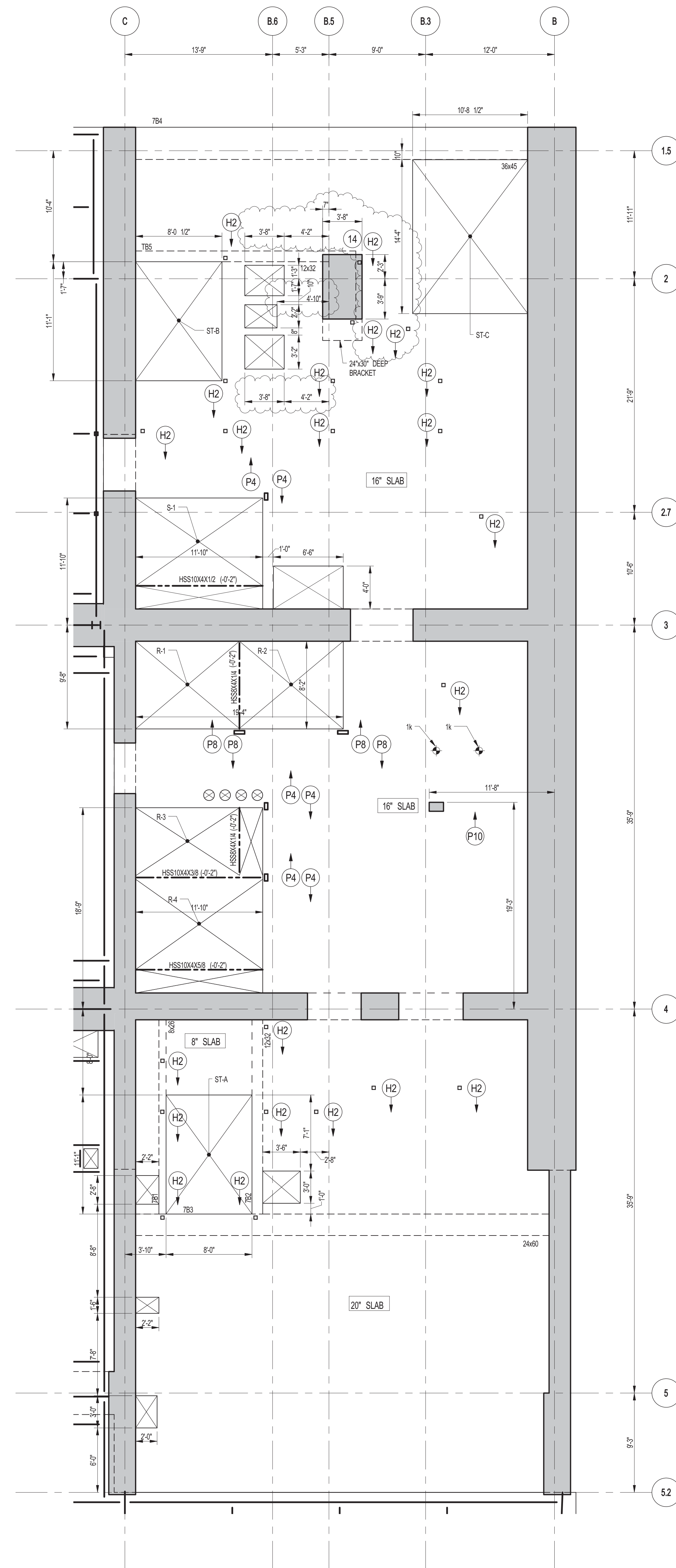
1 7TH FLOOR FRAMING PLAN
 S-172 SCALE: 3/16" = 1'-0"

NOTES:

1. FOR SLAB ELEVATION SEE S-170.
2. CONCRETE SLAB SHALL BE 20" THICK UNLESS NOTED OTHERWISE ON PLAN.
3. CONCRETE STRENGTH f_c OF SLAB SHALL BE 10,000 PSI.
4. BOTTOM REINFORCEMENT TO BE #8@12 E.W. CONT. FOR 18" & 20" SLAB.
5. FOR BALANCE OF INFORMATION SEE DRAWING S-001.



STIRRUP TYPE



2 7TH FLOOR GENERAL ARRANGEMENT PLAN
 S-172 SCALE: 3/16" = 1'-0"

NOTES:

1. FOR SLAB INFORMATION SEE CORRESPONDING FRAMING PLAN.

KEY PLAN

PROJECT NORTH

TRUE NORTH

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INTERIOR DESIGNER:
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No.	DESCRIPTION	DATE
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5	CD UPDATE ISSUE	02-10-2015
6	CONSTRUCTION DOCUMENTS ISSUE 3	03-09-2015
7	PROGRESS CD	05-08-2015
8	CONSTRUCTION DOCUMENTS ISSUE 4	06-01-2015
9	CD PROGRESS ISSUE 5	08-10-2015
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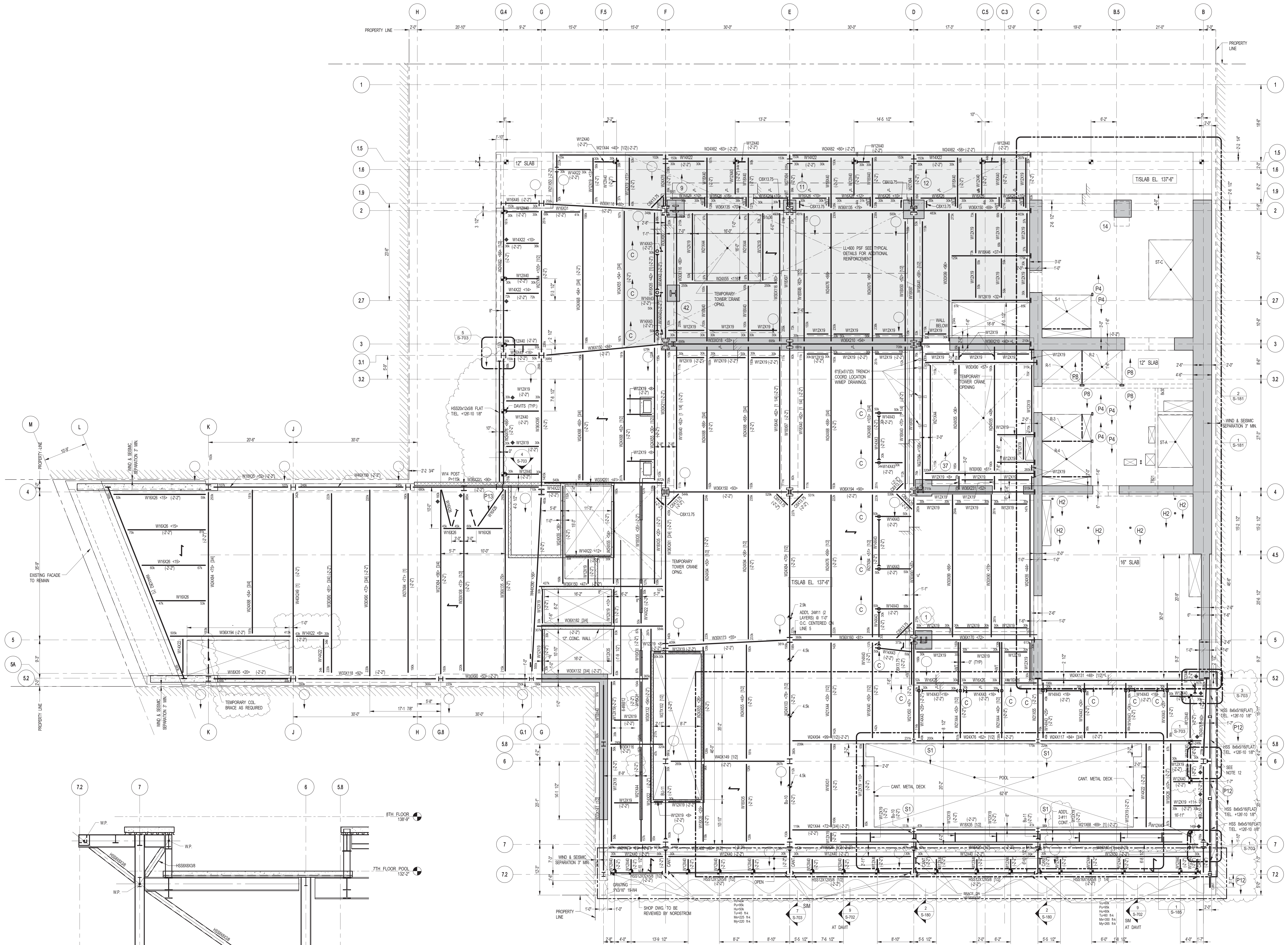
PROJECT:
217 WEST 57TH STREET
 NEW YORK, NY

DRAWING TITLE:
7TH FLOOR - PART GENERAL ARRANGEMENT AND REINFORCING PLAN

SEAL & SIGNATURE

DATE: 11-14-2014
 PROJECT No: 2012185
 DRAWN: CADOD
 CHK: YE
 SCALE: As Indicated
 DWG No: **S-172.01**

DOB EMPLOYEE STAMP: 36 OF 158
 DOB B-SCAN:



8TH FLOOR FRAMING PLAN

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

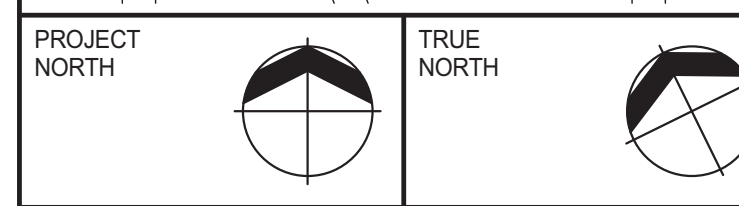
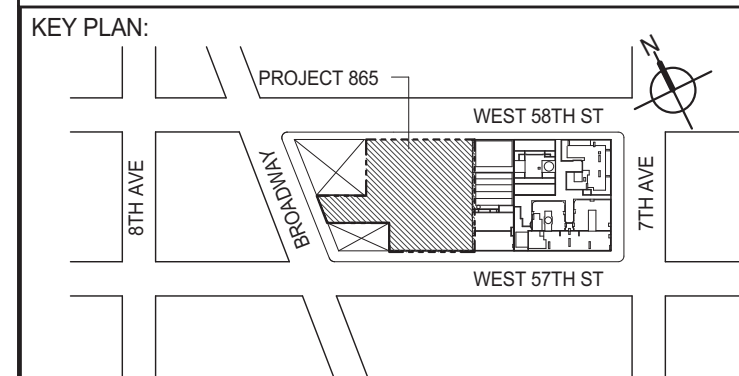
NOTES

- TOP OF STRUCTURAL SLAB SHALL BE 138'-0" U.O.N.
- SLAB CONSTRUCTION SHALL BE 8" NORMAL WEIGHT CONCRETE ON TOP OF 3" DEEP 60# P-100 KSI CONCRETE GALVANIZED METAL DECK (TOTAL SLAB DEPTH 11"). REINFORCED WITH #8@12" TAB E.W. CONCRETE 4000 PSI AT 28 DAYS U.O.N.
- TOP OF STEEL TO BE 11" BELOW TOP OF SLAB ELEVATION SPECIFIED IN NOTE 1. U.O.N. THIS IS INDICATING DISTANCE ABOVE OR BELOW TOP OF SLAB ELEVATION.
- STUDS SHALL BE 1/2" x 8" LONG. ALL STEEL BEAMS SHALL HAVE MIN. 1 STUDT. U.O.N. THIS IS ON PLAN.
- FOR BEAM REACTIONS NOT SHOWN USE A MINIMUM OF 30 KIPS FOR BEAMS LESS THAN 15 FEET LONG.
- FOR 8"x8" & 8"x11" DETAILS REFER TO DETAIL S-81(1).
- TAPER SOUTH END OF CANTILEVER TO 12" (TYP).
- ALL BEAM CONNECTIONS SHALL DEVELOP A MIN. FORCE OF P-100K AND GROSS (SUPPORTING OTHER MEMBERS) P-400K AT EACH END U.O.N. IN ADDITION TO ALL OTHER LOADS.
- PROVIDE ALLOWANCE OF 40 DAWTS FOR TYPICAL DETAILS SEE S-600 SERIES DRAWINGS.
- FOR BALANCE OF NOTES SEE DRAWING S-301.
- BEAMS WITHIN OR CROSSING TOWER CRANE OPENING SHALL BE INSTALLED AFTER CRANE IS REMOVED.
- FOR DAWT TYPICAL SUPPORT DETAILS REFER TO DRAWING S-604.

2. ADDL. REQUIREMENTS FOR CONCRETE IN SWIMMING POOL AREA AND SLAB, BMS, & WALL BELOW & ABOVE SWIMMING POOL.
- WATER / CEMENT RATIO TO BE 0.35 MAX.
- USE SILICA FUME (MIN. 10% BY THE WEIGHT OF CEMENT).
- USE HIGH RANGE WATER REDUCER (S.P.) MIN. 15 oz / 100 lb OF CEMENT.
- USE LOW ALKALI CONTENT CEMENT (MAX. TOTAL ALKALI CONTENT 4%).
- REPLACE 40% CEMENT WITH SLAG CEMENT.
- USE 3-1/2 lb OF FIBER MESH PER SQ. YD OF CONCRETE.
- AT LEAST 50% OF SUPERPLASTICIZER SHALL BE ADDED AT THE BATCH PLANT.
- THE CONCRETE CURED FOR A MIN. OF THREE DAYS.
- ALL REBAR AROUND THE POOL AREA (SEAL WALL & SLAB ABOVE THE POOL) SHALL BE EPOXY COATED. CLEAR CONCRETE COVER SHALL BE 2" FOR ALL REBAR AROUND THE POOL AREA.

2 DETAIL SECTION

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



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No.	DESCRIPTION	DATE
1	SCHEMATIC DESIGN	03-31-2014
2	ISSUED FOR SCHEMATIC DESIGN	04-04-2014
3	STEEL BID PACKAGE	05-22-2014
4	SUPERSTRUCTURE CONCRETE BID	06-02-2014
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12	DOB SUBMISSION	01-09-2015
13	ISSUED FOR 8TH FLOOR MILL ORDER-PHASE 1	01-14-2015
14	CONSTRUCTION DOCUMENTS ISSUE 3	03-09-2015
15	PROGRESS CD	05-08-2015
16	DOB SUBMISSION	05-19-2015
17	CONSTRUCTION DOCUMENTS ISSUE 4	06-01-2015
18	CD PROGRESS ISSUE 5	08-10-2015
19	DOB AMENDMENT 2	09-18-2015

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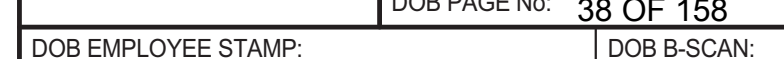
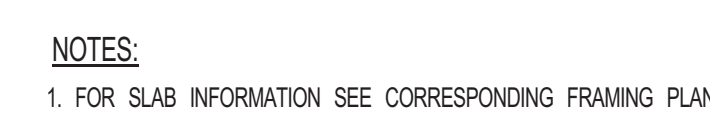
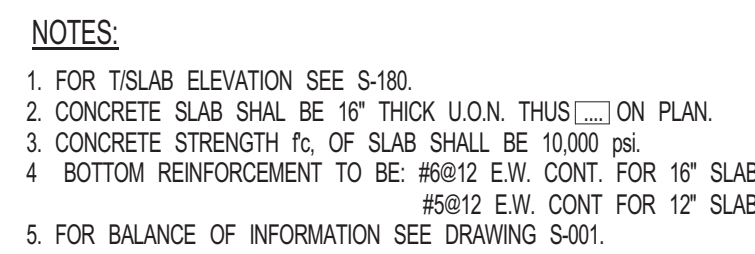
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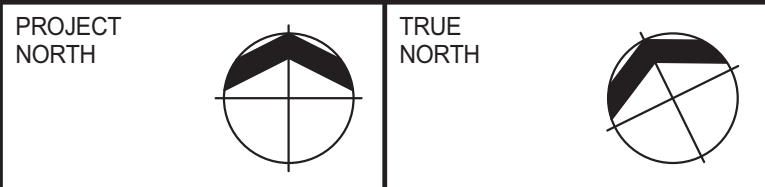
PROJECT: **217 WEST 57TH STREET**
NEW YORK, NY

DRAWING TITLE: **8TH FLOOR - FRAMING PLAN**

SEAL & SIGNATURE: DATE: 03-31-2014
PROJECT No: 2012185
DRAWN: CAD REV: **19**
CHK: YE
SCALE: As Indicated
DWG No: **S-180.01**

DOB EMPLOYEE STAMP: DOB PAGE No: 37 OF 158 DSB B-CON:





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CONSULTANT:

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PROJECT:

217 WEST 57TH STREET
NEW YORK, NY

DRAWING TITLE:

8TH FLOOR - FRAMING PART PLANS

SEAL & SIGNATURE:	DATE:	09-15-2014
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PROJECT No:	2012185
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CHK: YE	9
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SCALE: 1/8" = 1'-0"

DWG No: **0-125-21**


S-185.01

DOB PAGE No: 39 OF 158

DOB EMPLOYEE STAMP:	DOB B-SCAN:
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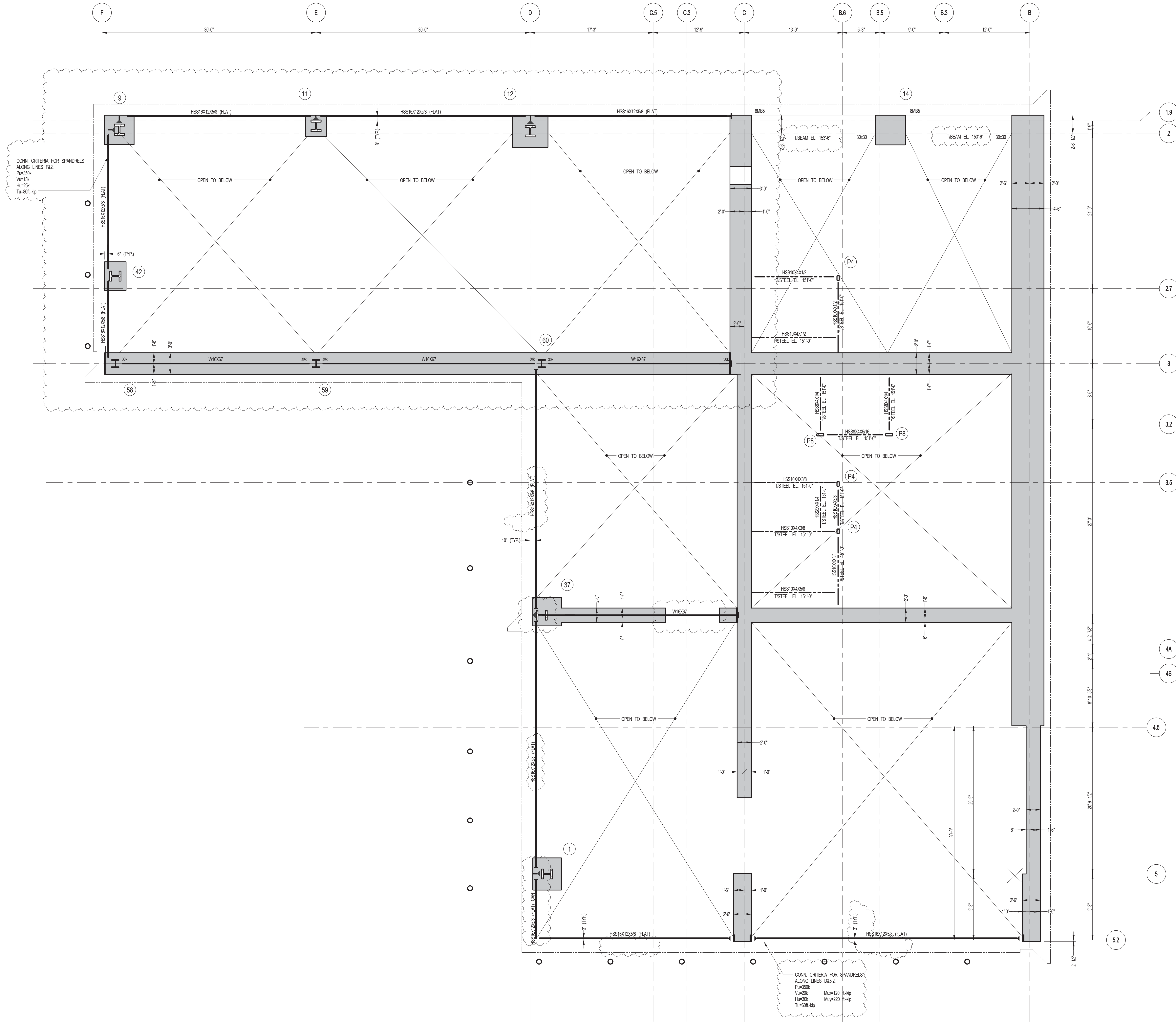
NOTES

2. TOP OF STRUCTURAL SLAB SHALL BE ± 0.00
3. SLAB CONSTRUCTION SHALL BE 8" NOMINAL WEIGHT CONCRETE ON TOP OF 8" NOMINAL WEIGHT CONCRETE. TOTAL SLAB THICKNESS SHALL BE 16" MIN. (8" MIN. SLAB DEPTH + 8" MIN. SLAB DEPTH) + REINFORCED WITH #6@24"X24" W/AF. CONCRETE SPECIFIED IN 28 DAYS U.S. 1.
4. REINFORCING SHALL BE #8 BELOW TOP OF SLAB ELEVATION SPECIFIED IN 28 DAYS U.S. 1. INDICATING DISTANCE ABOVE OR BELOW TOP OF SLAB ELEVATION.
5. REINFORCING SHALL BE #10 @ 4' LONG. ALL STEEL BEAMS SHALL HAVE MIN. 1 STUDT. U.S. 101 \times 21 IN. PLATE.
6. FOR BEAMS MARKED IN SEE 158 FOR SIZE & LOCATION.
7. WALL STIFFENERS SHALL NOT SHOWN USE A MINIMUM OF 30 XPS FOR BEAMS LESS THAN 18" FEET LONG.
8. ADD. REQUIREMENTS FOR CONCRETE IN SWIMMING POOL AREA AND BATHS:
 - WATER / CEMENT RATIO TO BE 0.55 MAX.
 - USE SLICA FUME (MIN. 10% BY WEIGHT OF CEMENT)
 - USE HIGH DENSITY POLYETHYLENE LINER 1/2" TO 3/4" HD (MAX. 100 LB OF CEMENT)
 - USE LOW ALKALI CEMENT (MAX. 10% TOTAL ALKALI CONTENT) 65%
 - REPLACE 40% CEMENT WITH SLAG CEMENT
 - 1.5% BY WEIGHT OF CEMENT (MAX. 10% TOTAL ALKALI CONTENT) 65%
 - AT LEAST 80% OF SUPERPLASTICIZER SHALL BE ADDED AT THE BATCH PLANT
 - THE CONCRETE CURED FOR 1 MIN. OF THREE DAYS
9. ALL REINFORCING SHALL BE #8. ALL REINFORCING SHALL BE ABOVE THE POOL. REINFORCING SHALL BE EPOXY COATED. CLEAR CONCRETE COVER SHALL BE 2" FOR ALL REINFORCING AND POOL.
10. FOR BALANCE OF NOTES SEE DRAWING 5-001.



NOTES

1. TOP OF SLAB EL. 150'-0" U.O.N.



1 8TH FLOOR MEZZANINE FRAMING PLAN
 SCALE: 3/16" = 1'-0"

NOTES
 1. TOP OF STRUCTURAL STEEL SHALL BE: 151'-6 1/2" (LOK)
 2. FOR BRANCE OF INFORMATION SEE DRAWING 1001

8TH FLOOR MEZZANINE BEAM SCHEDULE						
BEAM MARK	SIZE (WxD) (IN)	REINFORCEMENT		STIRRUPS		REMARKS
		BOTTOM CONTINUOUS	TOP CONTINUOUS	TOP ADD'L BARS AT SUPPORT	TYPE SIZE SPACING	
8MB5	30x30	20-#11"	20-#11"		#4 @16"	EQUALLY DISTRIBUTE BARS THROUGHOUT BEAM

* ALL LONGITUDINAL REINFORCEMENT TO BE GRADE 75. LOCATE BARS EQUALLY AROUND BEAM PERIMETER PER TYPICAL COLUMN DETAILS. INSTALL TIES PER TYPICAL COLUMN DETAILS. ALL BARS TO BE MECHANICALLY SPLICED OR LAP SPLICED 1.3 L_d

-ALL CONCRETE CONSTRUCTION ALONG LINE C AND EAST SHALL BE COMPLETE AND ACHIEVE CONC. DESIGN STRENGTH OF f_c=6000psi PRIOR TO STEEL ERECTION.

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GEOTECHNICAL ENGINEERS: **Langan Engineering & Environmental Services**
 21 Penn Plaza - 360 West 31st Street, 8th Floor
 New York, NY 10001-2727
 TEL: 212 479 5400 FAX: 212 479 5444

CODE CONSULTANTS: **Construction Consulting Associates**
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 New York, NY 10007
 TEL: 212 385 1515 FAX: 212 385 1911

CURTAINWALL CONSULTANT: **AJLP Consulting**
 40 Worth Street, Suite 826
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 TEL: 212 757 5559 FAX: 646 219 8508

LANDMARK/PRESERVATION CONSULTANT: **Jan Hird Pokorny Associates, Inc.**
 39 West 37th Street, 12A
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 TEL: 212 759 6452 FAX: 212 759 6540

No.	DESCRIPTION	DATE
1	DESIGN DEVELOPMENT	07-01-2014
2	ISSUED FOR DESIGN DEVELOPMENT	07-31-2014
3	STRUCTURAL STEEL BID	09-15-2014
4	STRUCTURAL STEEL BID-ADDENDUM	10-01-2014
5	CD PROGRESS ISSUE 1	10-15-2014
6	DOB SUBMISSION	12-19-2014
7	ISSUED FOR 8TH FLOOR MILL ORDER - PHASE 1	01-14-2015
8	CONSTRUCTION DOCUMENTS ISSUE 3	03-09-2015
9	PROGRESS CD	05-08-2015
10	CONSTRUCTION DOCUMENTS ISSUE 4	06-01-2015
11	VOID SPACE PROGRESS	07-15-2015
12	CD PROGRESS ISSUE 5	08-10-2015
13	DOB AMENDMENT 2	09-18-2015

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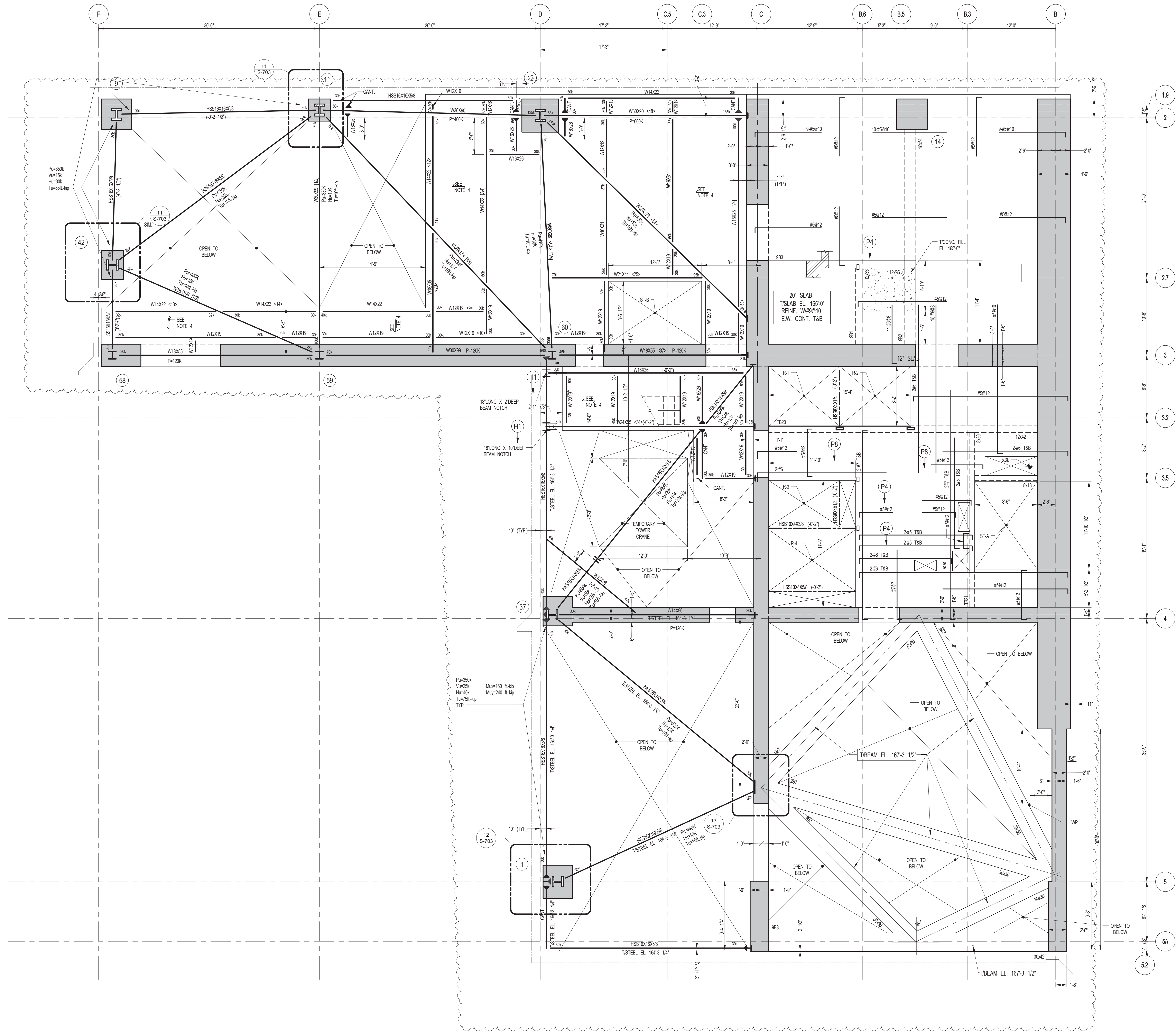
ALL DIMENSIONS ARE SHOWN IN IMPERIAL.

CONSULTANT: **WSP**
 228 East 45th Street
 New York, NY 10017
 (212) 687-8885
 www.wspgroup.com/usa

PROJECT: **217 WEST 57TH STREET, NEW YORK, NY**

DRAWING TITLE: **8TH FLOOR MEZZANINE - FRAMING PLAN**

SEAL & SIGNATURE: [Signature]
 PROJECT No: 2012185
 DATE: 07-01-2014
 DRAWN: CAD
 CHK: YE
 SCALE: As indicated
 DWG No: **S-186.01**
 DOB PAGE No: 40 OF 158
 DOB EMPLOYEE STAMP: [Stamp]
 DOB B-SOON:



1 9TH FLOOR FRAMING PLAN

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

NOTES

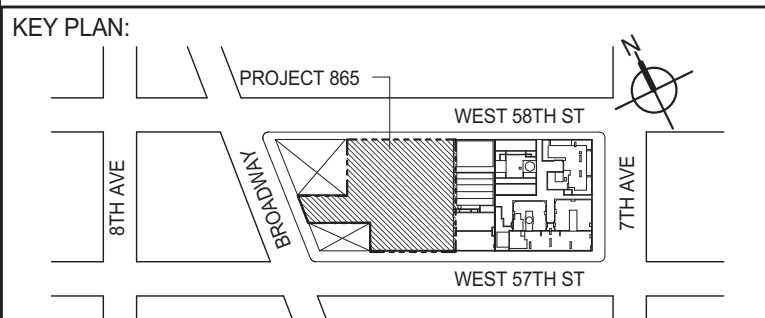
1. SLAB ELEVATION TO BE 167'-0" U.O.N.
2. SLAB TO BE 12" THICK MIN. U.O.N. ON PLAN.
3. BOTTOM MAT. REINFORCING TO BE #8@10 E.F. HORIZ.
4. SLAB CONSTRUCTION SHALL BE 1" NORMAL WEIGHT CONCRETE ON TOP OF 3" DEEP 16GA PP-90 KSI COMPOSITE GALVANIZED G90 METAL DECK (TOTAL SLAB DEPTH= 12"). REINFORCED WITH #4@12 TAB E.W. (CONCRETE f_{cd}=4000psi AT 28 DAYS) U.O.N.
5. TOP OF STEEL TO BE 12" BELOW TOP OF SLAB ELEVATION SPECIFIED IN NOTE 4 U.O.N. THIS (L) INDICATING DISTANCE ABOVE OR BELOW TOP OF SLAB ELEVATION.
6. STUDS SHALL BE 1/2" x 8" LONG. ALL STEEL BEAMS SHALL HAVE MIN. 1 STUDT. U.O.N. THIS <-> ON PLAN.
7. FOR BEAM REINFORCING NOT SHOWN USE A MINIMUM OF 30 KPS FOR BEAMS LESS THAN 15 FEET LONG.
8. FOR BALANCE OF NOTES SEE DRAWING 5-101.
9. BEAMS WITHIN OR CROSSING TOWER CRANE OPENING SHALL BE INSTALLED AFTER CRANE IS REMOVED.

9TH FLOOR BEAM SCHEDULE

BEAM MARK	SIZE (WxD) (IN)	REINFORCEMENT		TOP ADD'L BARS AT SUPPORT	STIRRUPS		REMARKS
		BOTTOM CONTINUOUS	TOP CONTINUOUS		TYPE	SIZE SPACING	
981	12x36	2-#9	2-#7		1	#4 @12	#4@10 E.F. HORIZ.
982	16x54	6-#11 (2 LAYERS)		3-#10	1	#4 @10	#4@10 E.F. HORIZ.
983	12x36		2-#11	2-#9	1	#4 @12	#4@10 E.F. HORIZ.
987	30x30						
988	30x42						

TYPE 1 STIRRUP TYPES

-ALL CONCRETE CONSTRUCTION ALONG LINE C AND EAST SHALL BE COMPLETE AND ACHIEVE CONC. DESIGN STRENGTH OF f_c=6000psi PRIOR TO STEEL ERECTION.



DEVELOPER: **EXTELL DEVELOPMENT COMPANY**
805 THIRD AVENUE, 7TH FLOOR
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TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT: **Base Building Shell & Core**
ADRIAN SMITH + GORDON GILL ARCHITECTURE
111 WEST MONROE STREET SUITE 2300
CHICAGO, IL 60603
TEL: 312 920 1888 FAX: 312 920 1775

INTERIOR DESIGNER: **Residential**
Rotet Architecture and Design Studio, PLLC
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TEL: 646 989 7000 FAX:

ARCHITECT OF RECORD: **Base Building Shell, Core, & Residential**
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GEOTECHNICAL ENGINEERS: **Langan Engineering & Environmental Services**
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CODE CONSULTANTS: **Construction Consulting Associates**
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TEL: 212 385 6181 FAX: 212 385 1911

CURTAINWALL CONSULTANT: **AJLP Consulting**
40 Worth Street, Suite 826
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LANDMARK/PRESERVATION CONSULTANT: **Jan Hird Pokorny Associates, Inc.**
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No.	DESCRIPTION	DATE
1	SCHEMATIC DESIGN	03-31-2014
2	ISSUED FOR SCHEMATIC DESIGN	04-04-2014
3	SUPERSTRUCTURE CONCRETE BID	06-02-2014
4	DESIGN DEVELOPMENT	07-01-2014
5	ISSUED FOR DESIGN DEVELOPMENT	07-31-2014
6	CD PROGRESS ISSUE 1	10-15-2014
7	DOB SUBMISSION	12-19-2014
8	DOB SUBMISSION	01-09-2015
9	ISSUED FOR 8TH FLOOR MILL ORDER - PHASE 1	01-14-2015
10	CONSTRUCTION DOCUMENTS ISSUE 3	03-09-2015
11	PROGRESS CD	05-08-2015
12	DOB SUBMISSION	05-19-2015
13	VOID SPACE PROGRESS	07-15-2015
14	CD PROGRESS ISSUE 5	08-10-2015
15	DOB AMENDMENT 2	09-18-2015

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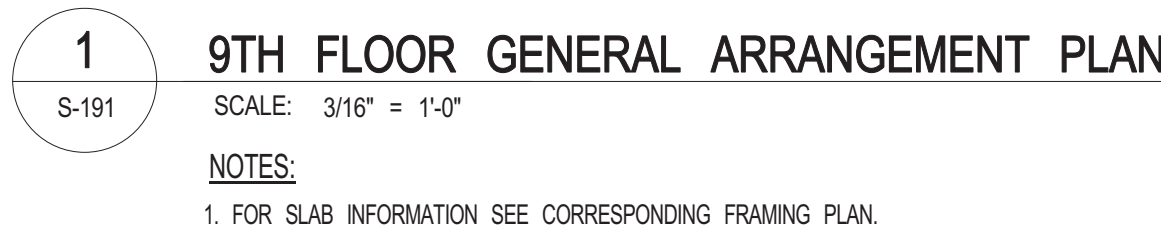
CONSULTANT: **WSP**
228 East 45th Street
New York, NY 10017
(212) 687-8885
www.wsgroup.com/usa

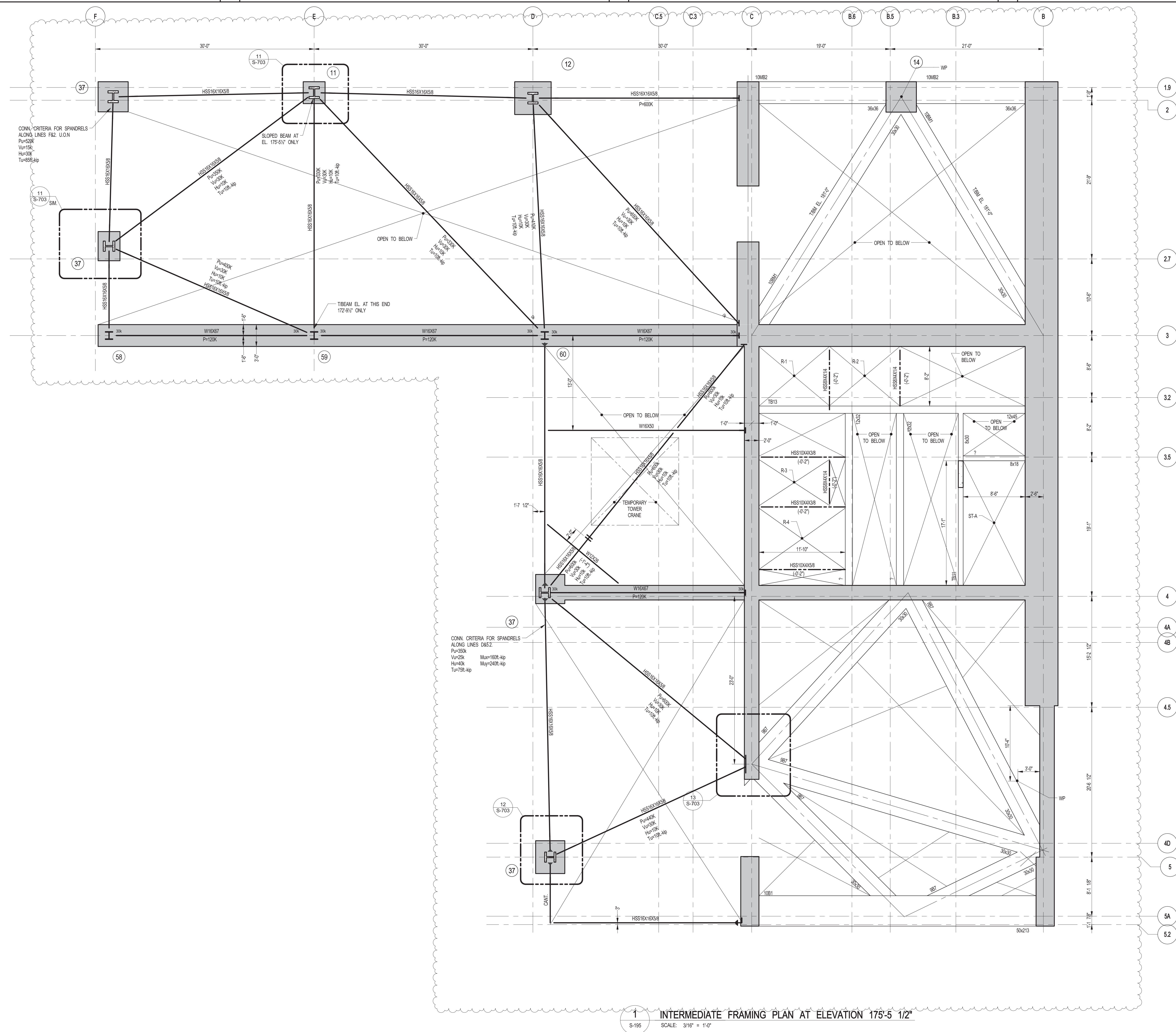
PROJECT: **217 WEST 57TH STREET**
NEW YORK, NY

DRAWING TITLE: **9TH FLOOR (MEP) - FRAMING PLAN**

SEAL & SIGNATURE:
DATE: 03-31-2014
PROJECT No: 2012185
DRAWN: CAD
CHK: YE
SCALE: As Indicated
DWG No: **S-190.01**

DOB EMPLOYEE ID: 41 OF 158
DOB B-SON:

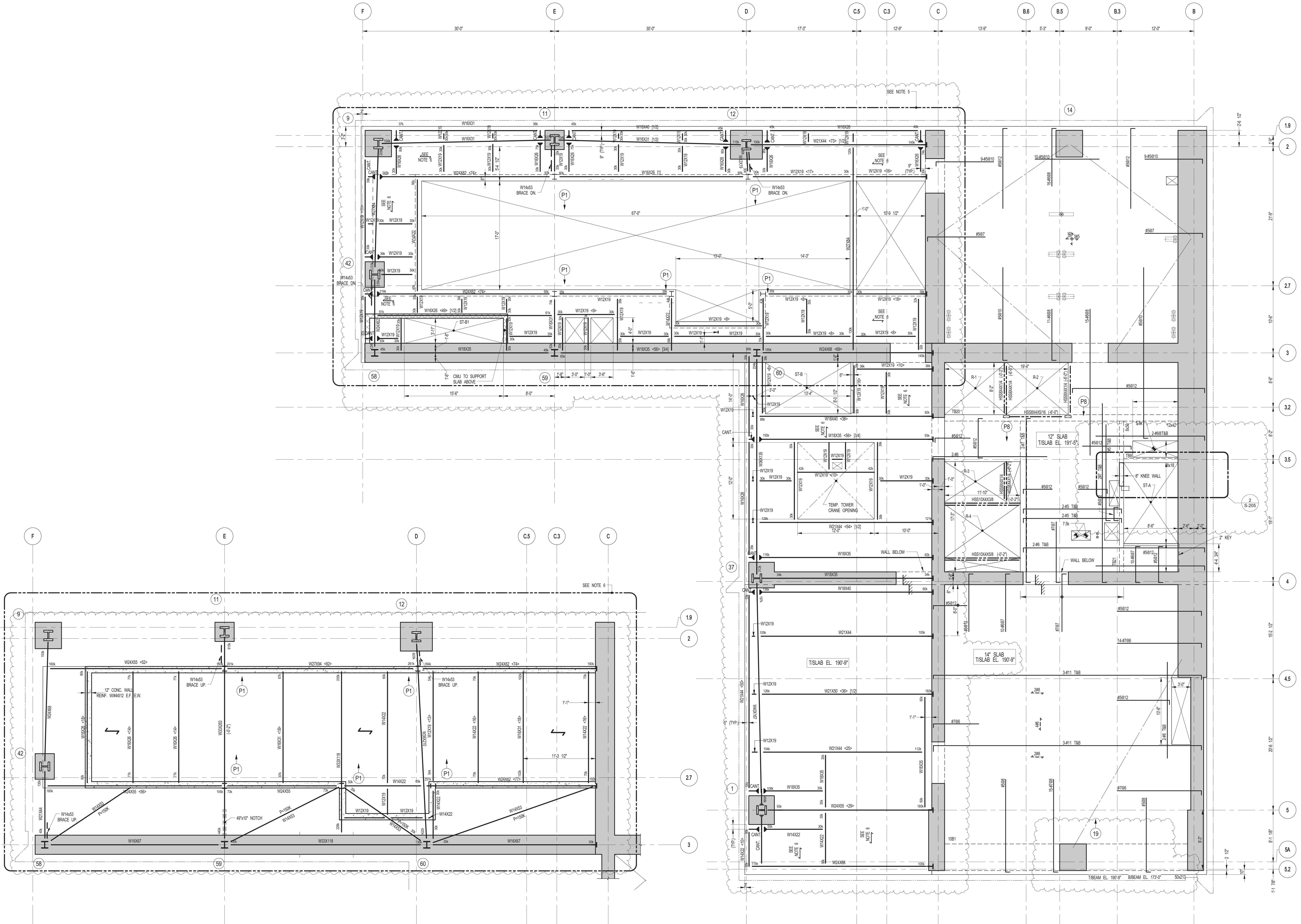




BEAM SCHEDULE									
WT	SIZE (WxD) (IN.)	REINFORCEMENT			STIRRUPS			REMARKS	
		BOTTOM CONTINUOUS	TOP CONTINUOUS	TOP ADD'L BARS AT SUPPORT	TYPE	SIZE	SPACING		
10MB1	30x30								
10MB2	36x36				1	#4	@16	EQUALLY DISTRIBUTE BARS THROUGHOUT BEAM	
10MB3	30x30					#4	@16	EQUALLY DISTRIBUTE BARS THROUGHOUT BEAM	

* ALL LONGITUDINAL REINFORCEMENT TO BE GRADE 75. LOCATE BARS EQUALLY AROUND BEAM PERIMTER PER TYPICAL COLUMN DETAILS. INSTALL TIES PER TYPICAL COLUMN DETAILS. ALL BARS TO BE MECHANICALLY SPLICED OR LAP SPLICED 13 Ld

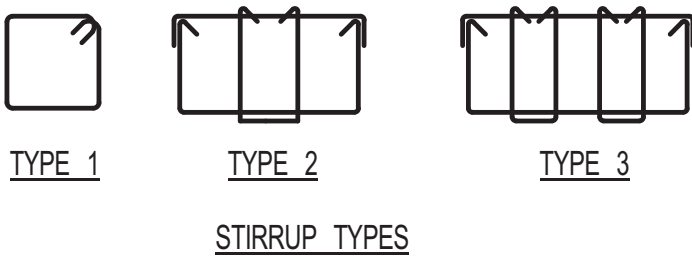
-ALL CONCRETE CONSTRUCTION ALONG LINE C AND EAST SHALL BE COMPLETE AND ACHIEVE CONC. DESIGN STRENGTH OF $f_c=6000\text{psi}$ PRIOR TO STEEL ERECTION.



2 10TH FLOOR PART POOL FRAMING PLAN
SCALE: 3/16" = 1'-0"

- NOTES:
1. TISLAB ELEVATION TO BE 185'-3" U.O.N.
 2. SLAB CONSTRUCTION SHALL BE 9" NORMAL WEIGHT CONCRETE ON TOP OF 3" DEEP 16GA (Fy=60) KSI COMPOSITE GALVANIZED G90 METAL DECK (TOTAL SLAB DEPTH: 12") REINFORCED WITH #4@12 T&B E.W. (CONCRETE f'_c=4000psi AT 28 DAYS) U.O.N.
 3. TOP OF STEEL TO BE 12" BELOW TOP OF SLAB ELEVATION SPECIFIED IN NOTE 4 U.O.N. THIS (-) INDICATING DISTANCE ABOVE OR BELOW TOP OF SLAB ELEVATION.
 4. STUDS SHALL BE 1/2" x 8" LONG. ALL STEEL BEAMS SHALL HAVE MIN. 1 STUDT. U.O.N. THIS (-) ON PLAN.
 5. FOR BEAM REACTIONS NOT SHOWN USE A MINIMUM OF 30 KIPS FOR BEAMS LESS THAN 15 FEET LONG.
 6. FOR BALANCE OF NOTES SEE DRAWING 15-200

10TH FLOOR BEAM SCHEDULE						
BEAM MARK	SIZE (WxD) (IN.)	REINFORCEMENT		STIRRUPS	REMARKS	
		BOTTOM CONTINUOUS	TOP CONTINUOUS			
10B1	50x213	52-#11 (4 LAYERS)	14-#11	#6 @ 8"	#7@10 E.F. HORIZ.	
10B41	30x30					



1 10TH FLOOR FRAMING PLAN
SCALE: 3/16" = 1'-0"

- NOTES:
1. TISLAB ELEVATION TO BE 191'-5" U.O.N.
 2. SLAB TO BE 12" THICK MIN. U.O.N. ON PLAN.
 3. BOTTOM MAT REINFORCING TO BE #4@12 CONT. E.W. U.O.N. FOR 12" SLAB & 14" SLAB. #4@12 E.W. CONT. FOR 16" SLAB.
 4. FOR STRUCTURE INTEGRITY REINF. ADD INFORMATION SEE DRAWING 5-201.
 5. ADD. REQUIREMENTS FOR CONCRETE IN SWIMMING POOL AREA AND SLAB BASE & WALL BELOW & ABOVE SWIMMING POOL.
 - WATER / CEMENT RATIO TO BE 0.28 MAX.
 - USE SUECA FUME (MIN. 10% BY THE WEIGHT OF CEMENT)
 - USE HIGH RANGE WATER REDUCER (S.P.) MIN. 15 oz. / 100 lbs OF CEMENT
 - USE LOW ALKALI CONTENT CEMENT (MAX. TOTAL ALKALI CONTENT - 0.6)
 - REPLACE 40% CEMENT WITH SLAG CEMENT
 - USE 1-1.5 lbs OF FIBER MESH PER CUBIC YARD OF CONCRETE
 - AT LEAST 50% OF SUPERPLASTICIZER SHALL BE ADDED AT THE BATCH PLANT
 - THE CONCRETE CURED FOR A MIN. OF THREE DAYS
 - ALL REBAR AROUND THE POOL AREA BEAM WALL & SLAB ABOVE THE POOL SHALL BE EPOXY COATED. CLEAR CONCRETE COVER SHALL BE 2" FOR ALL REBAR AROUND THE POOL AREA
 6. SLAB CONSTRUCTION SHALL BE 9" NORMAL WEIGHT CONCRETE ON TOP OF 3" DEEP 16GA (Fy=60) KSI COMPOSITE GALVANIZED G90 METAL DECK (TOTAL SLAB DEPTH: 12"), REINFORCED WITH #4@12 T&B E.W. (CONCRETE f'_c=4000psi AT 28 DAYS) U.O.N.
 7. TOP OF STEEL TO BE 12" BELOW TOP OF SLAB ELEVATION SPECIFIED IN NOTE 4 U.O.N. THIS (-) INDICATING DISTANCE ABOVE OR BELOW TOP OF SLAB ELEVATION.
 8. STUDS SHALL BE 1/2" x 8" LONG. ALL STEEL BEAMS SHALL HAVE MIN. 1 STUDT. U.O.N. THIS (-) ON PLAN.
 9. FOR BEAM REACTIONS NOT SHOWN USE A MINIMUM OF 30 KIPS FOR BEAMS LESS THAN 15 FEET LONG.
 10. FOR BALANCE OF NOTES SEE DRAWING 5-201
 11. BEAMS WITHIN OR CROSSING TOWER CRANE OPENING SHALL BE INSTALLED AFTER CRANE IS REMOVED.

10TH FLOOR SLAB SHALL ACHIEVE CONC. DESIGN STRENGTH OF $f'_c=60,000\text{psi}$ PRIOR TO APPLYING LOADS ABOVE 12TH FLOOR.

KEY PLAN

PROJECT NORTH

TRUE NORTH

DEVELOPER:

EXTELL DEVELOPMENT COMPANY
805 THIRD AVENUE, 7TH FLOOR
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INTERIOR DESIGNER: Residential

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CURTAINWALL CONSULTANT:

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New York, NY 10013
TEL: 212 757 6659 FAX: 646 219 8508

LANDMARK/PRESERVATION CONSULTANT:

Jan Hird Pokorny Associates, Inc.
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New York, NY 10018
TEL: 212 759 6452 FAX: 212 759 6540

No.	DESCRIPTION	DATE
1	SCHEMATIC DESIGN	03-31-2014
2	ISSUED FOR SCHEMATIC DESIGN	04-04-2014
3	SUPERSTRUCTURE CONCRETE BID	06-02-2014
4	DESIGN DEVELOPMENT	07-01-2014
5	ISSUED FOR DESIGN DEVELOPMENT	07-31-2014
6	CD PROGRESS ISSUE 1	10-15-2014
7	DOB SUBMISSION	12-19-2014
8	ISSUED FOR 8TH FLOOR MILL ORDER - PHASE 1	01-14-2015
9	CONSTRUCTION DOCUMENTS ISSUE 3	03-09-2015
10	PROGRESS CD	05-08-2015
11	VOID SPACE PROGRESS	07-15-2015
12	CD PROGRESS ISSUE 5	08-10-2015
13	DOB AMENDMENT 2	09-18-2015

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CONSULTANT:

WSP 228 East 45th Street
New York, NY 10017
(212) 687-8885
www.wsgroup.com/usa

PROJECT:

217 WEST 57TH STREET
NEW YORK, NY

DRAWING TITLE:

10TH FLOOR - FRAMING PLAN

SEAL & SIGNATURE

DATE: 03-31-2014

PROJECT No: 2012185

DRAWN: CADDO REV: 13

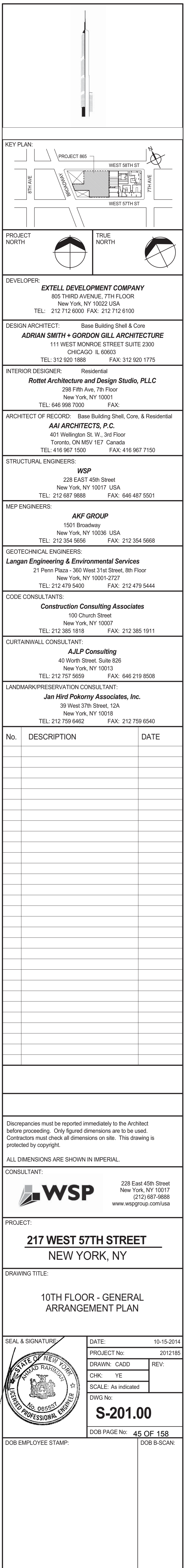
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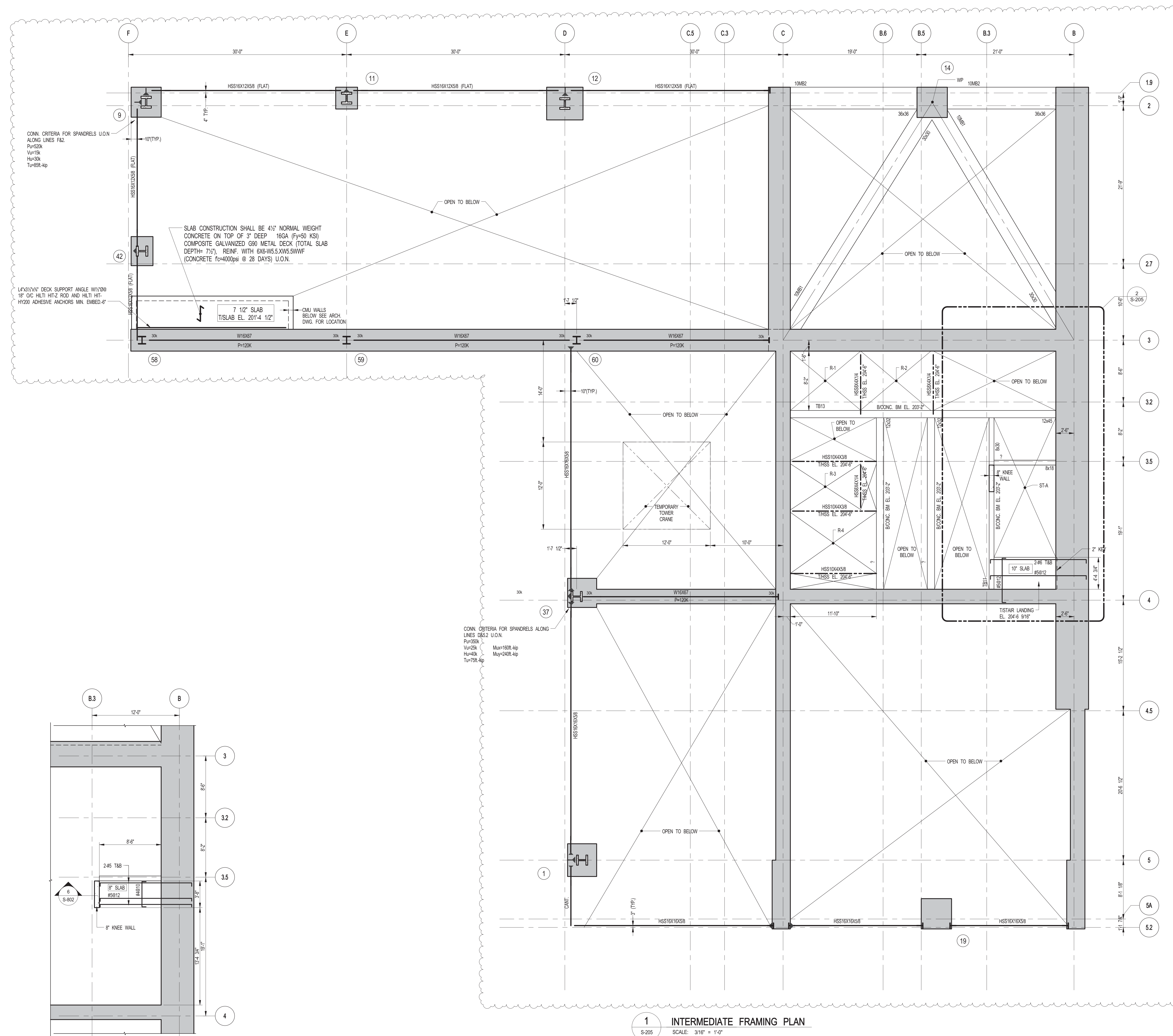
DWG No: **S-200.01**

DOB PAGE No: 44 OF 158

DOB B-SIGN:

FILE NAME: C:\Users\jg3451\Documents\WSP\217 West 57th Street\217 West 57th Street.dwg
PLOT DATE: 03/31/2015 10:00:00 AM





2 INTERMEDIATE STAIR "A" FRAMING LANDING
S-205 SCALE: 3/16" = 1'-0"

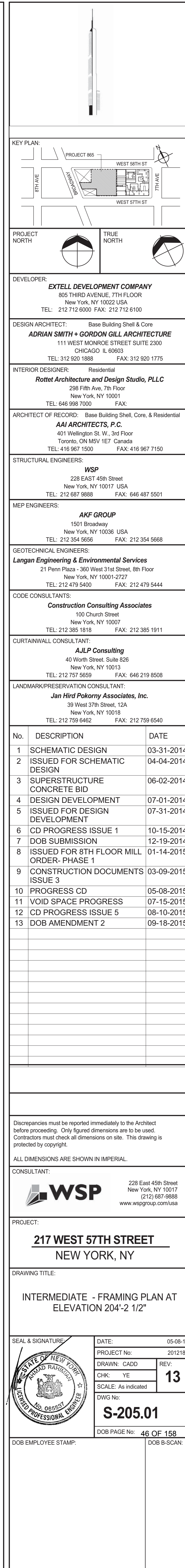
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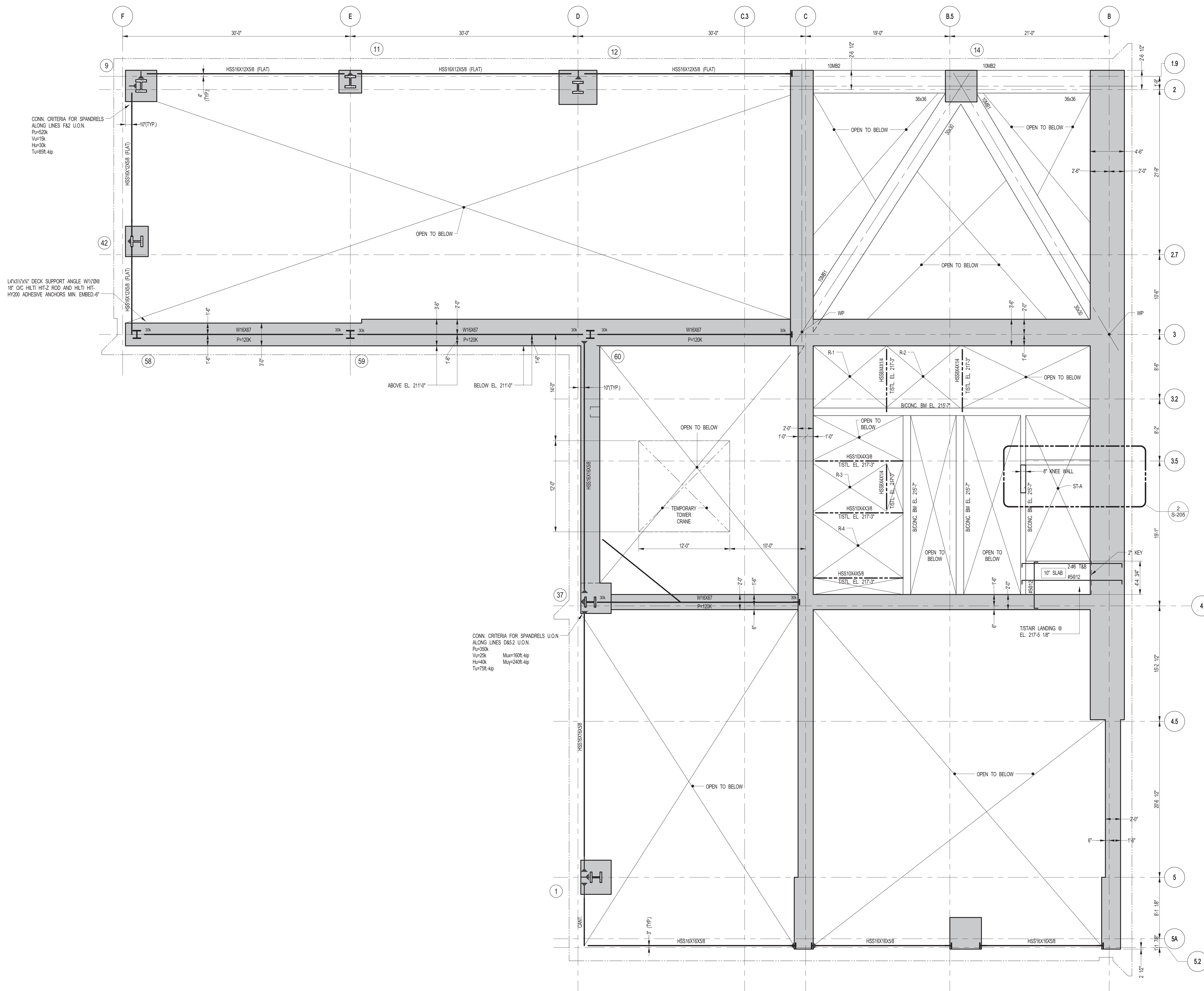
1. T/SLAB INTERMEDIATE STAIR LANDINGS
- | |
|------------------|
| EL 195'-11 5/16" |
| EL 210'-11 7/8" |
| EL 223'-10 7/16" |
| EL 235'-0" |
| EL 248'-6" |
| EL 261'-5 5/16" |
| EL 274'-3 7/8" |
| EL 287'-2 7/16" |

NOTES

T/SLAB ELEVATION TO BE EL. 204'2 1/2" U.O.M.

-ALL CONCRETE CONSTRUCTION ALONG LINE C AND EAST SHALL BE COMPLETE AND ACHIEVE CONC. DESIGN STRENGTH OF $f_c=6000\text{psi}$ PRIOR TO STEEL ERECTION.





1 INTERMEDIATE FRAMING PLAN
SCALE: 3/16" = 1'-0"

NOTES:
1. TOCCN: & STEEL BEAMS @ EL. 216'-10 1/2" U.O.N.

ALL CONCRETE CONSTRUCTION ALONG LINE C AND EAST SHALL BE COMPLETE AND ACHIEVE CONC. DESIGN STRENGTH OF $f_c=6000\text{psi}$ PRIOR TO STEEL ERECTION.

KEY PLAN

PROJECT NORTH

TRUE NORTH

DEVELOPER:
EXTELL DEVELOPMENT COMPANY
805 THIRD AVENUE, 7TH FLOOR
NEW YORK, NY 10022 USA
TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT: Base Building Shell & Core
ADRIAN SMITH + GORDON GILL ARCHITECTURE
111 WEST MONROE STREET SUITE 2300
CHICAGO, IL 60603
TEL: 312 920 1888 FAX: 312 920 1775

INTERIOR DESIGNER: Residential
Rottet Architecture and Design Studio, PLLC
208 Fifth Ave., 7th Floor
New York, NY 10017
TEL: 646 989 7000 FAX:

ARCHITECT OF RECORD: Base Building Shell, Core, & Residential
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MEP ENGINEERS:
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GEOTECHNICAL ENGINEERS:
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TEL: 212 479 5400 FAX: 212 479 5444

CODE CONSULTANTS:
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New York, NY 10018
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No.	DESCRIPTION	DATE
1	PROGRESS CD	05-08-2015
2	CD PROGRESS ISSUE 5	08-10-2015
3	DOB AMENDMENT 2	09-18-2015

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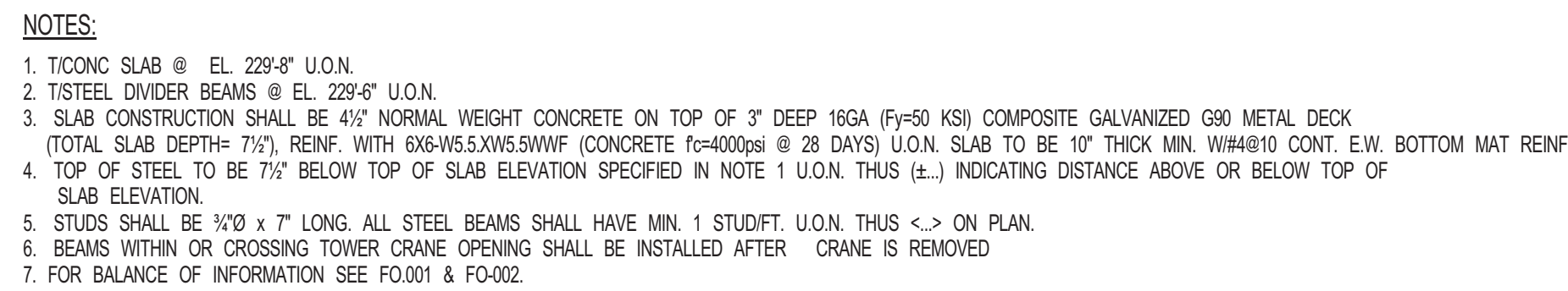
ALL DIMENSIONS ARE SHOWN IN IMPERIAL.

CONSULTANT:
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New York, NY 10017
(212) 697-8885
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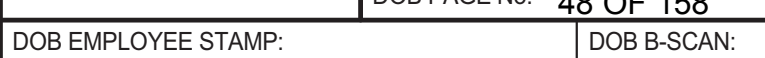
PROJECT:
217 WEST 57TH STREET
NEW YORK, NY

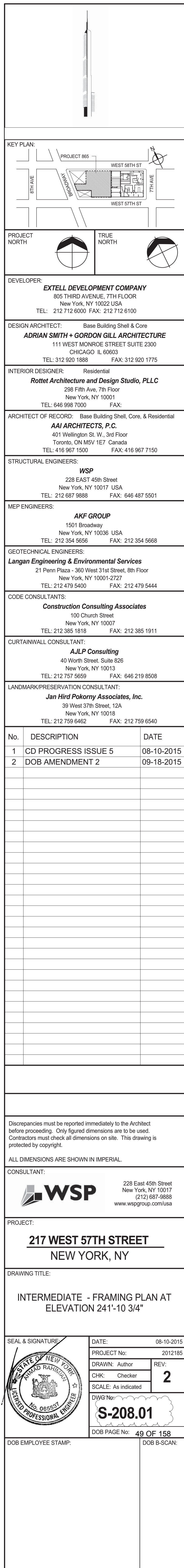
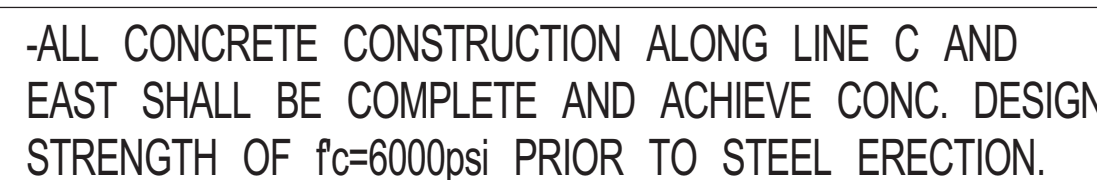
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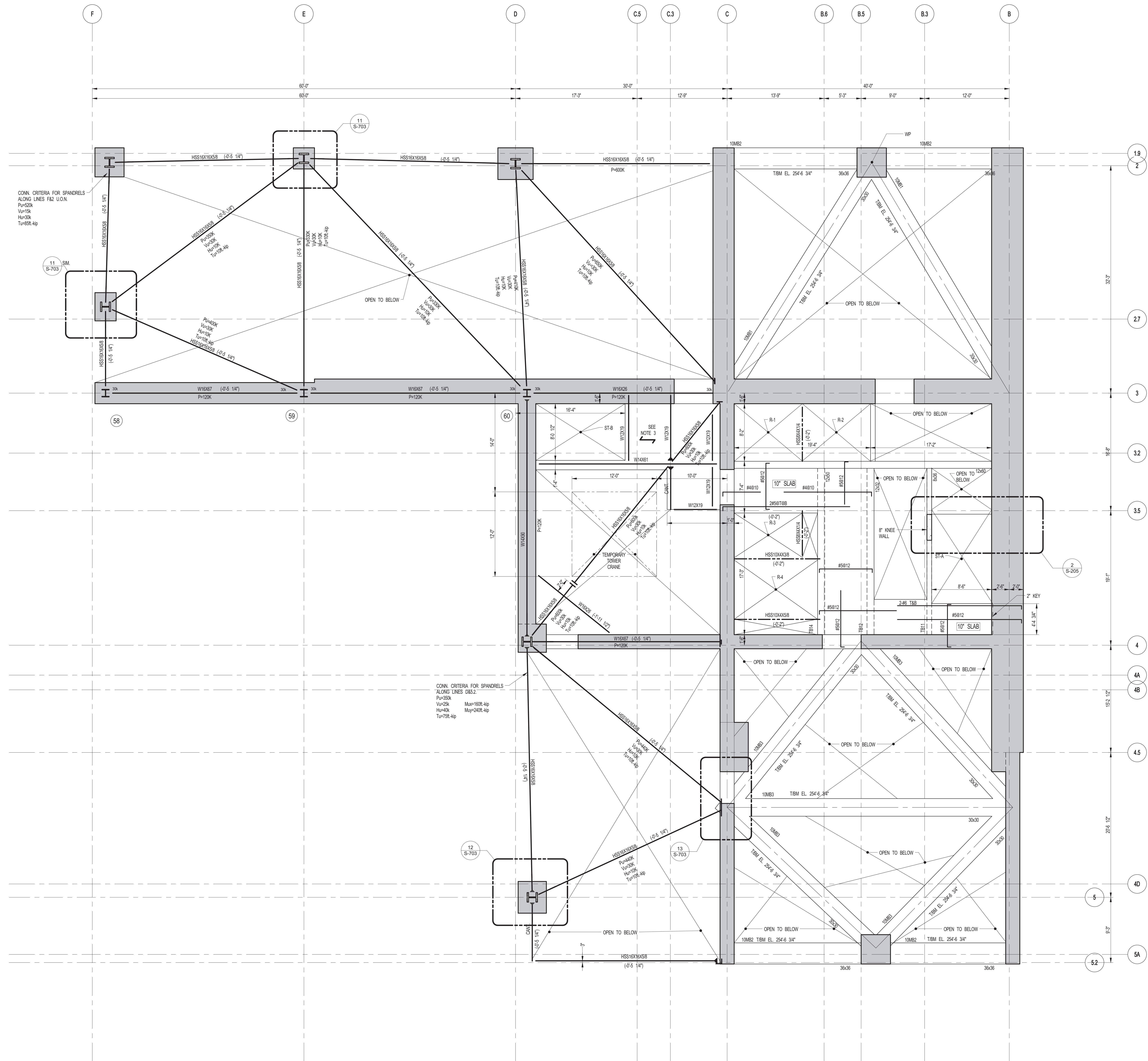
DATE: 08-10-15
PROJECT No: 2012185
DRAWN: REV: 3
CHK: SCALE: As indicated
DWG No: **S-206.01**
DOB PAGE No: 47 OF 158
DOB EMPLOYEE STAMP: DCS B-SOON



-ALL CONCRETE CONSTRUCTION ALONG LINE C AND EAST SHALL BE COMPLETE AND ACHIEVE CONC. DESIGN STRENGTH OF $f_c=6000\text{psi}$ PRIOR TO STEEL ERECTION.



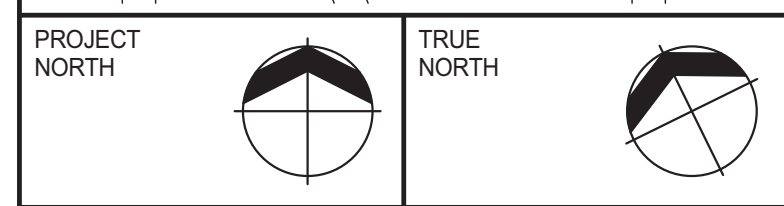
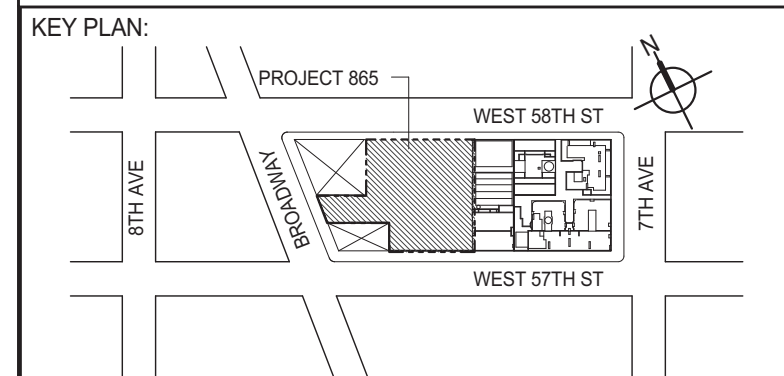




1 10TH FLOOR INTERMEDIATE 2 FRAMING PLAN
SCALE: 3/16" = 1'-0"

- NOTES:
1. TACKLE SLAB @ EL. 255'-0" U.O.N.
 2. TSTEEL DIVIDER BEAMS @ EL. 254'-10" U.O.N.
 3. SLAB CONSTRUCTION SHALL BE 4" NORMAL WEIGHT CONCRETE ON TOP OF 3" DEEP 16GA F60 KSI COMPOSITE GALVANIZED G90 METAL DECK (TOTAL SLAB DEPTH= 7") REIN. WITH BARS/LAWS/RAINF. CONCRETE f'c=4000psi @ 28 DAYS U.O.N. SLAB TO BE 10" THICK MIN. W/40% CONT. E.W. BOTTOM MAT REIN.
 4. TOP OF STEEL TO BE 7/8" BELOW TOP OF SLAB ELEVATION SPECIFIED IN NOTE 1 U.O.N. THIS (E.L.) INDICATING DISTANCE ABOVE OR BELOW TOP OF SLAB ELEVATION.
 5. STUDS SHALL BE 1/2" x 7" LONG. ALL STEEL BEAMS SHALL HAVE MIN. 1 STUDT. U.O.N. THIS <-> ON PLAN.
 6. BEAMS WITHIN OR CROSSING TOWER CRANE OPENING SHALL BE INSTALLED AFTER CRANE IS REMOVED.
 7. FOR BALANCE OF INFORMATION SEE PD001 & PD002.

-ALL CONCRETE CONSTRUCTION ALONG LINE C AND EAST SHALL BE COMPLETE AND ACHIEVE CONC. DESIGN STRENGTH OF f'c=6000psi PRIOR TO STEEL ERECTION.



DEVELOPER: **EXTELL DEVELOPMENT COMPANY**
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CURTAINWALL CONSULTANT: **AJLP Consulting**
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LANDMARK/PRESERVATION CONSULTANT: **Jan Hird Pokorny Associates, Inc.**
39 West 37th Street, 12A
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TEL: 212 759 6462 FAX: 212 759 6540

No.	DESCRIPTION	DATE
1	CD PROGRESS ISSUE 5	08-10-2015
2	DOB AMENDMENT 2	09-18-2015


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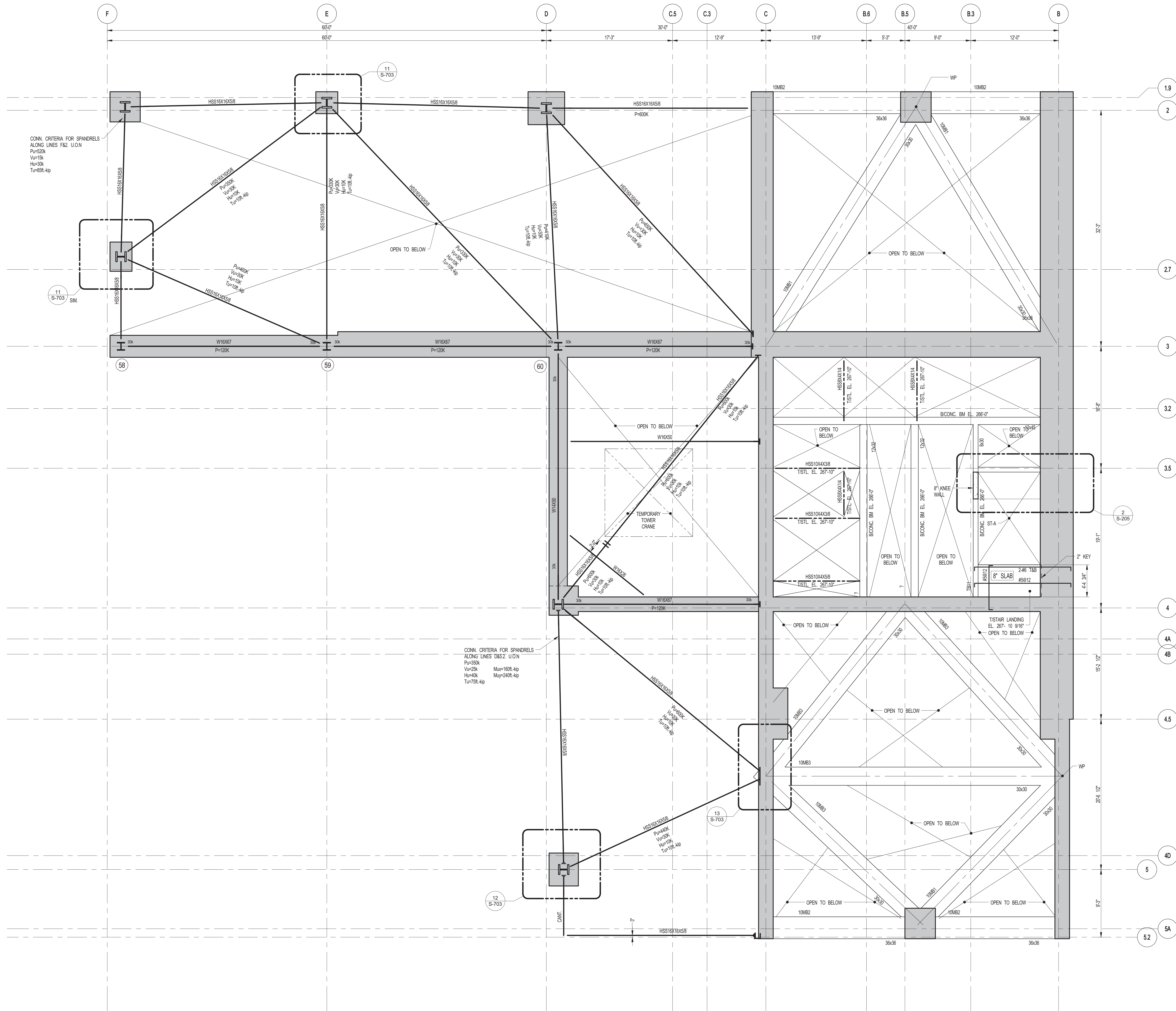
CONSULTANT: **WSP**
228 East 45th Street
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PROJECT: **217 WEST 57TH STREET
NEW YORK, NY**

DRAWING TITLE: **10TH FLOOR INTERMEDIATE 2
FRAMING PLAN**

SEAL & SIGNATURE	DATE: 08-10-2015	
	PROJECT No: 2012185	
	DRAWN: Author	REV: 2
	CHK: Checker	
	SCALE: As indicated	
	DWG No: S-209.01	

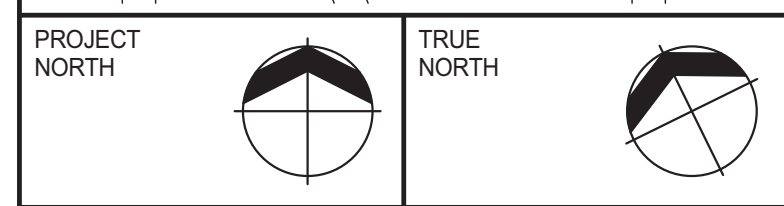
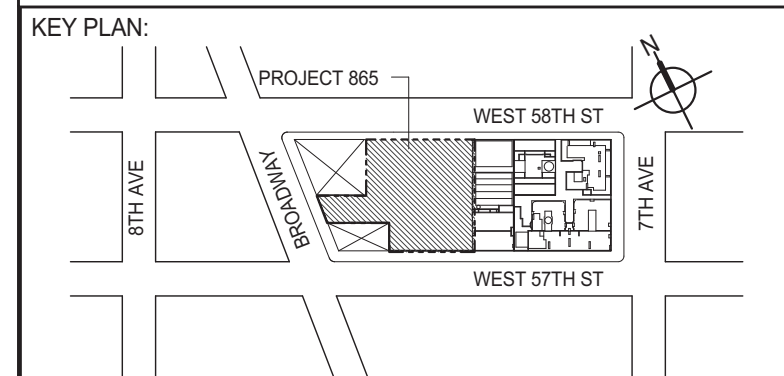
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1 INTERMEDIATE FRAMING 267'-2 3/4"
S-210 SCALE: 3/16" = 1'-0"

NOTES:
1. TO CONC. & STEEL BEAMS @ EL. 267'-2 3/4" U.O.N.

-ALL CONCRETE CONSTRUCTION ALONG LINE C AND EAST SHALL BE COMPLETE AND ACHIEVE CONC. DESIGN STRENGTH OF $f_c=6000\text{psi}$ PRIOR TO STEEL ERECTION.



DEVELOPER: **EXTELL DEVELOPMENT COMPANY**
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No.	DESCRIPTION	DATE
1	SCHEMATIC DESIGN	03-31-2014
2	ISSUED FOR SCHEMATIC DESIGN	04-04-2014
3	DESIGN DEVELOPMENT	07-01-2014
4	ISSUED FOR DESIGN DEVELOPMENT	07-31-2014
5	CD PROGRESS ISSUE 1	10-15-2014
6	DOB SUBMISSION	12-19-2014
7	ISSUED FOR 8TH FLOOR MILL ORDER-PHASE 1	01-14-2015
8	CONSTRUCTION DOCUMENTS ISSUE 3	03-09-2015
9	PROGRESS CD	05-08-2015
10	CONSTRUCTION DOCUMENTS ISSUE 4	06-01-2015
11	CD PROGRESS ISSUE 5	08-10-2015
12	DOB AMENDMENT 2	09-18-2015

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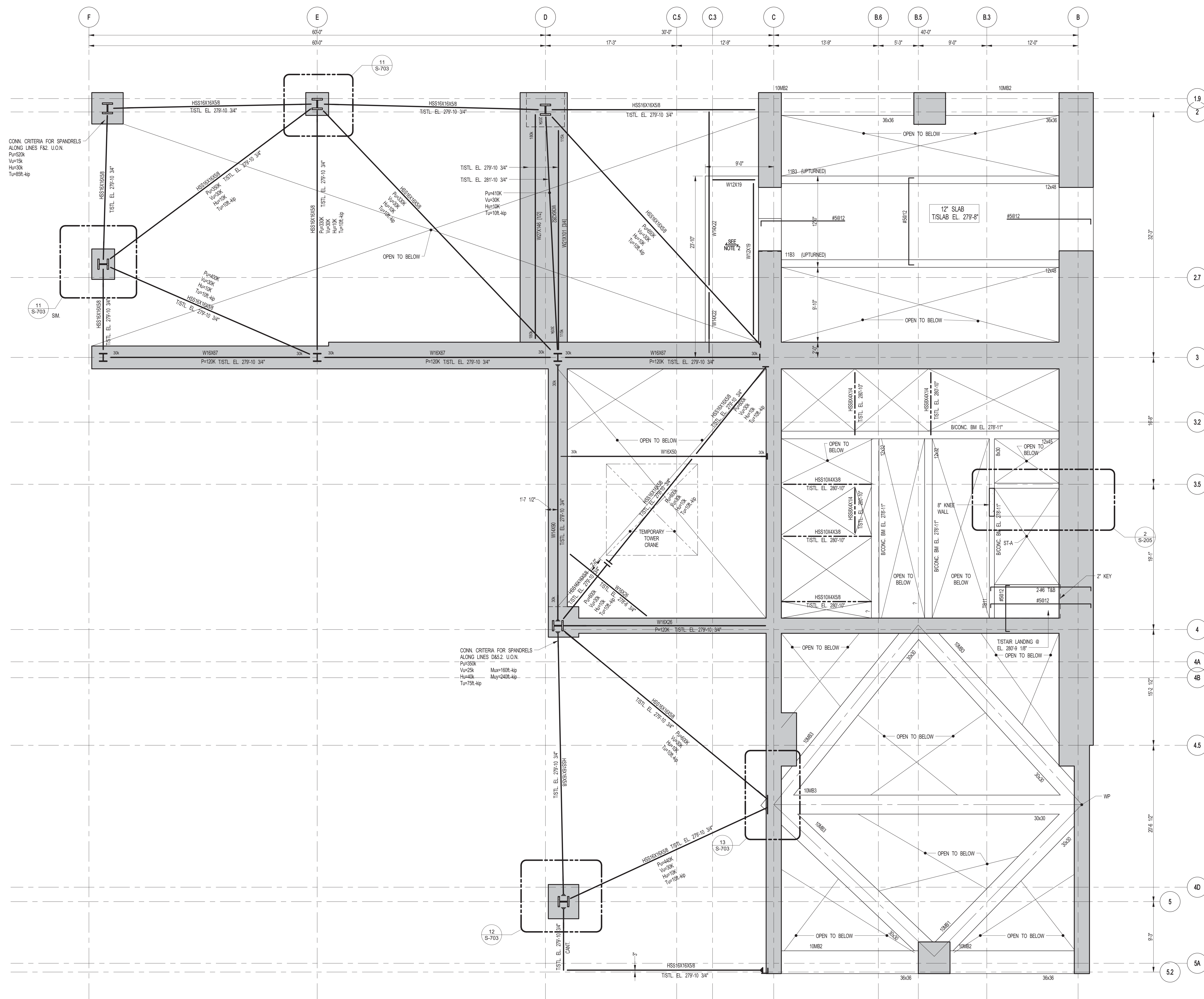
CONSULTANT: **WSP**
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www.wspgroup.com/usa

PROJECT: **217 WEST 57TH STREET
NEW YORK, NY**

DRAWING TITLE: **INTERMEDIATE - FRAMING PLAN AT
ELEVATION 267'-2 3/4"**

SEAL & SIGNATURE	DATE: 08-10-2015	
	PROJECT No: 2012185	
	DRAWN: Author	REV: 12
	CHK: Checker	SCALE: As indicated
	DWG No: S-210.01	

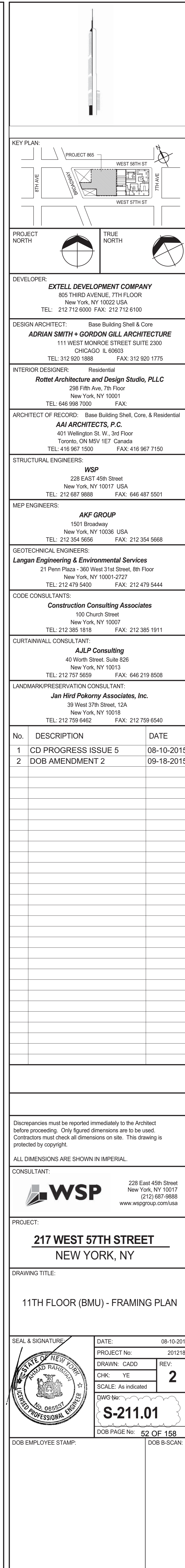
DOB PAGE No: 61 OF 158
DOB EMPLOYEE STAMP: DCS B-S-00N

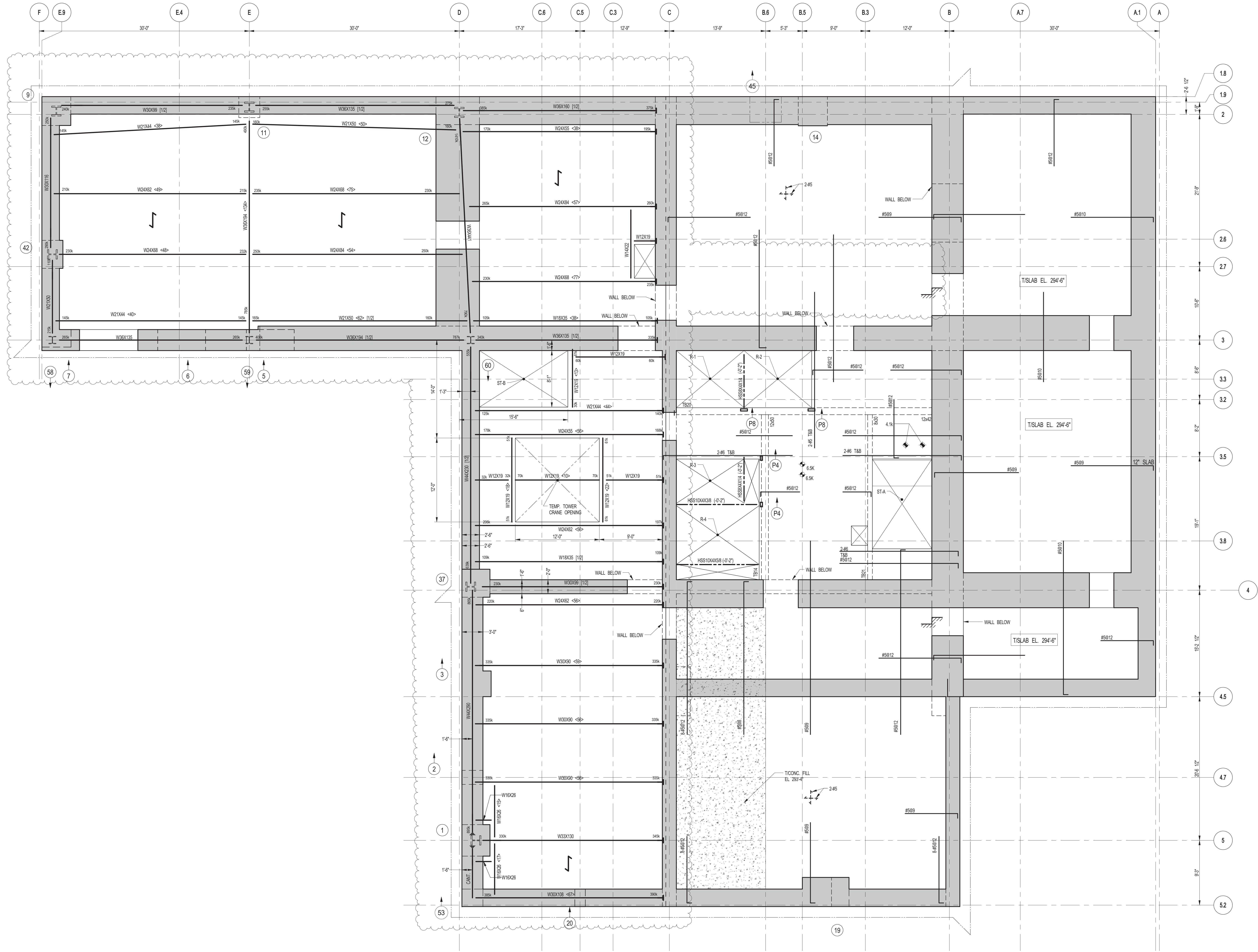


1 11TH FLOOR (BMU) - FRAMING PLAN
S-211 SCALE: 3/16" = 1'-0"

- NOTES:**
1. TYPICAL SLAB @ EL. 289.3' U.O.N.
 2. SLAB CONSTRUCTION SHALL BE 410' NORMAL WEIGHT CONCRETE ON TOP OF 3" DEEP 16GA (FY=50 KSI) COMPOSITE GALVANIZED G90 NAIL DECK. (TOTAL SLAB DEFLECTION= 7/16" REINF. WITH 6X6=55.5 W5X5MMF CONCRETE f_c=4000psi (28 DAYS) U.O.N. SLAB TO BE 10" THICK MIN. W4H410 CONT. E.W. BOTTOM MAT REIN.
 3. TOP OF STEEL TO BE 7/16" BELOW TOP OF SLAB ELEVATION SPECIFIED IN NOTE 1 U.O.N. THIS (-) INDICATING DISTANCE ABOVE OR BELOW TOP OF SLAB ELEVATION.
 4. STUDS ON WALL BE 1/2" X 7" LONG. ALL STEEL BEAMS SHALL HAVE MIN. 1 STUDIFY U.O.N. THIS (-) ON PLAN.
 5. BEAMS WITHIN OR CROSSING TOWER CRANE OPENING SHALL BE INSTALLED AFTER CRANE IS REMOVED.
 6. FOR BALANCE OF INFORMATION SEE F01.01 AND F02.02.

-ALL CONCRETE CONSTRUCTION ALONG LINE C AND EAST SHALL BE COMPLETE AND ACHIEVE CONC. DESIGN STRENGTH OF $f_c=6000\text{psi}$ PRIOR TO STEEL ERECTION.

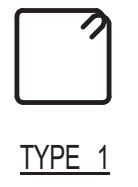




1 12TH FLOOR (MEP) FRAMING PLAN
S-213 SCALE: 3/16" = 1'-0"

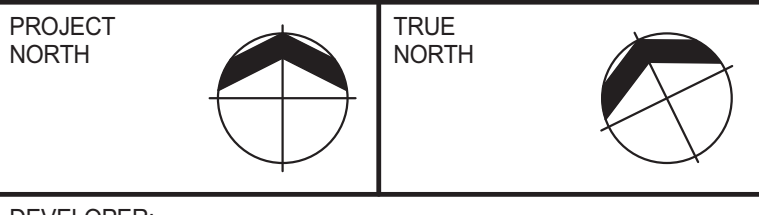
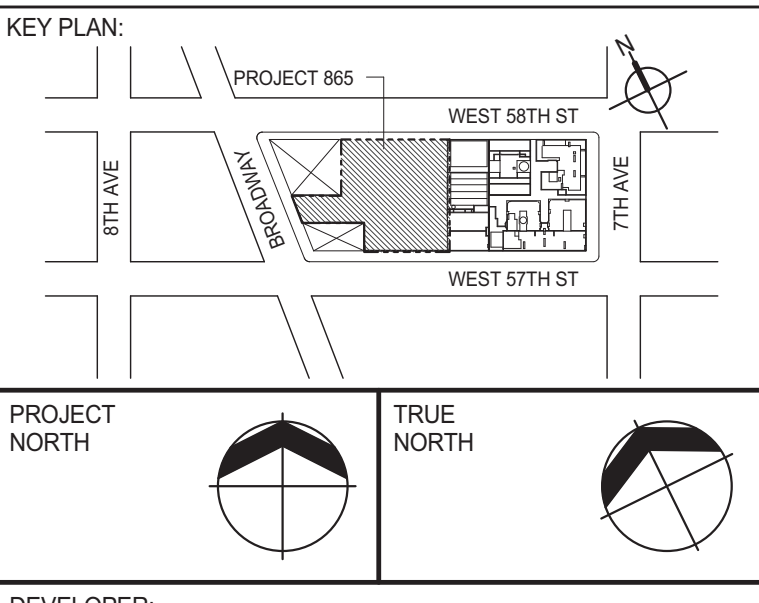
- NOTES:
1. TSLAB ELEVATION TO BE 294'-0" U.O.N.
 2. SLAB TO BE 12" THICK MIN. U.O.N. ON PLAN.
 3. BOTTOM MAT REINFORCING TO BE #5@12 CONT. E.W. U.O.N.
 4. SLAB CONSTRUCTION SHALL BE 9" NORMAL-WEIGHT CONCRETE ON TOP OF 3" DEEP 16GA. F100-90 CONCRETE GALVANIZED OR METRIC DECK (TOTAL SLAB DEPTH = 12"). REIN. WITH #4@12 TAB E.W. (CONCRETE f_c=10,000psi @ 56 DAYS) U.O.N.
 5. TOP OF STEEL TO BE 12" BELOW TOP OF SLAB ELEVATION SPECIFIED IN NOTE 1 U.O.N. THIS (L-) INDICATING DISTANCE ABOVE OR BELOW TOP OF SLAB ELEVATION.
 6. STUDS SHALL BE 4X10 X 8' LONG. ALL STEEL BEAMS SHALL HAVE MIN. 1 STUDIFT. U.O.N. THIS (L-) ON PLAN.
 7. FOR BEAM REACTIONS NOT SHOWN USE A MINIMUM OF 30 KIPS FOR BEAMS LESS THAN 15 FEET LONG.
 8. BEAMS WITHIN OR CROSSING TOWER CRANE OPENING SHALL BE INSTALLED AFTER CRANE IS REMOVED.
 9. FOR BALANCE OF NOTES SEE DWGS S-201

12TH FLOOR BEAM SCHEDULE						
BEAM MARK	SIZE (WxD) (INL)	REINFORCEMENT		STIRRUPS		REMARKS
		BOTTOM CONTINUOUS	TOP CONTINUOUS	ADDL BARS AT SUPPORT	TYPE # SIZE S/PACING	
12B3	10x8	3-#11	2-#9		#4@10 E.F. HORIZ.	



TYPE 1
STIRRUP TYPES

-ALL FLOOR FRAMING SHALL BE COMPLETE AND ACHIEVE CONC. DESIGN STRENGTH OF f_c=6000psi PRIOR TO CONSTRUCTION ABOVE 12TH FLOOR.
-CONC. CONSTRUCTION CAN PROCEED UP TO 25TH FL. SLAB PRIOR TO CONC. ENCASEMENT BETWEEN 8TH FL. TO 12TH FLOOR.
-ALL STRUCTURAL STEEL SHALL BE IN PLACE AND PASS INSPECTION PRIOR TO CONSTRUCTION ABOVE 12TH FLOOR.



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111 WEST MONROE STREET SUITE 2300
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CURTAINWALL CONSULTANT: **AJLP Consulting**
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LANDMARK/PRESERVATION CONSULTANT: **Jan Hird Pokorny Associates, Inc.**
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New York, NY 10018
TEL: 212 759 6452 FAX: 212 759 6540

No.	DESCRIPTION	DATE
1	SCHEMATIC DESIGN	03-31-2014
2	ISSUED FOR SCHEMATIC DESIGN	04-04-2014
3	DESIGN DEVELOPMENT	07-01-2014
4	ISSUED FOR DESIGN DEVELOPMENT	07-31-2014
5	CD PROGRESS ISSUE 1	10-15-2014
6	DOB SUBMISSION	12-19-2014
7	DOB SUBMISSION	01-09-2015
8	ISSUED FOR 8TH FLOOR MILL ORDER - PHASE 1	01-14-2015
9	CONSTRUCTION DOCUMENTS ISSUE 3	03-09-2015
10	PROGRESS CD	05-08-2015
11	CONSTRUCTION DOCUMENTS ISSUE 4	06-01-2015
12	VOID SPACE PROGRESS	07-15-2015
13	CD PROGRESS ISSUE 5	08-10-2015
14	DOB AMENDMENT 2	09-18-2015

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CONSULTANT: **WSP**
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www.wsgroup.com/usa

PROJECT: **217 WEST 57TH STREET
NEW YORK, NY**

DRAWING TITLE: **12TH FLOOR (MEP) FRAMING PLAN**

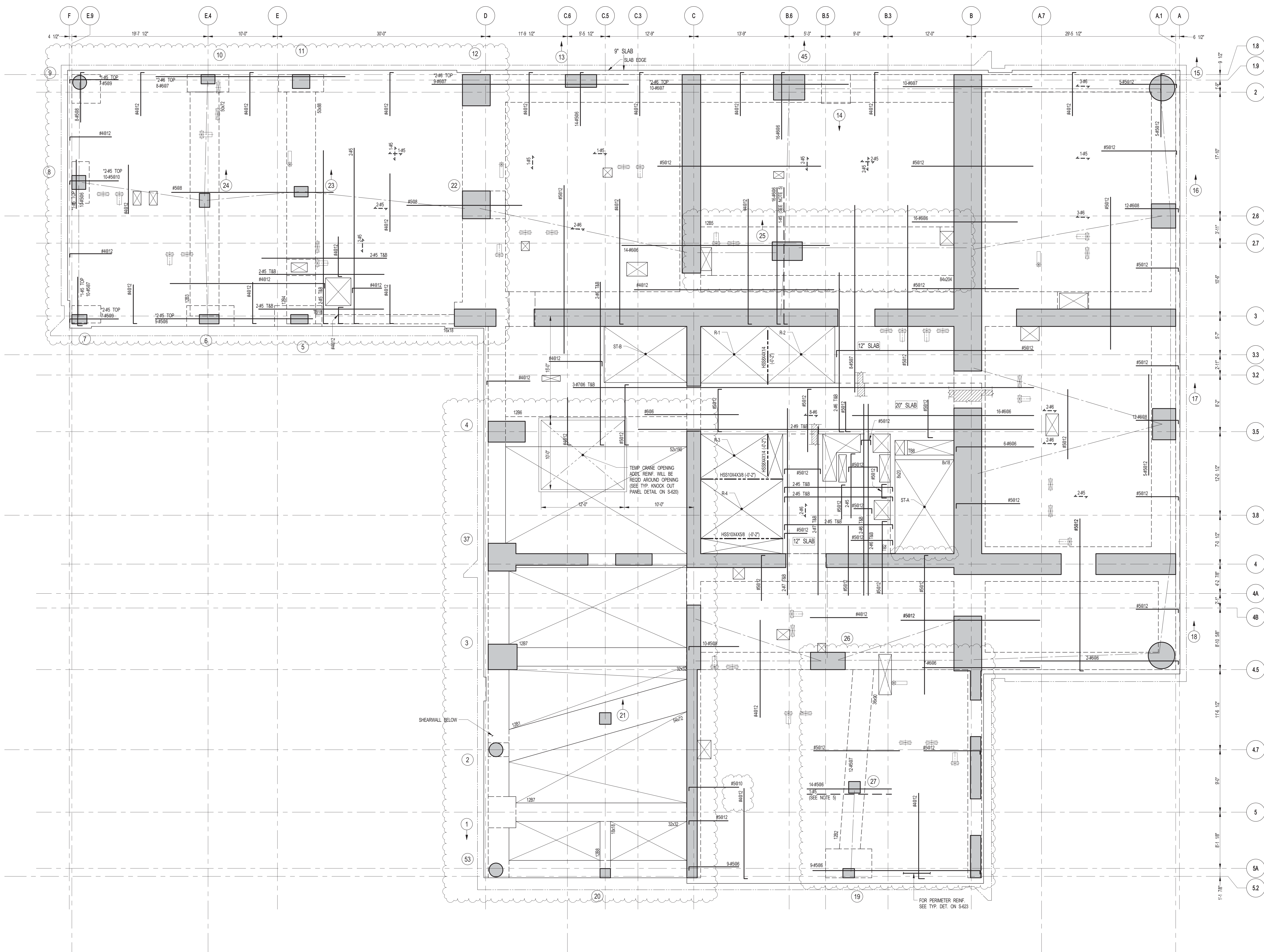
DATE: 03-31-2014
PROJECT No: 2012185
DRAWN: CAD
CHK: YE
SCALE: As indicated
DWG No: **S-213.01**

DOB PAGE No: 53 OF 158
DOB EMPLOYEE STAMP: UCSB B-SOON



NOTES:

1. FOR SLAB INFORMATION SEE CORRESPONDING FRAMING PLAN

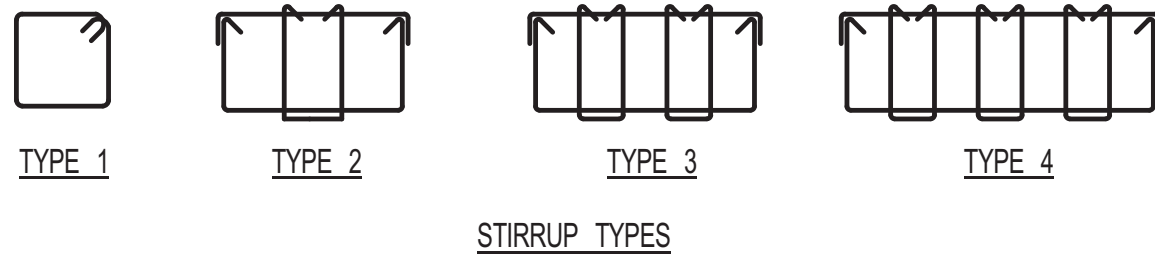


1 13TH FLOOR FRAMING PLAN

S-215 SCALE: 3/16" = 1'-0"

- NOTES:
1. SLAB ELEVATION TO BE U.O.N.
 2. SLAB TO BE 9" THICK MIN. U.O.N. ON PLAN
 3. BOTTOM MAT REINFORCEMENT TO BE #5012 CONT. E.W. FOR 9" SLAB U.O.N.
 4. #5012 CONT. E.W. FOR 12" SLAB U.O.N.
 5. #5012 CONT. E.W. FOR 20" SLAB U.O.N.
 6. FOR BALANCE OF INFORMATION SEE S-001.
 7. FOR STRUCTURE INTEGRITY REINF. ADD. INFORMATION SEE DRAWING S-001.

VOID-12TH FLOOR BEAM SCHEDULE									
BEAM MARK	SIZE (WxD) (IN.)	REINFORCEMENT		TOP ADD'L BARS AT SUPPORT	STIRRUPS			REMARKS	
		BOTTOM CONTINUOUS	TOP CONTINUOUS		TYPE	SIZE	SPACING		
1201	50x72	15-#10	9-#9		2	#4	@12	#5010 E.F. HORIZ.	
1202	36x60	10-#11 (2 LAYERS)	5-#9		2	#4	@12	#5012 E.F. HORIZ.	
1203	50x72	3-#11	2-#9		1	#4	@12	#4010 E.F. HORIZ.	
1204	50x68	22-#11 (2 LAYERS)	9-#11		2	#5	@10	#5010 E.F. HORIZ.	
1205	84x204	7-#11	32-#11		3	#6	@6	#5010 E.F. HORIZ.	
1206	52x190	15-#11	15-#11		4	#6	@6	#5010 E.F. HORIZ.	
1207	32x32	6-#9	6-#9		1	#4	@12		
1208	18x18	5-#9	3-#9		1	#4	@7		



KEY PLAN

PROJECT NORTH

DEVELOPER: **EXTELL DEVELOPMENT COMPANY**
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No.	DESCRIPTION	DATE
1	SCHEMATIC DESIGN	03-31-2014
2	ISSUED FOR SCHEMATIC DESIGN	04-04-2014
3	SUPERSTRUCTURE CONCRETE BID	06-02-2014
4	DOB FILING SET	06-17-2014
5	DESIGN DEVELOPMENT	07-01-2014
6	ISSUED FOR DESIGN DEVELOPMENT	07-31-2014
7	CD PROGRESS ISSUE 1	10-15-2014
8	ISSUED FOR CONSTRUCTION UP TO 7TH FLOOR ONLY	11-14-2014
9	DOB SUBMISSION	12-19-2014
10	CONSTRUCTION DOCUMENTS ISSUE 3	03-09-2015
11	PROGRESS CD	05-08-2015
12	CONSTRUCTION DOCUMENTS ISSUE 4	06-01-2015
13	CD PROGRESS ISSUE 5	08-10-2015
14	DOB AMENDMENT 2	09-18-2015

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PROJECT: **217 WEST 57TH STREET
NEW YORK, NY**

DRAWING TITLE: **13TH FLOOR - FRAMING PLAN**

SEAL & SIGNATURE

DATE: 03-31-2014

PROJECT No: 2012185

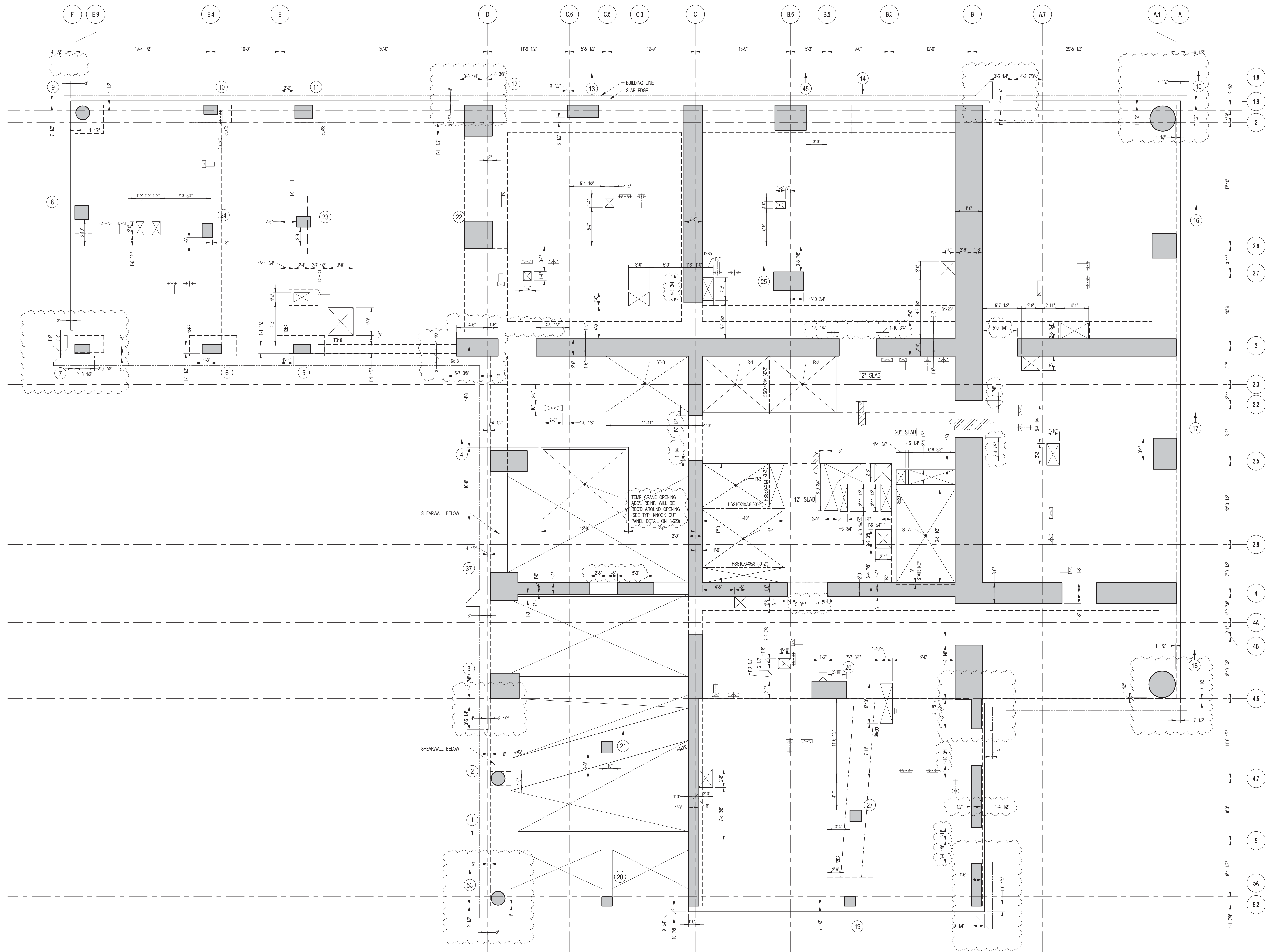
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CHK: YE SCALE: As Indicated

DWG No: **S-215.01**

DOB PAGE No: 55 OF 158

DOB E-SCAN: UCSB E-SCAN



1 13TH FLOOR GENERAL ARRANGEMENT PLAN
 SCALE: 3/16" = 1'-0"

NOTES:
 1. FOR SLAB INFORMATION SEE CORRESPONDING FRAMING PLAN.

KEY PLAN: PROJECT #101 WEST 57TH ST 7TH FLOOR

PROJECT NORTH: TRUE NORTH

DEVELOPER: EXTRELL DEVELOPMENT COMPANY
 805 THIRD AVENUE, 7TH FLOOR
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INTERIOR DESIGNER: Residential
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ARCHITECT OF RECORD: Base Building Shell, Core, & Residential
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No.	DESCRIPTION	DATE
1	CONSTRUCTION DOCUMENTS	06-01-2015
2	CD PROGRESS ISSUE 5	08-10-2015
3	DOB AMENDMENT 2	09-18-2015

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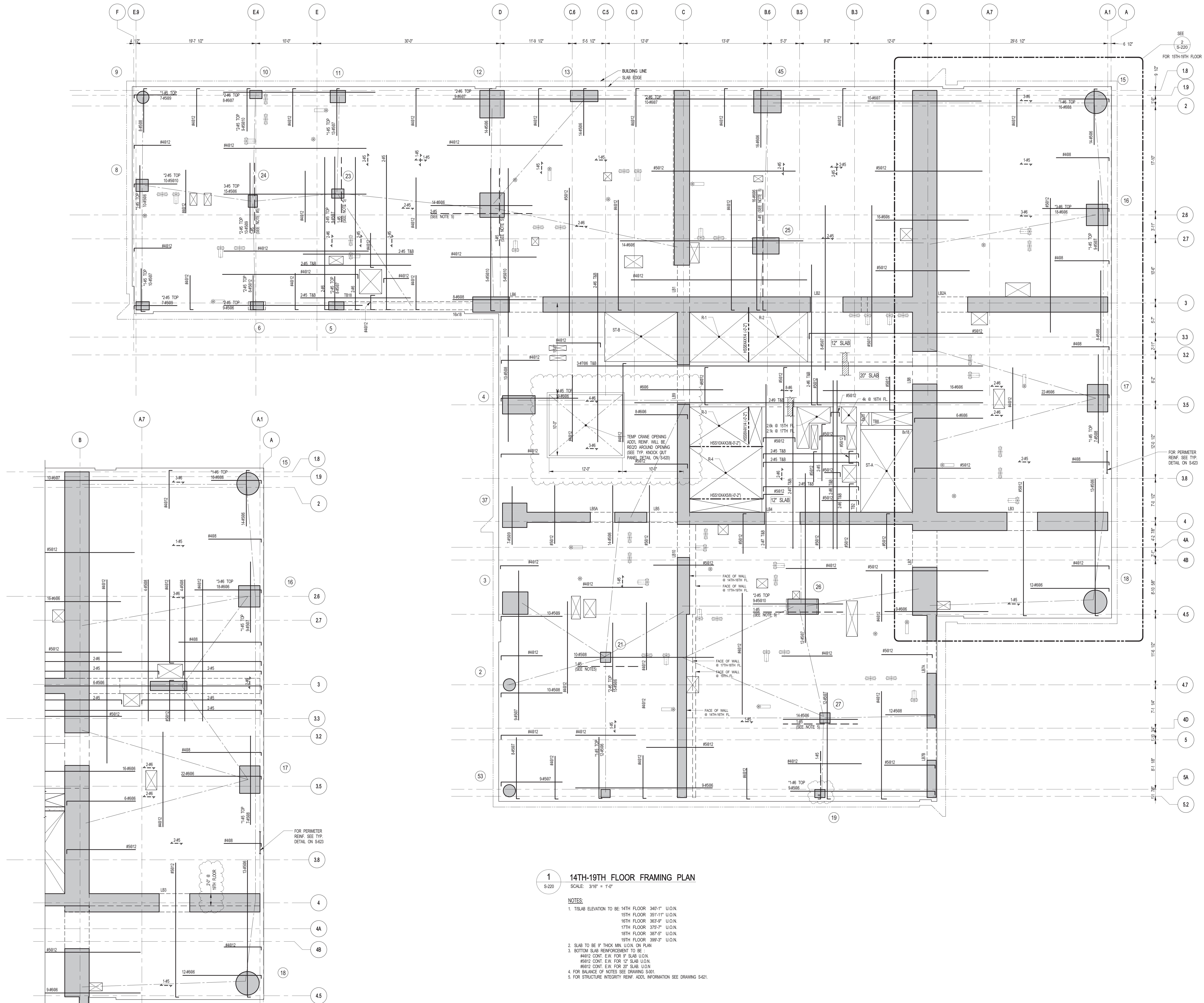
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PROJECT: 217 WEST 57TH STREET
 NEW YORK, NY

DRAWING TITLE: 13TH FLOOR - GENERAL ARRANGEMENT PLAN

DATE:	06-01-2015
PROJECT No:	2012185
DRAWN: CAD	REV: 3
CHK: YE	
SCALE: As indicated	
DWG No:	S-216.01
DOB PAGE No:	56 OF 158
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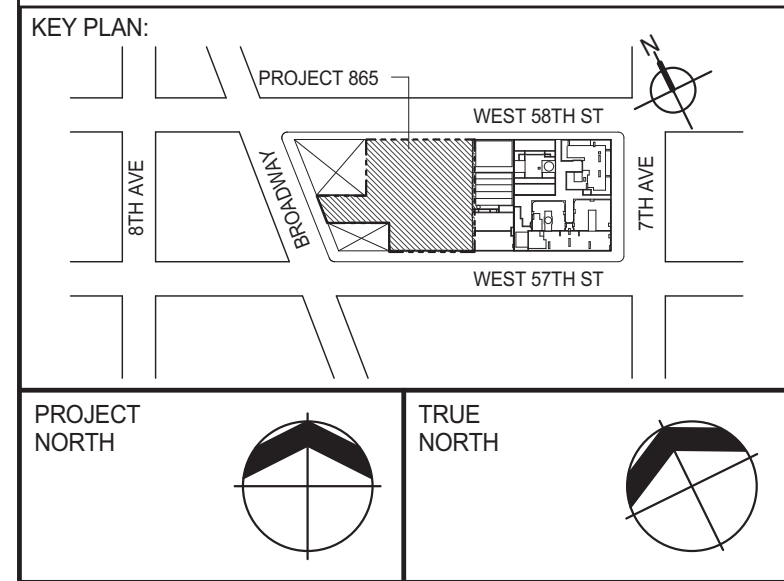


1 14TH-19TH FLOOR FRAMING PLAN
SCALE: 3/16" = 1'-0"

- NOTES:
1. TISLAB ELEVATION TO BE: 14TH FLOOR: 340'-1" U.O.N.
15TH FLOOR: 351'-11" U.O.N.
16TH FLOOR: 363'-9" U.O.N.
17TH FLOOR: 375'-7" U.O.N.
18TH FLOOR: 387'-5" U.O.N.
19TH FLOOR: 399'-3" U.O.N.
 2. SLAB TO BE 9" THICK MIN. U.O.N. ON PLAN
 3. BOTTOM SLAB REINFORCEMENT TO BE:
#4@12 CONT. E.W. FOR 12" SLAB U.O.N.
#5@12 CONT. E.W. FOR 12" SLAB U.O.N.
#5@12 CONT. E.W. FOR 20" SLAB U.O.N.
4. FOR BALANCE OF NOTES SEE DRAWING S-01.
5. FOR STRUCTURE INTEGRITY REINF. ADDITIONAL INFORMATION SEE DRAWING S-02.

2 15TH-19TH FLOOR PART FRAMING PLAN
SCALE: 3/16" = 1'-0"

- NOTES:
1. FOR BALANCE OF INFORMATION SEE THIS DRAWING.



PROJECT: 217 WEST 57TH STREET
NEW YORK, NY

DEVELOPER: EXTRELL DEVELOPMENT COMPANY
805 THIRD AVENUE, 7TH FLOOR
NEW YORK, NY 10022 USA
TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT: Base Building Shell & Core
ADRIAN SMITH + GORDON GILL ARCHITECTURE
111 WEST MONROE STREET SUITE 2300
CHICAGO IL 60603
TEL: 312 920 1888 FAX: 312 920 1775

INTERIOR DESIGNER: Residential
Rotet Architecture and Design Studio, PLLC
208 Fifth Ave, 7th Floor
New York, NY 10001
TEL: 646 998 7000 FAX:

ARCHITECT OF RECORD: Base Building Shell, Core, & Residential
AAJ ARCHITECTS, P.C.
401 Westchester St. W., 3rd Floor
Toronto, ON M5V 1E7 Canada
TEL: 416 967 1500 FAX: 416 967 7150

STRUCTURAL ENGINEERS: WSP
228 East 45th Street
New York, NY 10017 USA
TEL: 212 687 8885 FAX: 646 487 5501

MEP ENGINEERS: AKF GROUP
1501 Broadway
New York, NY 10036 USA
TEL: 212 354 5656 FAX: 212 354 5668

GEOTECHNICAL ENGINEERS: Langan Engineering & Environmental Services
21 Penn Plaza - 360 West 31st Street, 8th Floor
New York, NY 10001-2727
TEL: 212 479 5400 FAX: 212 479 5444

CODE CONSULTANTS: Construction Consulting Associates
100 Church Street
New York, NY 10007
TEL: 212 385 1818 FAX: 212 385 1911

CURTAINWALL CONSULTANT: A.J.P. Consulting
40 Worth Street, Suite 826
New York, NY 10013
TEL: 212 757 6600 FAX: 646 219 8508

LANDMARK/PRESERVATION CONSULTANT: Jan Hird Pokorny Associates, Inc.
39 West 37th Street, 12A
New York, NY 10018
TEL: 212 759 6452 FAX: 212 759 6540

No.	DESCRIPTION	DATE
1	SCHEMATIC DESIGN	03-31-2014
2	ISSUED FOR SCHEMATIC DESIGN	04-04-2014
3	SUPERSTRUCTURE CONCRETE BID	06-02-2014
4	DOB FILING SET	06-17-2014
5	DESIGN DEVELOPMENT	07-01-2014
6	ISSUED FOR DESIGN DEVELOPMENT	07-31-2014
7	CD PROGRESS ISSUE 1	10-15-2014
8	DOB SUBMISSION	12-19-2014
9	CONSTRUCTION DOCUMENTS ISSUE 3	03-09-2015
10	PROGRESS CD	05-08-2015
11	CONSTRUCTION DOCUMENTS ISSUE 4	06-01-2015
12	CD PROGRESS ISSUE 5	08-10-2015
13	DOB AMENDMENT 2	09-18-2015

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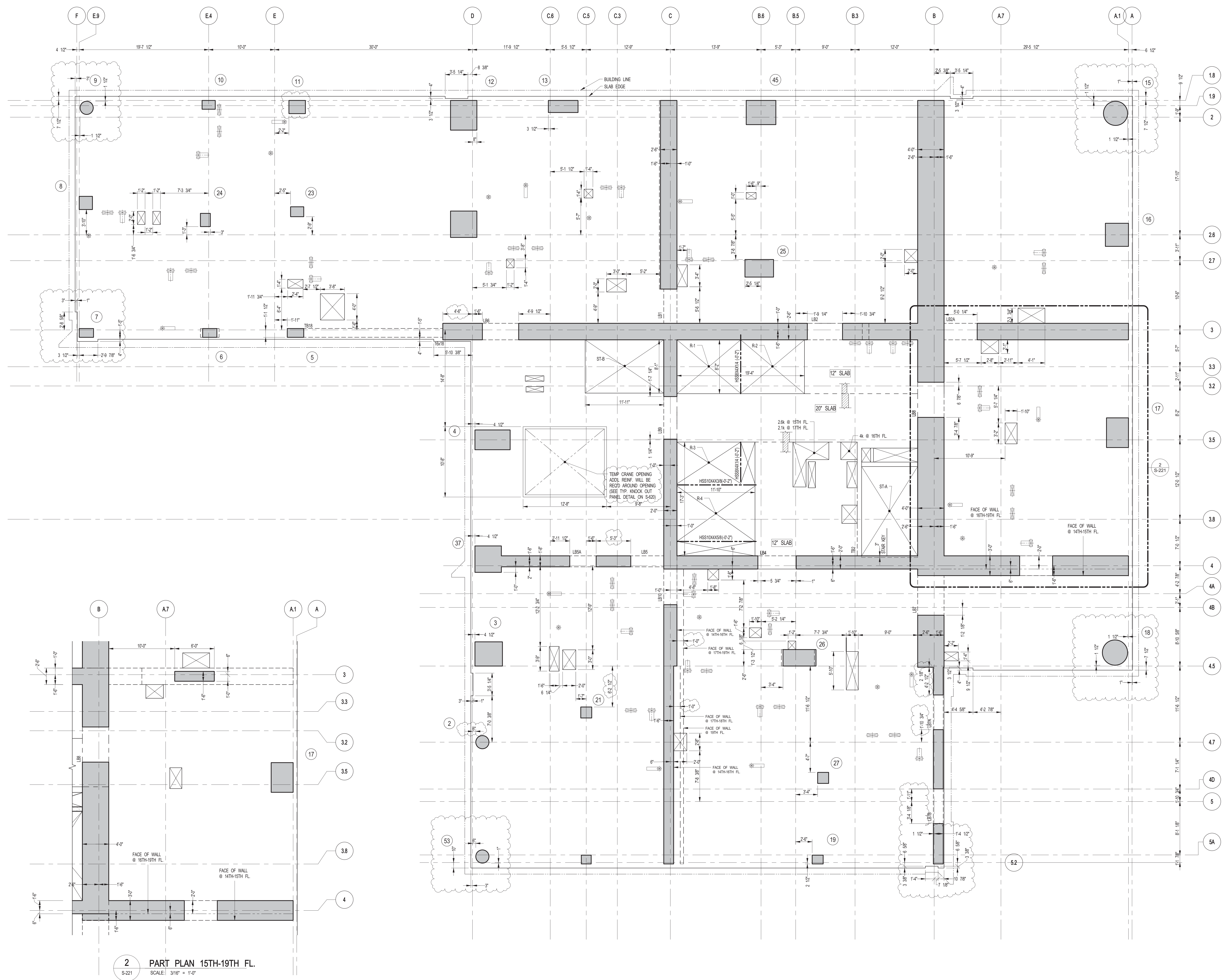
ALL DIMENSIONS ARE SHOWN IN IMPERIAL.

CONSULTANT: WSP
228 East 45th Street
New York, NY 10017
(212) 687-8885
www.wspgroup.com/usa

PROJECT: 217 WEST 57TH STREET
NEW YORK, NY

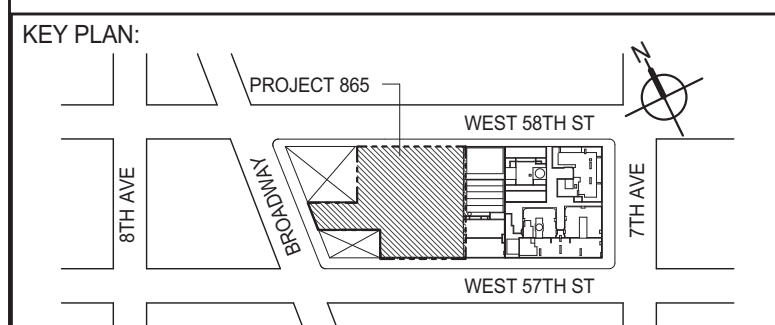
DRAWING TITLE: 14TH-19TH FLOORS - FRAMING PLAN

SEAL & SIGNATURE: [Signature]
DATE: 03-31-2014
PROJECT No: 2012185
DRAWN: CAD
CHK: YE
SCALE: As Indicated
DWG No: S-220.01
DOB PAGE No: 57 OF 158
DOB EMPLOYEE ID: 0308 B-SC01



1 14TH-19TH FLOOR GENERAL ARRANGEMENT PLAN
 S-221 SCALE: 3/16" = 1'-0"
 NOTES:
 1. FOR SLAB INFORMATION SEE CORRESPONDING FRAMING PLAN.

1. FOR SLAB INFORMATION SEE CORRESPONDING FRAMING PLAN



PROJECT NORTH		TRUE NORTH	
---------------	---	------------	---

DEVELOPER: **EXTELL DEVELOPMENT COMPANY**
805 THIRD AVENUE, 7TH FLOOR
New York, NY 10022 USA
TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT: Base Building Shell & Core
ADRIAN SMITH + GORDON GILL ARCHITECTURE
111 WEST MONROE STREET SUITE 2300
CHICAGO IL 60603
TEL: 312 920 1888 FAX: 312 920 1775

INTERIOR DESIGNER: Residential
Rottet Architecture and Design Studio, PLLC
298 Fifth Ave., 7th Floor
New York, NY 10001
TEL: 646 998 7000 FAX:

ARCHITECT OF RECORD: Base Building Shell, Core, & Residential
AAI ARCHITECTS, P.C.
 401 Wellington St. W., 3rd Floor
 Toronto, ON M5V 1E7 Canada
 TEL: 416 967 1500 FAX: 416 967 7150

STRUCTURAL ENGINEERS:
WSP
228 EAST 45th Street
New York, NY 10017 USA
TEL: 212 687 9888 FAX: 646 487 5501

MEP ENGINEERS:

AKF GROUP
1501 Broadway
New York, NY 10036 USA
TEL: 212 354 5656 FAX: 212 354 5668

GEOTECHNICAL ENGINEERS:
Langan Engineering & Environmental Services
21 Penn Plaza - 360 West 31st Street, 8th Floor
New York, NY 10001-2727
TEL: 212 479 5400 FAX: 212 479 5444

CODE CONSULTANTS:
Construction Consulting Associates
100 Church Street
New York, NY 10007
TEL: 212 385 1818 FAX: 212 385 1911

CURTAINWALL CONSULTANT:
AJLP Consulting
40 Worth Street, Suite 826
New York, NY 10013
TEL: 212 757 5659 FAX: 646 219 8508

LANDMARK/PRESERVATION CONSULTANT:
Jan Hird Pokorny Associates, Inc.
39 West 37th Street, 12A
New York, NY 10018
TEL: 212 759 6462 FAX: 212 759 6540

No.	DESCRIPTION	DATE
1	CONSTRUCTION DOCUMENTS ISSUE 4	06-01-2015
2	CD PROGRESS ISSUE 5	08-10-2015
3	DOB AMENDMENT 2	09-18-2015

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ALL DIMENSIONS ARE SHOWN IN IMPERIAL

CONSULTANT:



PROJECT:

217 WEST 57TH STREET
NEW YORK, NY

DRAWING TITLE:


14TH-19TH FLOORS - GENERAL
ARRANGEMENT PLAN

SEAL & SIGNATURE:	DATE:	06-01-2015
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PROJECT No:	2012185
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	DRAWN: CADD	REV:
	DATE: 11/11/11	

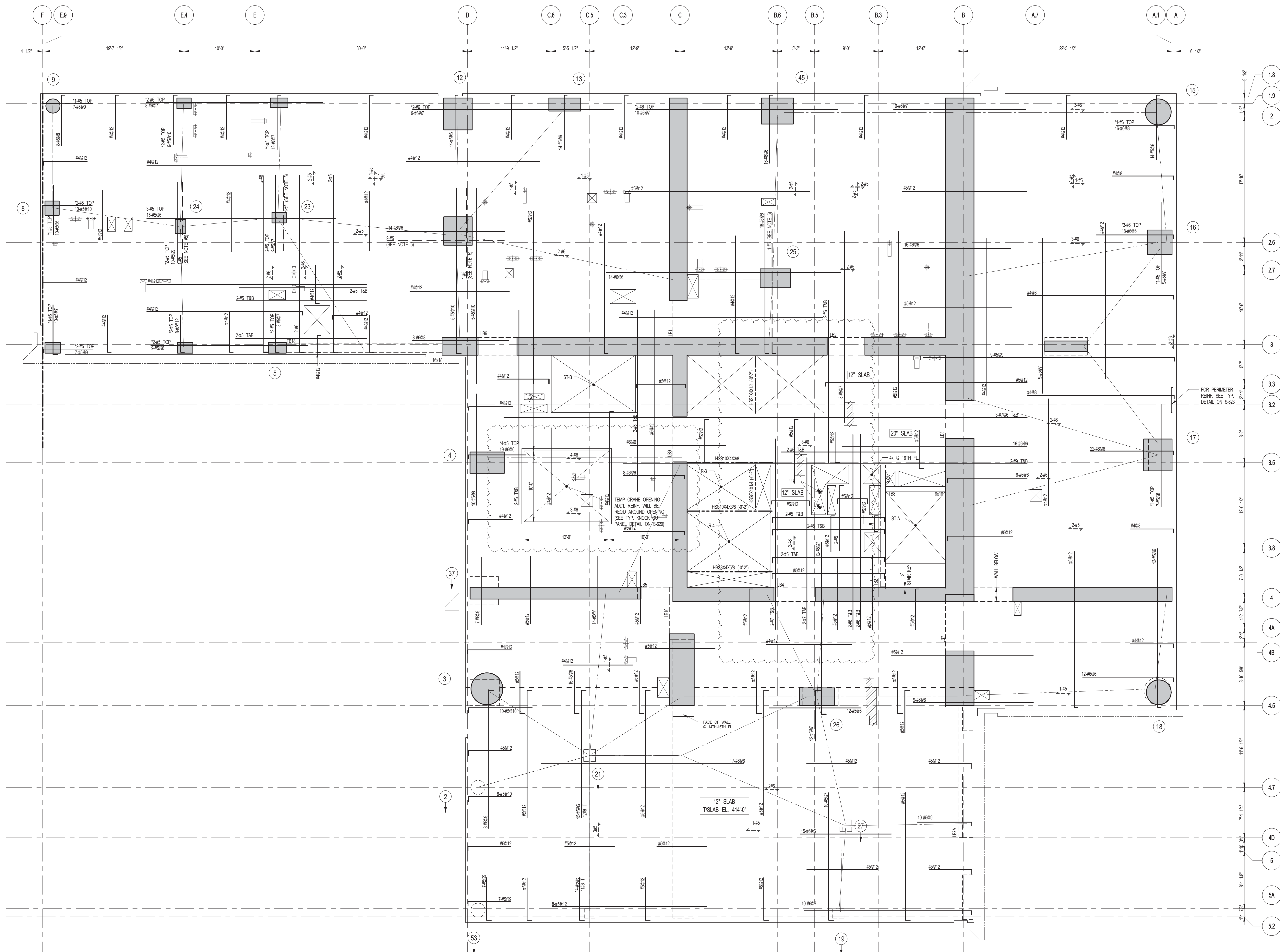
CHK: YE	3
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	SCALE: As indicated	
	DATE:	

UNCLASSIFIED No. 088537 ENGINEER DWG No. 22121


S-221.01

DOB PAGE No: 58 OF 158



1 20TH FLOOR FRAMING PLAN
 S-225 SCALE: 3/16" = 1'-0"

- NOTES:**
1. SLAB ELEVATION TO BE 415'-3.00"
 2. SLAB TO BE 8" THICK MIN. U.O.N. ON PLAN
 3. BOTTOM SLAB REINFORCEMENT TO BE:
 #5@12 CONT. E.W. FOR 12" SLAB U.O.N.
 #5@12 CONT. E.W. FOR 20" SLAB U.O.N.
 4. FOR BALANCE OF NOTES SEE DRAWING S-201.
 5. FOR STRUCTURE INTEGRITY REINF. ADD. INFORMATION SEE DRAWING S-201.

KEY PLAN:

PROJECT: NORTH

TRUE NORTH:

DEVELOPER: EXTRELL DEVELOPMENT COMPANY
 805 THIRD AVENUE, 7TH FLOOR
 NEW YORK, NY 10022 USA
 TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT: Base Building Shell & Core
ADRIAN SMITH + GORDON GILL ARCHITECTURE
 111 WEST MONROE STREET SUITE 2300
 CHICAGO, IL 60603
 TEL: 312 920 1888 FAX: 312 920 1775

INTERIOR DESIGNER: Residential
Rotter Architecture and Design Studio, PLLC
 288 Fifth Ave., 7th Floor
 New York, NY 10017
 TEL: 646 988 7000 FAX:

ARCHITECT OF RECORD: Base Building Shell, Core, & Residential
AJA ARCHITECTS, P.C.
 401 Wellington St. W., 3rd Floor
 Toronto, ON M5V 1E7 Canada
 TEL: 416 967 1500 FAX: 416 967 7150

STRUCTURAL ENGINEERS: WSP
 228 EAST 45th Street
 New York, NY 10017 USA
 TEL: 212 687 8888 FAX: 646 487 5501

MEP ENGINEERS: AKF GROUP
 1501 Broadway
 New York, NY 10036 USA
 TEL: 212 354 5656 FAX: 212 354 5668

GEOTECHNICAL ENGINEERS: Langan Engineering & Environmental Services
 21 Penn Plaza - 360 West 31st Street, 8th Floor
 New York, NY 10001-2727
 TEL: 212 479 5400 FAX: 212 479 5444

CODE CONSULTANTS: Construction Consulting Associates
 100 Church Street
 New York, NY 10007
 TEL: 212 385 6181 FAX: 212 385 1911

CURTAINWALL CONSULTANT: A.J.P. Consulting
 40 Worth Street, Suite 826
 New York, NY 10013
 TEL: 212 757 6659 FAX: 646 219 8508

LANDMARK/PRESERVATION CONSULTANT: Jan Hird Pokorny Associates, Inc.
 39 West 37th Street, 12A
 New York, NY 10018
 TEL: 212 759 6452 FAX: 212 759 6540

No.	DESCRIPTION	DATE
1	SUPERSTRUCTURE CONCRETE BID	06-02-2014
2	DOB FILING SET	06-17-2014
3	DESIGN DEVELOPMENT	07-01-2014
4	ISSUED FOR DESIGN DEVELOPMENT	07-31-2014
5	CD PROGRESS ISSUE 1	10-15-2014
6	DOB SUBMISSION	12-19-2014
7	CONSTRUCTION DOCUMENTS ISSUE 3	03-09-2015
8	PROGRESS CD	05-08-2015
9	CONSTRUCTION DOCUMENTS ISSUE 4	06-01-2015
10	CD PROGRESS ISSUE 5	08-10-2015
11	DOB AMENDMENT 2	09-18-2015

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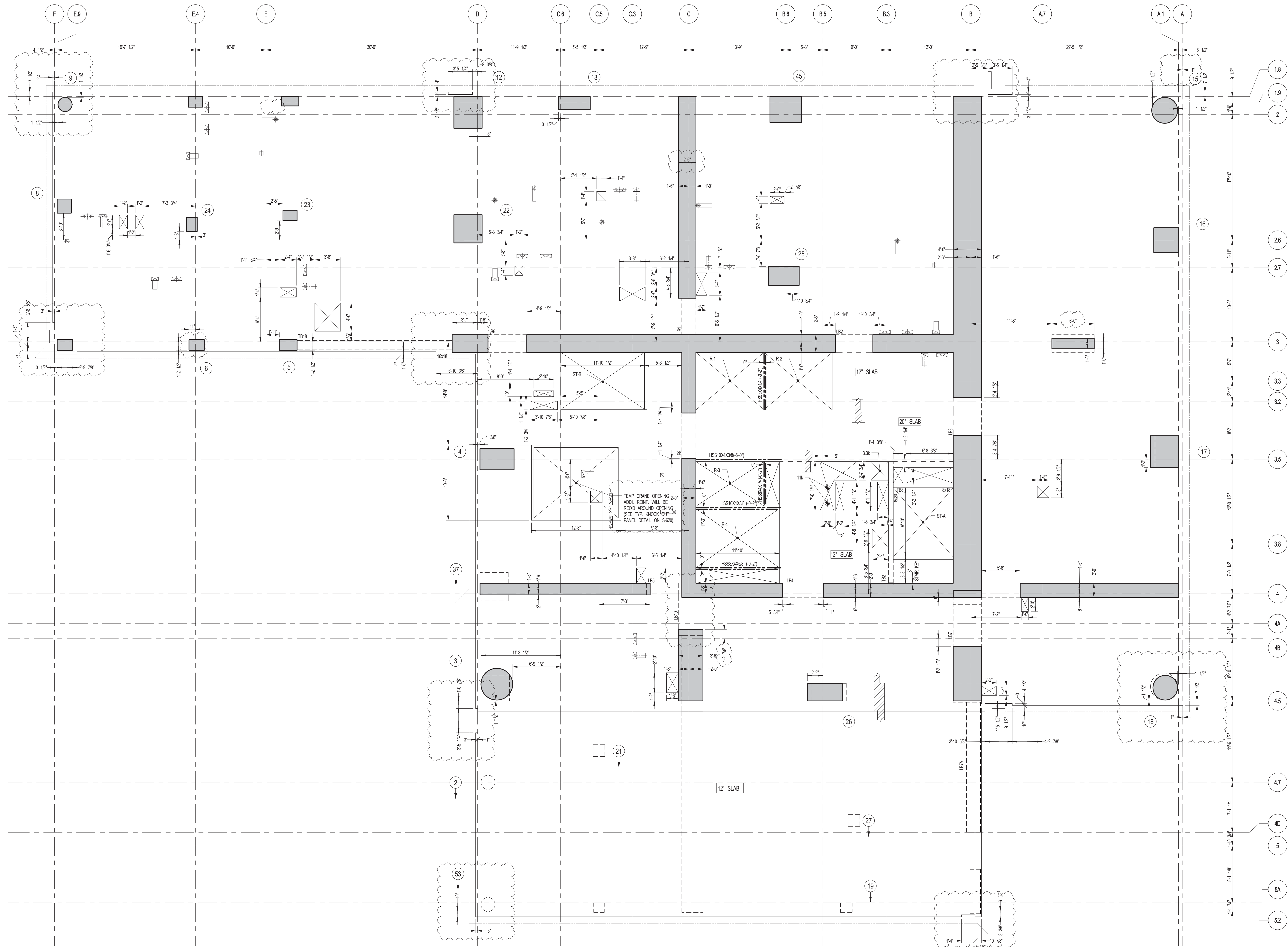
ALL DIMENSIONS ARE SHOWN IN IMPERIAL.

CONSULTANT: WSP
 228 East 45th Street
 New York, NY 10017
 (212) 687-8888
 www.wspgroup.com/usa

PROJECT: 217 WEST 57TH STREET
 NEW YORK, NY

DRAWING TITLE: 20TH FLOOR - FRAMING PLAN

<p>SEAL & SIGNATURE:</p>	<p>DATE: 06-02-2014</p> <p>PROJECT No: 2012185</p> <p>DRAWN: CADDO</p> <p>CHK: YE</p> <p>SCALE: As indicated</p> <p>DWG No: S-225.01</p> <p>DOB PAGE No: 69 OF 158</p> <p>DOB B-SCAN:</p>
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1 20TH FLOOR GENERAL ARRANGEMENT PLAN
 SCALE: 3/16" = 1'-0"

NOTES:
 1. FOR SLAB INFORMATION SEE CORRESPONDING FRAMING PLAN.

TRUE NORTH

KEY PLAN:

PROJECT NORTH

DEVELOPER:

EXTELL DEVELOPMENT COMPANY
 805 THIRD AVENUE, 7TH FLOOR
 NEW YORK, NY 10022 USA
 TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT:

Base Building Shell & Core
ADRIAN SMITH + GORDON GILL ARCHITECTURE
 111 WEST MONROE STREET SUITE 2300
 CHICAGO, IL 60603
 TEL: 312 920 1888 FAX: 312 920 1775

INTERIOR DESIGNER:

Residential
Rottet Architecture and Design Studio, PLLC
 288 Fifth Ave., 7th Floor
 New York, NY 10017
 TEL: 646 998 7000 FAX:

ARCHITECT OF RECORD:

Base Building Shell, Core, & Residential
AJA ARCHITECTS, P.C.
 401 Wellington St. W., 3rd Floor
 Toronto, ON M5V 1E7 Canada
 TEL: 416 967 1500 FAX: 416 967 7150

STRUCTURAL ENGINEERS:

WSP
 228 East 45th Street
 New York, NY 10017 USA
 TEL: 212 697 8885 FAX: 646 487 5501

MEP ENGINEERS:

AKF GROUP
 1501 Broadway
 New York, NY 10036 USA
 TEL: 212 354 5656 FAX: 212 354 5668

GEOTECHNICAL ENGINEERS:

Langan Engineering & Environmental Services
 21 Penn Plaza - 360 West 31st Street, 8th Floor
 New York, NY 10001-2727
 TEL: 212 479 5400 FAX: 212 479 5444

CODE CONSULTANTS:

Construction Consulting Associates
 100 Church Street
 New York, NY 10007
 TEL: 212 385 6181 FAX: 212 385 1911

CURTAINWALL CONSULTANT:

AJLP Consulting
 40 Worth Street, Suite 826
 New York, NY 10013
 TEL: 212 757 6650 FAX: 646 219 8508

LANDMARK/PRESERVATION CONSULTANT:

Jan Hird Pokorny Associates, Inc.
 39 West 37th Street, 12A
 New York, NY 10018
 TEL: 212 759 6452 FAX: 212 759 6540

No.	DESCRIPTION	DATE
1	CONSTRUCTION DOCUMENTS	06-01-2015
2	CD PROGRESS ISSUE 5	08-10-2015
3	DOB AMENDMENT 2	09-18-2015

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CONSULTANT:

WSP
 228 East 45th Street
 New York, NY 10017
 (212) 697-8885
 www.wspgroup.com/usa

PROJECT:

217 WEST 57TH STREET
 NEW YORK, NY

DRAWING TITLE:

20TH FLOOR - GENERAL ARRANGEMENT PLAN

SEAL & SIGNATURE

DATE: 06-01-2015

PROJECT No: 2012185

DRAWN: CADDO

CHK: YE

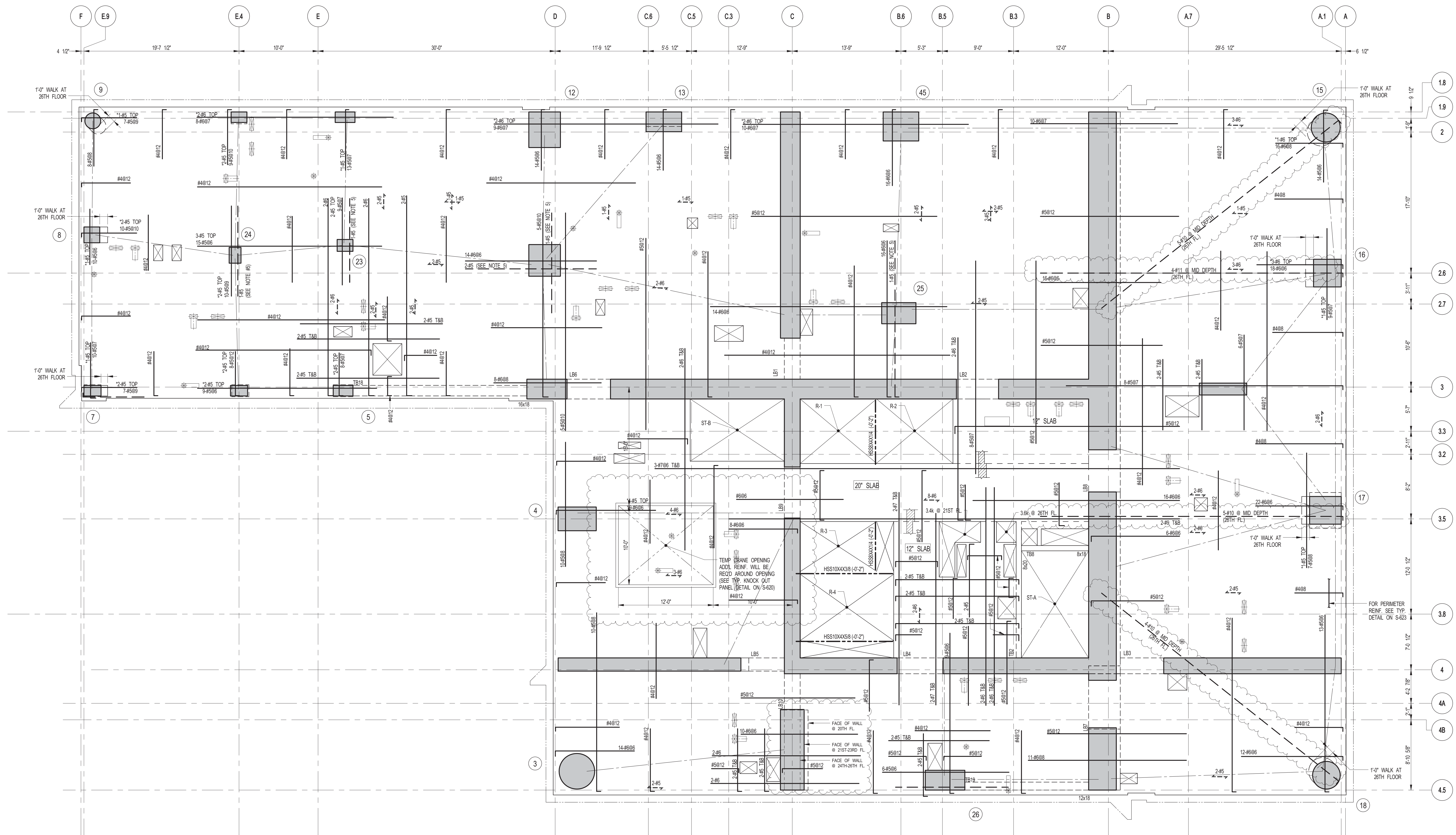
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DWG No: **S-226.01**

DOB PAGE No: 60 OF 158

DOB EMPLOYEE STAMP:

DOB B-SCAN:

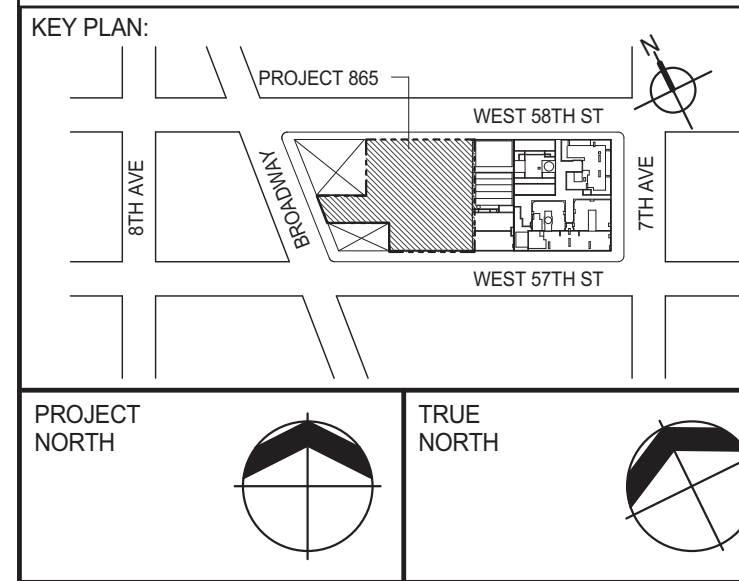


1 21ST-26TH FLOOR FRAMING PLAN

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

NOTES:

1. SLAB ELEVATION TO BE 21ST FLOOR: 431'-3" U.O.N.
22ND FLOOR: 443'-1" U.O.N.
23RD FLOOR: 454'-11" U.O.N.
24TH FLOOR: 469'-9" U.O.N.
25TH FLOOR: 478'-7" U.O.N.
26TH FLOOR: 490'-5" U.O.N.
2. SLAB TO BE 9" THICK MIN. U.O.N. ON PLAN.
3. BOTTOM SLAB REINFORCEMENT TO BE:
#4@12 CONT. E.W. FOR 9" SLAB U.O.N.
#4@12 CONT. E.W. FOR 12" SLAB U.O.N.
#4@12 CONT. E.W. FOR 20" SLAB U.O.N.
4. FOR DIMENSIONS OF REINFORCEMENT SEE S-201.
5. FOR STRUCTURE INTEGRITY REIN. ADD. INFORMATION SEE DRAWING S-201.



PROJECT NORTH

TRUE NORTH

DEVELOPER: **EXTELL DEVELOPMENT COMPANY**
805 THIRD AVENUE, 7TH FLOOR
NEW YORK, NY 10022 USA
TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT: **ADRIAN SMITH + GORDON GILL ARCHITECTURE**
111 WEST MONROE STREET SUITE 2300
CHICAGO, IL 60603
TEL: 312 920 1888 FAX: 312 920 1775

INTERIOR DESIGNER: **Rotter Architecture and Design Studio, PLLC**
208 Fifth Ave., 3rd Floor
New York, NY 10001
TEL: 646 989 7000 FAX: 212 479 7150

ARCHITECT OF RECORD: **AAI ARCHITECTS, P.C.**
401 Westchester St., 3rd Floor
Toronto, ON M5V 1E7 Canada
TEL: 416 967 1500 FAX: 416 967 7150

STRUCTURAL ENGINEERS: **WSP**
228 East 45th Street
New York, NY 10017 USA
TEL: 212 687 8888 FAX: 646 487 5501

MEP ENGINEERS: **AKF GROUP**
1501 Broadway
New York, NY 10036 USA
TEL: 212 354 5656 FAX: 212 354 5668

GEOTECHNICAL ENGINEERS: **Langan Engineering & Environmental Services**
21 Penn Plaza, 360 West 51st Street, 8th Floor
New York, NY 10001-2727
TEL: 212 479 5400 FAX: 212 479 5444

CODE CONSULTANTS: **Construction Consulting Associates**
100 Church Street
New York, NY 10007
TEL: 212 385 1515 FAX: 212 385 1911

CURTAINWALL CONSULTANT: **AJLP Consulting**
40 Worth Street, Suite 826
New York, NY 10013
TEL: 212 757 6559 FAX: 646 219 8508

LANDMARK/PRESERVATION CONSULTANT: **Jan Hird Pokorny Associates, Inc.**
39 West 37th Street, 12A
New York, NY 10018
TEL: 212 759 6452 FAX: 212 759 6540

No.	DESCRIPTION	DATE
1	SCHEMATIC DESIGN	03-31-2014
2	ISSUED FOR SCHEMATIC DESIGN	04-04-2014
3	SUPERSTRUCTURE CONCRETE BID	06-02-2014
4	DESIGN DEVELOPMENT	07-01-2014
5	ISSUED FOR DESIGN DEVELOPMENT	07-31-2014
6	CD PROGRESS ISSUE 1	10-15-2014
7	DOB SUBMISSION	12-19-2014
8	CONSTRUCTION DOCUMENTS ISSUE 3	03-09-2015
9	PROGRESS CD	05-08-2015
10	CONSTRUCTION DOCUMENTS ISSUE 4	06-01-2015
11	CD PROGRESS ISSUE 5	08-10-2015
12	DOB AMENDMENT 2	09-18-2015

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CONSULTANT: **WSP**
228 East 45th Street
New York, NY 10017
(212) 687-8888
www.wspgroup.com/usa

PROJECT: **217 WEST 57TH STREET
NEW YORK, NY**

DRAWING TITLE: **21TH-26TH FLOORS - FRAMING PLAN**

SEAL & SIGNATURE:

DATE: 03-31-2014

PROJECT No: 2012185

DRAWN: CADDO

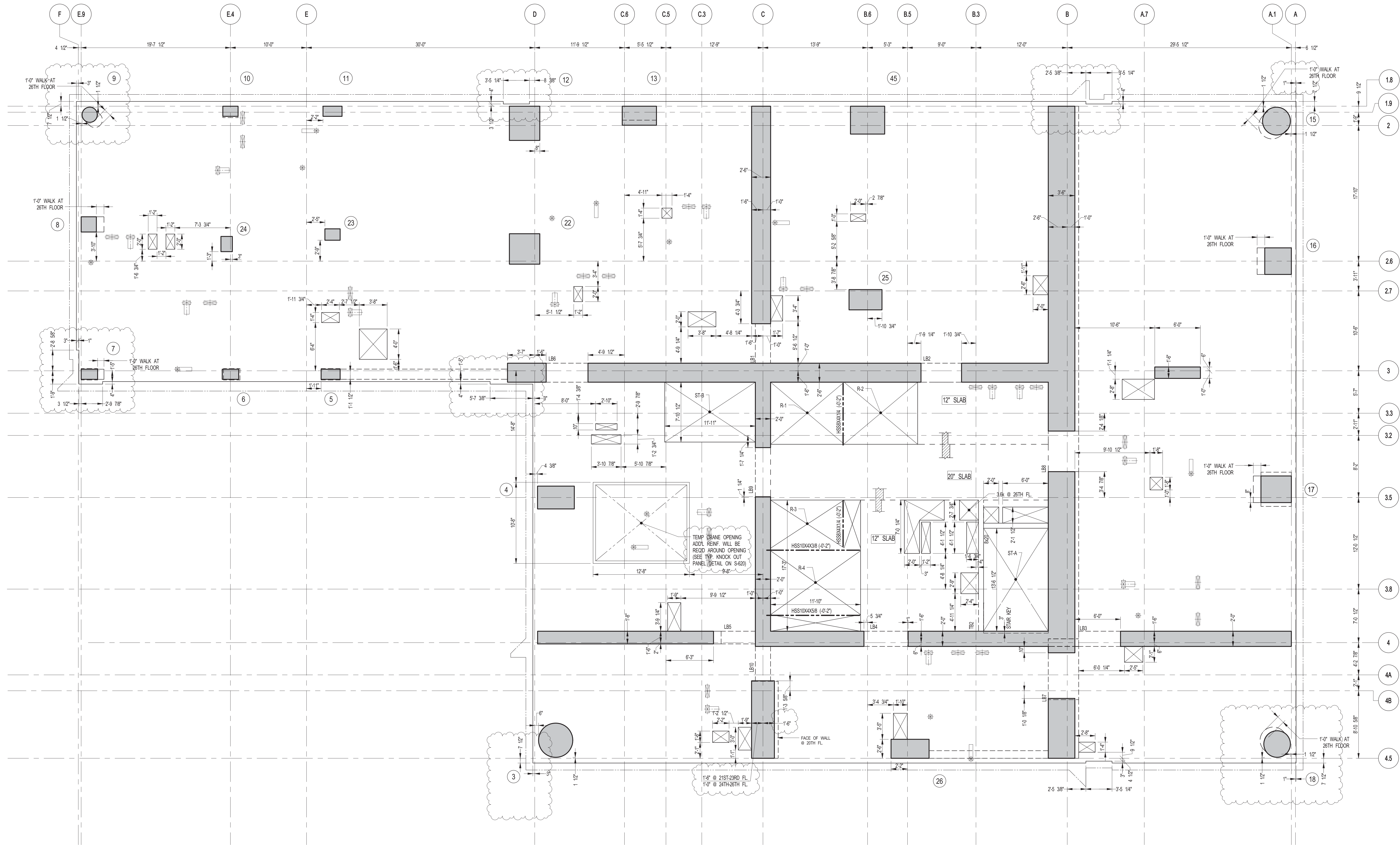
CHK: YE

SCALE: As indicated

DWG No: **S-230.01**

DOB PAGE No: 61 OF 158

DOB B-SCAN:



1 21ST-26TH FLOOR GENERAL ARRANGEMENT PLAN
S-231 SCALE: 3/16" = 1'-0"
NOTES:
1. FOR SLAB INFORMATION SEE CORRESPONDING FRAMING PLAN.

KEY PLAN:
PROJECT #15
WEST 57TH ST
7TH AVE
WEST 57TH ST
7TH AVE

PROJECT NORTH
TRUE NORTH

DEVELOPER:
EXTELL DEVELOPMENT COMPANY
805 THIRD AVENUE, 7TH FLOOR
NEW YORK, NY 10022 USA
TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT: Base Building Shell & Core
ADRIAN SMITH + GORDON GILL ARCHITECTURE
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CHICAGO, IL 60603
TEL: 312 921 1888 FAX: 312 921 1775

INTERIOR DESIGNER: Residential
Rottet Architecture and Design Studio, PLLC
288 Fifth Ave., 7th Floor
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TEL: 646 988 7000 FAX: 646 487 5501

ARCHITECT OF RECORD: Base Building Shell, Core, & Residential
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TEL: 212 354 5656 FAX: 212 354 5668

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Langan Engineering & Environmental Services
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New York, NY 10018-2722
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AJLP Consulting
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New York, NY 10013
TEL: 212 757 6559 FAX: 646 219 8508

LANDMARK/PRESERVATION CONSULTANT:
Jan Hird Pokorny Associates, Inc.
39 West 37th Street, 12A
New York, NY 10018
TEL: 212 759 6452 FAX: 212 759 6540

No.	DESCRIPTION	DATE
1	CONSTRUCTION DOCUMENTS	06-01-2015
2	CD PROGRESS ISSUE 5	08-10-2015
3	DOB AMENDMENT 2	09-18-2015

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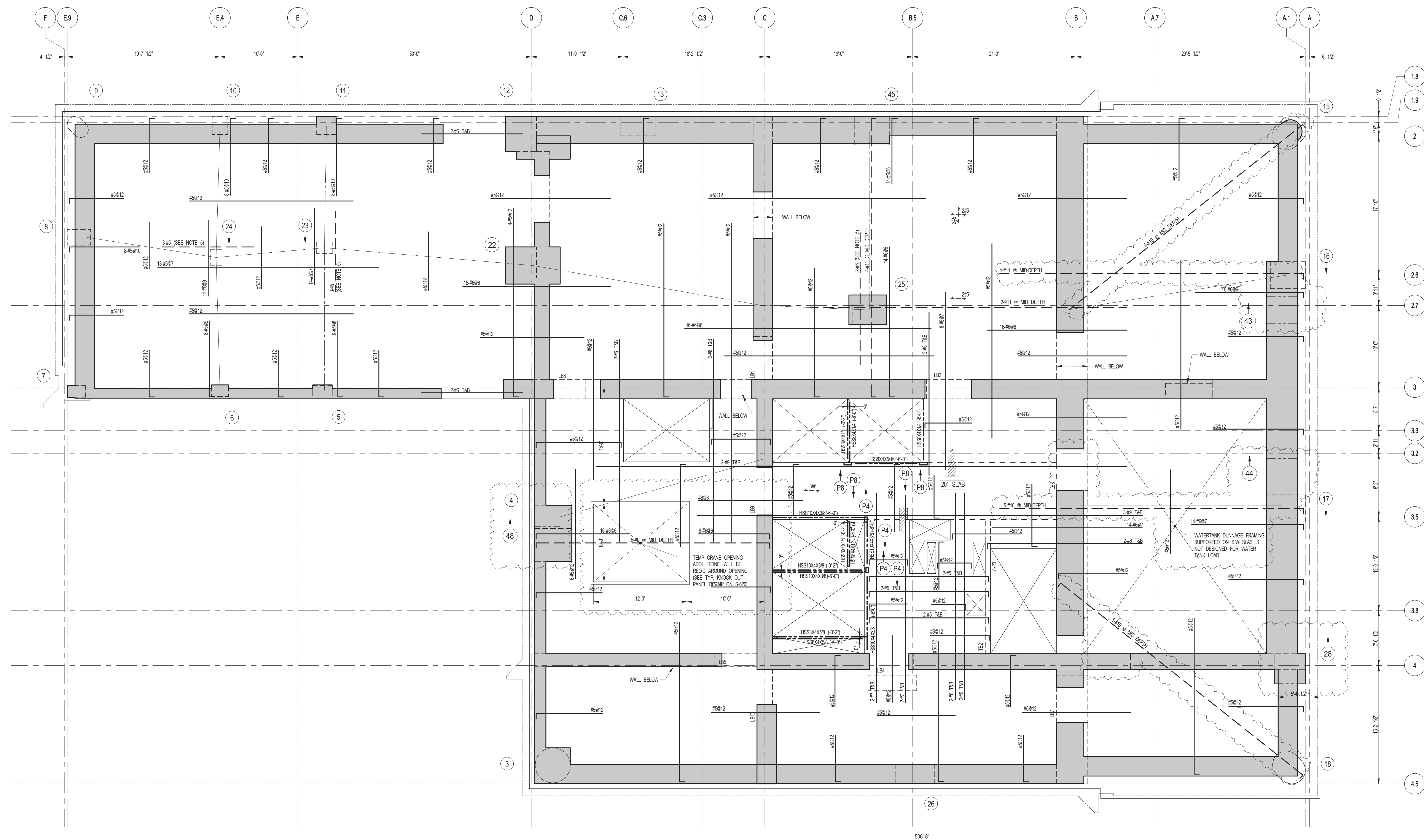
ALL DIMENSIONS ARE SHOWN IN IMPERIAL.

CONSULTANT:
WSP
228 East 45th Street
New York, NY 10017
(212) 697-8865
www.wspgroup.com/usa

PROJECT:
217 WEST 57TH STREET
NEW YORK, NY

DRAWING TITLE:
21TH-26TH FLOORS - GENERAL ARRANGEMENT PLAN


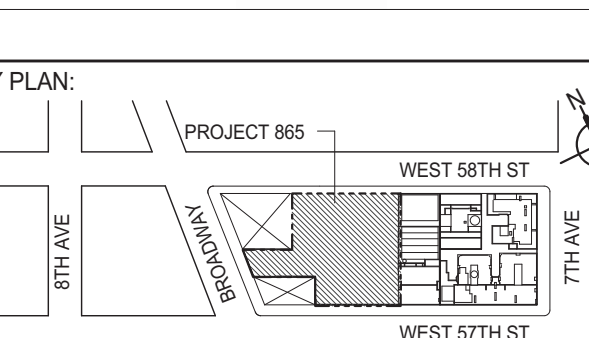




SEAL & SIGNATURE
DATE: 06-01-2015
PROJECT No: 2012185
DRAWN: CADOD
CHK: YE
SCALE: As indicated
DVG No: **S-231.01**
DOB PAGE No: 62 OF 158
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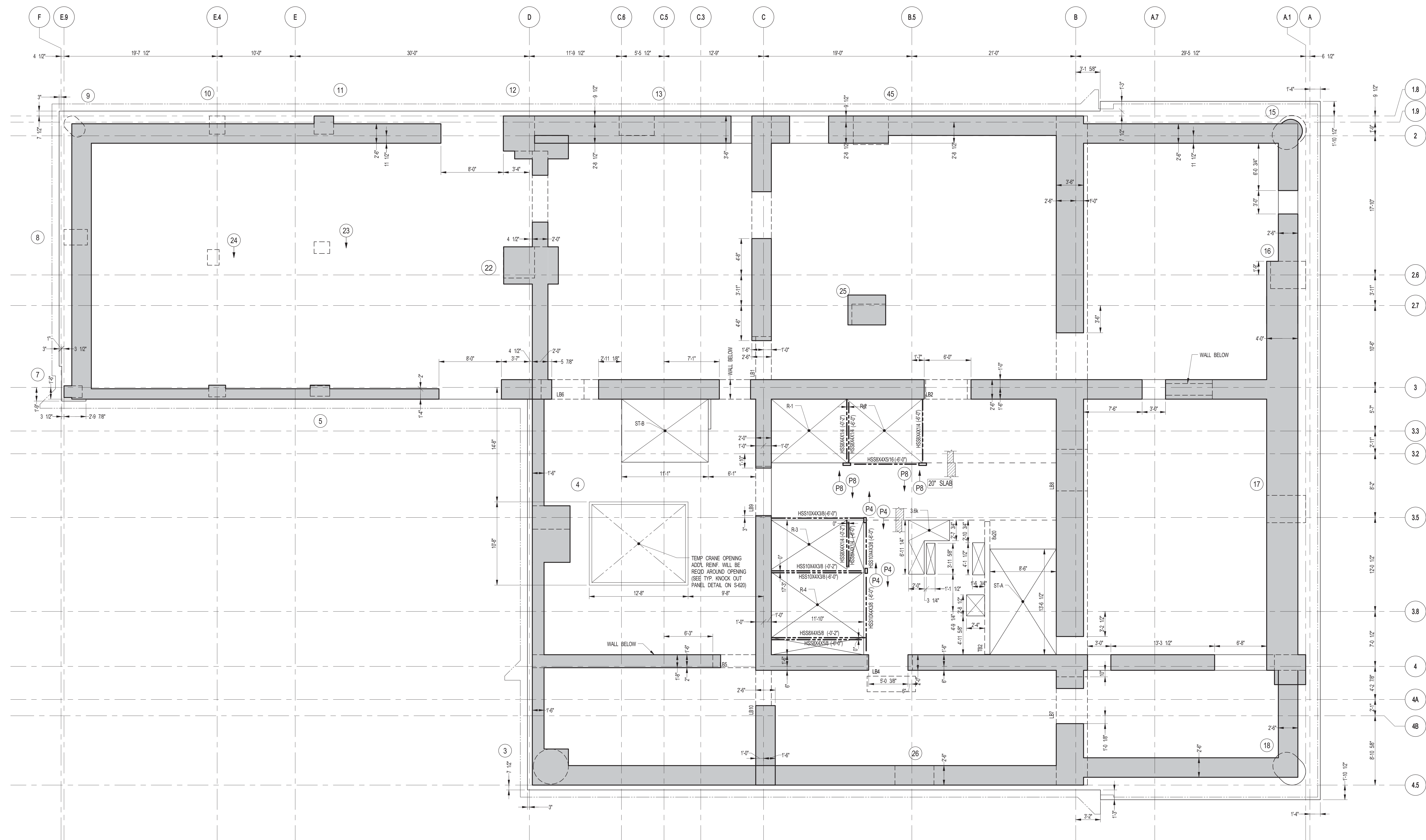


1 27TH FLOOR (MEP) FRAMING MEP
S-235 SCALE: 3/16" = 1'-0"

NOTES:

1. T/SLAB ELEVATION TO BE EL. XXXX U.O.N.
2. SLAB TO BE 12" THICK MIN. U.O.N. ON PLAN.
3. BOTTOM SLAB REINFORCING TO BE #5@12 CONT. E.W. U.O.N. FOR 12" SLAB
#8@12 E.W. CONT. FOR 20" SLAB.
4. FOR BALANCE OF NOTES SEE DRAWING S-001.
5. FOR STRUCTURE INTEGRITY REINF. ADDL. INFORMATION SEE DRAWING S-021.

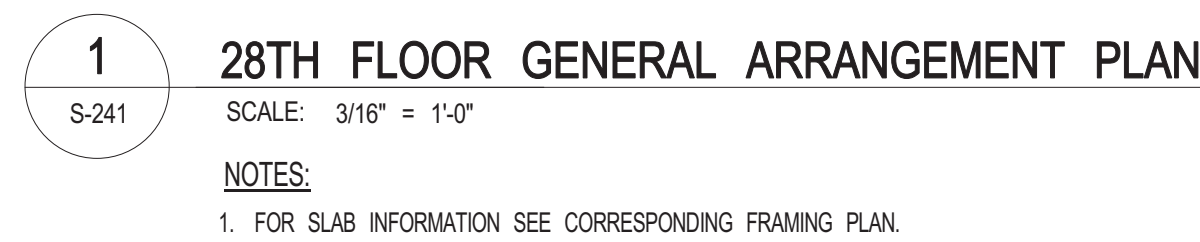
		
KEY PLAN: 		
PROJECT NORTH 		
TRUE NORTH 		
DEVELOPER: EXTELLE DEVELOPMENT COMPANY 805 THIRD AVENUE, 7TH FLOOR New York, NY 10022 USA TEL: 212 712 6000 FAX: 212 712 6100		
DESIGN ARCHITECT: Base Building Shell & Core ADRIAN SMITH + GORDON GILL ARCHITECTURE 111 WEST MONROIE STREET SUITE 2300 CHICAGO IL 60663 TEL: 312 920 1888 FAX: 312 920 1775		
INTERIOR DESIGNER: Residential Rotter Architecture and Design Studio, PLLC 258 Fifth Ave, 7th Floor New York, NY 10001 TEL: 646 988 7000 FAX: _____		
ARCHITECT OF RECORD: Base Building Shell, Core, & Residential A&J Architects, P.C. 401 Wellington St. W., 3rd Floor Toronto, ON M5V 1E7 Canada TEL: 416 967 1500 FAX: 416 967 7150		
STRUCTURAL ENGINEERS: WSP 228 East 45th Street New York, NY 10017 USA TEL: 212 687 9668 FAX: 646 467 5501		
MEP ENGINEERS: AKF GROUP 1501 Broadway New York, NY 10036 USA TEL: 212 354 5656 FAX: 212 354 5668		
GEOTECHNICAL ENGINEERS: Langan Engineering & Environmental Services 21 Penn Plaza, 30 West 31st Street, 8th Floor New York, NY 10007-2727 TEL: 212 479 5400 FAX: 212 478 5444		
CODE CONSULTANTS: Construction Consulting Associates 100 Church Street New York, NY 10007 TEL: 212 385 1818 FAX: 212 385 1811		
CURTAINWALL CONSULTANT: AJLP Consulting 40 Worth Street, Suite B28 New York, NY 10013 TEL: 212 787 5699 FAX: 646 219 8908		
LANDMARK/PRESERVATION CONSULTANT: Jan Hird Pokorny Associates, Inc. 39 West 37th Street, 12A New York, NY 10018 TEL: 212 759 6462 FAX: 212 759 6540		
No.	DESCRIPTION	DATE
1	SCHEMATIC DESIGN	03-31-2014
2	ISSUED FOR SCHEMATIC DESIGN	04-04-2014
3	SUPERSTRUCTURE CONCRETE BID	06-02-2014
4	DESIGN DEVELOPMENT	07-01-2014
5	ISSUED FOR DESIGN DEVELOPMENT	07-31-2014
6	CD PROGRESS ISSUE 1	10-15-2014
7	DOB SUBMISSION	12-19-2014
8	CONSTRUCTION DOCUMENTS ISSUE 3	03-09-2015
9	PROGRESS CD	05-08-2015
10	CONSTRUCTION DOCUMENTS ISSUE 4	06-01-2015
11	CD PROGRESS ISSUE 5	08-10-2015
12	DOB AMENDMENT 2	09-18-2015
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ALL DIMENSIONS ARE SHOWN IN IMPERIAL.		
CONSULTANT:  WSP 228 East 45th Street New York, NY 10017 (212) 687-9668 www.wsp-usa.com/usa		
PROJECT: 217 WEST 57TH STREET NEW YORK, NY		
DRAWING TITLE: 27TH FLOOR (MEP) - FRAMING PLAN		
SEAL & SIGNATURE 		
DATE: 03-31-2014 PROJECT No: 2072188 DRAWN: CAD CHK: YE SCALE: As indicated DWG No: S-235.01		REV: 12
DOB PAGE No: 63 OF 158		DOB B-SCAN:
DOB EMPLOYER STAMP:		



1 **27TH FLOOR (MEP) GENERAL ARRANGEMENT PLAN**
 S-236 SCALE: 3/16" = 1'-0"
NOTES:
 1. FOR SLAB INFORMATION SEE CORRESPONDING FRAMING PLAN.

NOTES:

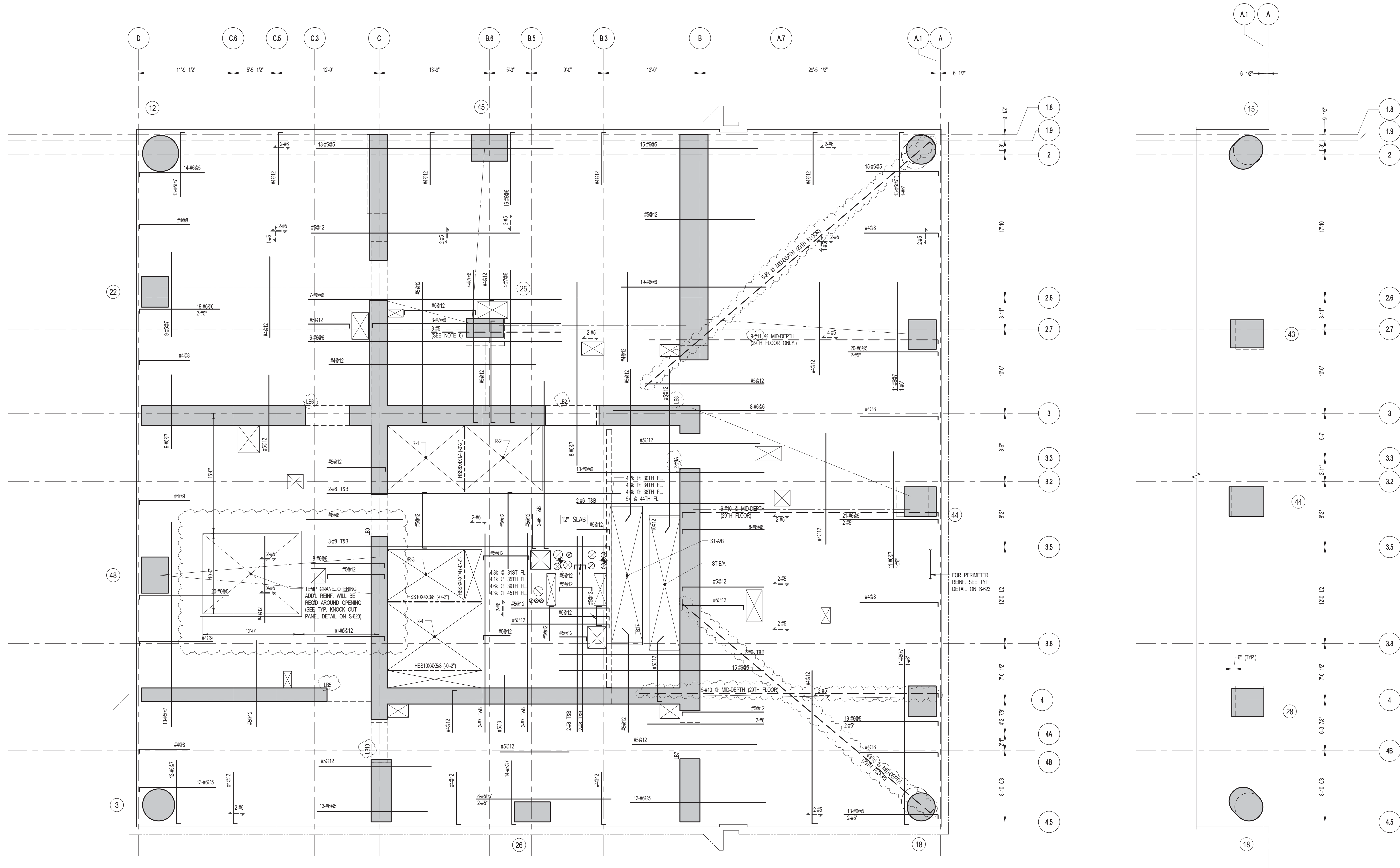
1. FOR SLAB INFORMATION SEE CORRESPONDING FRAMING PLAN



No.	DESCRIPTION	DATE
1	CONSTRUCTION DOCUMENTS ISSUE 4	06-01-2015
2	CD PROGRESS ISSUE 5	08-10-2015
3	DOB AMENDMENT 2	09-18-2015

DOB PAGE No: 66 OF 158	
DOB EMPLOYEE STAMP:	DOB B-SCAN:





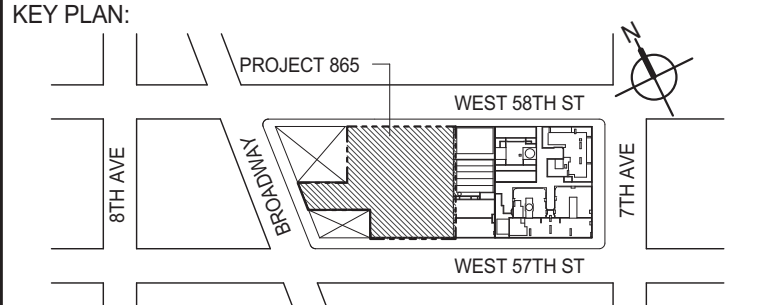
1 29TH-45TH FLOOR FRAMING PLAN
 SCALE: 3/16" = 1'-0"

NOTES:

1. SLAB ELEVATION TO BE: 29TH FLOOR 546'-0" U.O.N.
 30TH FLOOR 556'-3" U.O.N.
 31ST FLOOR 570'-1" U.O.N.
 32ND FLOOR 581'-11" U.O.N.
 33RD FLOOR 593'-9" U.O.N.
 34RD FLOOR 605'-7" U.O.N.
 35TH FLOOR 617'-5" U.O.N.
 36TH FLOOR 629'-3" U.O.N.
 37TH FLOOR 641'-1" U.O.N.
 38TH FLOOR 652'-11" U.O.N.
 39TH FLOOR 664'-9" U.O.N.
 40TH FLOOR 676'-7" U.O.N.
 41ST FLOOR 688'-5" U.O.N.
 42ND FLOOR 700'-3" U.O.N.
 43RD FLOOR 712'-1" U.O.N.
 44TH FLOOR 723'-11" U.O.N.
 45TH FLOOR 735'-9" U.O.N.

2. SLAB TO BE 9" THICK MIN. U.O.N. ON PLAN
3. BOTTOM SLAB REINFORCEMENT TO BE #4@12 CONT. E.W. FOR 9" SLAB U.O.N.
4. FOR BALANCE OF NOTES SEE DRAWING 5-01.
5. FOR STRUCTURE INTEGRITY REIN. ADD. INFORMATION SEE 5-02.

2 PART PLAN AT 45TH FLOOR WALKING COLUMNS
 SCALE: 3/16" = 1'-0"



DEVELOPER: **EXTELL DEVELOPMENT COMPANY**
 805 THIRD AVENUE, 7TH FLOOR
 NEW YORK, NY 10022 USA
 TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT: **Base Building Shell & Core**
ADRIAN SMITH + GORDON GILL ARCHITECTURE
 111 WEST MONROE STREET SUITE 2300
 CHICAGO, IL 60603
 TEL: 312 920 1888 FAX: 312 920 1775

INTERIOR DESIGNER: **Residential**
Rotet Architecture and Design Studio, PLLC
 208 Fifth Ave, 7th Floor
 New York, NY 10001
 TEL: 646 989 7000 FAX:

ARCHITECT OF RECORD: **Base Building Shell, Core, & Residential**
AJL ARCHITECTS, P.C.
 401 Wellington St. W., 3rd Floor
 Toronto, ON M5V 1E7 Canada
 TEL: 416 967 1500 FAX: 416 967 7150

STRUCTURAL ENGINEERS: **WSP**
 228 East 45th Street
 New York, NY 10017 USA
 TEL: 212 687 8885 FAX: 646 487 5501

MEP ENGINEERS: **AKF GROUP**
 1501 Broadway
 New York, NY 10036 USA
 TEL: 212 354 5656 FAX: 212 354 5668

GEOTECHNICAL ENGINEERS: **Langan Engineering & Environmental Services**
 21 Penn Plaza - 360 West 51st Street, 8th Floor
 New York, NY 10001-2727
 TEL: 212 479 5400 FAX: 212 479 5444

CODE CONSULTANTS: **Construction Consulting Associates**
 100 Church Street
 New York, NY 10007
 TEL: 212 385 1812 FAX: 212 385 1911

CURTAINWALL CONSULTANT: **AJLP Consulting**
 40 Worth Street, Suite 826
 New York, NY 10013
 TEL: 212 757 6559 FAX: 646 219 8508

LANDMARK/PRESERVATION CONSULTANT: **Jan Hird Pokorny Associates, Inc.**
 39 West 57th Street, 12A
 New York, NY 10019
 TEL: 212 759 6452 FAX: 212 759 6540

No.	DESCRIPTION	DATE
1	SUPERSTRUCTURE CONCRETE BID	06-02-2014
2	DESIGN DEVELOPMENT	07-01-2014
3	ISSUED FOR DESIGN DEVELOPMENT	07-31-2014
4	CD PROGRESS ISSUE 1	10-15-2014
5	DOB SUBMISSION ISSUE 3	12-19-2014
6	CONSTRUCTION DOCUMENTS	03-09-2015
7	PROGRESS CD	05-08-2015
8	CONSTRUCTION DOCUMENTS ISSUE 4	06-01-2015
9	CD PROGRESS ISSUE 5	08-10-2015
10	DOB AMENDMENT 2	09-18-2015

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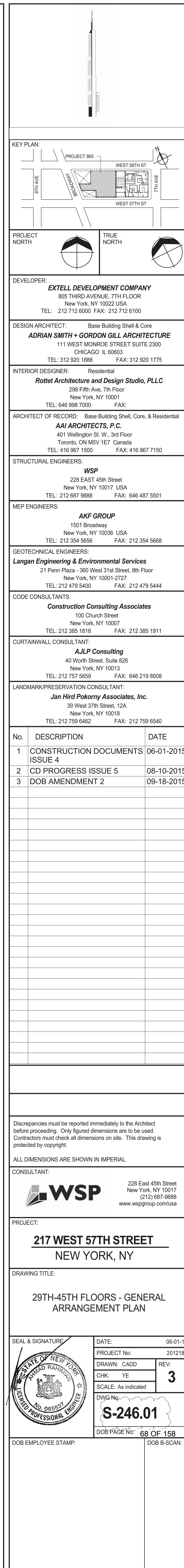
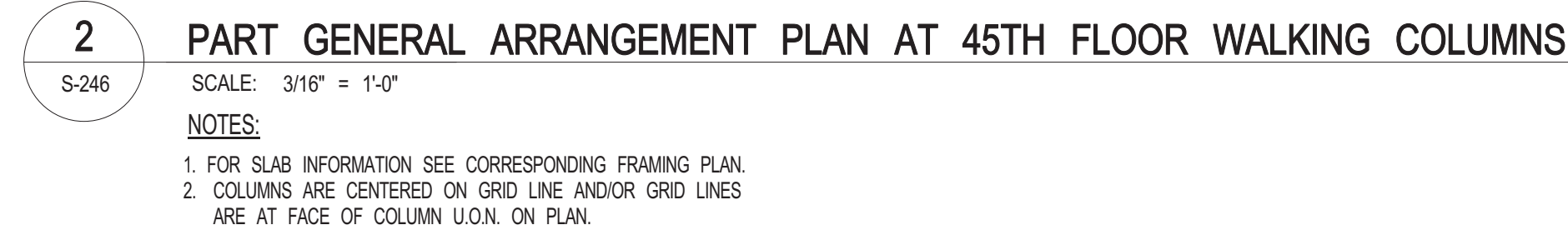
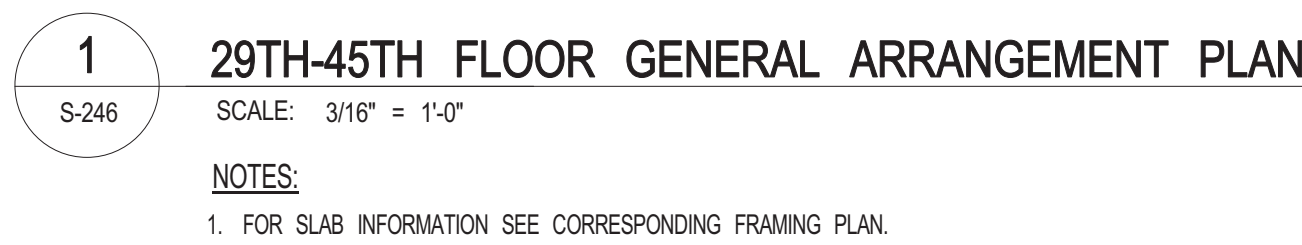
ALL DIMENSIONS ARE SHOWN IN IMPERIAL.

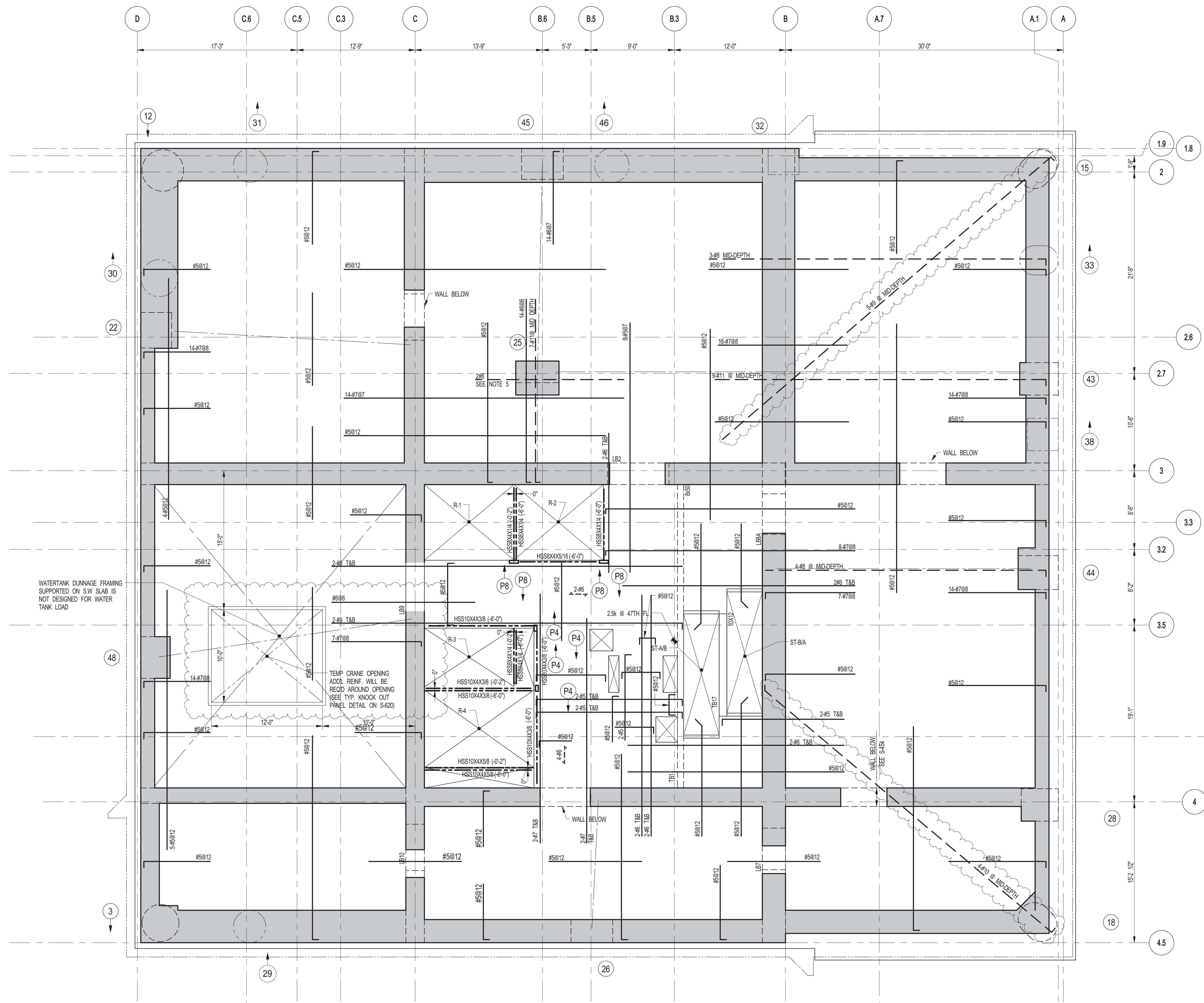
CONSULTANT: **WSP**
 228 East 45th Street
 New York, NY 10017
 (212) 687-8885
 www.wspgroup.com/usa

PROJECT: **217 WEST 57TH STREET**
 NEW YORK, NY

DRAWING TITLE: **29TH-45TH FLOORS - FRAMING PLAN**

SEAL & SIGNATURE	DATE: 06-02-2014
	PROJECT No: 2012185
	DRAWN: CADDO
	CHK: YE
	SCALE: As Indicated
DWG No:	S-245.01
DOB PAGE No: 67 OF 158	DOB B-SCAN:





1 46TH FLOOR MEP FRAMING PLAN
SCALE: 3/16" = 1'-0"
NOTES:
1. TS/LAB ELEVATION TO BE 752'-0" U.O.N.
2. SLAB TO BE 12" THICK MIN. U.O.N. ON PLAN.
3. BOTTOM SLAB REINFORCING TO BE #5@12" CONT. E-W. U.O.N.
4. FOR BALANCE OF NOTES SEE DRAWING S-01.
5. FOR STRUCTURE INTEGRITY REINF. ADD. INFORMATION SEE DRAWING S-01.

KEY PLAN

PROJECT NORTH

TRUE NORTH

DEVELOPER:
EXTELL DEVELOPMENT COMPANY
805 THIRD AVENUE, 7TH FLOOR
NEW YORK, NY 10022 USA
TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT: Base Building Shell & Core
ADRIAN SMITH + GORDON GILL ARCHITECTURE
111 WEST MONROE STREET SUITE 2300
CHICAGO, IL 60603
TEL: 312 920 1888 FAX: 312 920 1775

INTERIOR DESIGNER: Residential
Rotter Architecture and Design Studio, PLLC
208 Fifth Ave, 7th Floor
New York, NY 10001
TEL: 646 988 7000 FAX:

ARCHITECT OF RECORD: Base Building Shell, Core, & Residential
AJA ARCHITECTS, P.C.
401 Wellington St. W., 3rd Floor
Toronto, ON M5V 1E7 Canada
TEL: 416 967 1500 FAX: 416 967 7150

STRUCTURAL ENGINEERS:
WSP
228 EAST 45th Street
New York, NY 10017 USA
TEL: 212 687 8885 FAX: 646 487 5501

MEP ENGINEERS:
AKF GROUP
1501 Broadway
New York, NY 10036 USA
TEL: 212 354 5656 FAX: 212 354 5668

GEOTECHNICAL ENGINEERS:
Langan Engineering & Environmental Services
21 Penn Plaza - 360 West 31st Street, 8th Floor
New York, NY 10001-2727
TEL: 212 479 5400 FAX: 212 479 5444

CODE CONSULTANTS:
Construction Consulting Associates
100 Church Street
New York, NY 10007
TEL: 212 385 1515 FAX: 212 385 1911

CURTAINWALL CONSULTANT:
AJLP Consulting
40 Worth Street, Suite 826
New York, NY 10013
TEL: 212 757 6559 FAX: 646 219 8508

LANDMARK/PRESERVATION CONSULTANT:
Jan Hird Pokorny Associates, Inc.
39 West 37th Street, 12A
New York, NY 10018
TEL: 212 759 6452 FAX: 212 759 6540

No.	DESCRIPTION	DATE
1	SCHEMATIC DESIGN	03-31-2014
2	ISSUED FOR SCHEMATIC DESIGN	04-04-2014
3	SUPERSTRUCTURE CONCRETE BID	06-02-2014
4	DESIGN DEVELOPMENT	07-01-2014
5	ISSUED FOR DESIGN DEVELOPMENT	07-31-2014
6	CD PROGRESS ISSUE 1	10-15-2014
7	DOB SUBMISSION	12-19-2014
8	CONSTRUCTION DOCUMENTS ISSUE 3	03-09-2015
9	PROGRESS CD	05-08-2015
10	CONSTRUCTION DOCUMENTS ISSUE 4	06-01-2015
11	CD PROGRESS ISSUE 5	08-10-2015
12	DOB AMENDMENT 2	09-18-2015

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CONSULTANT:
WSP
228 East 45th Street
New York, NY 10017
(212) 687-8885
www.wspgroup.com/usa

PROJECT:
**217 WEST 57TH STREET
NEW YORK, NY**

DRAWING TITLE:
46TH FLOOR (MEP) - FRAMING PLAN

SEAL & SIGNATURE

DATE: 03-31-2014

PROJECT No: 2012185

DRAWN: CADDO

CHK: YE

SCALE: As indicated

DWG No: **S-250.01**

DOB PAGE No: 69 OF 158

DOB EMPLOYEE STAMP:

REV: **12**

DOB B-S-CAN:



NOTES:

1. FOR SLAB INFORMATION SEE CORRESPONDING FRAMING PLAN

PROJECT
NORTH

805 THIRD AVENUE, 7TH FLOOR
New York, NY 10022 USA
TEL: 212 712 6000 FAX: 212 712 6100

ADRIAN SMITH + GORDON GILL ARCHITECTURE
111 WEST MONROE STREET SUITE 2300
CHICAGO IL 60603
TEL: 312 920 1888 FAX: 312 920 1775

Rottet Architecture and Design Studio, P.A.
298 Fifth Ave., 7th Floor
New York, NY 10001
TEL: 646 998 7000 FAX:

AAI ARCHITECTS, P.C.
401 Wellington St. W., 3rd Floor
Toronto, ON M5V 1E7 Canada
TEL: 416 967 1500 FAX: 416 967 7150

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1501 Broadway
New York, NY 10036 USA
TEL: 212 354 5656 FAX: 212 354

Langan Engineering & Environmental Services
21 Penn Plaza - 360 West 31st Street, 8th Floor
New York, NY 10001-2727
TEL: 212 479 5400 FAX: 212 479

Construction Consulting Associates
100 Church Street
New York, NY 10007
TEL: 212 385 1818 FAX: 212 385

AJLP Consulting
40 Worth Street, Suite 828
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TEL: 212 757 5659 FAX: 646 219

Jan Hird Pokorny Associates, Inc.
39 West 37th Street, 12A
New York, NY 10018
TEL: 212 759 6462 FAX: 212 759

[illegible]

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CONSULTANT

CONSULTANT:

 **WSP**

228 East 45th Street
New York, NY 10017
(212) 687-9888
www.wspgroup.com/usa

PROJECT

217 WEST 57TH STREET
NEW YORK, NY

DRAWING TITLE

46TH FLOOR (MEP) - GENERAL
ARRANGEMENT PLAN

SEAL & SIGNATURE



PROJECT No:	2012185
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DRAWN: CADD	REV:
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CHK: YE	2
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SCALE: As indicated

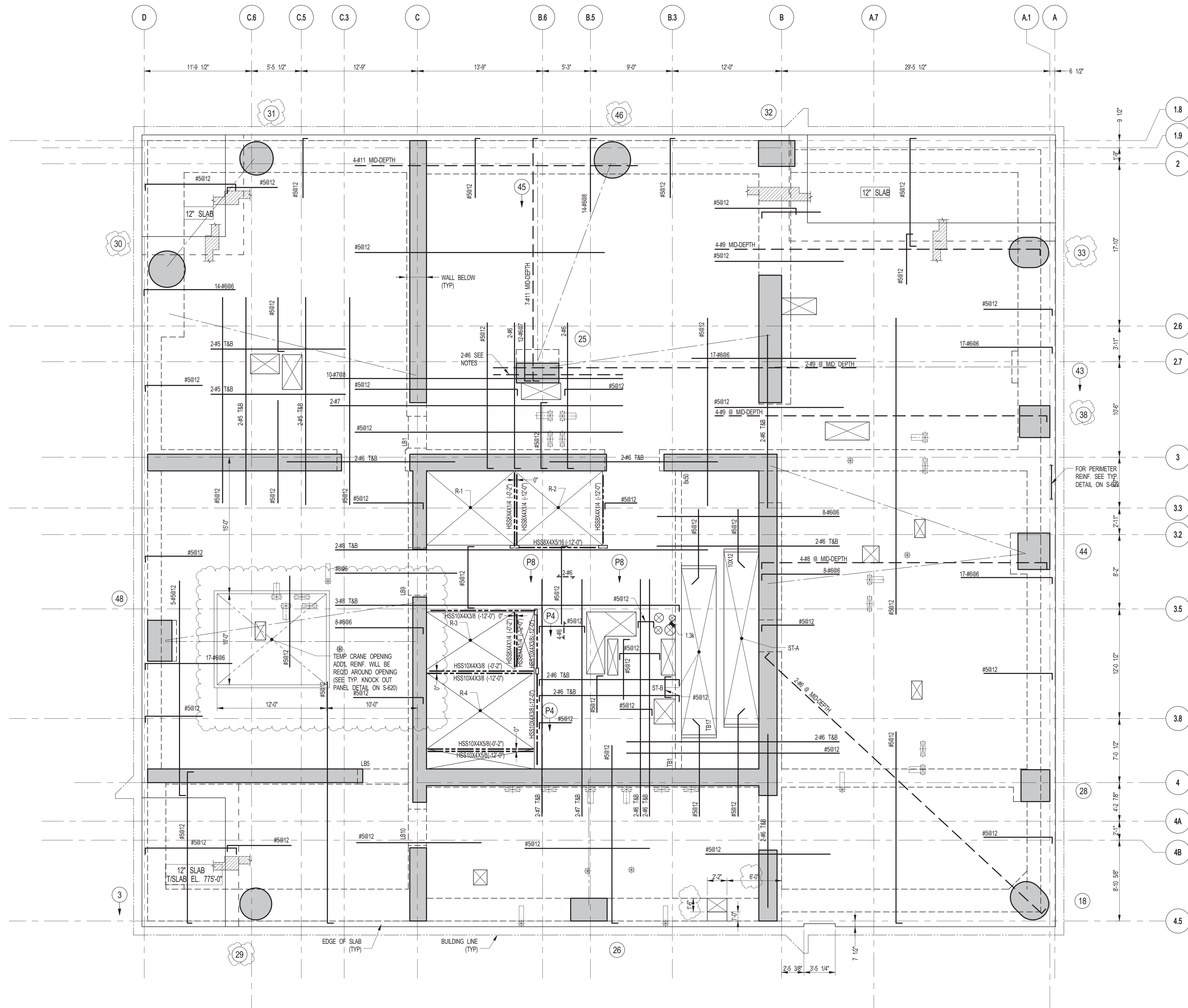
DWG No. _____

S 251.01

S-251.01

DOB PAGE No: 70 OF 158

B B-SCAN:



1 47TH FLOOR FRAMING PLAN

SCALE: 3/16" = 1'-0"
NOTES:
1. TISLAB ELEVATION TO BE 775'-0" U.O.N.
2. SLAB TO BE 12" THICK MIN. U.O.N. ON PLAN.
3. BOTTOM SLAB REINFORCING TO BE #5@12" CONT. E.W. U.O.N.
4. FOR BALANCE OF NOTES SEE DRAWING S-251.
5. FOR STRUCTURE INTEGRITY REINF. ADD. INFORMATION SEE DRAWING S-421.

KEY PLAN

PROJECT NORTH

TRUE NORTH

DEVELOPER:
EXTELL DEVELOPMENT COMPANY
805 THIRD AVENUE, 7TH FLOOR
NEW YORK, NY 10022 USA
TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT:
Base Building Shell & Core
ADRIAN SMITH + GORDON GILL ARCHITECTURE
111 WEST MONROE STREET SUITE 2300
CHICAGO, IL 60603
TEL: 312 920 1888 FAX: 312 920 1775

INTERIOR DESIGNER:
Residential
Rottet Architecture and Design Studio, PLLC
208 Fifth Ave., 7th Floor
New York, NY 10001
TEL: 646 998 7000 FAX:

ARCHITECT OF RECORD:
Base Building Shell, Core, & Residential
AJA ARCHITECTS, P.C.
401 Westchester St. W., 3rd Floor
Toronto, ON M5V 1E7 Canada
TEL: 416 967 1500 FAX: 416 967 7150

STRUCTURAL ENGINEERS:
WSP
228 East 45th Street
New York, NY 10017 USA
TEL: 212 687 9885 FAX: 646 487 5501

MEP ENGINEERS:
AKF GROUP
1501 Broadway
New York, NY 10036 USA
TEL: 212 354 5656 FAX: 212 354 5668

GEOTECHNICAL ENGINEERS:
Langan Engineering & Environmental Services
21 Penn Plaza - 360 West 31st Street, 8th Floor
New York, NY 10001-2727
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CODE CONSULTANTS:
Construction Consulting Associates
100 Church Street
New York, NY 10007
TEL: 212 385 1918 FAX: 212 385 1911

CURTAINWALL CONSULTANT:
AJLP Consulting
40 Worth Street, Suite 826
New York, NY 10013
TEL: 212 757 6559 FAX: 646 219 8508

LANDMARK/PRESERVATION CONSULTANT:
Jan Hird Pokorny Associates, Inc.
39 West 37th Street, 12A
New York, NY 10018
TEL: 212 759 6452 FAX: 212 759 6540

No.	DESCRIPTION	DATE
1	SCHEMATIC DESIGN	03-31-2014
2	ISSUED FOR SCHEMATIC DESIGN	04-04-2014
3	SUPERSTRUCTURE CONCRETE BID	06-02-2014
4	DESIGN DEVELOPMENT	07-01-2014
5	ISSUED FOR DESIGN DEVELOPMENT	07-31-2014
6	CD PROGRESS ISSUE 1	10-15-2014
7	ISSUED FOR CONSTRUCTION UP TO 7TH FLOOR ONLY	11-14-2014
8	DOB SUBMISSION	12-19-2014
9	CONSTRUCTION DOCUMENTS ISSUE 3	03-09-2015
10	PROGRESS CD	05-08-2015
11	CONSTRUCTION DOCUMENTS ISSUE 4	06-01-2015
12	CD PROGRESS ISSUE 5	08-10-2015
13	DOB AMENDMENT 2	09-18-2015

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CONSULTANT:

WSP
228 East 45th Street
New York, NY 10017
(212) 687-9885
www.wspgroup.com/usa

PROJECT:

217 WEST 57TH STREET
NEW YORK, NY

DRAWING TITLE:

47TH FLOOR - FRAMING PLAN

SEAL & SIGNATURE

WSP

DATE: 03-31-2014

PROJECT No: 2012185

DRAWN: CADOT

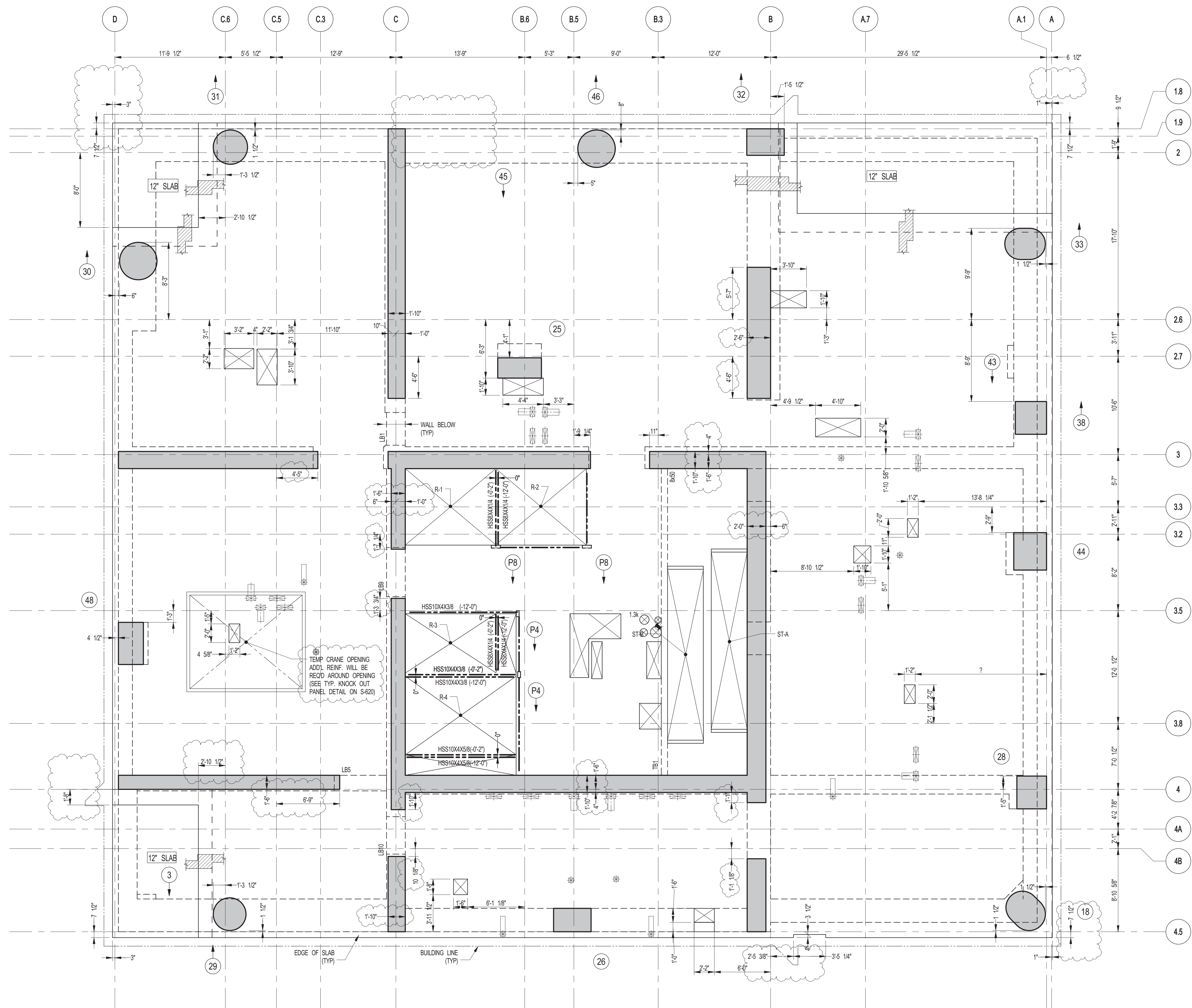
CHK: YE

SCALE: As indicated

DWG No: **S-255.01**

DOB PAGE No: 71 OF 158

DOB EMPLOYEE STAMP: DGB B-SOON



1 47TH FLOOR GENERAL ARRANGEMENT PLAN
S-256 SCALE: 3/16" = 1'-0"

NOTES:
1. FOR SLAB INFORMATION SEE CORRESPONDING FRAMING PLAN

KEY PLAN

PROJECT #01

TRUE NORTH

DEVELOPER:
EXTELL DEVELOPMENT COMPANY
805 THIRD AVENUE, 7TH FLOOR
NEW YORK, NY 10022 USA
TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT:
Base Building Shell & Core
ADRIAN SMITH + GORDON GILL ARCHITECTURE
111 WEST MONROE STREET SUITE 2300
CHICAGO, IL 60603
TEL: 312 920 1888 FAX: 312 920 1775

INTERIOR DESIGNER:
Residential
Rottet Architecture and Design Studio, PLLC
288 Fifth Ave, 7th Floor
New York, NY 10001
TEL: 646 989 7000 FAX:

ARCHITECT OF RECORD:
Base Building Shell, Core, & Residential
AJA ARCHITECTS, P.C.
401 Wellington St. W., 3rd Floor
Toronto, ON M5V 1E7 Canada
TEL: 416 967 1500 FAX: 416 967 7150

STRUCTURAL ENGINEERS:
WSP
228 EAST 45th STREET
NEW YORK, NY 10017 USA
TEL: 212 687 8885 FAX: 646 487 5501

MEP ENGINEERS:
AKF GROUP
1501 Broadway
New York, NY 10036 USA
TEL: 212 354 5656 FAX: 212 354 5668

GEOTECHNICAL ENGINEERS:
Langan Engineering & Environmental Services
21 Penn Plaza - 360 West 13th Street, 8th Floor
New York, NY 10001-2722
TEL: 212 479 5400 FAX: 212 479 5444

CODE CONSULTANTS:
Construction Consulting Associates
100 Church Street
New York, NY 10007
TEL: 212 385 1515 FAX: 212 385 1911

CURTAINWALL CONSULTANT:
AJLP Consulting
40 Worth Street, Suite 826
New York, NY 10013
TEL: 212 757 6559 FAX: 646 219 8508

LANDMARK/PRESERVATION CONSULTANT:
Jan Hird Pokorny Associates, Inc.
39 West 57th Street, 12A
New York, NY 10019
TEL: 212 759 6452 FAX: 212 759 6540

No.	DESCRIPTION	DATE
1	CONSTRUCTION DOCUMENTS ISSUE 4	06-01-2015
2	CD PROGRESS ISSUE 5	08-10-2015
3	DOB AMENDMENT 2	09-18-2015

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CONSULTANT:
WSP
228 East 45th Street
New York, NY 10017
(212) 687-8885
www.wspgroup.com/usa

PROJECT:
217 WEST 57TH STREET
NEW YORK, NY

DRAWING TITLE:
47TH FLOOR - GENERAL ARRANGEMENT PLAN

SEAL & SIGNATURE

DATE: 06-01-2015

PROJECT No: 201215252501

DRAWN: CADDO

CHK: YE

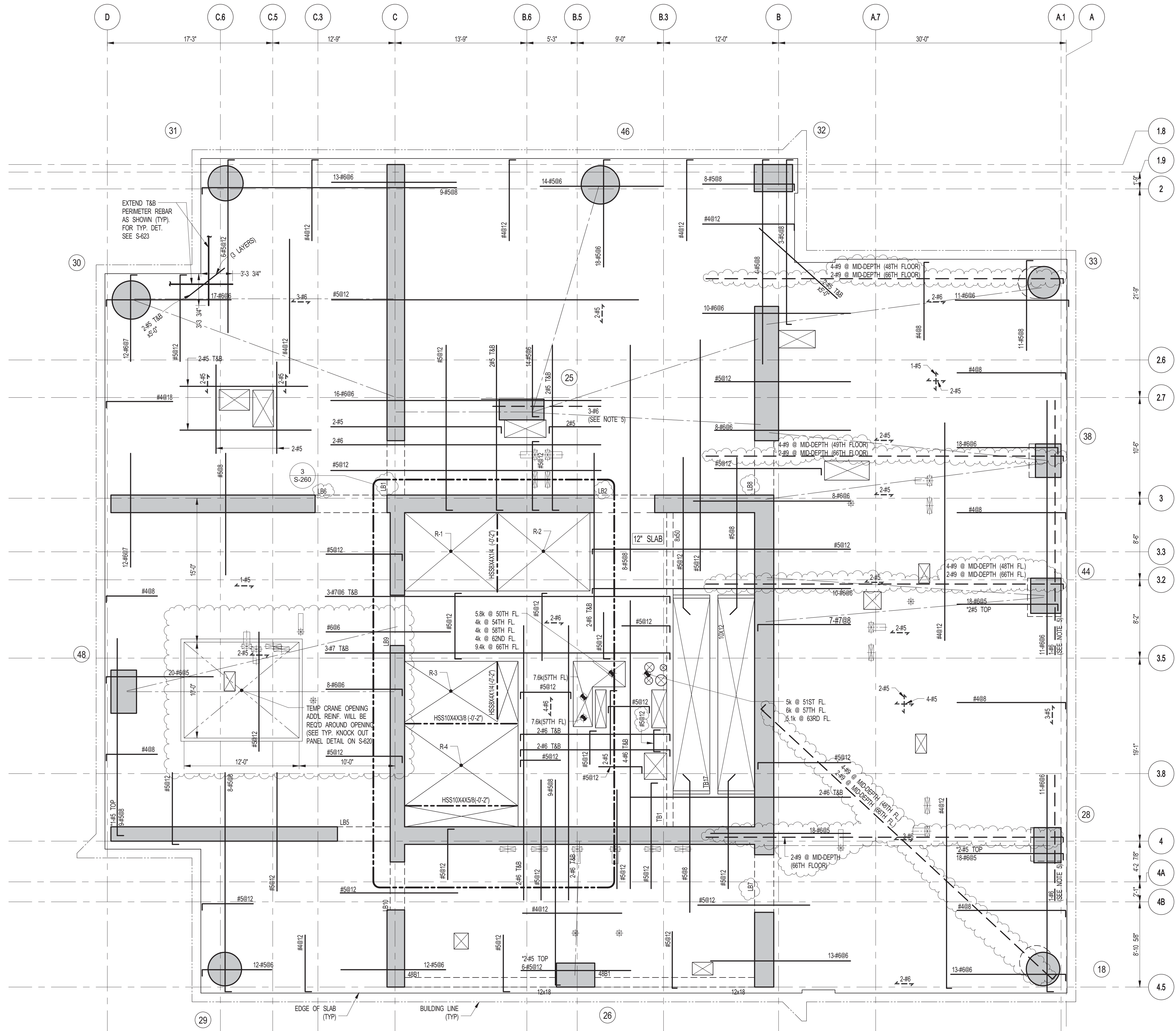
SCALE: As indicated

DWG No: **S-256.01**

DOB PAGE No: 72 OF 158

DOB EMPLOYEE STAMP:

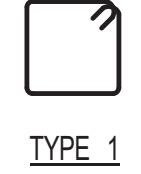
DOB B-S-SCAN:



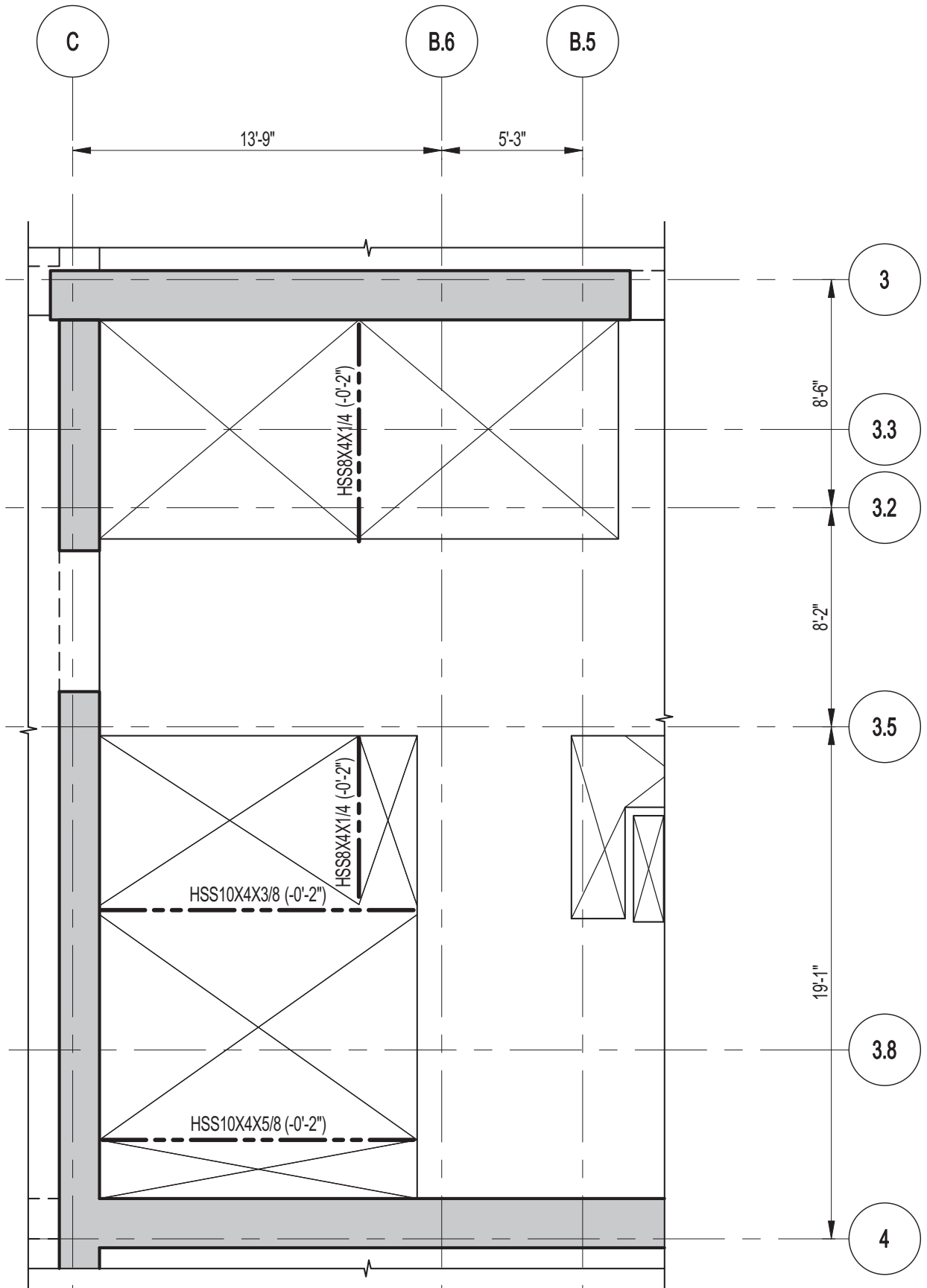
1 48TH TO 66TH FLOOR FRAMING PLAN
 SCALE: 3/16" = 1'-0"

- NOTES:**
1. TSLAB ELEVATION TO BE: 48TH FLOOR 788'-7"
 49TH FLOOR 801'-0"
 50TH FLOOR 814'-3"
 51ST FLOOR 827'-1"
 52ND FLOOR 839'-11"
 53RD FLOOR 852'-9"
 54TH FLOOR 865'-7"
 55TH FLOOR 878'-5"
 56TH FLOOR 891'-3"
 57TH FLOOR 904'-1"
 58TH FLOOR 916'-11"
 59TH FLOOR 929'-9"
 60TH FLOOR 942'-7"
 61ST FLOOR 955'-5"
 62ND FLOOR 968'-3"
 63RD FLOOR 981'-1"
 64TH FLOOR 993'-11"
 65TH FLOOR 1006'-9"
 66TH FLOOR 1019'-7"
 2. SLAB TO BE 9" THICK MIN. U.O.N. ON PLAN
 3. BOTTOM SLAB REINFORCEMENT TO BE:
 #4@12 CONT. E.W. FOR 9" SLAB U.O.N.
 #5@12 CONT. E.W. FOR 12" SLAB U.O.N.
 4. FOR BALANCE OF INFORMATION SEE S-201.
 5. FOR STRUCTURE INTEGRITY REIN. ADD. INFORMATION SEE DRAWING S-201.

48TH FLOOR BEAM SCHEDULE							
BEAM MARK	SIZE (WxD) (IN.)	REINFORCEMENT		STIRRUPS			REMARKS
		BOTTOM CONTINUOUS	TOP CONTINUOUS	TOP ADD'L BARS AT SUPPORT	TYPE	SIZE	
48B1	12x18	#4@12	#4@12	#4@12	1	#4	

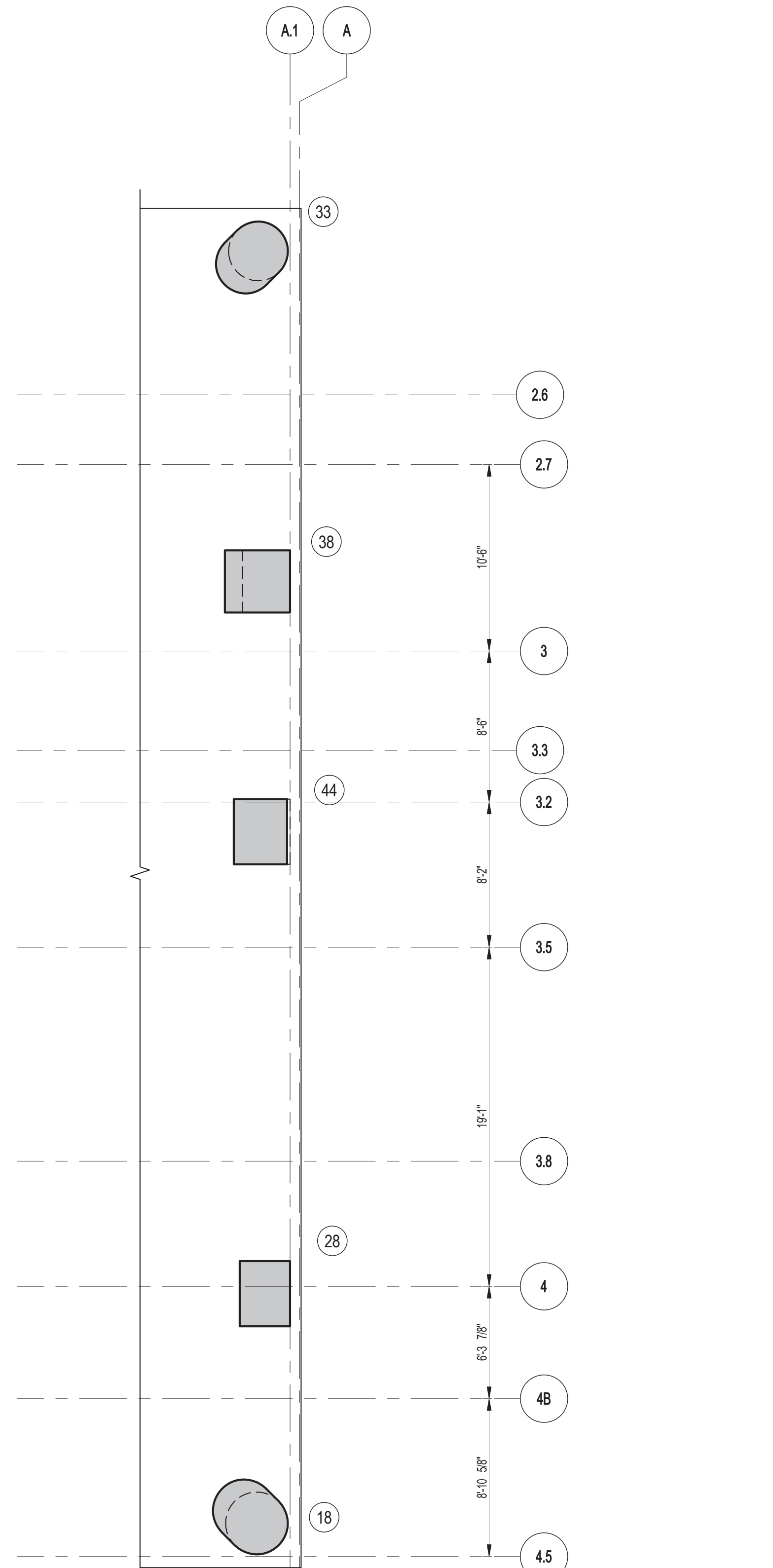


TYPE 1



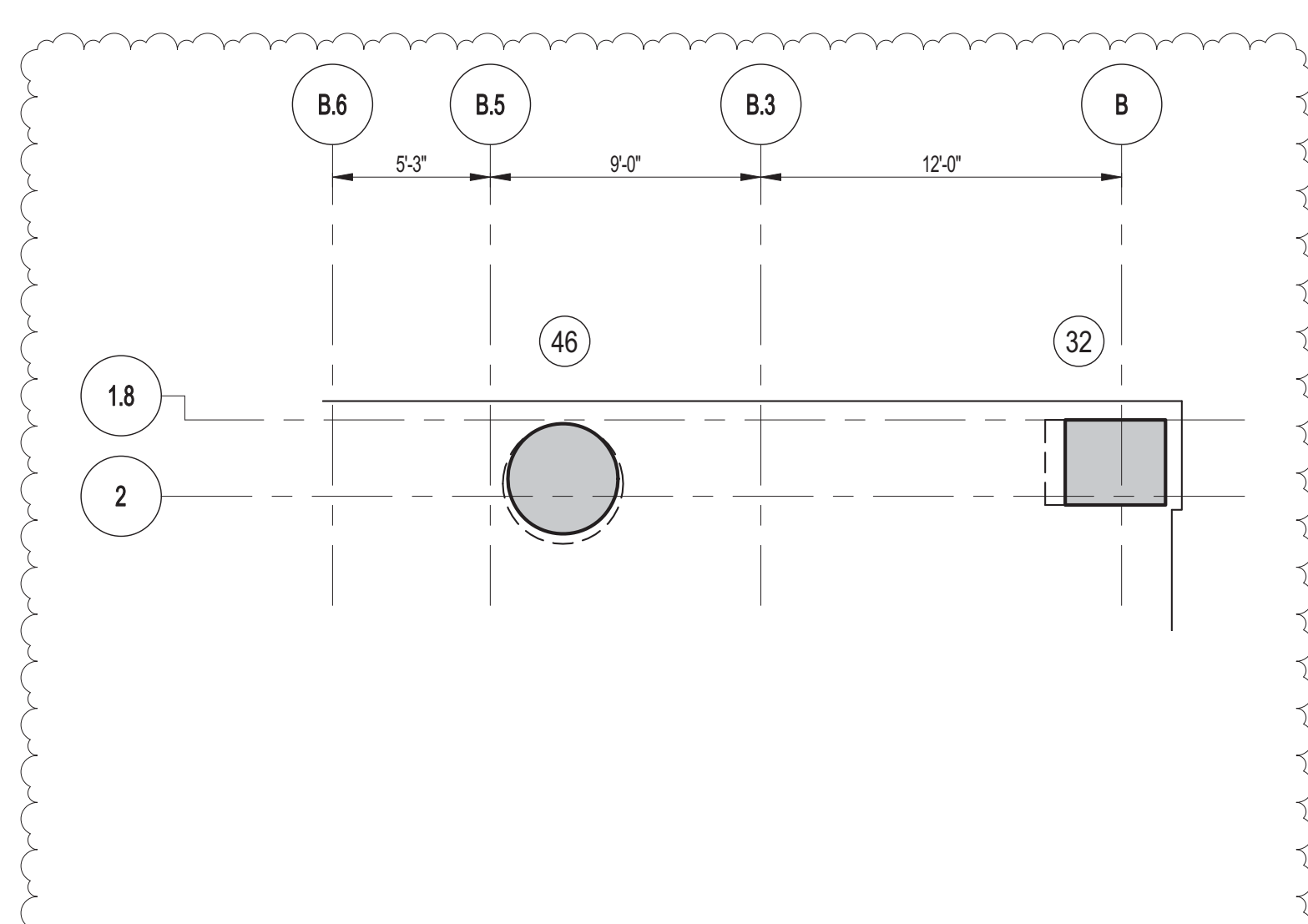
3 66TH FLOOR PART FRAMING PLAN
 SCALE: 3/16" = 1'-0"

- NOTES:**
1. FOR BALANCE OF INFORMATION SEE THIS DWG.



2 PART FRAMING PLAN AT 66TH FLOOR WALKING COLUMNS
 SCALE: 3/16" = 1'-0"

- NOTES:**
1. FOR BALANCE OF INFORMATION SEE THIS DWG.



4 PART FRAMING PLAN AT 66TH FLOOR WALKING COLUMNS
 SCALE: 3/16" = 1'-0"

KEY PLAN:

PROJECT NORTH:

DEVELOPER:
EXTELL DEVELOPMENT COMPANY
 805 THIRD AVENUE, 7TH FLOOR
 NEW YORK, NY 10022 USA
 TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT: Base Building Shell & Core
ADRIAN SMITH + GORDON GILL ARCHITECTURE
 111 WEST MONROE STREET SUITE 2300
 CHICAGO, IL 60603
 TEL: 312 920 1888 FAX: 312 920 1775

INTERIOR DESIGNER: Residential
Rottet Architecture and Design Studio, PLLC
 288 Fifth Ave., 7th Floor
 New York, NY 10017
 TEL: 646 988 7000 FAX:

ARCHITECT OF RECORD: Base Building Shell, Core, & Residential
AJAJ ARCHITECTS, P.C.
 401 Wellington St. W., 3rd Floor
 Toronto, ON M5V 1E7 Canada
 TEL: 416 967 1500 FAX: 416 967 7150

STRUCTURAL ENGINEERS:
WSP
 228 EAST 45th STREET
 NEW YORK, NY 10017 USA
 TEL: 212 687 8888 FAX: 646 487 5501

MEP ENGINEERS:
AKF GROUP
 1501 Broadway
 New York, NY 10036 USA
 TEL: 212 354 5656 FAX: 212 354 5668

GEOTECHNICAL ENGINEERS:
Langan Engineering & Environmental Services
 21 Penn Plaza - 360 West 51st Street, 8th Floor
 New York, NY 10001-2727
 TEL: 212 479 5400 FAX: 212 479 5444

CODE CONSULTANTS:
Construction Consulting Associates
 100 Church Street
 New York, NY 10007
 TEL: 212 385 1818 FAX: 212 385 1911

CURTAINWALL CONSULTANT:
AJLP Consulting
 40 Worth Street, Suite 826
 New York, NY 10013
 TEL: 212 757 6559 FAX: 646 219 8508

LANDMARK/PRESERVATION CONSULTANT:
Jan Hird Pokorny Associates, Inc.
 39 West 37th Street, 12A
 New York, NY 10018
 TEL: 212 759 6452 FAX: 212 759 6540

No.	DESCRIPTION	DATE
1	SCHEMATIC DESIGN	03-31-2014
2	ISSUED FOR SCHEMATIC DESIGN	04-04-2014
3	SUPERSTRUCTURE CONCRETE BID	06-02-2014
4	DESIGN DEVELOPMENT	07-01-2014
5	ISSUED FOR DESIGN DEVELOPMENT	07-31-2014
6	CD PROGRESS ISSUE 1	10-15-2014
7	DOB SUBMISSION	12-19-2014
8	CONSTRUCTION DOCUMENTS ISSUE 3	03-09-2015
9	PROGRESS CD ISSUE 4	05-08-2015
10	CONSTRUCTION DOCUMENTS ISSUE 4	06-01-2015
11	CD PROGRESS ISSUE 5	08-10-2015
12	DOB AMENDMENT 2	09-18-2015

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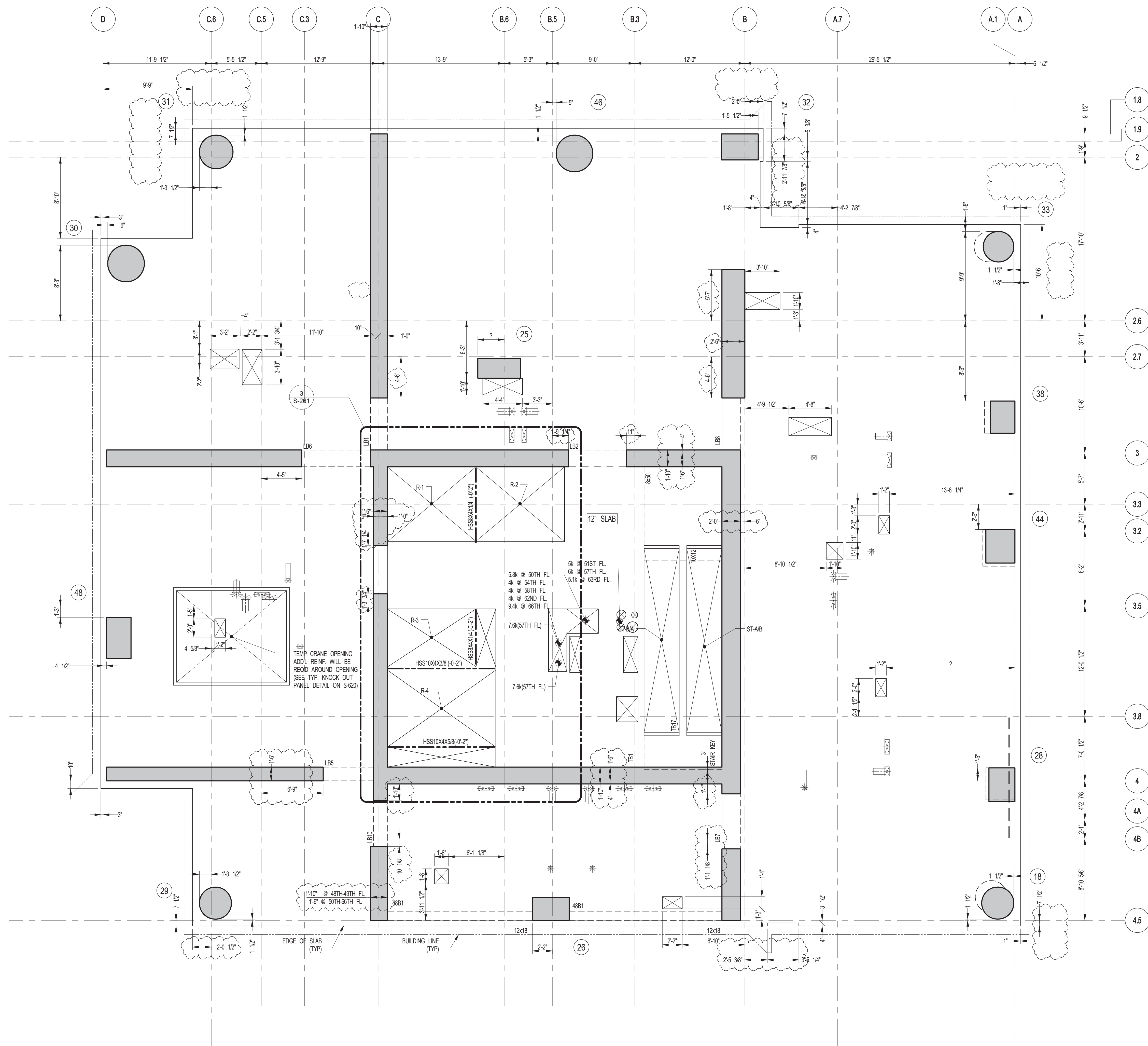
CONSULTANT:
WSP
 228 East 45th Street
 New York, NY 10017
 (212) 687-8888
 www.wspgroup.com/usa

PROJECT:
217 WEST 57TH STREET
NEW YORK, NY

DRAWING TITLE:
48TH-66TH FLOORS - FRAMING PLAN

SEAL & SIGNATURE:

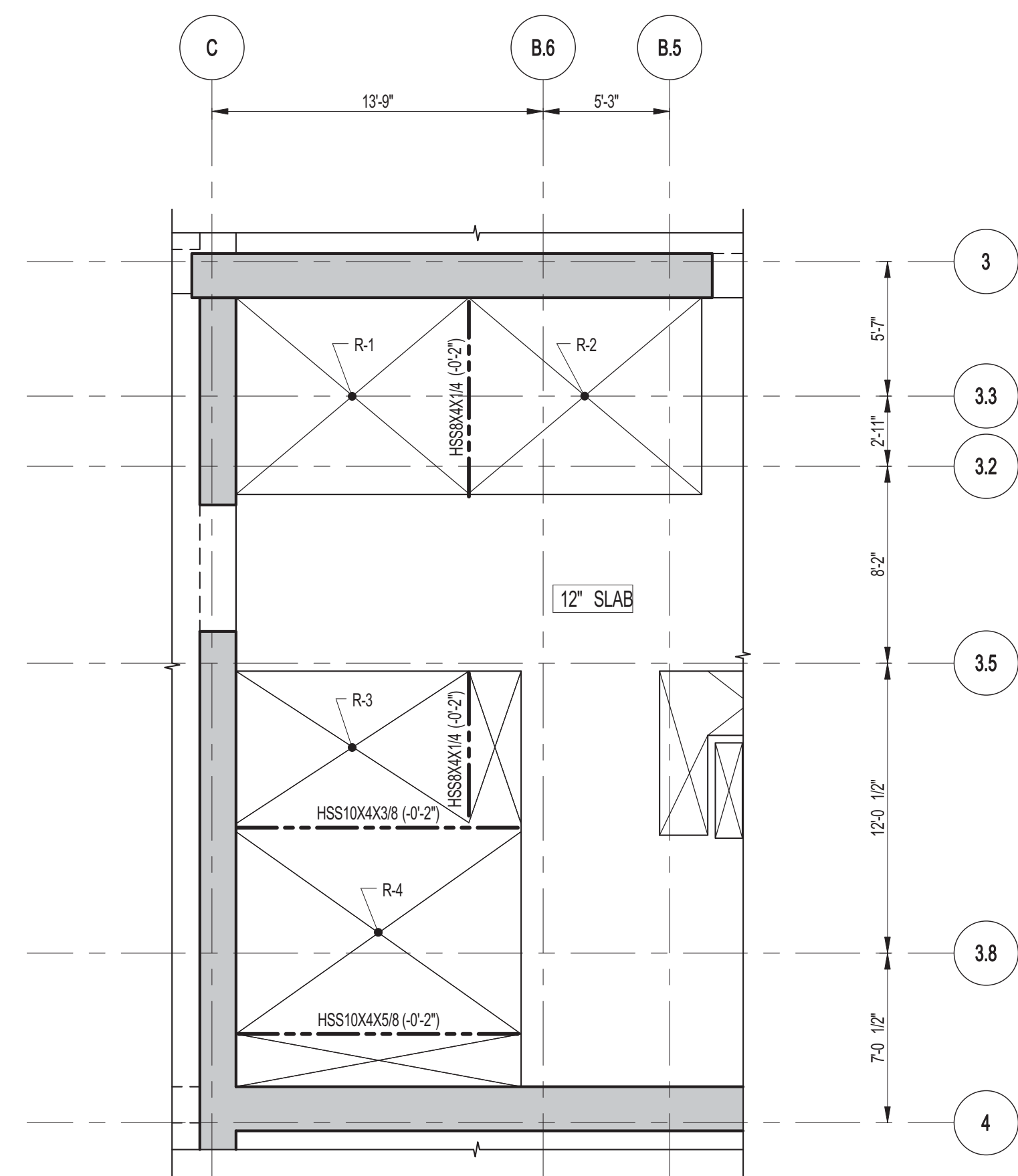
 DATE: 03-31-2014
 PROJECT No: 2012185
 DRAWN: CAD
 CHK: YE
 SCALE: As indicated
 DWG No: **S-260.01**
 DOB PAGE No: 73 OF 158
 DOB EMPLOYEE STAMP: UCB B-SCANN



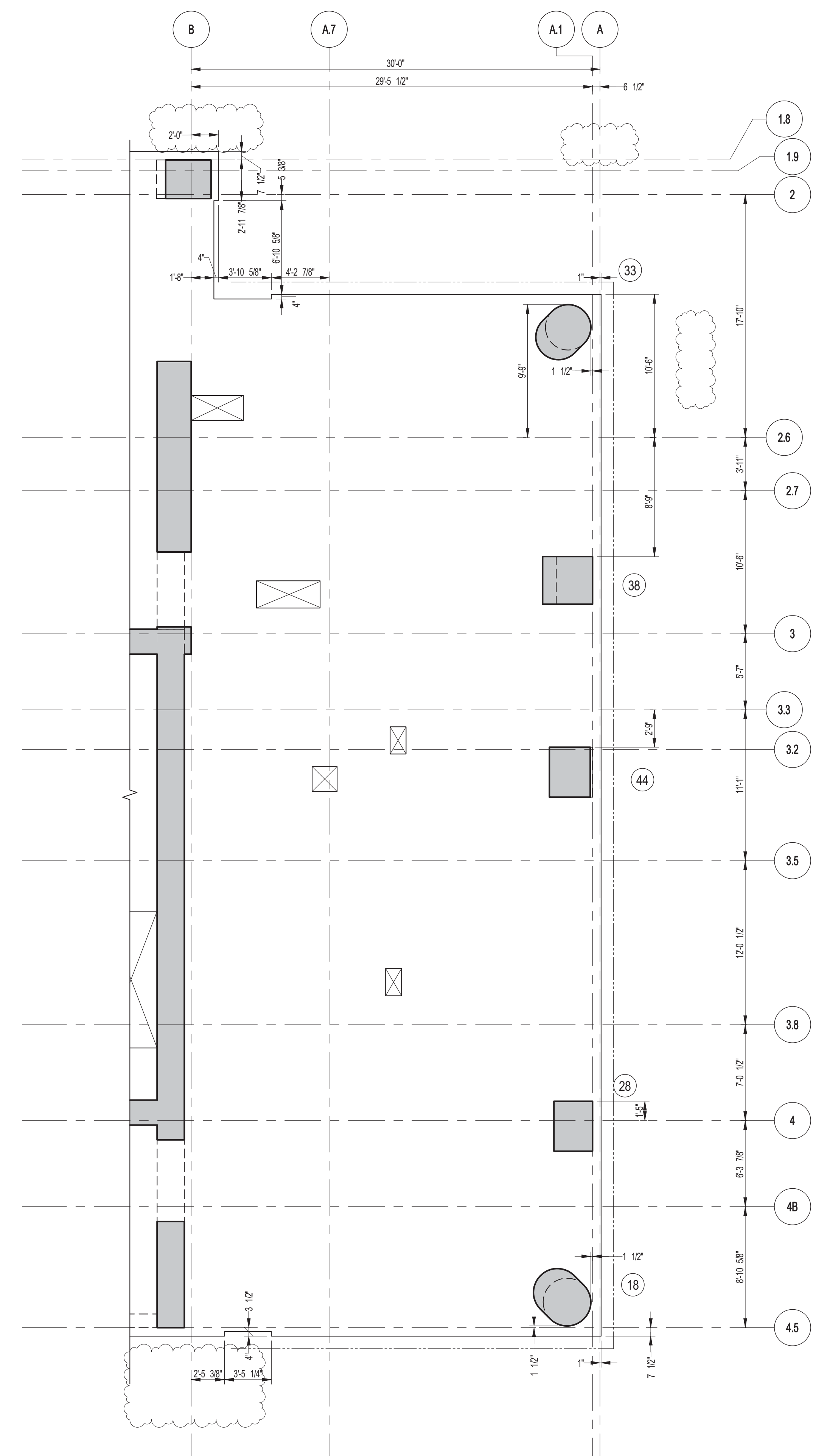
1 48TH TO 66TH FLOOR GENERAL ARRANGEMENT PLAN
S-261 SCALE: 3/16" = 1'-0"

NOTES:

1. FOR SLAB INFORMATION SEE CORRESPONDING FRAMING PLAN.



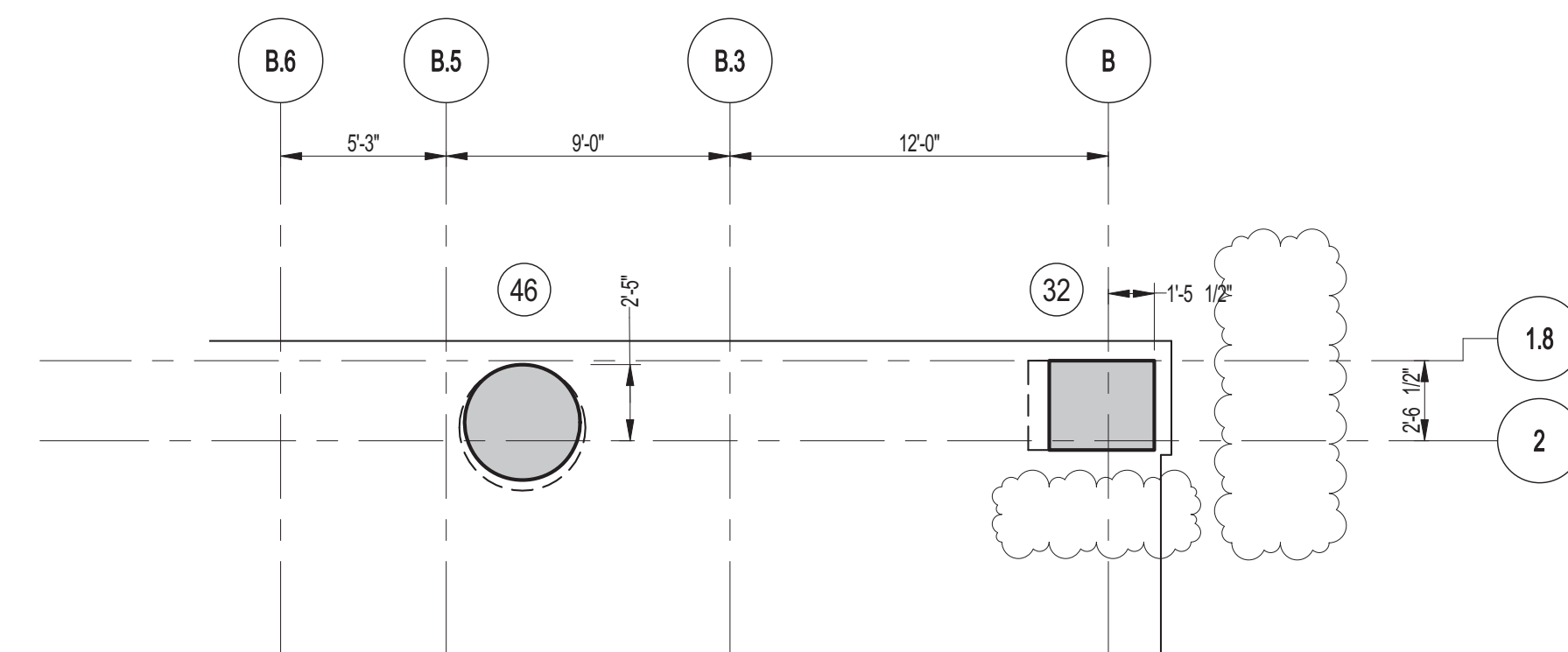
3 PART GENERAL ARRANGEMENT PLAN AT 66TH FLOOR
S-261 SCALE: 3/16" = 1'-0"



2 PART GENERAL ARRANGEMENT PLAN AT 66TH FLOOR WALKING COLUMNS
S-261 SCALE: 3/16" = 1'-0"

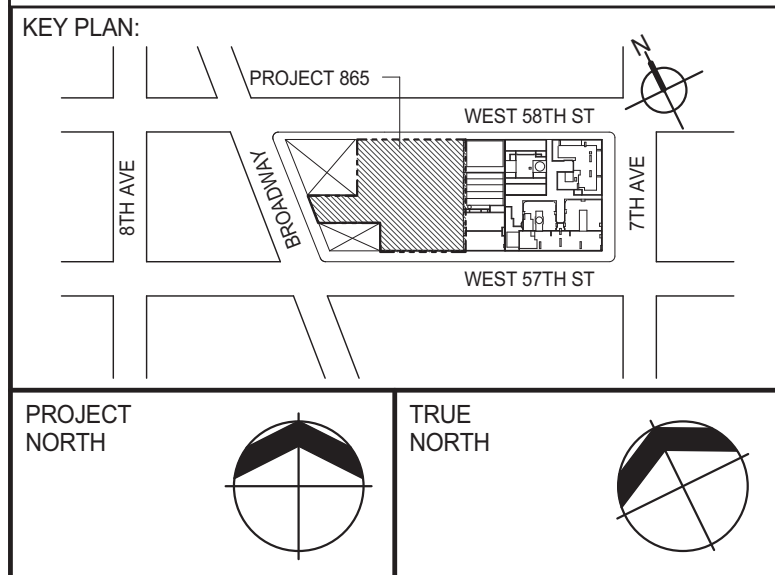
NOTES:

1. FOR SLAB INFORMATION SEE CORRESPONDING FRAMING PLAN.
2. COLUMNS ARE CENTERED ON GRID LINE AND/OR GRID LINES ARE AT FACE OF COLUMN U.O.N. ON PLAN.



4 PART GENERAL ARRANGEMENT PLAN AT 66TH FLOOR WALKING COLUMNS
S-261 SCALE: 3/16" = 1'-0"

NOTES:
1. FOR SLAB INFORMATION SEE CORRESPONDING FRAMING PLAN.



DEVELOPER:
EXTELL DEVELOPMENT COMPANY
805 THIRD AVENUE, 7TH FLOOR
NEW YORK, NY 10022 USA
TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT: Base Building Shell & Core
ADRIAN SMITH + GORDON GILL ARCHITECTURE
111 WEST MONROE STREET SUITE 2300
CHICAGO IL 60603
TEL: 312 920 1888 FAX: 312 920 1775

INTERIOR DESIGNER: Residential
Rottet Architecture and Design Studio, PLLC
288 Fifth Ave, 7th Floor
New York, NY 10001
TEL: 646 989 7000 FAX:

ARCHITECT OF RECORD: Base Building Shell, Core, & Residential
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401 Wellington St. W., 3rd Floor
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TEL: 416 967 1500 FAX: 416 967 7150

STRUCTURAL ENGINEERS:
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228 EAST 45th STREET
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MEP ENGINEERS:
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TEL: 212 354 5656 FAX: 212 354 5668

GEOTECHNICAL ENGINEERS:
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21 Penn Plaza - 360 West 51st Street, 8th Floor
New York, NY 10001-2727
TEL: 212 479 5400 FAX: 212 479 5444

CODE CONSULTANTS:
Construction Consulting Associates
100 Church Street
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CURTAINWALL CONSULTANT:
AJLP Consulting
40 Worth Street, Suite 826
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TEL: 212 757 6559 FAX: 646 219 8508

LANDMARK/PRESERVATION CONSULTANT:
Jan Hird Pokorny Associates, Inc.
39 West 57th Street, 12A
New York, NY 10019
TEL: 212 759 6452 FAX: 212 759 6540

No.	DESCRIPTION	DATE
1	CONSTRUCTION DOCUMENTS ISSUE 4	06-01-2015
2	CD PROGRESS ISSUE 5	08-10-2015
3	DOB AMENDMENT 2	09-18-2015

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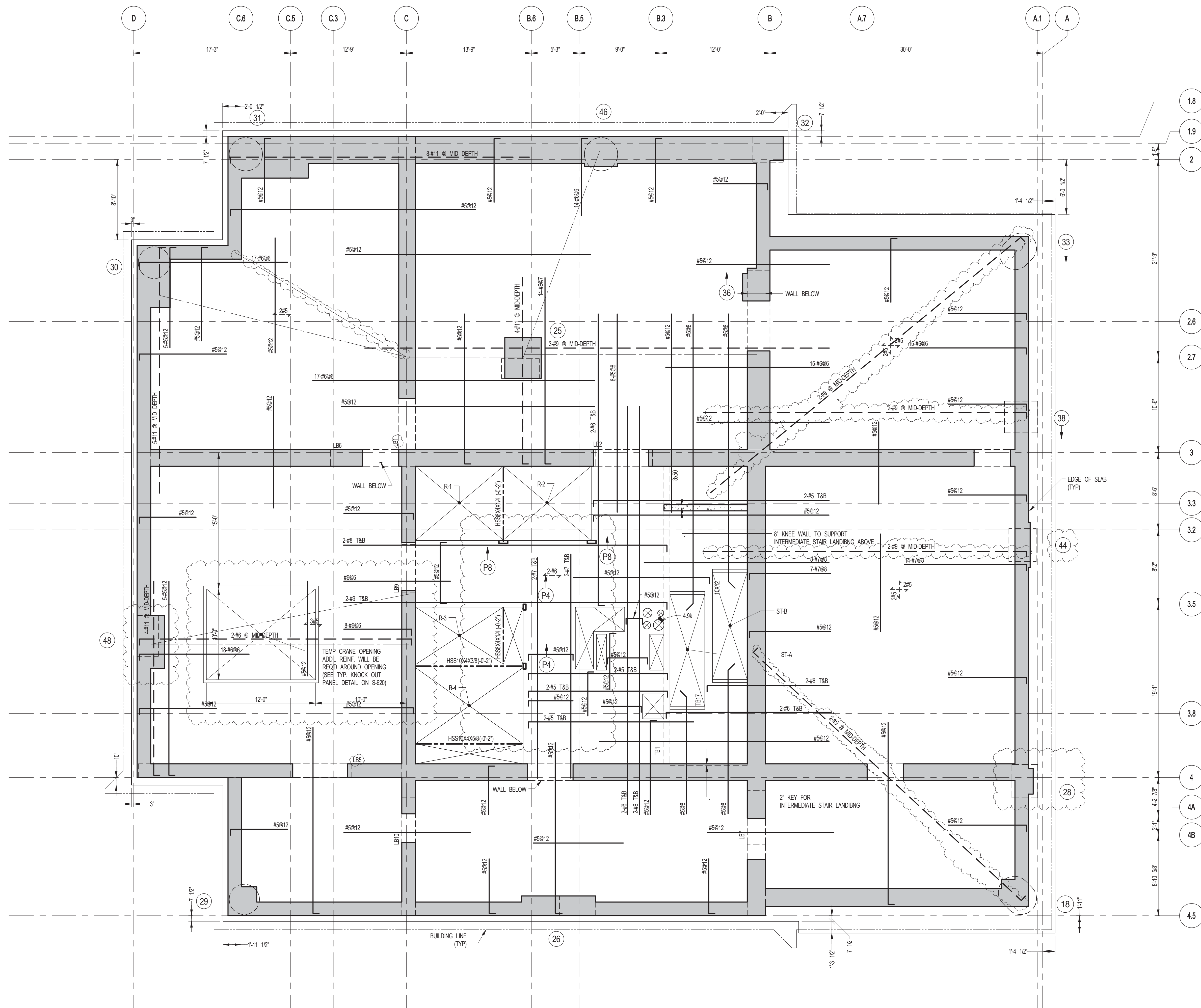
ALL DIMENSIONS ARE SHOWN IN IMPERIAL.

CONSULTANT:
WSP
228 East 45th Street
New York, NY 10017
(212) 687-8885
www.wspgroup.com/usa

PROJECT:
**217 WEST 57TH STREET
NEW YORK, NY**

DRAWING TITLE:
**48TH-66TH FLOORS - GENERAL
ARRANGEMENT PLAN**

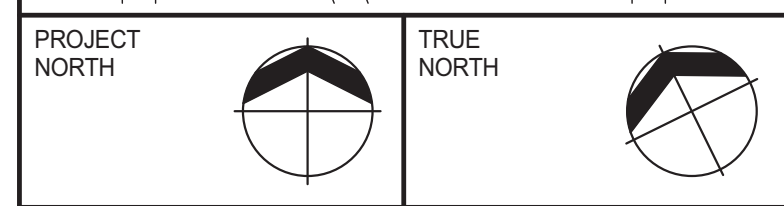
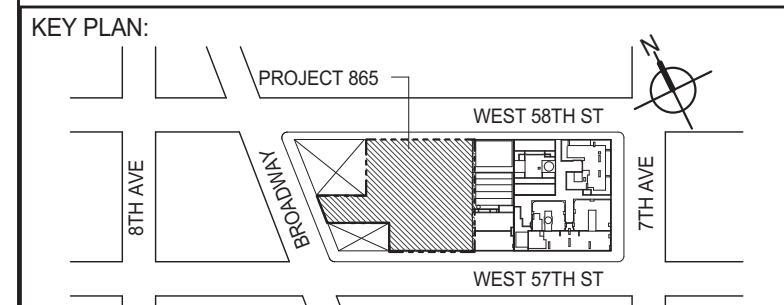
SEAL & SIGNATURE: PROJECT No: 2012185 DATE: 06-01-2015
DRAWN: CADDO REV: 3
CHK: YE
SCALE: As indicated
DWG No: **S-261.01**
DOB PAGE No: 74 OF 158
DOB B-SCAN:



1 67TH FLOOR (MEP) FRAMING PLAN

S-265 SCALE: 3/16" = 1'-0"

- NOTES:
1. SLAB ELEVATION TO BE 1035'-10" U.O.N.
 2. SLAB TO BE 12" THICK MIN. U.O.N. ON PLAN
 3. BOTTOM SLAB REINFORCING TO BE #5@12 CONT. E.W. U.O.N.
 4. FOR BALANCE OF NOTES SEE DRAWING S-601
 5. FOR STRUCTURE INTEGRITY REIN. ADD. INFORMATION SEE DRAWING S-621



DEVELOPER: **EXTELL DEVELOPMENT COMPANY**
805 THIRD AVENUE, 7TH FLOOR
NEW YORK, NY 10022 USA
TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT: **Base Building Shell & Core**
ADRIAN SMITH + GORDON GILL ARCHITECTURE
111 WEST MONROE STREET SUITE 2300
CHICAGO, IL 60603
TEL: 312 920 1888 FAX: 312 920 1775

INTERIOR DESIGNER: **Residential**
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ARCHITECT OF RECORD: **Base Building Shell, Core, & Residential**
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21 Penn Plaza - 360 West 31st Street, 8th Floor
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TEL: 212 479 5400 FAX: 212 479 5444

CODE CONSULTANTS: **Construction Consulting Associates**
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TEL: 212 385 1818 FAX: 212 385 1911

CURTAINWALL CONSULTANT: **AJLP Consulting**
40 Worth Street, Suite 826
New York, NY 10013
TEL: 212 757 6559 FAX: 646 219 8508

LANDMARK/PRESERVATION CONSULTANT: **Jan Hird Pokorny Associates, Inc.**
39 West 37th Street, 12A
New York, NY 10018
TEL: 212 759 6452 FAX: 212 759 6540

No.	DESCRIPTION	DATE
1	SCHEMATIC DESIGN	03-31-2014
2	ISSUED FOR SCHEMATIC DESIGN	04-04-2014
3	SUPERSTRUCTURE CONCRETE BID	06-02-2014
4	DESIGN DEVELOPMENT	07-01-2014
5	ISSUED FOR DESIGN DEVELOPMENT	07-31-2014
6	CD PROGRESS ISSUE 1	10-15-2014
7	DOB SUBMISSION	12-19-2014
8	CONSTRUCTION DOCUMENTS ISSUE 3	03-09-2015
9	PROGRESS CD	05-08-2015
10	CONSTRUCTION DOCUMENTS ISSUE 4	06-01-2015
11	CD PROGRESS ISSUE 5	08-10-2015
12	DOB AMENDMENT 2	09-18-2015


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(212) 697-8885
www.wsgroup.com/usa

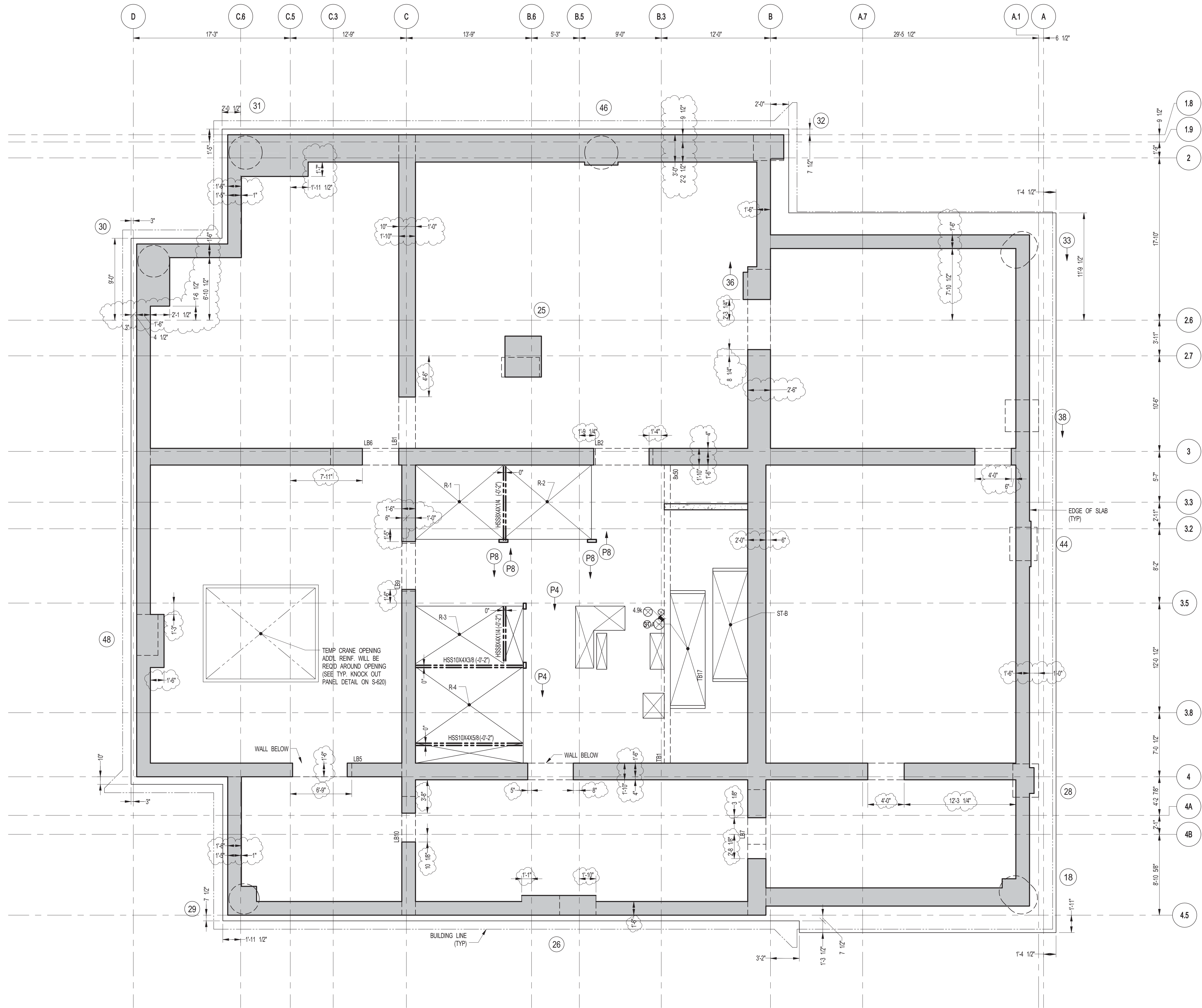
PROJECT: **217 WEST 57TH STREET
NEW YORK, NY**

DRAWING TITLE: **67TH FLOOR (MEP) - FRAMING PLAN**

SEAL & SIGNATURE	DATE: 03-31-2014	
	PROJECT No: 2012185	
	DRAWN: CADD	REV:
	CHK: YE	12
	SCALE: As indicated	
	DWG No:	S-265.01

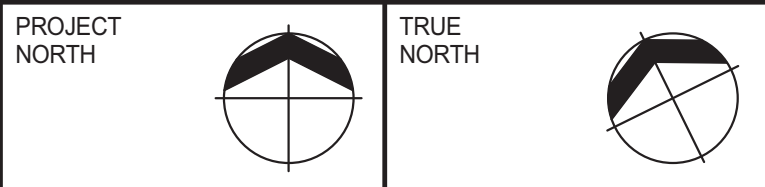
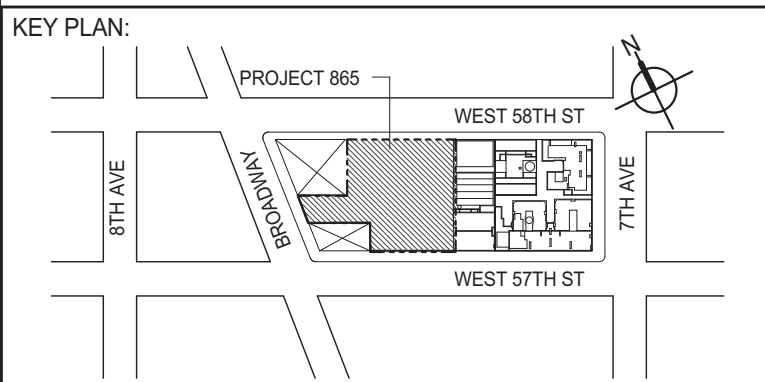
DOB PAGE No: 75 OF 158

DOB EMPLOYEE STAMP: **DOB B-S-001**



1 67TH FLOOR (MECHANICAL) GENERAL ARRANGEMENT PLAN
S-266 SCALE: 3/16" = 1'-0"

NOTES:
1. FOR SLAB INFORMATION SEE CORRESPONDING FRAMING PLAN.



DEVELOPER: **EXTELL DEVELOPMENT COMPANY**
805 THIRD AVENUE, 7TH FLOOR
NEW YORK, NY 10022 USA
TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT: **Base Building Shell & Core**
ADRIAN SMITH + GORDON GILL ARCHITECTURE
111 WEST MONROE STREET SUITE 2300
CHICAGO, IL 60603
TEL: 312 920 1888 FAX: 312 920 1775

INTERIOR DESIGNER: **Residential**
Rottet Architecture and Design Studio, PLLC
208 Fifth Ave, 7th Floor
New York, NY 10001
TEL: 646 998 7000 FAX:

ARCHITECT OF RECORD: **Base Building Shell, Core, & Residential**
AJA ARCHITECTS, P.C.
401 Wellington St. W., 3rd Floor
Toronto, ON M5V 1E7 Canada
TEL: 416 967 1500 FAX: 416 967 7150

STRUCTURAL ENGINEERS: **WSP**
228 East 45th Street
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MEP ENGINEERS: **AKF GROUP**
1501 Broadway
New York, NY 10036 USA
TEL: 212 354 5656 FAX: 212 354 5668

GEOTECHNICAL ENGINEERS: **Langan Engineering & Environmental Services**
21 Penn Plaza - 360 West 31st Street, 8th Floor
New York, NY 10001-2727
TEL: 212 479 5400 FAX: 212 479 5444

CODE CONSULTANTS: **Construction Consulting Associates**
100 Church Street
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TEL: 212 385 1918 FAX: 212 385 1911

CURTAINWALL CONSULTANT: **AJLP Consulting**
40 Worth Street, Suite 826
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TEL: 212 757 6559 FAX: 646 219 8508

LANDMARK/PRESERVATION CONSULTANT: **Jan Hird Pokorny Associates, Inc.**
39 West 37th Street, 12A
New York, NY 10018
TEL: 212 759 6452 FAX: 212 759 6540

No.	DESCRIPTION	DATE
1	CD PROGRESS ISSUE 5	08-10-2015
2	DOB AMENDMENT 2	09-18-2015


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CONSULTANT: **WSP**
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New York, NY 10017
(212) 697-8865
www.wspgroup.com/usa

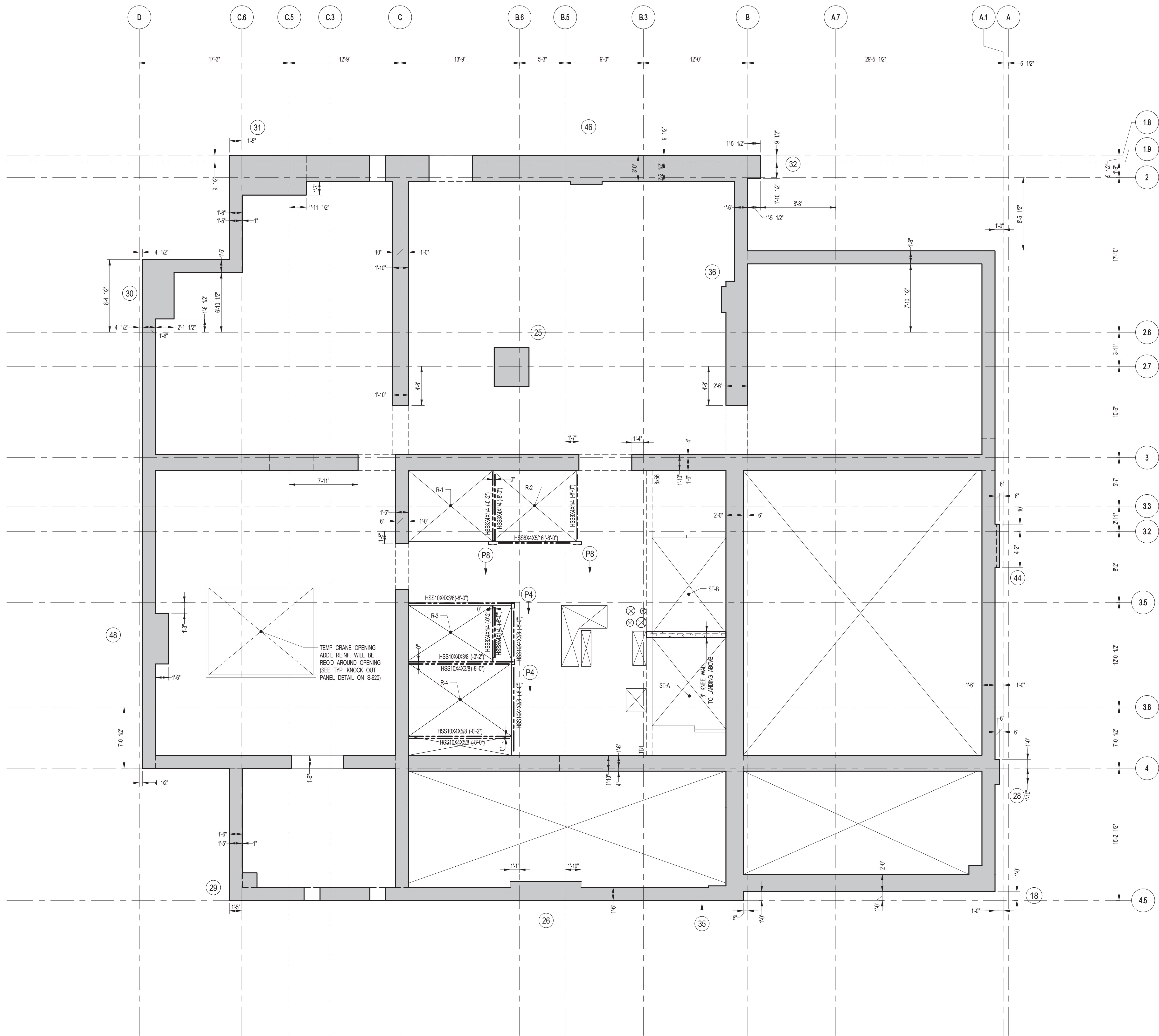
PROJECT: **217 WEST 57TH STREET**
NEW YORK, NY

DRAWING TITLE: **67TH FLOOR (MEP) - GENERAL ARRANGEMENT PLAN**

SEAL & SIGNATURE	DATE: 08-10-2015	
 The seal is circular with 'STATE OF NEW YORK' at the top and 'LICENSED PROFESSIONAL ENGINEER' at the bottom. In the center is a shield with a sun, a river, and a plow. Below the shield is the number 'No. 086507'.	PROJECT No: 2012185	
	DRAWN: CADOD	REV:
	CHK: YE	2
	SCALE: As indicated	
DWG No:	S-266.01	

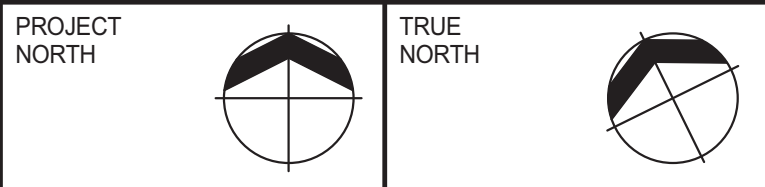
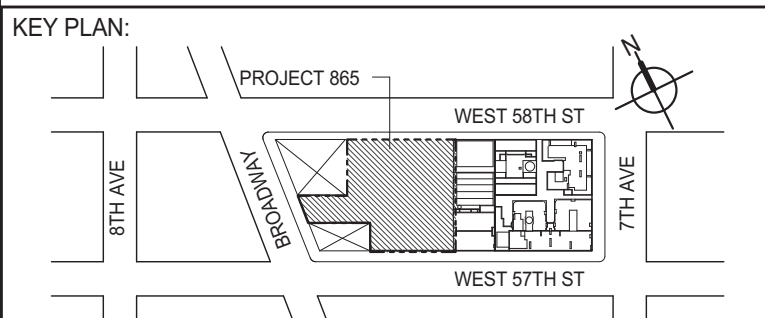
DOB PAGE No: 76 OF 158
DOB B-SCAN:





1 67TH FLOOR MEZZANINE GENERAL ARRANGEMENT PLAN
S-271 SCALE: 3/16" = 1'-0"

NOTES:
1. FOR SLAB INFORMATION SEE CORRESPONDING FRAMING PLAN.



DEVELOPER: **EXTELL DEVELOPMENT COMPANY**
805 THIRD AVENUE, 7TH FLOOR
NEW YORK, NY 10022 USA
TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT: **Base Building Shell & Core**
ADRIAN SMITH + GORDON GILL ARCHITECTURE
111 WEST MONROE STREET SUITE 2300
CHICAGO, IL 60603
TEL: 312 920 1888 FAX: 312 920 1775

INTERIOR DESIGNER: **Residential**
Rottet Architecture and Design Studio, PLLC
208 Fifth Ave., 7th Floor
New York, NY 10001
TEL: 646 989 7000 FAX:

ARCHITECT OF RECORD: **Base Building Shell, Core, & Residential**
AJA ARCHITECTS, P.C.
401 Wellington St. W., 3rd Floor
Toronto, ON M5V 1E7 Canada
TEL: 416 967 1500 FAX: 416 967 7150

STRUCTURAL ENGINEERS: **WSP**
228 EAST 45th Street
New York, NY 10017 USA
TEL: 212 697 8885 FAX: 646 487 5501

MEP ENGINEERS: **AKF GROUP**
1501 Broadway
New York, NY 10036 USA
TEL: 212 354 5656 FAX: 212 354 5668

GEOTECHNICAL ENGINEERS: **Langan Engineering & Environmental Services**
21 Penn Plaza - 360 West 31st Street, 8th Floor
New York, NY 10001-2727
TEL: 212 479 5400 FAX: 212 479 5444

CODE CONSULTANTS: **Construction Consulting Associates**
100 Church Street
New York, NY 10007
TEL: 212 385 1914 FAX: 212 385 1911

CURTAINWALL CONSULTANT: **AJLP Consulting**
40 Worth Street, Suite 826
New York, NY 10013
TEL: 212 757 6559 FAX: 646 219 8508

LANDMARK/PRESERVATION CONSULTANT: **Jan Hird Pokorny Associates, Inc.**
39 West 37th Street, 12A
New York, NY 10018
TEL: 212 759 6452 FAX: 212 759 6540

No.	DESCRIPTION	DATE
1	CD PROGRESS ISSUE 5	08-10-2015
2	DOB AMENDMENT 2	09-18-2015

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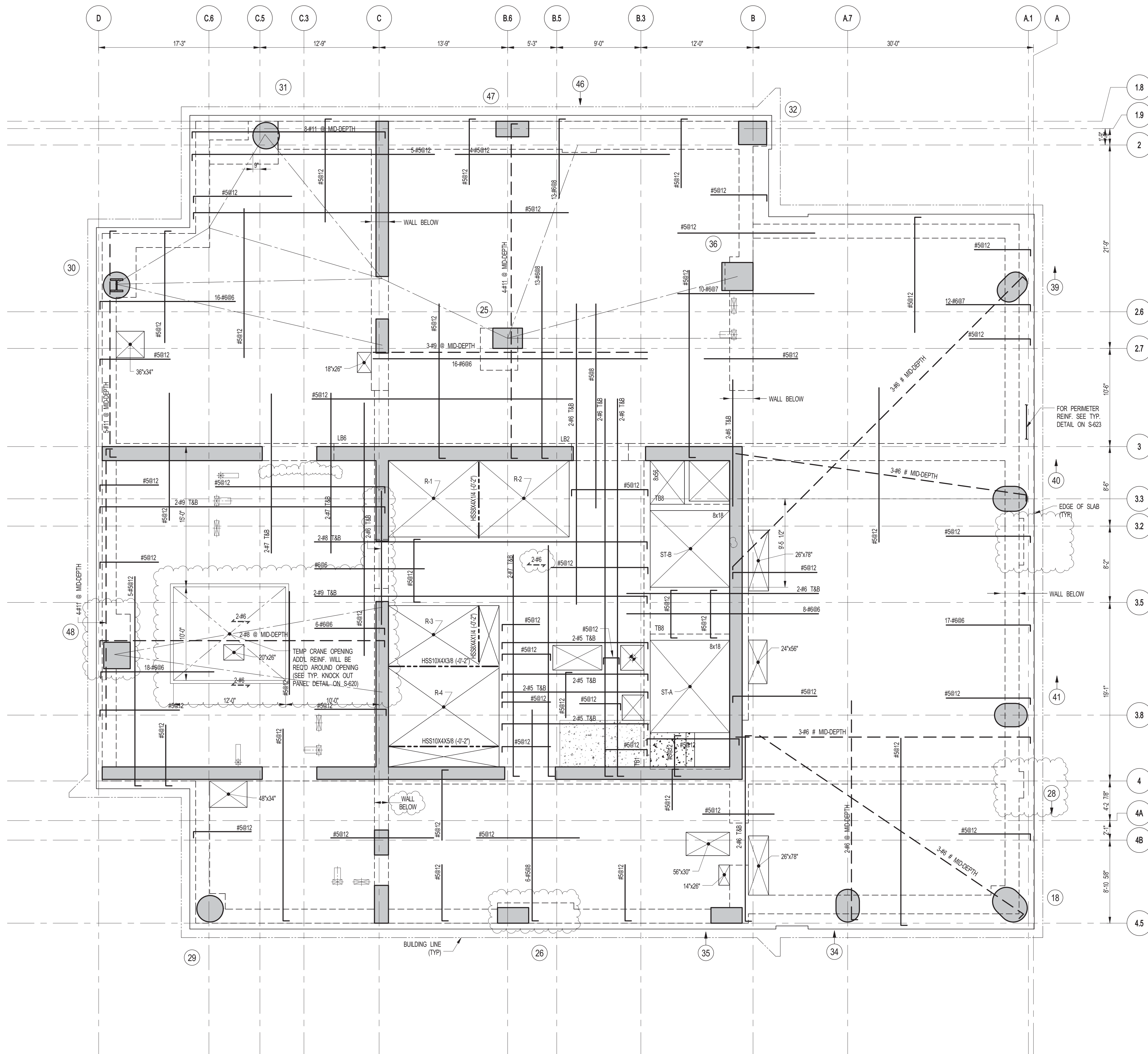
CONSULTANT: **WSP**
228 East 45th Street
New York, NY 10017
(212) 697-8885
www.wsgroup.com/usa

PROJECT: **217 WEST 57TH STREET
NEW YORK, NY**

DRAWING TITLE: **67TH FLOOR MEZZANINE GENERAL
ARRANGEMENT PLAN**

SEAL & SIGNATURE	DATE: 08-10-2015	
	PROJECT No: 2012185	
	DRAWN: CADDO	REV:
	CHK: YE	2
	SCALE: As indicated	
DIVISION: S-271.01		
DOB PAGE No: 78 OF 158		

DOB EMPLOYEE STAMP: DOB B-S-001



1 68TH FLOOR FRAMING PLAN
 SCALE: 3/16" = 1'-0"
 NOTES:
 1. TSUB ELEVATION TO BE 1007'-7" U.O.N.
 2. SLAB TO BE 12" THICK MIN. U.O.N. ON PLAN.
 3. BOTTOM SLAB REINFORCING TO BE #5@12" CONT. E.W. U.O.N.
 4. FOR BALANCE OF NOTES SEE DRAWING S-001.
 5. FOR STRUCTURE INTEGRITY REINF. ADDL. INFORMATION SEE DRAWING S-021.

DEPT OF BLDGS 21532825 Job Number: ES115976993 Job Code:

KEY PLAN:

PROJECT NORTH

TRUE NORTH

DEVELOPER:
EXTELL DEVELOPMENT COMPANY
 805 THIRD AVENUE, 7TH FLOOR
 NEW YORK, NY 10022 USA
 TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT: Base Building Shell & Core
ADRIAN SMITH + GORDON GILL ARCHITECTURE
 111 WEST MONROE STREET SUITE 2300
 CHICAGO, IL 60603
 TEL: 312 920 1888 FAX: 312 920 1775

INTERIOR DESIGNER: Residential
Rottet Architecture and Design Studio, PLLC
 208 Fifth Ave., 7th Floor
 New York, NY 10001
 TEL: 646 998 7000 FAX:

ARCHITECT OF RECORD: Base Building Shell, Core, & Residential
AJA ARCHITECTS, P.C.
 401 Wellington St. W., 3rd Floor
 Toronto, ON M5V 1E7 Canada
 TEL: 416 967 1500 FAX: 416 967 7150

STRUCTURAL ENGINEERS:
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 228 EAST 45th Street
 New York, NY 10017 USA
 TEL: 212 687 9885 FAX: 646 487 5501

MEP ENGINEERS:
AKF GROUP
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 TEL: 212 354 5656 FAX: 212 354 5668

GEOTECHNICAL ENGINEERS:
Langan Engineering & Environmental Services
 21 Penn Plaza - 360 West 31st Street, 8th Floor
 New York, NY 10001-2727
 TEL: 212 479 5400 FAX: 212 479 5444

CODE CONSULTANTS:
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 New York, NY 10007
 TEL: 212 385 1512 FAX: 212 385 1911

CURTAINWALL CONSULTANT:
AJLP Consulting
 40 Worth Street, Suite 826
 New York, NY 10013
 TEL: 212 757 6559 FAX: 646 219 8508

LANDMARK/PRESERVATION CONSULTANT:
Jan Hird Pokorny Associates, Inc.
 39 West 37th Street, 12A
 New York, NY 10018
 TEL: 212 759 6452 FAX: 212 759 6540

No.	DESCRIPTION	DATE
1	SCHEMATIC DESIGN	03-31-2014
2	ISSUED FOR SCHEMATIC DESIGN	04-04-2014
3	SUPERSTRUCTURE CONCRETE BID	06-02-2014
4	DESIGN DEVELOPMENT	07-01-2014
5	ISSUED FOR DESIGN DEVELOPMENT	07-31-2014
6	CD PROGRESS ISSUE 1	10-15-2014
7	DOB SUBMISSION	12-19-2014
8	CONSTRUCTION DOCUMENTS ISSUE 3	03-09-2015
9	PROGRESS CD	05-08-2015
10	CONSTRUCTION DOCUMENTS ISSUE 4	06-01-2015
11	CD PROGRESS ISSUE 5	08-10-2015
12	DOB AMENDMENT 2	09-18-2015

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CONSULTANT:

WSP
 228 East 45th Street
 New York, NY 10017
 (212) 687-9885
 www.wspgroup.com/usa

PROJECT:

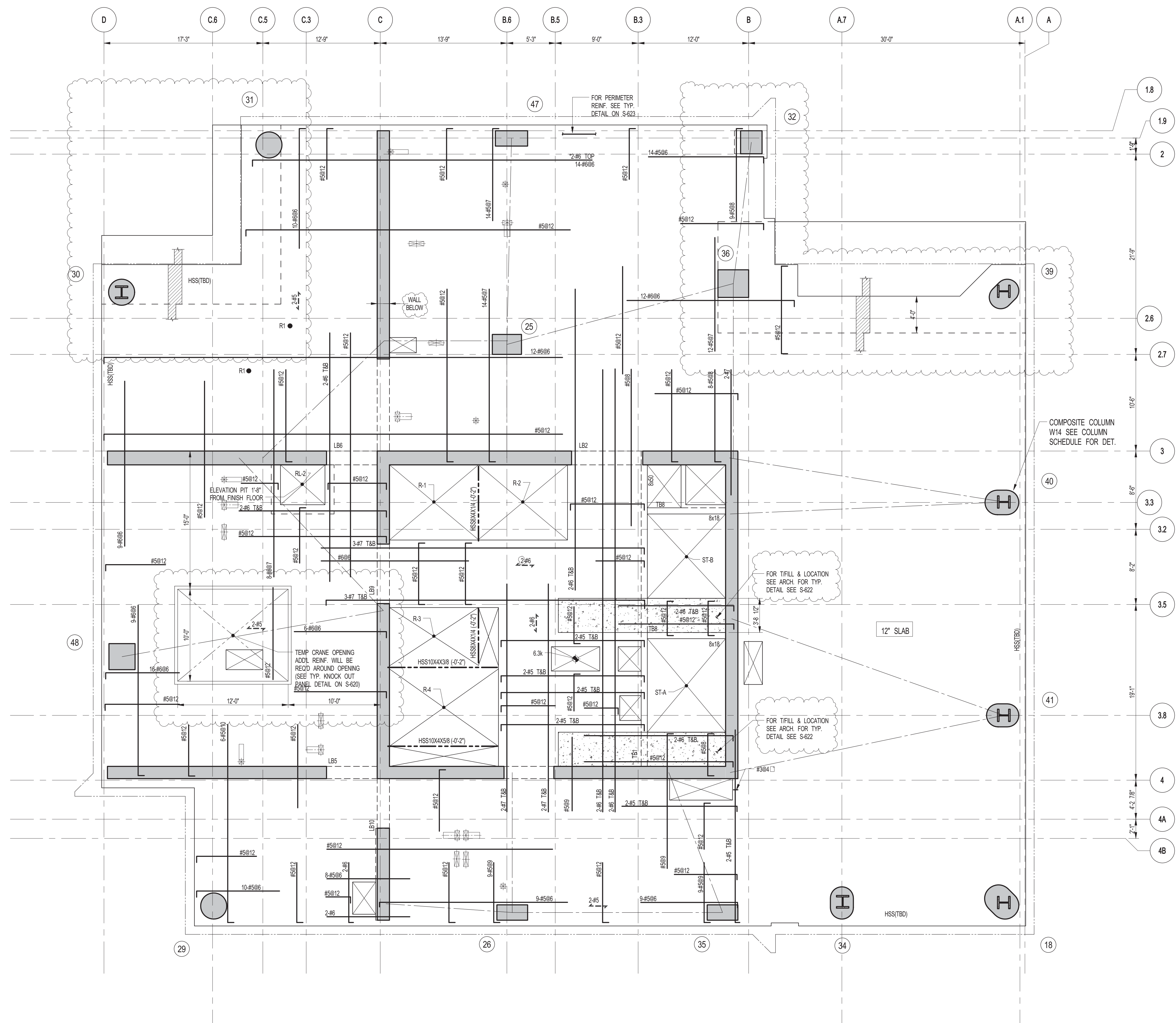
217 WEST 57TH STREET
NEW YORK, NY

DRAWING TITLE:

68TH FLOOR - FRAMING PLAN

SEAL & SIGNATURE

DATE: 03-31-2014
PROJECT No: 2012185
DRAWN: CAD
CHK: YE
SCALE: As indicated
DWG No: S-275.01
DOB PAGE No: 79 OF 158
DOB B-S-CAN:



1 69TH FLOOR FRAMING PLAN
S-280
SCALE: 3/16" = 1'-0"

- NOTES:
1. SLAB ELEVATION TO BE 1083.7' U.O.N.
 2. SLAB TO BE 12" THICK MIN. U.O.N. ON PLAN.
 3. BOTTOM SLAB REINFORCING TO BE #5@12 CONT. E.W. U.O.N.
 4. R1 INDICATES STAR REACTION DL-12K
 5. FOR BALANCE OF NOTES SEE DRAWING S-001.
 6. FOR STRUCTURE INTEGRITY REINF. ADDL INFORMATION SEE DRAWING S-621.

PROJECT NORTH

TRUE NORTH

DEVELOPER:
EXTELL DEVELOPMENT COMPANY
805 THIRD AVENUE, 7TH FLOOR
NEW YORK, NY 10022 USA
TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT: Base Building Shell & Core
ADRIAN SMITH + GORDON GILL ARCHITECTURE
111 WEST MONROE STREET SUITE 2300
CHICAGO, IL 60603
TEL: 312 920 1888 FAX: 312 920 1775

INTERIOR DESIGNER: Residential
Rottet Architecture and Design Studio, PLLC
298 Fifth Ave, 7th Floor
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TEL: 646 989 7000 FAX:

ARCHITECT OF RECORD: Base Building Shell, Core, & Residential
AJA ARCHITECTS, P.C.
401 Westchester St. W., 3rd Floor
Toronto, ON M5V 1E7 Canada
TEL: 416 967 1500 FAX: 416 967 7150

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New York, NY 10017 USA
TEL: 212 687 8865 FAX: 646 487 5501

MEP ENGINEERS:
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1501 Broadway
New York, NY 10036 USA
TEL: 212 354 5656 FAX: 212 354 5668

GEOTECHNICAL ENGINEERS:
Langan Engineering & Environmental Services
21 Penn Plaza - 360 West 31st Street, 8th Floor
New York, NY 10001-2722
TEL: 212 479 5400 FAX: 212 479 5444

CODE CONSULTANTS:
Construction Consulting Associates
100 Church Street
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TEL: 212 385 1912 FAX: 212 385 1911

CURTAINWALL CONSULTANT:
AJLP Consulting
40 Worth Street, Suite 826
New York, NY 10013
TEL: 212 757 6559 FAX: 646 219 8508

LANDMARK/PRESERVATION CONSULTANT:
Jan Hird Pokorny Associates, Inc.
39 West 37th Street, 12A
New York, NY 10018
TEL: 212 759 6452 FAX: 212 759 6540

No.	DESCRIPTION	DATE
1	SCHEMATIC DESIGN	03-31-2014
2	ISSUED FOR SCHEMATIC DESIGN	04-02-2014
3	SUPERSTRUCTURE CONCRETE BID	06-02-2014
4	DESIGN DEVELOPMENT	07-01-2014
5	ISSUED FOR DESIGN DEVELOPMENT	07-31-2014
6	CD PROGRESS ISSUE 1	10-15-2014
7	DOB SUBMISSION	12-19-2014
8	CONSTRUCTION DOCUMENTS ISSUE 3	03-09-2015
9	PROGRESS CD	05-08-2015
10	CONSTRUCTION DOCUMENTS ISSUE 4	06-01-2015
11	CD PROGRESS ISSUE 5	08-10-2015
12	DOB AMENDMENT 2	09-18-2015

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CONSULTANT:

228 East 45th Street
New York, NY 10017
(212) 687-8865
www.wspgroup.com/usa

PROJECT:
**217 WEST 57TH STREET
NEW YORK, NY**

DRAWING TITLE:
69TH FLOOR - FRAMING PLAN

SEAL & SIGNATURE

DATE: 03-31-2014

PROJECT No: 2012185

DRAWN: CADOT

CHK: YE

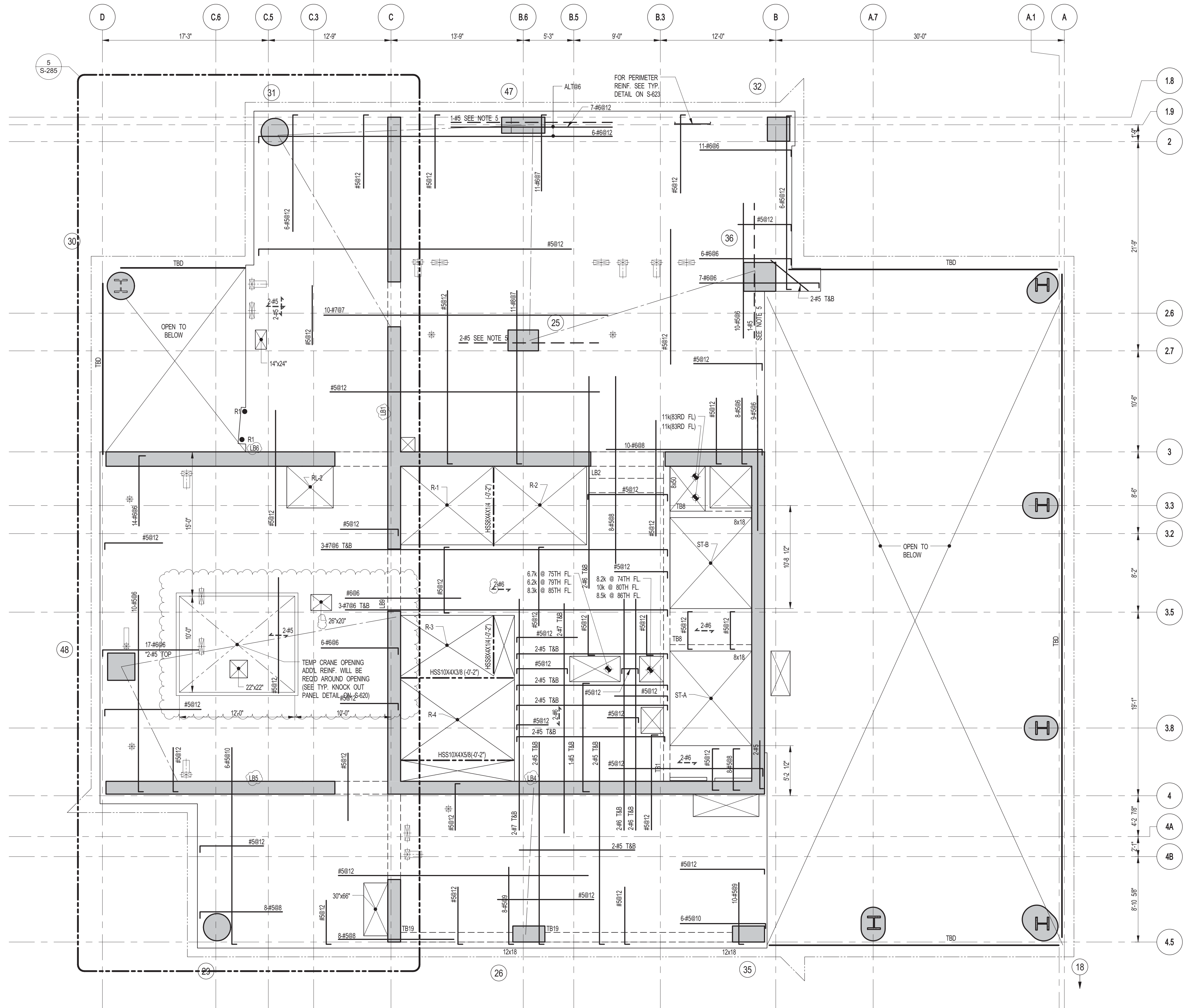
SCALE: As indicated

DWG No: **S-280.01**

DOB PAGE No: 80 OF 158

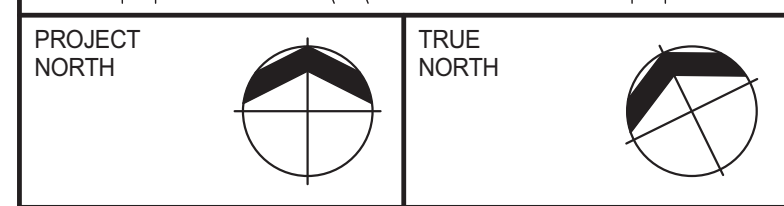
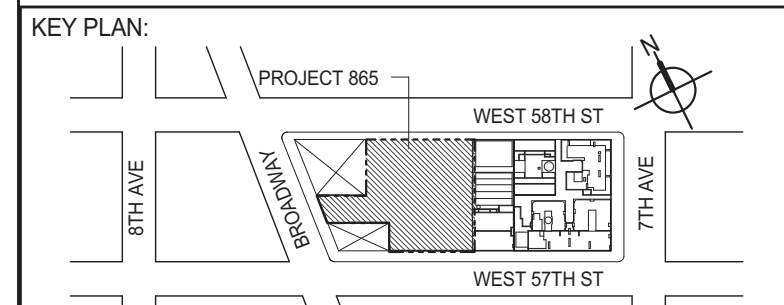
DOB EMPLOYEE STAMP:

DOB B-SCAN:



1 70TH FLOOR FRAMING PLAN
S-282 SCALE: 3/16" = 1'-0"

- NOTES:
1. SLAB ELEVATION TO BE 1099'-7" U.O.N.
 2. SLAB TO BE 12" THICK MIN. U.O.N. ON PLAN
 3. BOTTOM SLAB REINFORCING TO BE #5@12 CONT. E.W. U.O.N.
 4. R1 INDICATES STAR REACTION DETERMINED
 5. FOR BALANCE OF NOTES SEE DRAWING S-01.
 6. FOR STRUCTURE INTEGRITY REIN. ADD. INFORMATION SEE DRAWING S-02.



DEVELOPER: **EXTELL DEVELOPMENT COMPANY**
805 THIRD AVENUE, 7TH FLOOR
NEW YORK, NY 10022 USA
TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT: **Base Building Shell & Core**
ADRIAN SMITH + GORDON GILL ARCHITECTURE
111 WEST MONROE STREET SUITE 2300
CHICAGO, IL 60603
TEL: 312 920 1888 FAX: 312 920 1775

INTERIOR DESIGNER: **Residential**
Rottet Architecture and Design Studio, PLLC
208 Fifth Ave., 7th Floor
New York, NY 10001
TEL: 646 988 7000 FAX:

ARCHITECT OF RECORD: **Base Building Shell, Core, & Residential**
AJA ARCHITECTS, P.C.
401 Wellington St. W., 3rd Floor
Toronto, ON M5V 1E7 Canada
TEL: 416 967 1500 FAX: 416 967 7150

STRUCTURAL ENGINEERS: **WSP**
228 EAST 45th Street
New York, NY 10017 USA
TEL: 212 687 9885 FAX: 646 487 5501

MEP ENGINEERS: **AKF GROUP**
1501 Broadway
New York, NY 10036 USA
TEL: 212 354 5656 FAX: 212 354 5668

GEOTECHNICAL ENGINEERS: **Langan Engineering & Environmental Services**
21 Penn Plaza - 360 West 31st Street, 8th Floor
New York, NY 10001-2727
TEL: 212 479 5400 FAX: 212 479 5444

CODE CONSULTANTS: **Construction Consulting Associates**
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TEL: 212 385 1512 FAX: 212 385 1911

CURTAINWALL CONSULTANT: **AJLP Consulting**
40 Worth Street, Suite 826
New York, NY 10013
TEL: 212 757 6559 FAX: 646 219 8508

LANDMARK/PRESERVATION CONSULTANT: **Jan Hird Pokorny Associates, Inc.**
39 West 37th Street, 12A
New York, NY 10018
TEL: 212 759 6452 FAX: 212 759 6540

No.	DESCRIPTION	DATE
1	SUPERSTRUCTURE CONCRETE BID	06-02-2014
2	CD PROGRESS ISSUE 1	10-15-2014
3	CONSTRUCTION DOCUMENTS ISSUE 3	03-09-2015
4	PROGRESS CD	05-08-2015
5	CONSTRUCTION DOCUMENTS ISSUE 4	06-01-2015
6	CD PROGRESS ISSUE 5	08-10-2015
7	DOB AMENDMENT 2	09-18-2015


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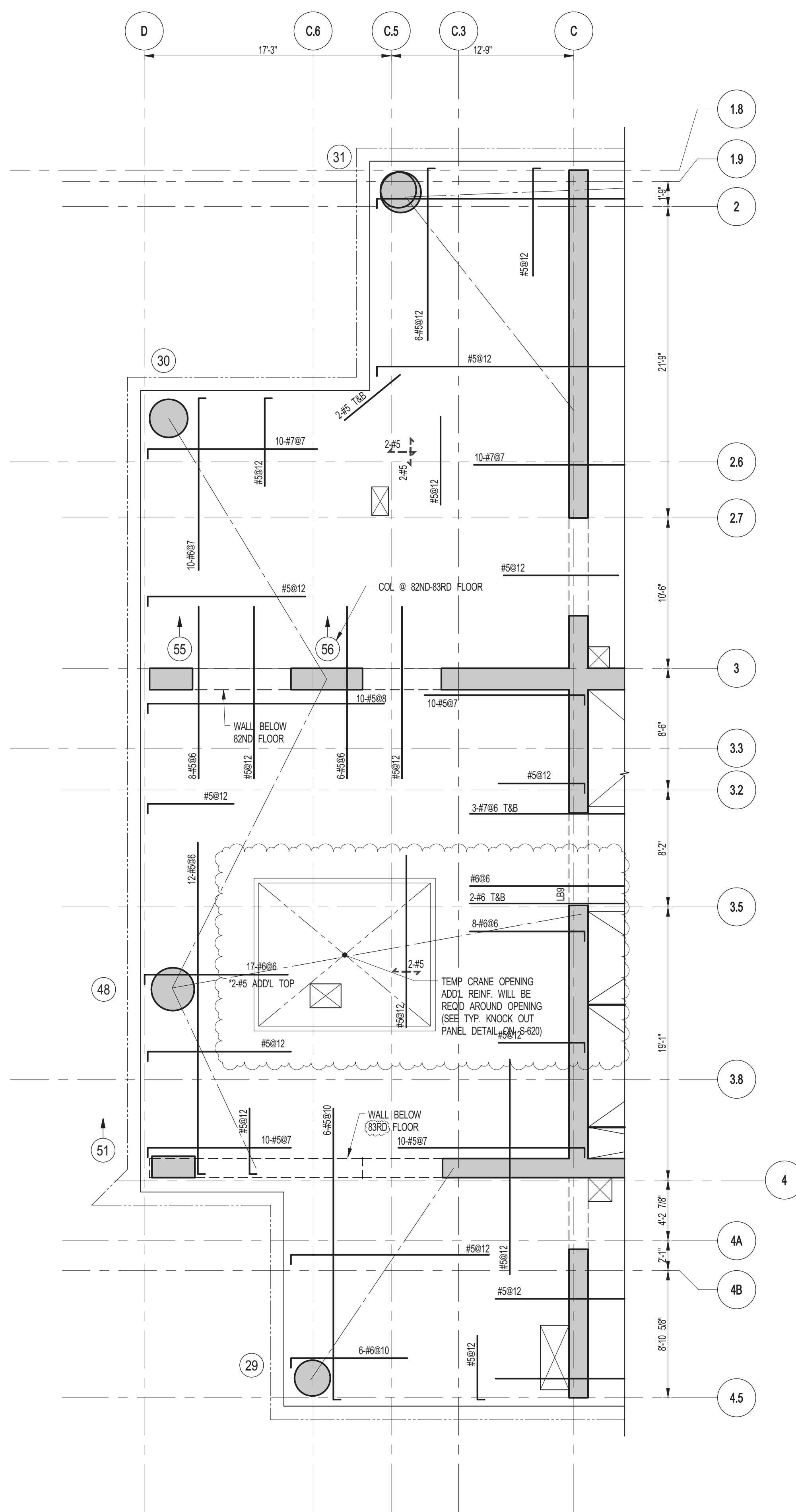
CONSULTANT: **WSP**
228 East 45th Street
New York, NY 10017
(212) 687-9885
www.wspgroup.com/usa

PROJECT: **217 WEST 57TH STREET
NEW YORK, NY**

DRAWING TITLE: **70TH FLOOR - FRAMING PLAN**

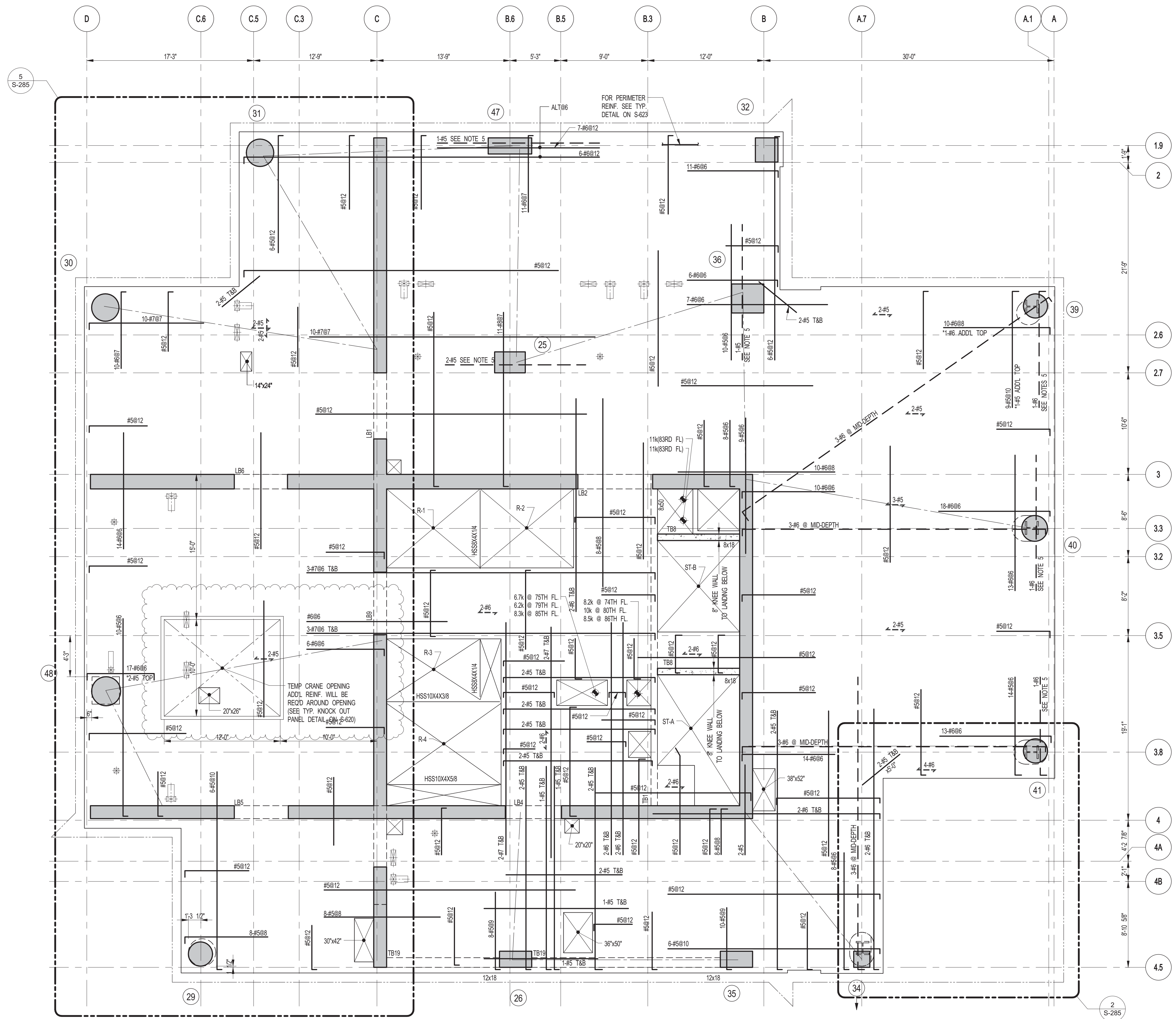
SEAL & SIGNATURE	DATE: 06-02-2014	
	PROJECT No: 2012185	
	DRAWN: Author	REV: 7
	CHK: Checker	
	SCALE: As indicated	
	DWG No: S-282.01	

DOB EMPLOYEE STAMP: DOB B-S-CAN:



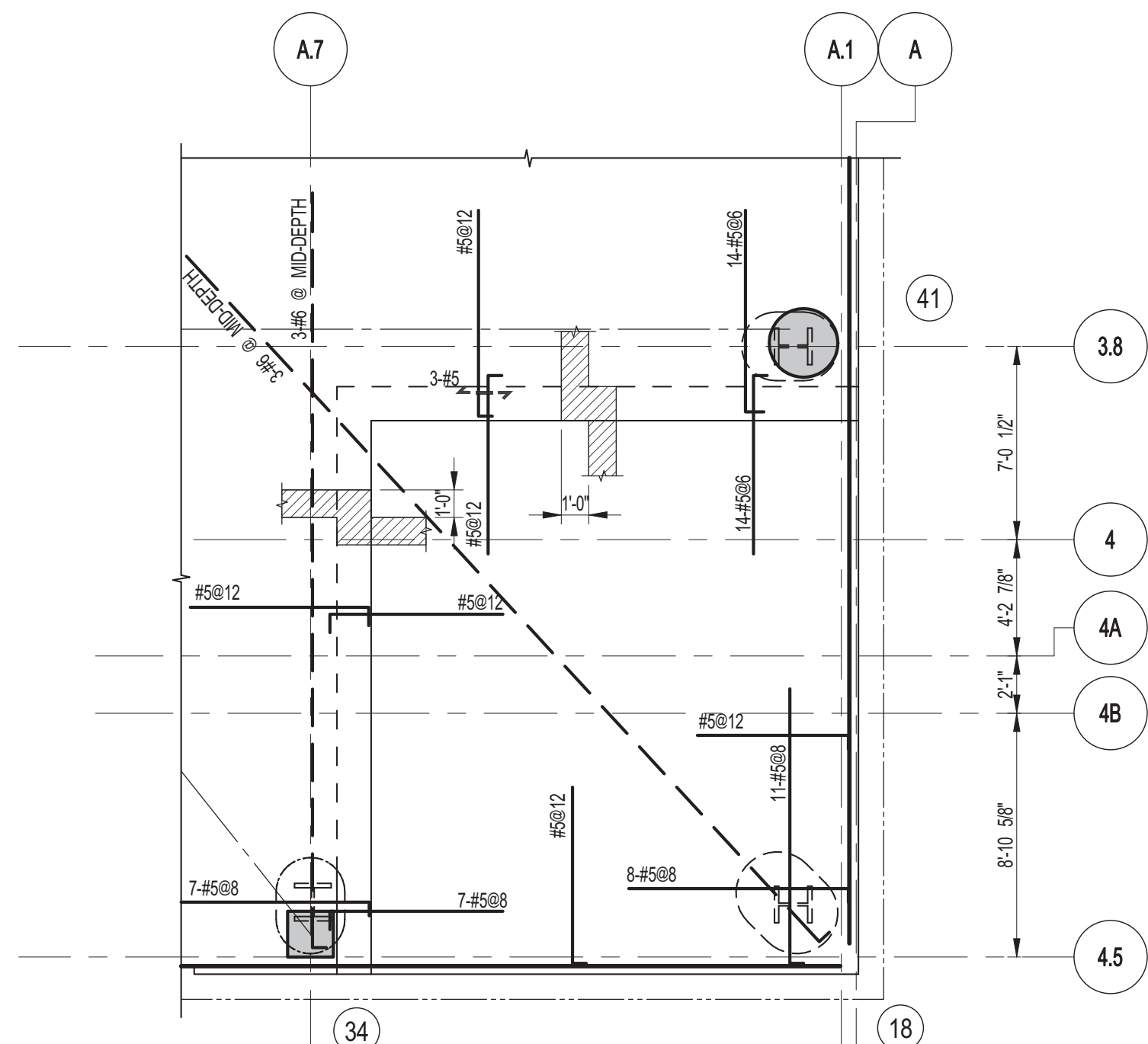
5 83RD-88TH FLOOR PART FRAMING PLAN
SCALE: 3/16" = 1'-0"

NOTES:
1. FOR BALANCE OF INFORMATION SEE THIS DWG.



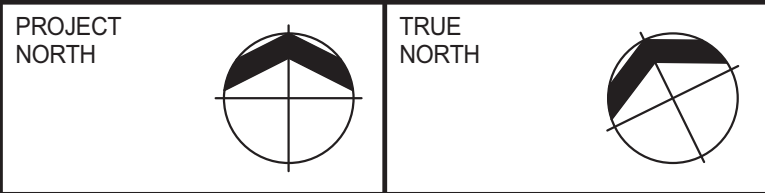
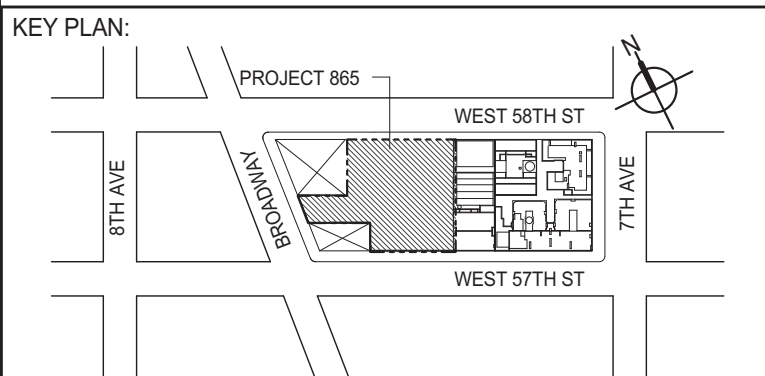
1 71ST TO 88TH FLOOR FRAMING PLAN
SCALE: 3/16" = 1'-0"

- NOTES:
1. SLAB ELEVATION TO BE: 71ST FLOOR 1115'-7"
72ND FLOOR 1128'-5"
73RD FLOOR 1141'-3"
74TH FLOOR 1154'-1"
75TH FLOOR 1166'-11"
76TH FLOOR 1179'-0"
77TH FLOOR 1192'-7"
78TH FLOOR 1205'-5"
79TH FLOOR 1218'-3"
80TH FLOOR 1231'-1"
81ST FLOOR 1243'-11"
82ND FLOOR 1256'-9"
83RD FLOOR 1269'-7"
84TH FLOOR 1282'-5"
85TH FLOOR 1295'-3"
86TH FLOOR 1308'-1"
87TH FLOOR 1321'-11"
88TH FLOOR 1333'-9"
 2. SLAB TO BE 12" THICK MIN. U.O.N. ON PLAN.
 3. BOTTOM SLAB REINFORCING TO BE #5@12 CONT. E.W. U.O.N.
 4. FOR BALANCE OF INFORMATION SEE S-401.
 5. FOR STRUCTURE INTEGRITY REIN. ADD. INFORMATION SEE DRAWING S-421.



2 PART PLAN @ 71ST FLOOR
SCALE: 3/16" = 1'-0"

NOTES:
1. FOR BALANCE OF INFORMATION SEE THIS DWG.



DEVELOPER:
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ADRIAN SMITH + GORDON GILL ARCHITECTURE
111 WEST MONROE STREET SUITE 2300
CHICAGO IL 60603
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TEL: 646 998 7000 FAX:

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TEL: 212 354 5656 FAX: 212 354 5668

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TEL: 212 385 6181 FAX: 212 385 1911

CURTAINWALL CONSULTANT:
AJLP Consulting
40 Worth Street, Suite 826
New York, NY 10013
TEL: 212 757 6559 FAX: 646 219 8508

LANDMARK/PRESERVATION CONSULTANT:
Jan Hird Pokorny Associates, Inc.
39 West 37th Street, 12A
New York, NY 10018
TEL: 212 759 6452 FAX: 212 759 6540

No.	DESCRIPTION	DATE
1	SCHEMATIC DESIGN	03-31-2014
2	ISSUED FOR SCHEMATIC DESIGN	04-04-2014
3	DESIGN DEVELOPMENT	07-01-2014
4	ISSUED FOR DESIGN DEVELOPMENT	07-31-2014
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9	CD PROGRESS ISSUE 5	08-10-2015
10	DOB AMENDMENT 2	09-18-2015

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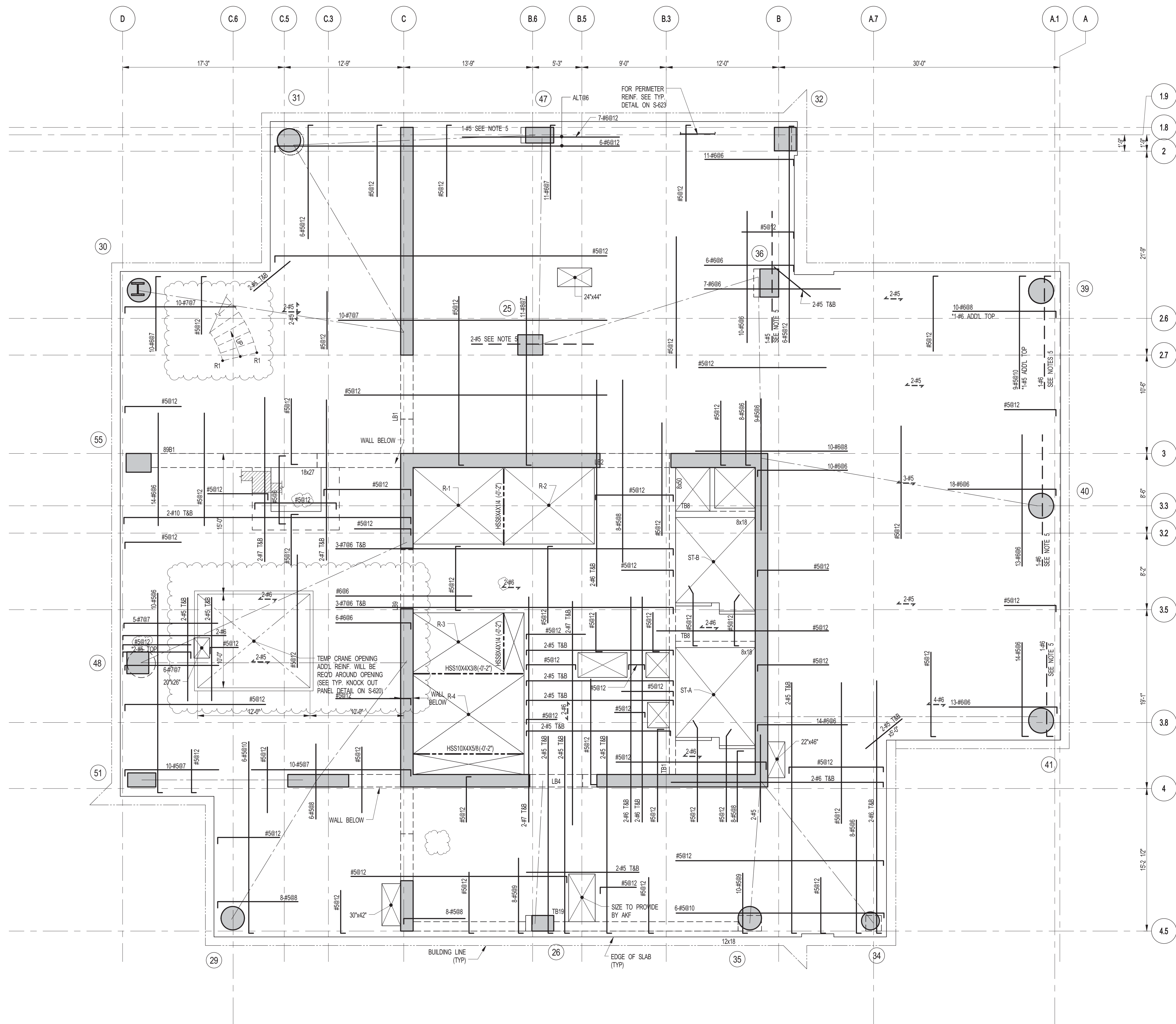
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CONSULTANT:
WSP
228 East 45th Street
New York, NY 10017
(212) 687-8885
www.wspgroup.com/usa

PROJECT:
217 WEST 57TH STREET
NEW YORK, NY

DRAWING TITLE:
71ST-88TH FLOORS - FRAMING PLAN

SEAL & SIGNATURE	DATE: 03-31-2014
	PROJECT No: 2012185
	DRAWN: CADDO
	CHK: YE
	SCALE: As indicated
DWG No:	S-285.01
DOB PAGE No:	82 OF 158
DOB EMPLOYEE ID:	DOB B-SCAN:



1 89TH FLOOR FRAMING PLAN
S-290 SCALE: 3/16" = 1'-0"

- NOTES:
1. SLAB ELEVATION TO BE 1349.9' U.O.N.
 2. SLAB TO BE 12" THICK MIN. U.O.N. ON PLAN.
 3. BOTTOM SLAB REINFORCING TO BE #5@12 CONT. E.W. U.O.N.
 4. R1 INDICATES STAIR REACTION CLIX
 5. FOR BALANCE OF NOTES SEE DRAWING S-01
 6. FOR STRUCTURE INTEGRITY REINF. ADD. INFORMATION SEE DRAWING S-02.

89TH FLOOR BEAM SCHEDULE						
BEAM MARK	SIZE (WxD) (IN)	REINFORCEMENT		STIRRUPS		REMARKS
		BOTTOM CONTINUOUS	TOP CONTINUOUS	TOP ADD'L BARS AT SUPPORT	TYPE	
89B1	18x27	4-#8	3-#7	1-#4	@12	

TYPE 1
STIRRUP TYPES

KEY PLAN

PROJECT NORTH

DEVELOPER:
EXTELL DEVELOPMENT COMPANY
805 THIRD AVENUE, 7TH FLOOR
NEW YORK, NY 10022 USA
TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT:
Base Building Shell & Core
ADRIAN SMITH + GORDON GILL ARCHITECTURE
111 WEST MONROE STREET SUITE 2300
CHICAGO, IL 60603
TEL: 312 920 1888 FAX: 312 920 1775

INTERIOR DESIGNER:
Residential
Rotter Architecture and Design Studio, PLLC
208 Fifth Ave, 7th Floor
New York, NY 10001
TEL: 646 998 7000 FAX:

ARCHITECT OF RECORD:
Base Building Shell, Core, & Residential
AJA ARCHITECTS, P.C.
401 Wellington St. W., 3rd Floor
Toronto, ON M5V 1E7 Canada
TEL: 416 967 1500 FAX: 416 967 7150

STRUCTURAL ENGINEERS:
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228 EAST 45th Street
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TEL: 212 687 9885 FAX: 646 487 5501

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1501 Broadway
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TEL: 212 354 5656 FAX: 212 354 5668

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CURTAINWALL CONSULTANT:
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LANDMARK/PRESERVATION CONSULTANT:
Jan Hird Pokorny Associates, Inc.
39 West 37th Street, 12A
New York, NY 10018
TEL: 212 759 6452 FAX: 212 759 6540

No.	DESCRIPTION	DATE
1	SCHEMATIC DESIGN	03-31-2014
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10	CONSTRUCTION DOCUMENTS ISSUE 4	06-01-2015
11	CD PROGRESS ISSUE 5	08-10-2015
12	DOB AMENDMENT 2	09-18-2015

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CONSULTANT:

WSP
228 East 45th Street
New York, NY 10017
(212) 687-9885
www.wspgroup.com/usa

PROJECT:

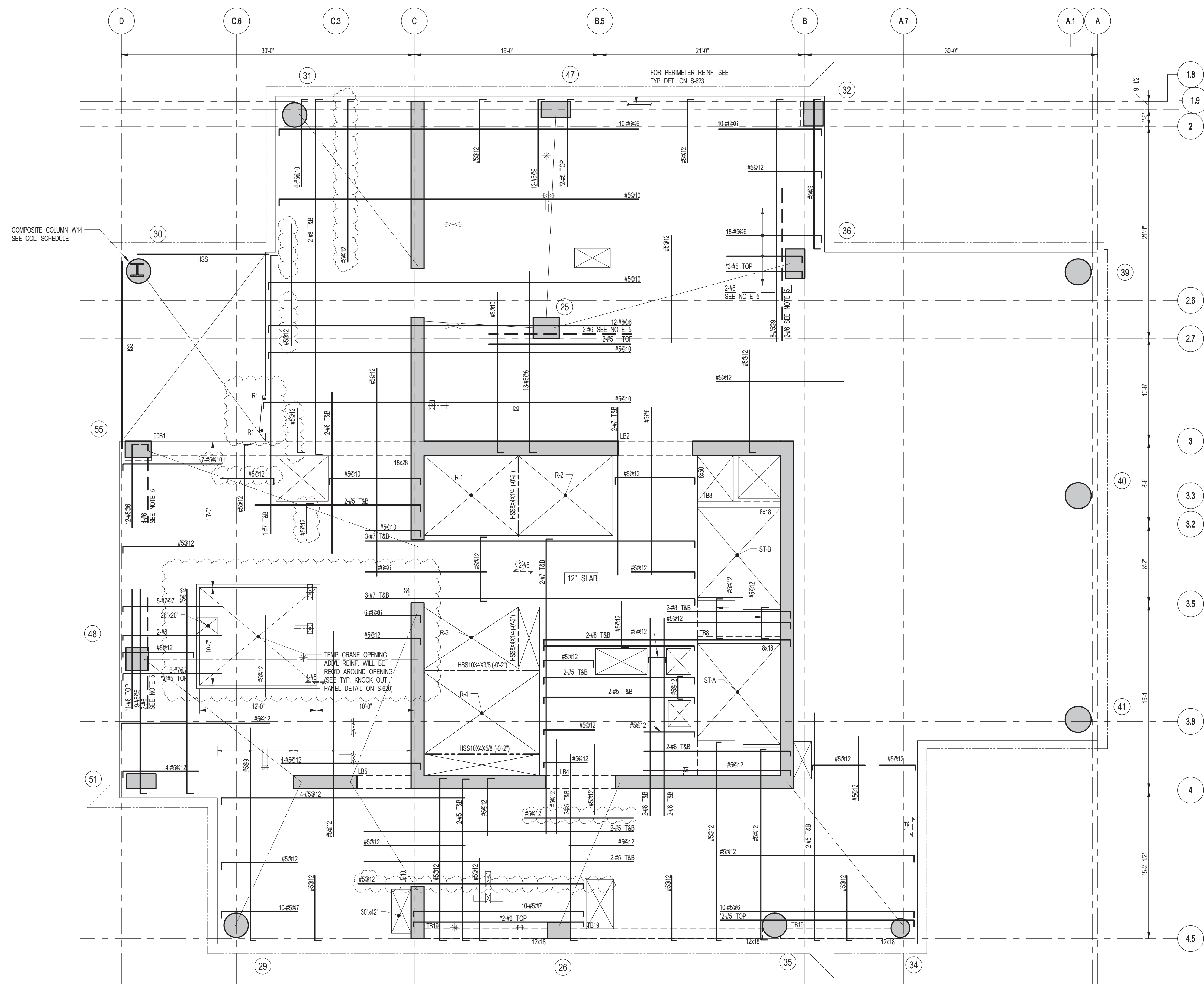
**217 WEST 57TH STREET
NEW YORK, NY**

DRAWING TITLE:

89TH FLOOR - FRAMING PLAN

SEAL & SIGNATURE

DATE: 03-31-2014
PROJECT No: 2012185
DRAWN: CADDO
CHK: YE
SCALE: As indicated
DWG No: **S-290.01**
DOB PAGE No: 83 OF 158
DOB EMPLOYEE STAMP: DGB B-SCAN:



1 90TH FLOOR FRAMING PLAN

S-295 SCALE: 3/16" = 1'-0"

NOTES:

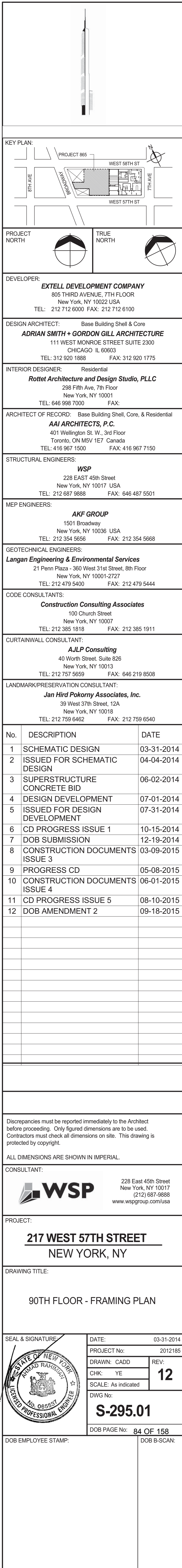
1. SLAB ELEVATION TO BE 1365'-9" U.O.N.
2. SLAB TO BE 12" THICK MIN. U.O.N. ON PLAN.
3. BOTTOM MAT. REINFORCING TO BE #5@12" CONT. E.W. U.O.N.
4. R1 INDICATES STAIR REACTION DL=12K
LL=4K
5. FOR BALANCE OF NOTES SEE DRAWING S-001.
6. FOR STRUCTURE INTEGRITY REINF. ADDL INFORMATION SEE DRAWING S-621

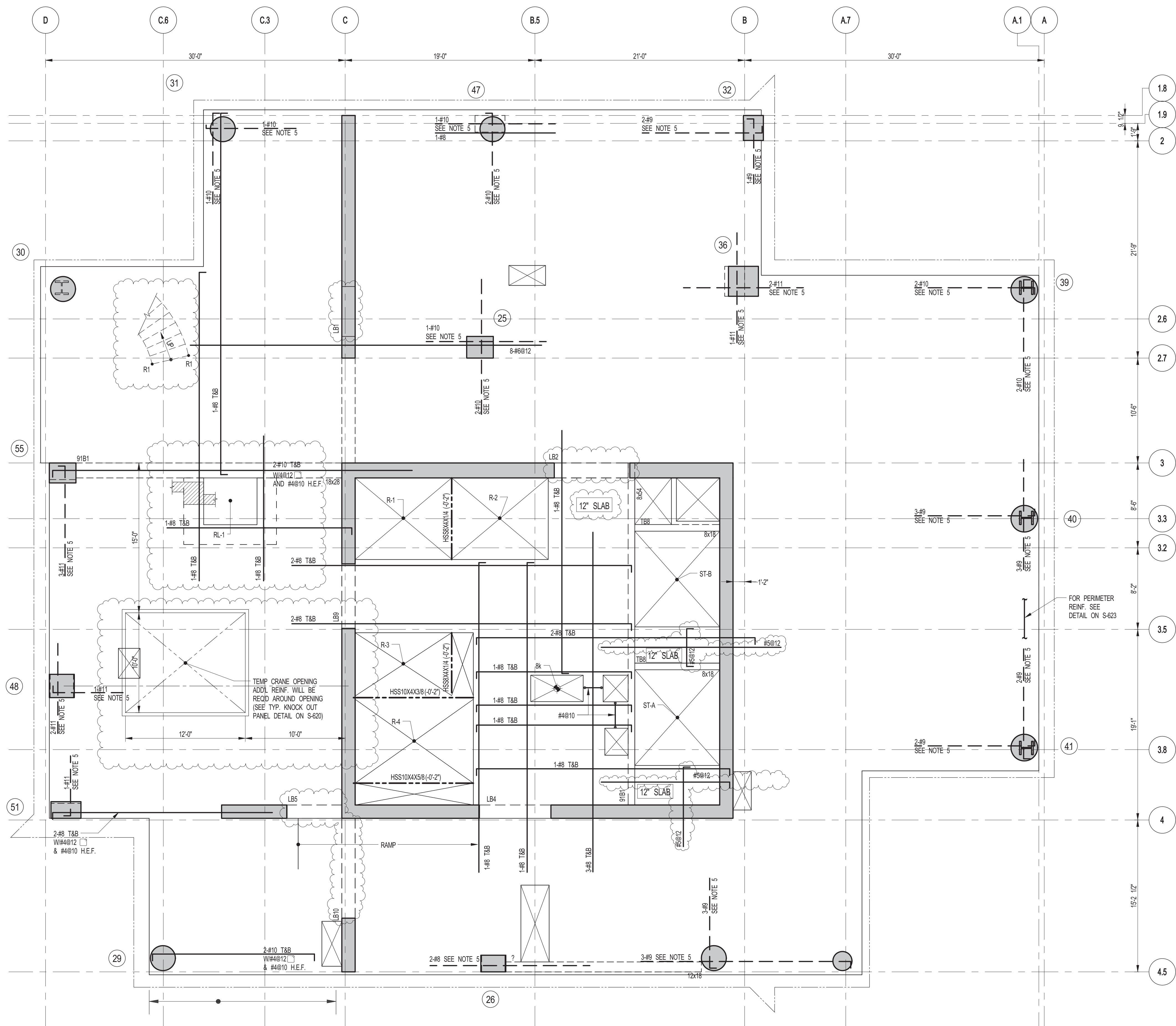
90TH FLOOR BEAM SCHEDULE							
BEAM MARK	SIZE (WxD) (IN.)	REINFORCEMENT			STIRRUPS		REMARKS
		BOTTOM CONTINUOUS	TOP CONTINUOUS	TOP ADDL BARS AT SUPPORT	TYPE	SIZE	
90R1	18x28	4#11	2#8				



TYPE 1

STIRRUP TYPE





1 91ST FLOOR FRAMING PLAN

S-300 SCALE: 3/16" = 1'-0"

NOTES:

1. SLAB ELEVATION TO BE 138'10" U.O.N.
2. SLAB TO BE 12" THICK MIN. U.O.N. ON PLAN.
3. BOTTOM SLAB REINFORCING TO BE #4@10 CONT. E-W. U.O.N.
4. R1 INDICATES STAIR REACTION DL+10K U.O.N.
5. FOR BALANCE OF NOTES SEE DRAWING S-001.
6. FOR STRUCTURE INTEGRITY REIN. ADDL INFORMATION SEE DRAWING S-021.

91ST FLOOR BEAM SCHEDULE

BEAM MARK	SIZE (WxD) (IN.)	REINFORCEMENT		TOP ADDL BARS AT SUPPORT	STIRRUPS		REMARKS
		BOTTOM CONTINUOUS	TOP CONTINUOUS		TYPE	SIZE SPACING	
91B1							

TYPE 1

STIRRUP TYPES

DEPT OF BLDGS

Job Number

ES-07630761

Sheet Count

KEY PLAN

PROJECT #91

WEST 57TH ST

WEST 58TH ST

WEST 59TH ST

7TH AVE

PROJECT NORTH

TRUE NORTH

DEVELOPER:

EXTELL DEVELOPMENT COMPANY

805 THIRD AVENUE, 7TH FLOOR
New York, NY 10022 USA
TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT:

Base Building Shell & Core
ADRIAN SMITH + GORDON GILL ARCHITECTURE
111 WEST MONROE STREET SUITE 2300
CHICAGO, IL 60603
TEL: 312 920 1888 FAX: 312 920 1775

INTERIOR DESIGNER:

Residential
Rottet Architecture and Design Studio, PLLC
208 Fifth Ave, 7th Floor
New York, NY 10001
TEL: 646 998 7000 FAX:

ARCHITECT OF RECORD:

Base Building Shell, Core, & Residential
AJA ARCHITECTS, P.C.
401 Wellington St. W., 3rd Floor
Toronto, ON M5V 1E7 Canada
TEL: 416 967 1500 FAX: 416 967 7150

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TEL: 212 697 8865 FAX: 646 487 5501

MEP ENGINEERS:

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1501 Broadway
New York, NY 10036 USA
TEL: 212 354 5656 FAX: 212 354 5668

GEOTECHNICAL ENGINEERS:

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21 Penn Plaza - 360 West 31st Street, 8th Floor
New York, NY 10001-2727
TEL: 212 479 5400 FAX: 212 479 5444

CODE CONSULTANTS:

Construction Consulting Associates
100 Church Street
New York, NY 10007
TEL: 212 385 1515 FAX: 212 385 1911

CURTAINWALL CONSULTANT:

AJLP Consulting
40 Worth Street, Suite 826
New York, NY 10013
TEL: 212 757 6559 FAX: 646 219 8508

LANDMARK/PRESERVATION CONSULTANT:

Jan Hird Pokorny Associates, Inc.
39 West 37th Street, 12A
New York, NY 10018
TEL: 212 759 6452 FAX: 212 759 6540

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11	CD PROGRESS ISSUE 5	08-10-2015
12	DOB AMENDMENT 2	09-18-2015

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CONSULTANT:

WSP

228 East 45th Street
New York, NY 10017
(212) 697-8865
www.wspgroup.com/usa

PROJECT:

217 WEST 57TH STREET
NEW YORK, NY

DRAWING TITLE:

91ST FLOOR - FRAMING PLAN

SEAL & SIGNATURE

DATE: 03-31-2014

PROJECT No: 2012185

DRAWN: CADOT

CHK: YE

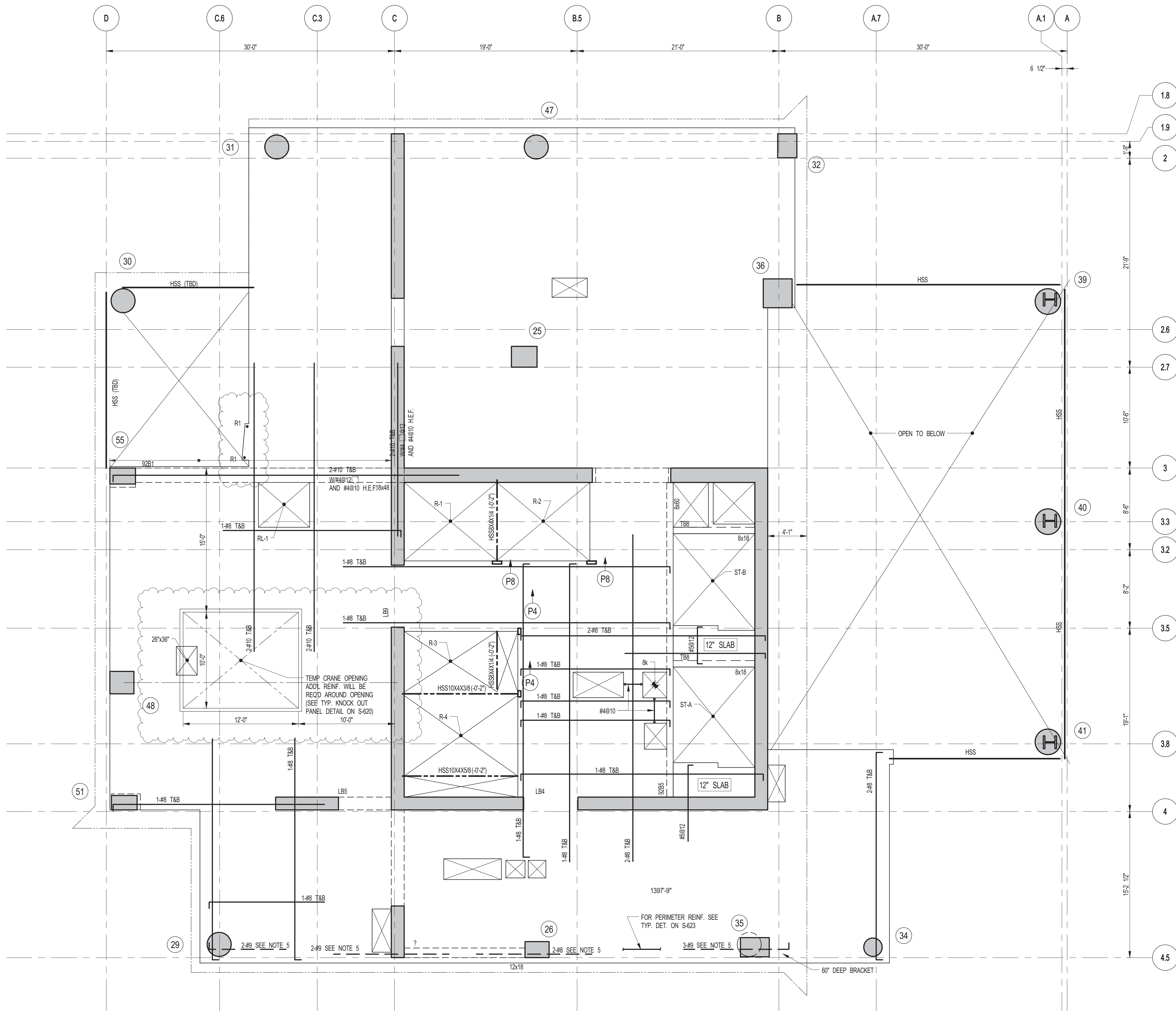
SCALE: As indicated

DWG No: **S-300.01**

DOB PAGE No: 85 OF 158

DOB EMPLOYEE STAMP:

DOB B-SOON:



1 92ND FLOOR FRAMING PLAN

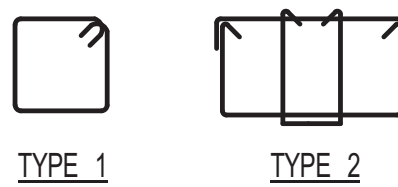
S-305 SCALE: 3/16" = 1'-0"

NOTES:

1. TBSL ELEVATION TO BE 1307'-9" U.O.N.
2. SLAB TO BE 12" THICK MIN. U.O.N. ON PLAN
3. BOTTOM MAT REINFORCING TO BE #5@12 CONT. E.W. FOR 12" SLAB U.O.N.
4. R1 INDICATES STAR REACTION DUE TO U-LOCK
5. FOR STRUCTURAL INTEGRITY REINFORCING INFORMATION SEE DRAWING S-421
6. FOR BALANCE OF INFORMATION SEE DRAWING S-201

92ND FLOOR BEAM SCHEDULE

BEAM MARK	SIZE (WxD) (IN.)	REINFORCEMENT			STIRRUPS			REMARKS
		BOTTOM CONTINUOUS	TOP CONTINUOUS	TOP ADD'L BARS AT SUPPORT	TYPE	SIZE	SPACING	
92B1	18x18	2#11	2#9		1	#4	@12	
92B4	18x18		2#9		1	#4	@12	
92B5	8x10				1	#4	@12	



STIRRUP TYPES

KEY PLAN

PROJECT NORTH

TRUE NORTH

DEVELOPER:

EXTELL DEVELOPMENT COMPANY
805 THIRD AVENUE, 7TH FLOOR
NEW YORK, NY 10022 USA
TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT:

Base Building Shell & Core
ADRIAN SMITH + GORDON GILL ARCHITECTURE
111 WEST MONROE STREET SUITE 2300
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TEL: 312 920 1888 FAX: 312 920 1775

INTERIOR DESIGNER:

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208 Fifth Ave., 7th Floor
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ARCHITECT OF RECORD:

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Toronto, ON M5V 1E7 Canada
TEL: 416 967 1500 FAX: 416 967 7150

STRUCTURAL ENGINEERS:

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228 East 45th Street
New York, NY 10017 USA
TEL: 212 687 9885 FAX: 646 487 5501

MEP ENGINEERS:

AKF GROUP
1501 Broadway
New York, NY 10036 USA
TEL: 212 354 5656 FAX: 212 354 5668

GEOTECHNICAL ENGINEERS:

Langan Engineering & Environmental Services
21 Penn Plaza - 360 West 31st Street, 8th Floor
New York, NY 10001-2722
TEL: 212 479 5400 FAX: 212 479 5444

CODE CONSULTANTS:

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100 Church Street
New York, NY 10007
TEL: 212 385 1918 FAX: 212 385 1911

CURTAINWALL CONSULTANT:

AJLP Consulting
40 Worth Street, Suite 826
New York, NY 10013
TEL: 212 757 6559 FAX: 646 219 8508

LANDMARK/PRESERVATION CONSULTANT:

Jan Hird Pokorny Associates, Inc.
39 West 37th Street, 12A
New York, NY 10018
TEL: 212 759 6462 FAX: 212 759 6540

No.	DESCRIPTION	DATE
1	SCHEMATIC DESIGN	03-31-2014
2	ISSUED FOR SCHEMATIC DESIGN	04-04-2014
3	SUPERSTRUCTURE CONCRETE BID	06-02-2014
4	DESIGN DEVELOPMENT	07-01-2014
5	ISSUED FOR DESIGN DEVELOPMENT	07-31-2014
6	CD PROGRESS ISSUE 1	10-15-2014
7	DOB SUBMISSION	12-19-2014
8	CONSTRUCTION DOCUMENTS ISSUE 3	03-09-2015
9	PROGRESS CD	05-08-2015
10	CONSTRUCTION DOCUMENTS ISSUE 4	06-01-2015
11	CD PROGRESS ISSUE 5	08-10-2015
12	DOB AMENDMENT 2	09-18-2015

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CONSULTANT:

WSP
228 East 45th Street
New York, NY 10017
(212) 687-9885
www.wspgroup.com/usa

PROJECT:

217 WEST 57TH STREET
NEW YORK, NY

DRAWING TITLE:

92ND FLOOR - FRAMING PLAN

SEAL & SIGNATURE

DATE: 03-31-2014

PROJECT No: 2012185

DRAWN: CADDO

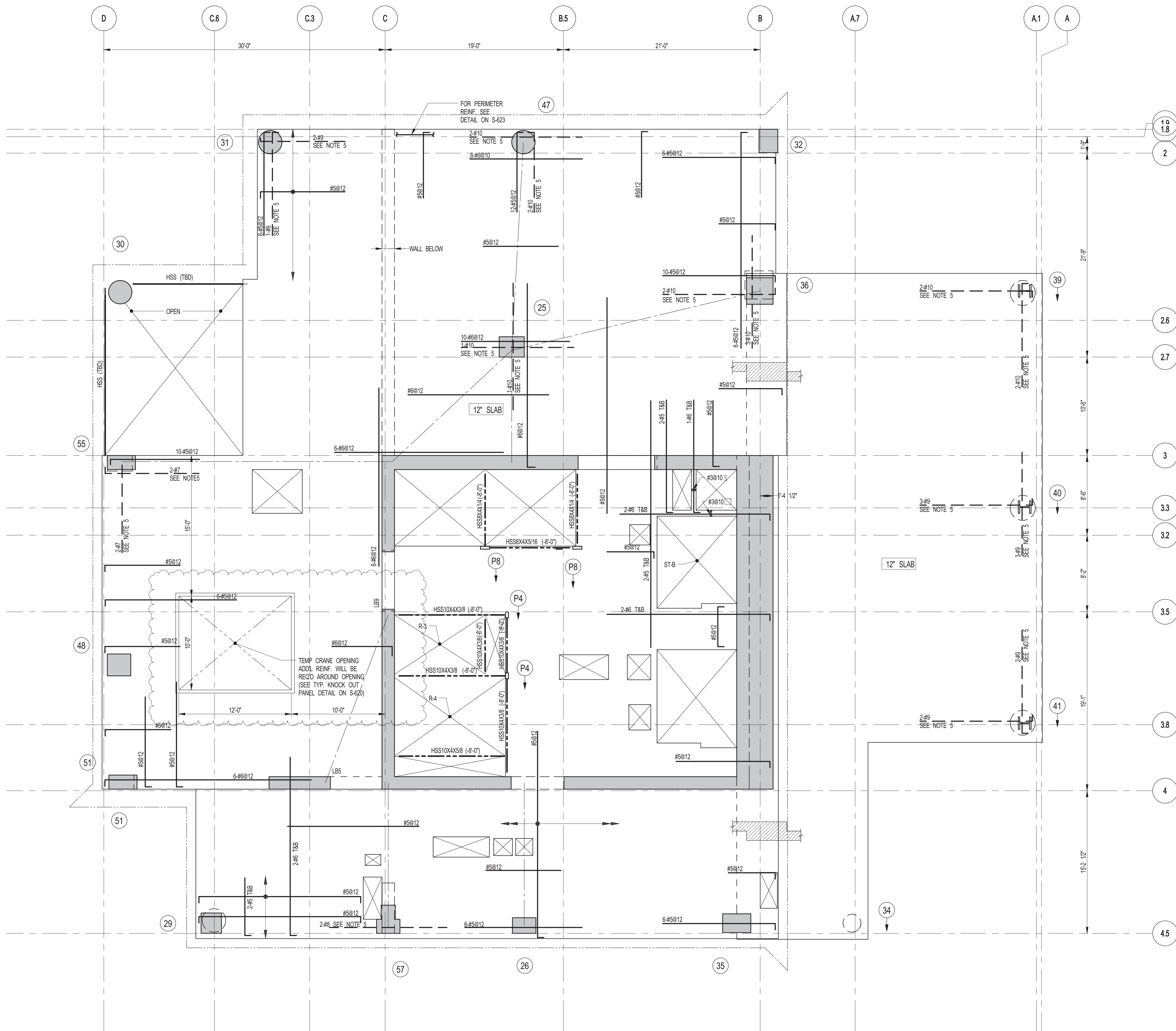
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SCALE: As Indicated

DWG No: **S-305.01**

DOB PAGE No: 86 OF 158


DOB EMPLOYEE STAMP: UCS B-S-00N



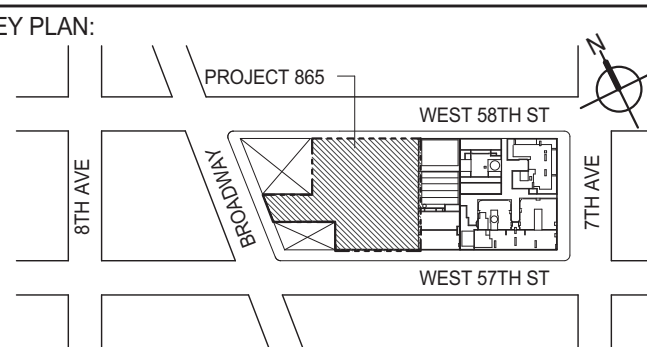
1 93RD FLOOR FRAMING PLAN
S-310
SCALE: 3/16" = 1'-0"

NOTES:


1. SLAB ELEVATION TO BE 1418'-6" U.O.N.
2. SLAB TO BE 12" THICK MIN. U.O.N. ON PLAN.
3. BOTTOM MAT REINFORCING TO BE #5@2 CONT. E-W U.O.N.
4. R1 INDICATES STAIR REACTION DL=10K U.O.N.
5. FOR BALANCE OF NOTES SEE DRAWING S-01.
6. FOR STRUCTURE INTEGRITY REIN. ADD INFORMATION SEE DRAWING S-01.




KEY PLAN



PROJECT NORTH



TRUE NORTH



DEVELOPER:
EXTELL DEVELOPMENT COMPANY
805 THIRD AVENUE, 7TH FLOOR
NEW YORK, NY 10022 USA
TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT: Base Building Shell & Core
ADRIAN SMITH + GORDON GILL ARCHITECTURE
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INTERIOR DESIGNER: Residential
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LANDMARK/PRESERVATION CONSULTANT:
Jan Hird Pokorny Associates, Inc.
39 West 37th Street, 12A
New York, NY 10018
TEL: 212 759 6462 FAX: 212 759 6540

No.	DESCRIPTION	DATE
1	SUPERSTRUCTURE CONCRETE BID	06-02-2014
2	DESIGN DEVELOPMENT	07-01-2014
3	ISSUED FOR DESIGN DEVELOPMENT	07-31-2014
4	CD PROGRESS ISSUE 1	10-15-2014
5	DOB SUBMISSION	12-19-2014
6	CONSTRUCTION DOCUMENTS ISSUE 3	03-09-2015
7	PROGRESS CD	05-08-2015
8	CONSTRUCTION DOCUMENTS ISSUE 4	06-01-2015
9	CD PROGRESS ISSUE 5	08-10-2015
10	DOB AMENDMENT 2	09-18-2015

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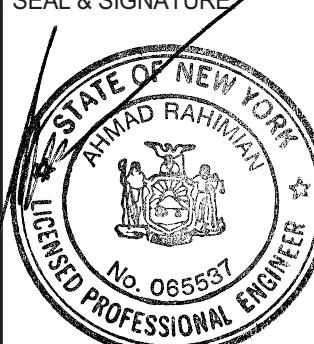
ALL DIMENSIONS ARE SHOWN IN IMPERIAL.

CONSULTANT:
**WSP**
228 East 45th Street
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PROJECT:
217 WEST 57TH STREET
NEW YORK, NY

DRAWING TITLE:
93RD FLOOR FRAMING PLAN

SEAL & SIGNATURE

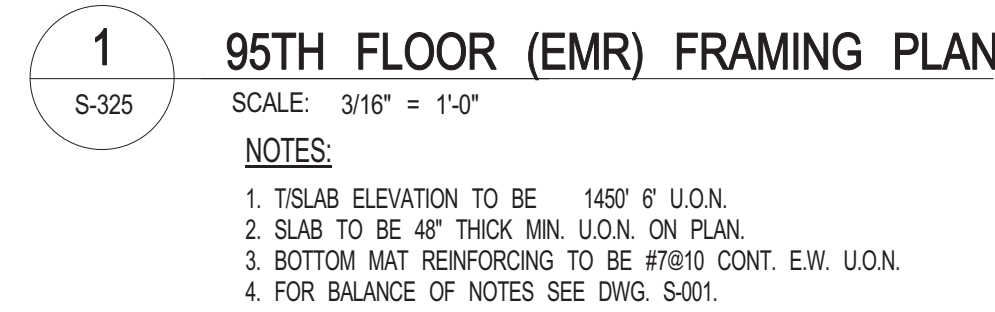


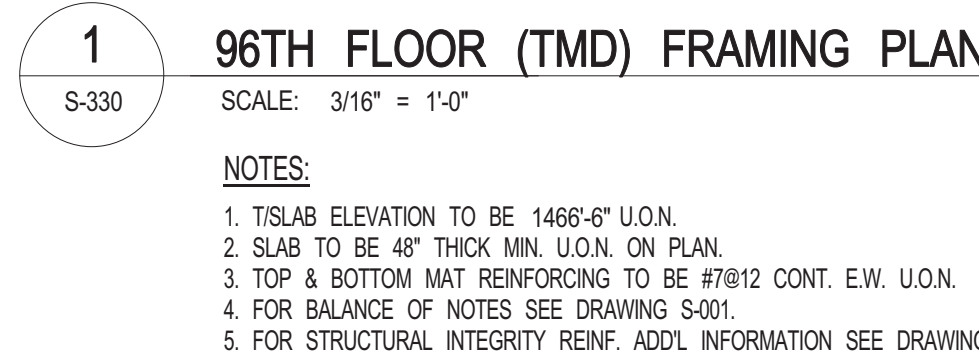
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PROJECT No: 2012185
DRAWN: CADDO
CHK: YE
SCALE: As indicated
DWG No:
DOB PAGE No: 87 OF 158

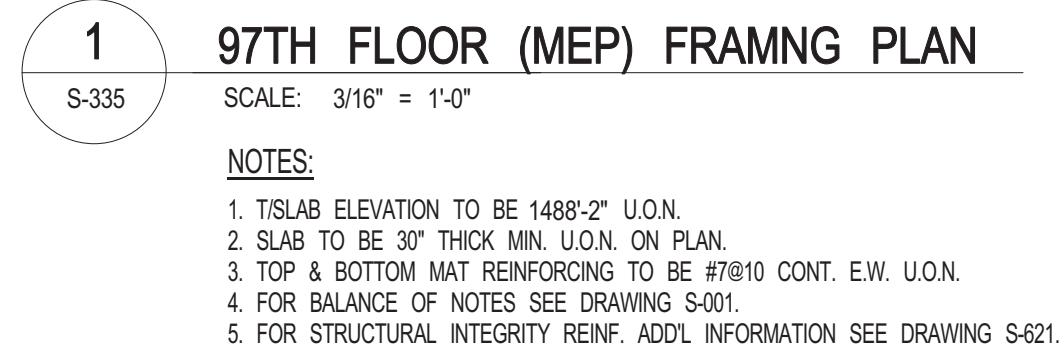
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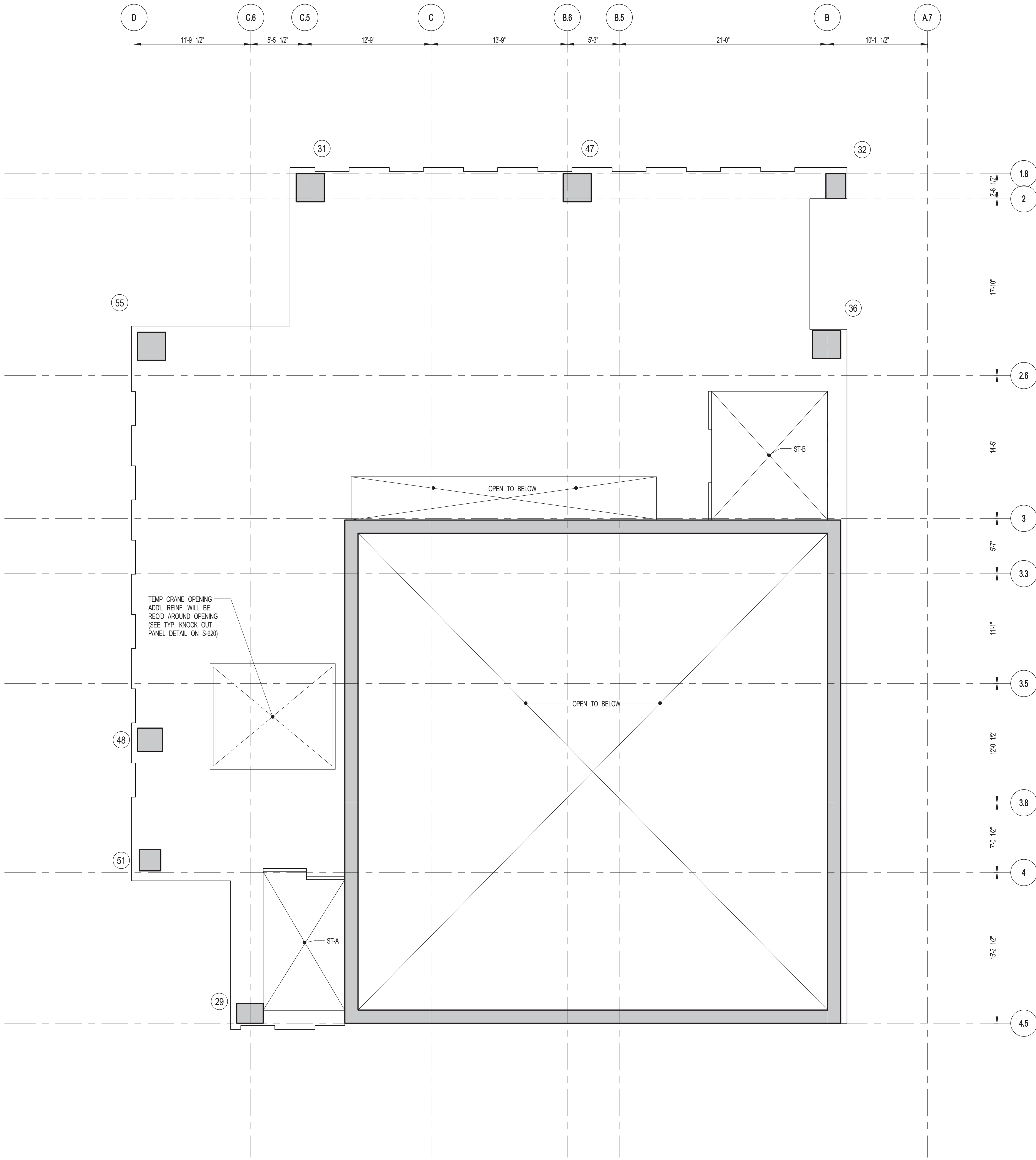
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S-310.01





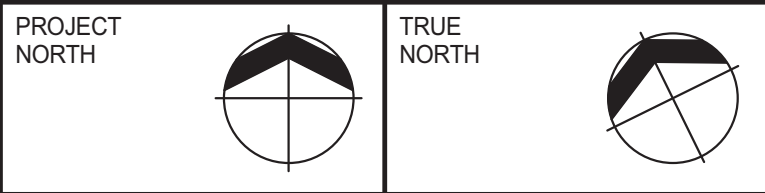
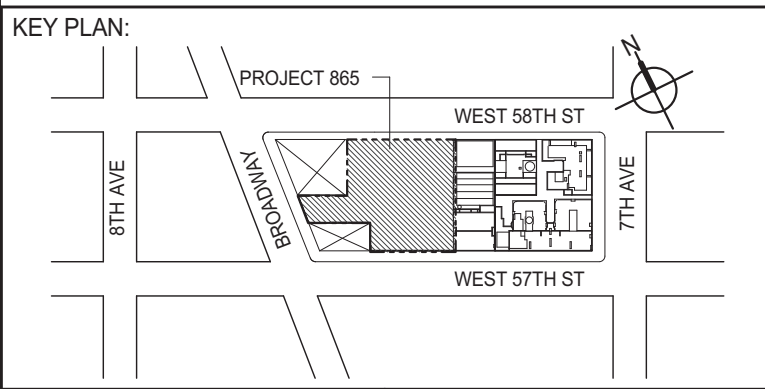




1 98TH FLOOR (MEP) FRAMING PLAN
S-340 SCALE: 3/16" = 1'-0"

NOTES

1. SLAB ELEVATION TO BE 1000'-8" U.O.D.
2. SLAB TO BE 30" THICK MIN. U.O.D. ON PLAN.
3. TOP & BOTTOM REINFORCING TO BE #7@10 CONT. E.W. U.O.D.
4. FOR BALANCE OF NOTES SEE DRAWING S-401.
5. FOR STRUCTURAL INTEGRITY REINF. ADDL INFORMATION SEE DRAWING S-421.



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TEL: 212 759 6452 FAX: 212 759 6540

No.	DESCRIPTION	DATE
1	CD PROGRESS ISSUE 5	08-10-2015
2	DOB AMENDMENT 2	09-18-2015

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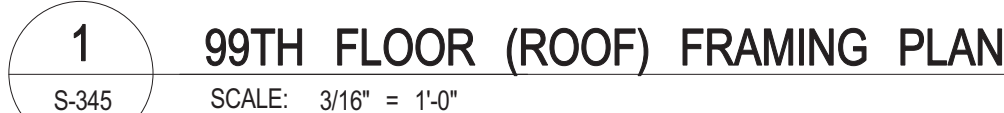
CONSULTANT: **WSP**
228 East 45th Street
New York, NY 10017
(212) 687-8855
www.wspgroup.com/usa

PROJECT: **217 WEST 57TH STREET
NEW YORK, NY**

DRAWING TITLE: **98th FLOOR (MEP) FRAMING PLAN**

SEAL & SIGNATURE	DATE: 08-10-2015	
	PROJECT No: 2012185	
	DRAWN: Author	REV: 2
	CHK: Checker	SCALE: As indicated
	DWG No: S-340.00	DOB PAGE No: 82 OF 158

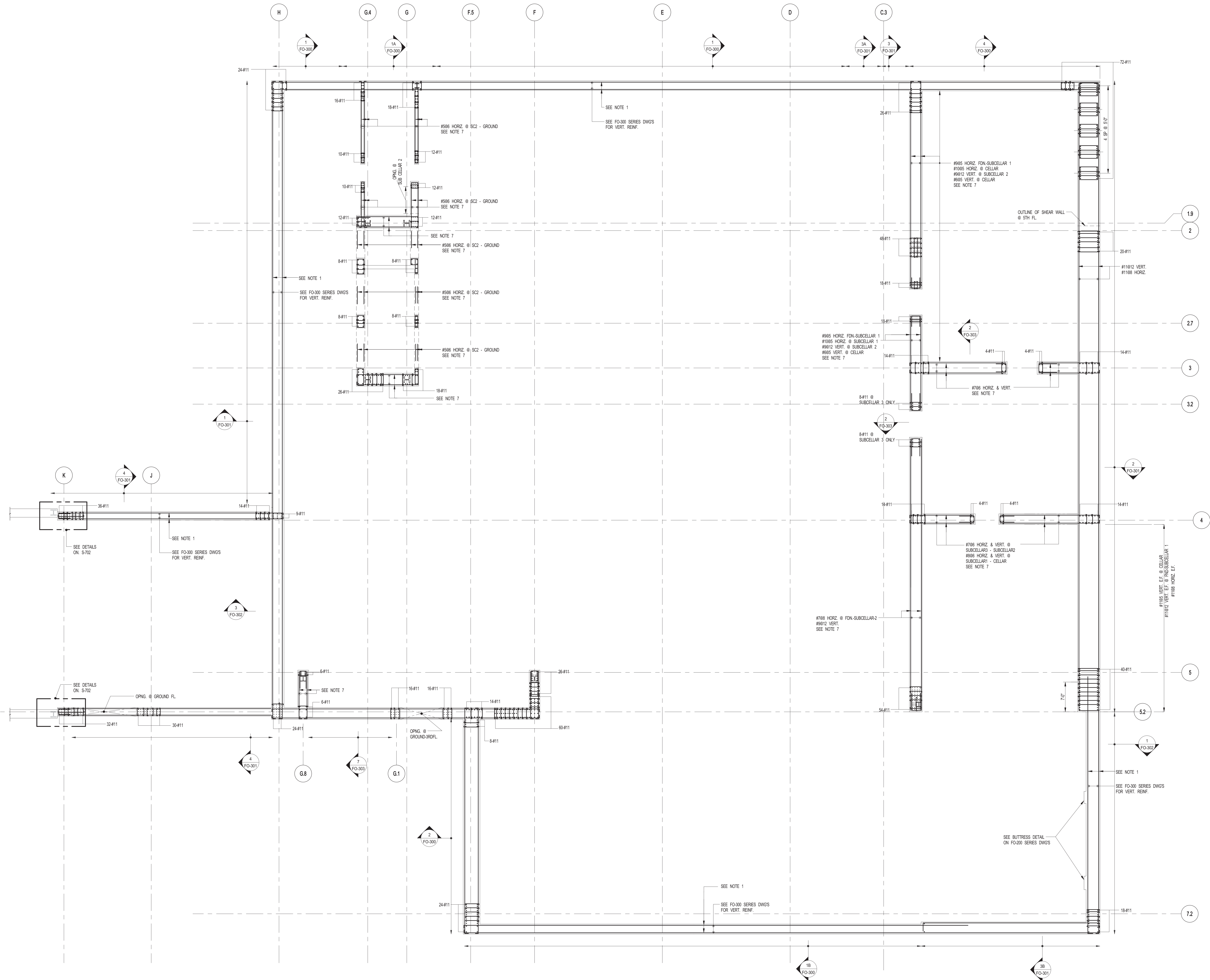
DOB EMPLOYEE STAMP: UCS B-S-00N



NOTES:

1. TISLAB ELEVATION TO BE 1514'-0" U.O.N.
2. SLAB TO BE 48" THICK MIN. U.O.N. ON PLAN.
3. TOP & BOTTOM MAT REINFORCING TO BE #7@12 CONT. E.W. U.O.N.
4. FOR BALANCE OF NOTES SEE DRAWING S-001.
5. FOR STRUCTURAL INTEGRITY REINF. ADDL. INFORMATION SEE DRAWING S-021.



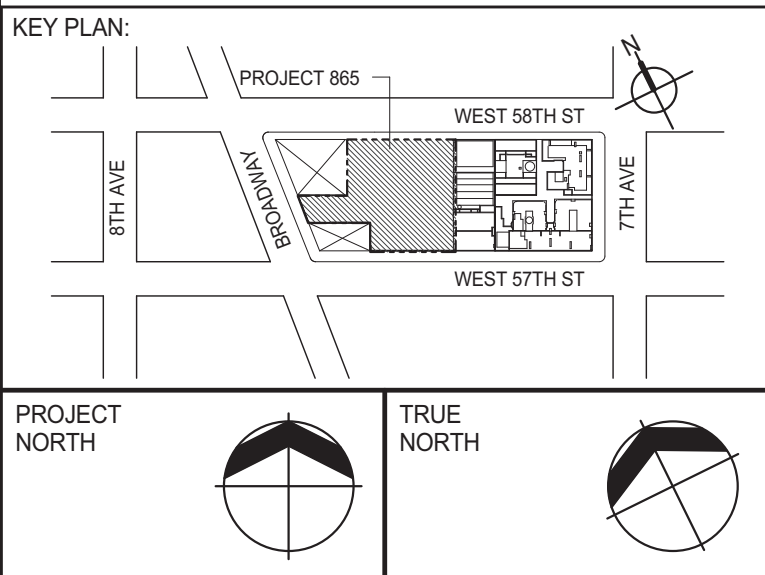


FOR FOUNDATION DOWELS AND FOUNDATION/SHEARWALL
REINFORCEMENT UP TO GROUND FLOOR

1 SHEARWALL REINFORCEMENT PLAN @ FOUNDATION TO U/S GROUND FLOOR

S-400 SCALE: 1/8" = 1'-0"

- NOTES:
1. FOR HORIZONTAL REINFORCEMENT IN FOUNDATION WALLS USE THE MORE ONEROUS OF THE TYPICAL SHEARWALL REIN. SCHEDULE ON S-430 OR AS SHOWN ON FOUNDATION WALL SECTIONS ON FO-300 SERIES.
 2. SEE S-430 FOR SHEARWALL TYPICAL DETAILS.
 3. SEE FO-300 FOR GENERAL NOTES.
 4. ALL VERTICAL WALL REINFORCEMENT SHOWN ON THIS DWG. IS IN ADDITION TO REINFORCEMENT SHOWN ON FO-300 SERIES DWG.
 5. ALL #11 SHALL BE GRADE 60 U.S.A.
 6. ALL #14 SHALL BE GRADE 60 U.S.A.
 7. FOR BALANCE-OR REIN. NOT SHOWN ON PLAN, SEE TABLE OF SHEARWALL TYPICAL MINIMUM REINFORCEMENT ON DWG. S-430.
 8. SEE FRAMING PLANS & SHEARWALL ELEVATION FOR SIZE OF SHEARWALL OPENINGS.
 9. FOR LINK BEAM SCHEDULE SEE S-440 SERIES DRAWINGS.



DEVELOPER:
EXTELL DEVELOPMENT COMPANY
805 THIRD AVENUE, 7TH FLOOR
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TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT: Base Building Shell & Core
ADRIAN SMITH + GORDON GILL ARCHITECTURE
111 WEST MONROE STREET SUITE 2300
CHICAGO IL 60603
TEL: 312 920 1888 FAX: 312 920 1775

INTERIOR DESIGNER: Residential
Rottet Architecture and Design Studio, PLLC
208 Fifth Ave, 7th Floor
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ARCHITECT OF RECORD: Base Building Shell, Core, & Residential
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CODE CONSULTANTS:
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TEL: 212 759 6452 FAX: 212 759 6540

No.	DESCRIPTION	DATE
1	SCHEMATIC DESIGN	03-31-2014
2	FOUNDATION BID PACKAGE	03-31-2014
3	ISSUED FOR SCHEMATIC DESIGN	04-04-2014
4	FOUNDATION BID PACKAGE	04-04-2014
5	SUPERSTRUCTURE CONCRETE BID	06-02-2014
6	DESIGN DEVELOPMENT	07-01-2014
7	ISSUED FOR DESIGN DEVELOPMENT	07-31-2014
8	STRUCTURAL STEEL BID	09-15-2014
9	STRUCTURAL STEEL BID-ADDENDUM	10-01-2014
10	CD PROGRESS ISSUE 1	10-15-2014
11	ISSUED FOR CONSTRUCTION UP TO GROUND FLOOR ONLY	10-17-2014
12	ISSUED FOR CONSTRUCTION UP TO 5TH FLOOR ONLY	11-07-2014
13	DOB SUBMISSION	12-19-2014
14	DOB SUBMISSION	02-05-2015
15	CD UPDATE ISSUE	02-10-2015
16	PROGRESS CD	05-08-2015
17	CD PROGRESS ISSUE 5	08-10-2015
18	DOB AMENDMENT 2	09-18-2015

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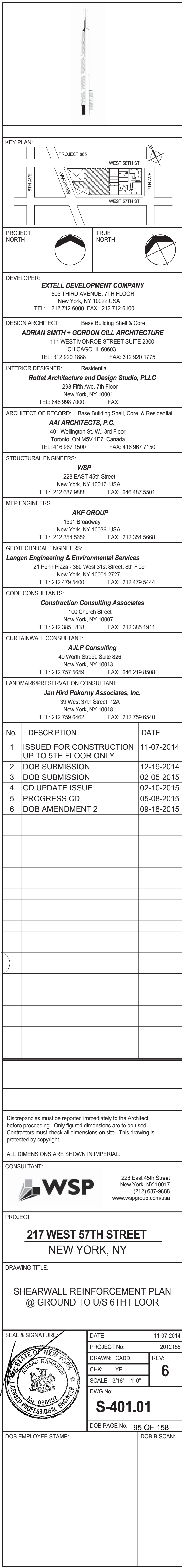
CONSULTANT:
WSP
228 East 45th Street
New York, NY 10017
(212) 687-8885
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PROJECT:
**217 WEST 57TH STREET
NEW YORK, NY**

DRAWING TITLE:
**SHEARWALL REINFORCEMENT PLAN
@ FOUNDATION TO U/S GROUND
FLOOR**

SEAL & SIGNATURE: PROJECT No: 2012185
DATE: 03-31-2014
DRAWN: CAD0 REV: 18
CHK: YE
SCALE: 1/8" = 1'-0"
DWG No: S-400.01

DOB PAGE No: 84 OF 158
DOB EMPLOYEE STAMP: DOB B-S-CAN:





DESIGN ARCHITECT: Base Building Shell & Core
ADRIAN SMITH + GORDON GILL ARCHITECTURE
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39 West 37th Street, 12A
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TEL: 212 757 3659 FAX: 212 757 8508

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ALL DIMENSIONS ARE SHOWN IN IMPERIAL.

PROJECT:

217 WEST 57TH STREET

NEW YORK, NY

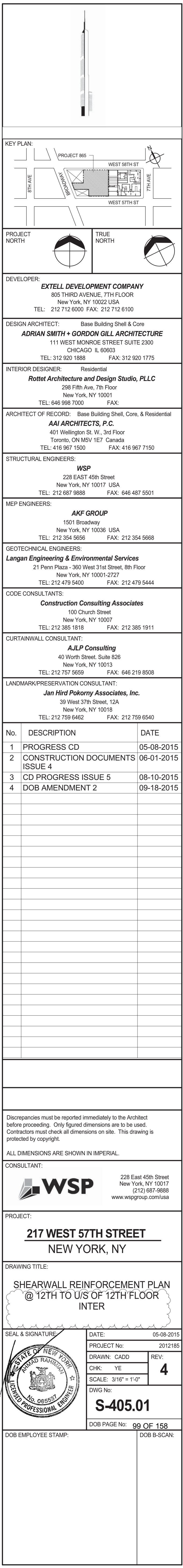
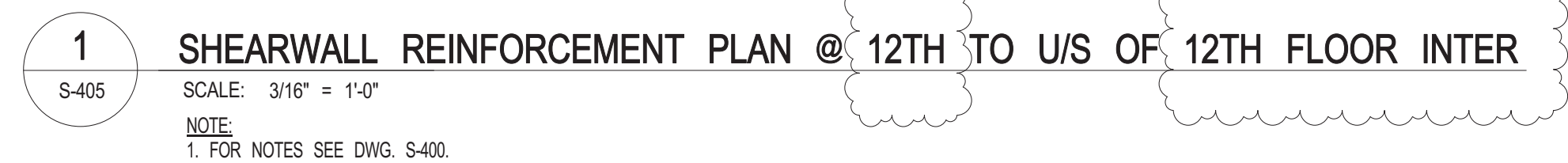
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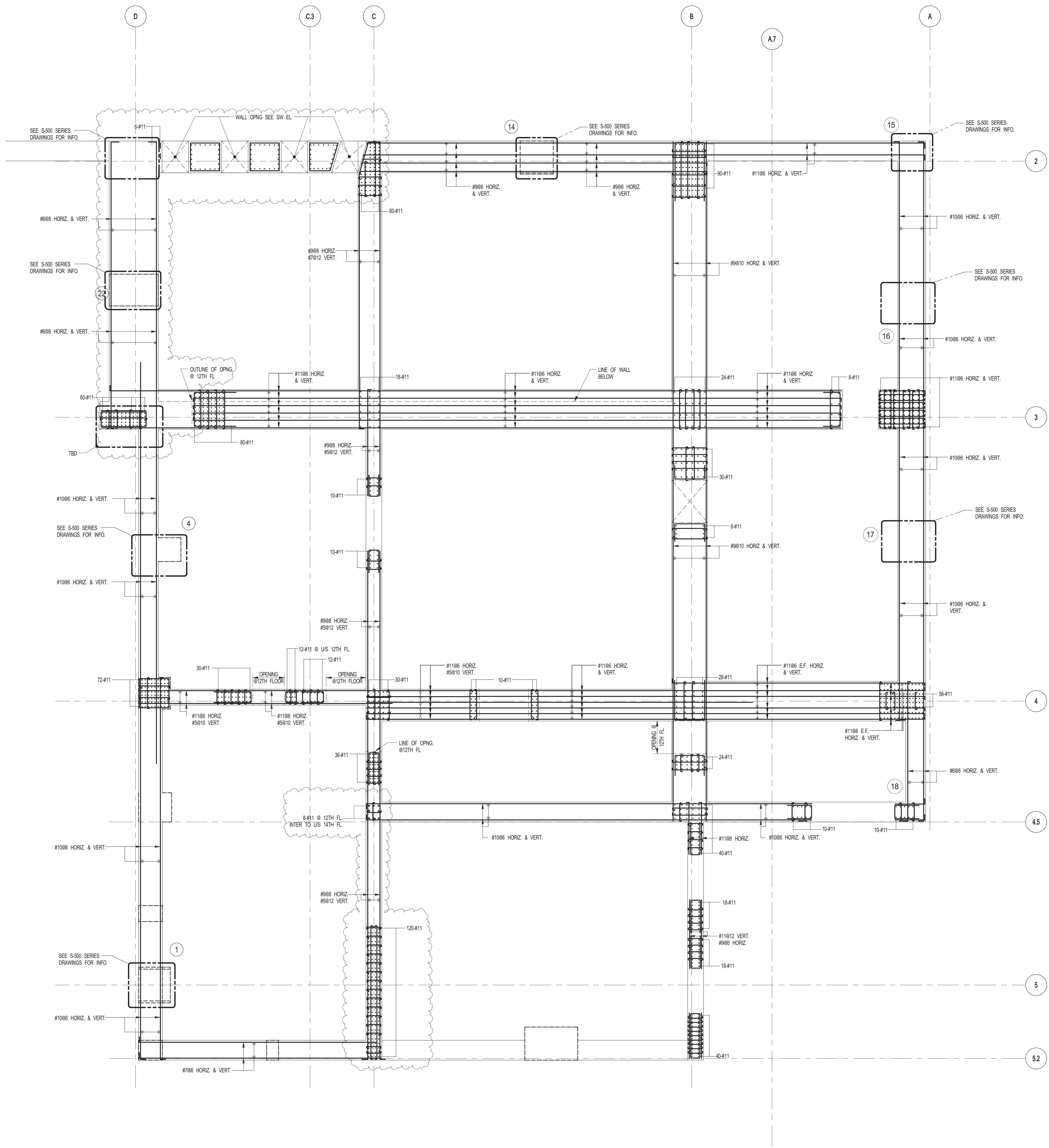
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NOTES:
1. FOR NOTES SEE DWG S-40

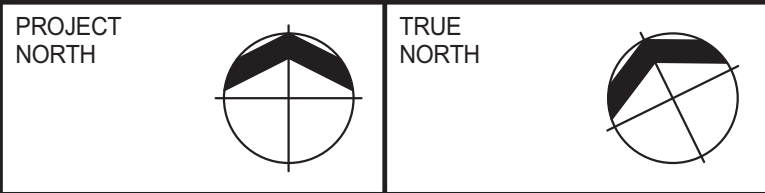
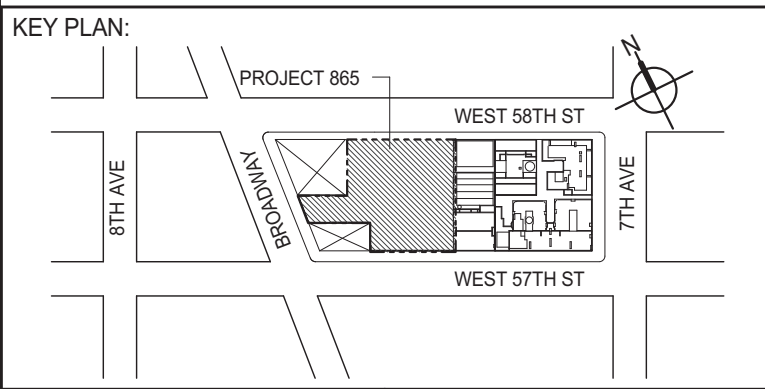






1 SHEARWALL REINFORCEMENT PLAN @ 12TH FL INTER TO U/S OF 13TH FLOOR
S-406 SCALE: 3/16" = 1'-0"

NOTE:
1. FOR NOTES SEE DWG. S-400.



DEVELOPER:
EXTELL DEVELOPMENT COMPANY
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111 WEST MONROE STREET SUITE 2300
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INTERIOR DESIGNER: Residential
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208 Fifth Ave, 7th Floor
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No.	DESCRIPTION	DATE
1	PROGRESS CD	05-08-2015
2	CONSTRUCTION DOCUMENTS ISSUE 4	06-01-2015
3	CD PROGRESS ISSUE 5	08-10-2015
4	DOB AMENDMENT 2	09-18-2015

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WSP
228 East 45th Street
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PROJECT:
**217 WEST 57TH STREET
NEW YORK, NY**

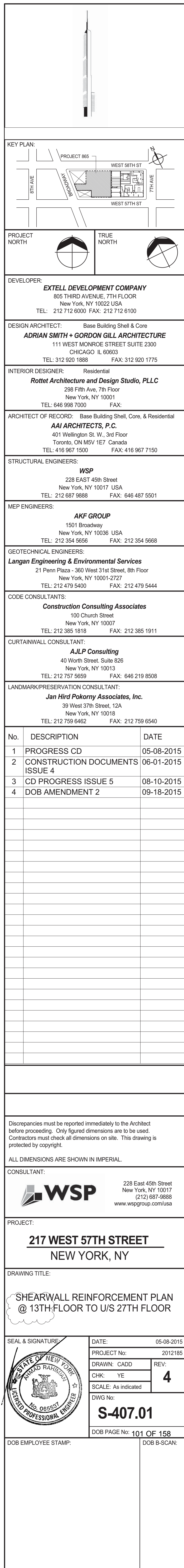
DRAWING TITLE:
**SHEARWALL REINFORCEMENT PLAN
@ 12TH INTER TO U/S OF 13TH
FLOOR**

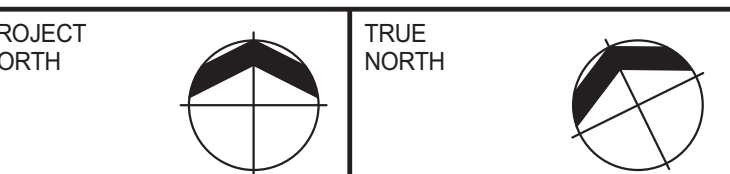
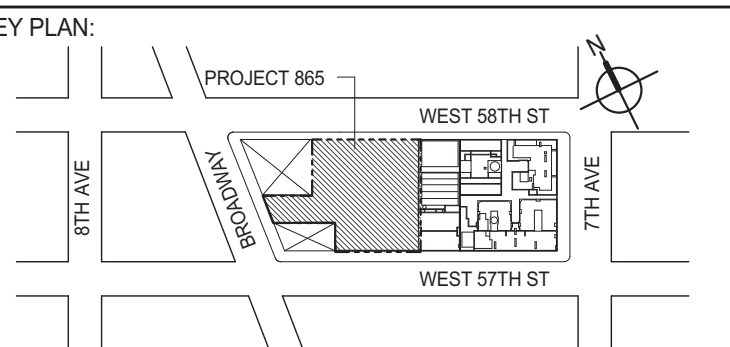
SEAL & SIGNATURE	DATE: 05-08-2015	
	PROJECT No: 2012185	
	DRAWN: CADDO	REV:
	CHK: YE	4
	SCALE: 3/16" = 1'-0"	
DWG No:	S-406.01	

DOB PAGE No: 100 OF 158
DOB 5-SCAN:



NOTE:
1. FOR NOTES SEE DWG. S-400





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CONSULTANT:

CONSULTANT:

 **WSP**


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www.wspgroup.com/usa

PROJECT:

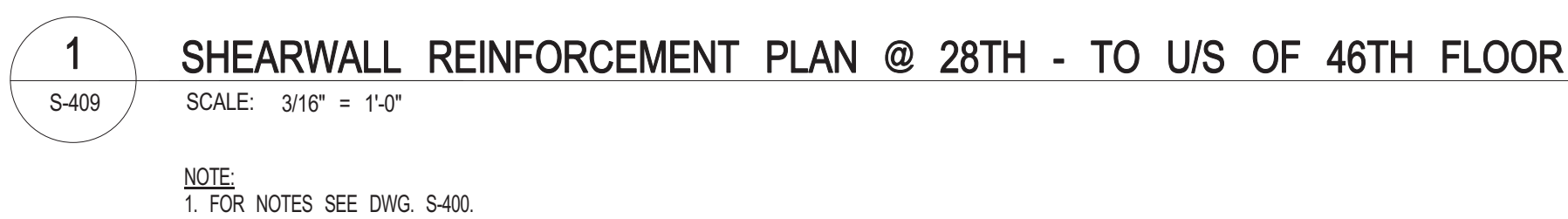
217 WEST 57TH STREET
NEW YORK, NY

DRAWING TITLE:

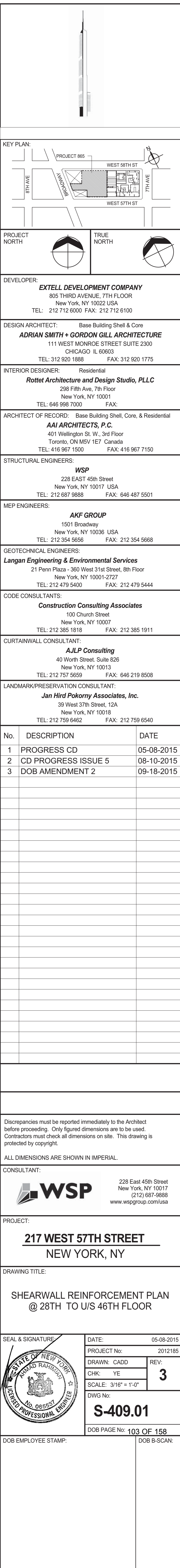
SHEARWALL REINFORCEMENT PLAN
@ 27TH TO U/S OF 28TH FLOOR

	DATE: 05-08-2015	
	PROJECT NO: 2012185	
	DRAWN: CADD	REV:
	CHK: YE	3
	SCALE: 3/16" = 1'-0"	
DWG NO: S-408.01		

DOB PAGE No: 102 OF 158	
DOB EMPLOYEE STAMP:	DOB B-SCAN:



NOTE:
1. FOR NOTES SEE DWG. S-400





LANDMARK/PRESERVATION CONSULTANT:
Jan Hird Pokorny Associates, Inc.
39 West 37th Street, 12A
New York, NY 10018
TEL: 212 759 6462 FAX: 212 759 6540

[illegible]

ALL DIMENSIONS ARE SHOWN IN IMPERIAL.

CONSULTANT:

CONSULTANT:

 **WSP**

228 East 45th Street
New York, NY 10017
(212) 687-9888
www.wspgroup.com/usa

DRAWING TITLE:

SHEARWALL REINFORCEMENT PLAN
@ 46TH TO U/S OF 47TH FLOOR

SEAL & SIGNATURE:	DATE:	XX-XX-XXXX
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DOB EMPLOYEE STAMP:	DOB B-SCAN:
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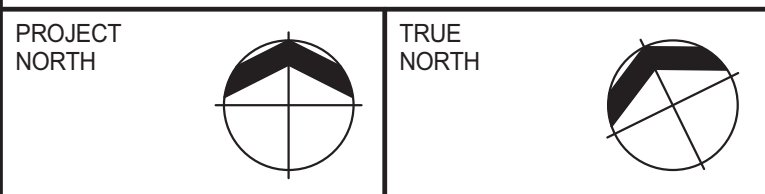


NOTE:
1. FOR NOTES SEE DWG. S-400



NOTE:
1. FOR NOTES SEE DWG. S-40





DESIGN ARCHITECT: Base Building Shell & Core
ADRIAN SMITH + GORDON GILL ARCHITECTURE
111 WEST MONROE STREET SUITE 2300
CHICAGO IL 60603
TEL: 312 920 1888 FAX: 312 920 1775

ARCHITECT OF RECORD: Base Building Shell, Core, & Residential
AAI ARCHITECTS, P.C.
 401 Wellington St. W., 3rd Floor
 Toronto, ON M5V 1E7 Canada
 TEL: 416 967 1500 FAX: 416 967 7150

MEP ENGINEERS:

AKF GROUP
1501 Broadway
New York, NY 10036 USA
TEL: 212 354 5656 FAX: 212 354 5668

GEOTECHNICAL ENGINEERS:
Langan Engineering & Environmental Services
21 Penn Plaza - 360 West 31st Street, 8th Floor
New York, NY 10001-2727
TEL: 212 478 5400 FAX: 212 478 5444

CODE CONSULTANTS:
Construction Consulting Associates
100 Church Street
New York, NY 10007
TEL: 212 385 1818 FAX: 212 385 1911

CURTAINWALL CONSULTANT:
AJLP Consulting
40 Worth Street, Suite 826
New York, NY 10013
TEL: 212 757 5659 FAX: 646 219 8508

LANDMARK/PRESERVATION CONSULTANT:
Jan Hird Pokorny Associates, Inc.
39 West 37th Street, 12A
New York, NY 10018
TEL: 212 759 6462 FAX: 212 759 6540

[illegible]

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CONSULTANT:

CONSULTANT:

 **WSP**

228 East 45th Street
New York, NY 10017
(212) 687-9888
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PROJECT:

217 WEST 57TH STREET
NEW YORK, NY

DRAWING TITLE:

SHEARWALL REINFORCEMENT PLAN
@ 67TH TO U/S 68TH FLOOR

SEAL & SIGNATURE:	DATE:	XX-XX-XXXX
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PROJECT No:	2012185
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	DRAWN: CADD		REV:

	CHK: YE	2

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

DWG No:

S 412.01

PROFESSIONAL E
S-412.01

DOB PAGE No: 106 OF 158

DOB EMPLOYEE STAMP:	DOB B-SCAN:
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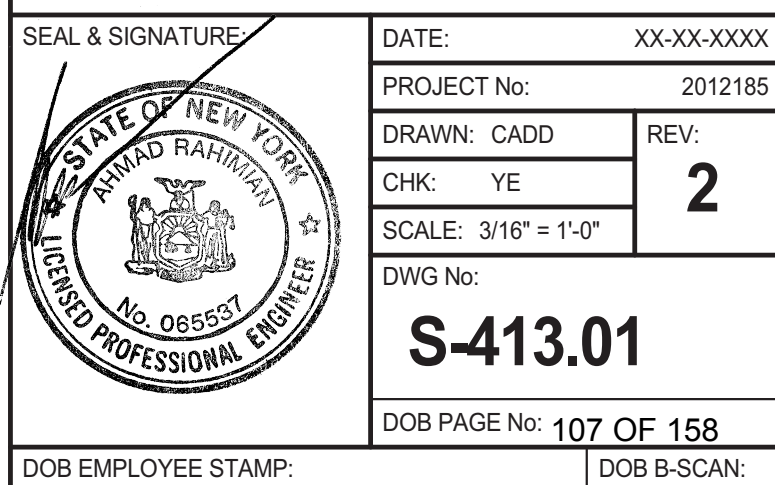
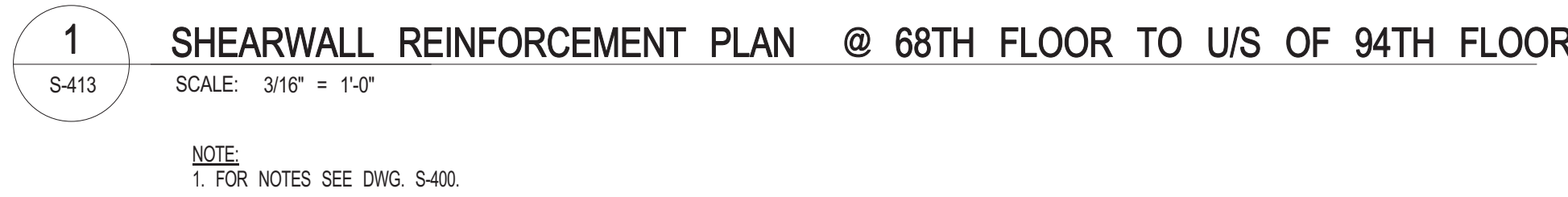
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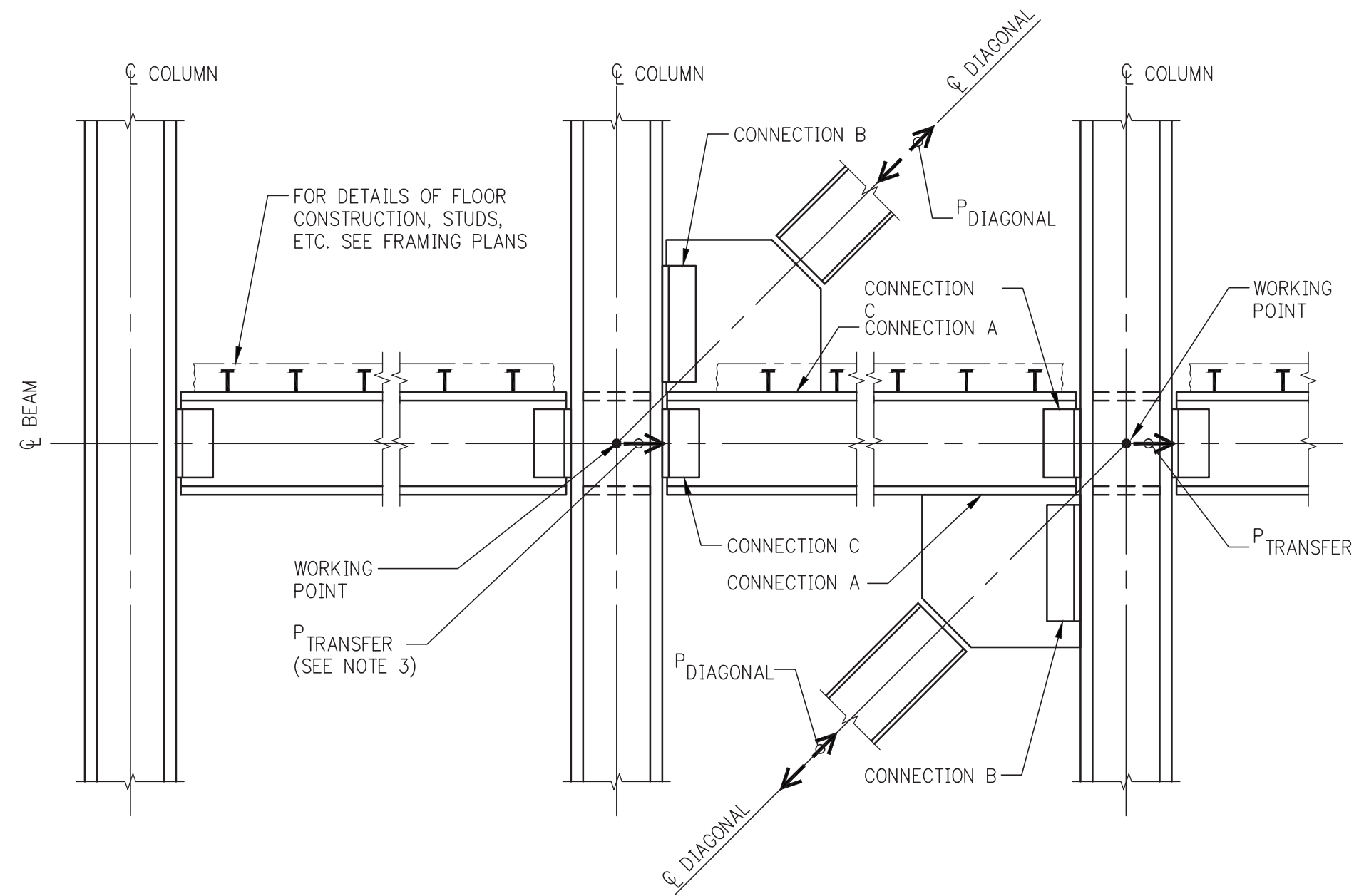
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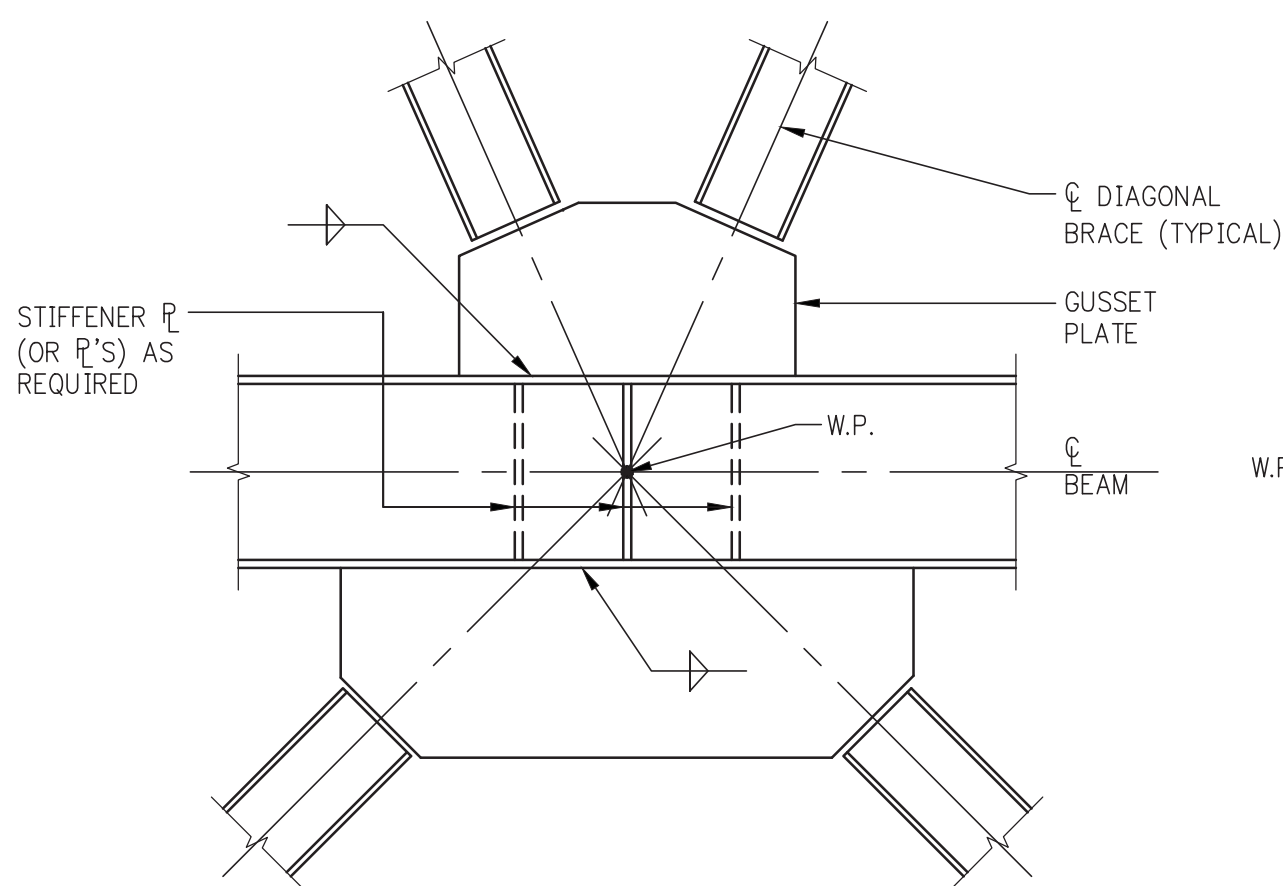


BRACING ELEVATION ILLUSTRATING

WORKING POINTS AND ADDITIONAL FORCES: $P_{TRANSFER}$ & $P_{DIAGONAL}$

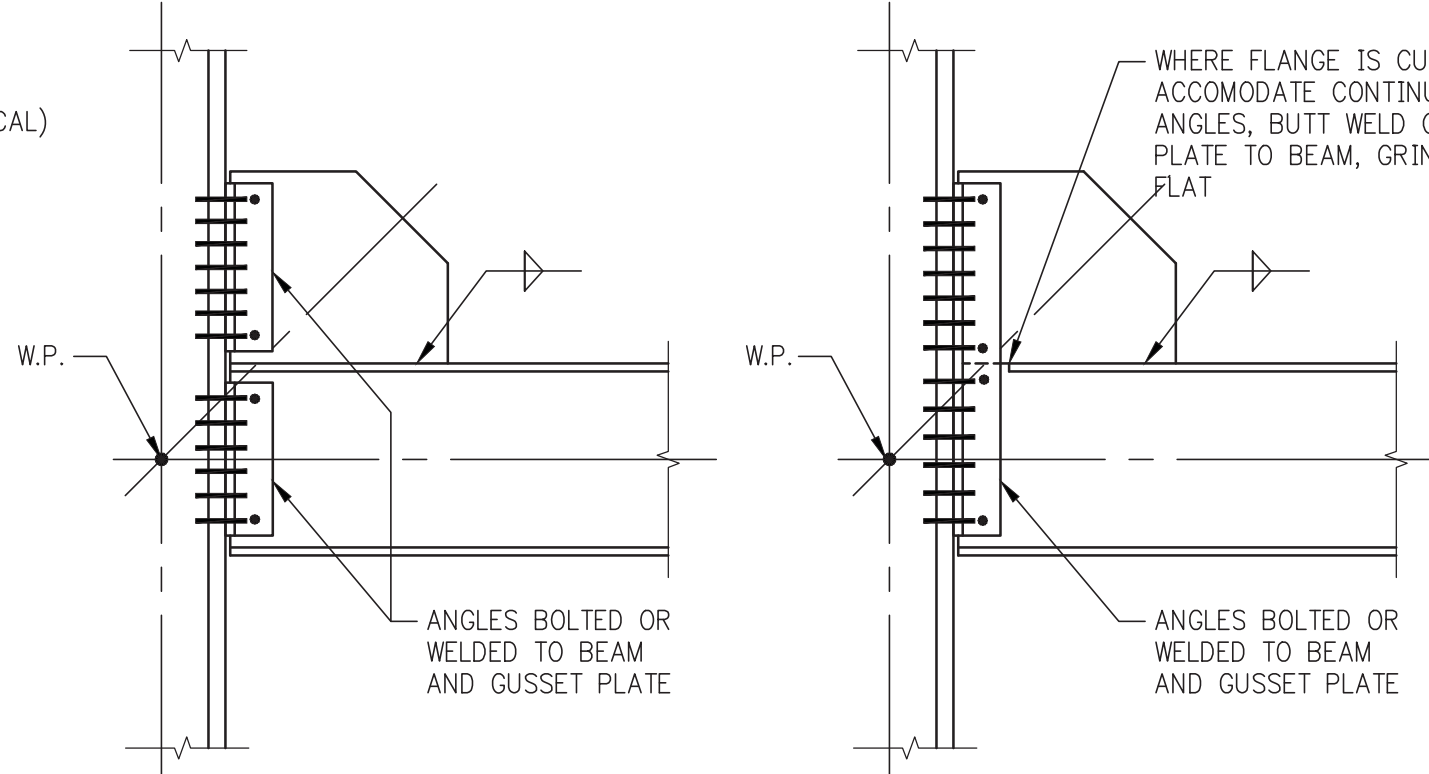
NOTES:

1. THE UNIFORM FORCE METHOD, AS OUTLINED IN THE MANUAL OF STEEL CONSTRUCTION (LRFD) OF THE AISC, SHALL BE USED IN THE DESIGN OF WIND TRUSS CONNECTIONS:
A. CONNECTION OF GUSSET PLATE TO BEAM
B. CONNECTION OF GUSSET PLATE TO COLUMN
C. CONNECTION OF BEAM TO COLUMN.
2. SEE BRACED FRAME ELEVATIONS IN THE CONTRACT DRAWINGS FOR MEMBER SIZES, AXIAL FORCES IN DIAGONALS (P_{DIA}), AND ADDITIONAL FORCES TO BE USED IN DESIGN OF CONNECTIONS. SEE COLUMN SCHEDULES AND FRAMING PLANS FOR MEMBER SIZES AND/OR ORIENTATIONS NOT SHOWN IN ELEVATIONS.
3. IN ADDITION TO VERTICAL AND HORIZONTAL COMPONENTS DERIVED FROM AXIAL FORCES IN DIAGONALS (P_{DIA}), THE ADDITIONAL FORCE (P_{-}) IS TO BE INCLUDED IN DESIGN OF CONNECTION, WHERE:
 $P_{-} = P_{TRANSFER}$, THE HORIZONTAL FORCE TRANSFERRING THROUGH A COLUMN FROM ONE SIDE TO THE OTHER.
4. CONNECT BEAM FLANGES TO COLUMN AS REQUIRED TO TRANSFER FORCES DESCRIBED ABOVE.
5. IN DESIGN OF ALL CONNECTIONS FOR AXIAL FORCES, WHEN THE CONTROLLING DESIGN AXIAL FORCE IS COMPRESSION, THE CONNECTION SHALL BE DESIGNED TO ALSO PROVIDE A TENSILE CAPACITY OF AT LEAST 50 PER CENT OF THE COMPRESSIVE LOAD.
6. COLUMNS SHALL BE INVESTIGATED FOR $P_{TRANSFER}$ FORCES TO DETERMINE WHETHER STIFFENER PLATES ARE REQUIRED.
7. FOR DEFINITION OF TYPE OF FORCE IN DIAGONALS (AND BEAMS) WHETHER SERVICE LOAD OR ULTIMATE (LRFD) - SEE BRACED FRAME ELEVATIONS. TO CONVERT SERVICE LOADS TO LRFD, USE A FACTOR OF 1.4.
8. SLIP-CRITICAL BOLTS USED IN ALL WIND TRUSS CONNECTIONS SHALL BE BASED UPON BOLT VALUES GIVEN IN TABLE 7-4 "SLIP-CRITICAL CONNECTIONS" WHERE "SLIP" IS A STRENGTH LIMIT-STATE, CLASS A FAYING SURFACE (13TH EDITION OF AISC MANUAL) (MINIMUM BOLT DIAMETER = 3/4").
9. IF THE FABRICATOR PROPOSES TO USE CLASS B FAYING SURFACE AND A GREATER BOLT CAPACITY THAN TABLE 7-4 VALUES, HE MUST SUBMIT HIS PROPOSED DESIGN AND FABRICATION PROCEDURES TO THE ENGINEER FOR PRIOR APPROVAL.

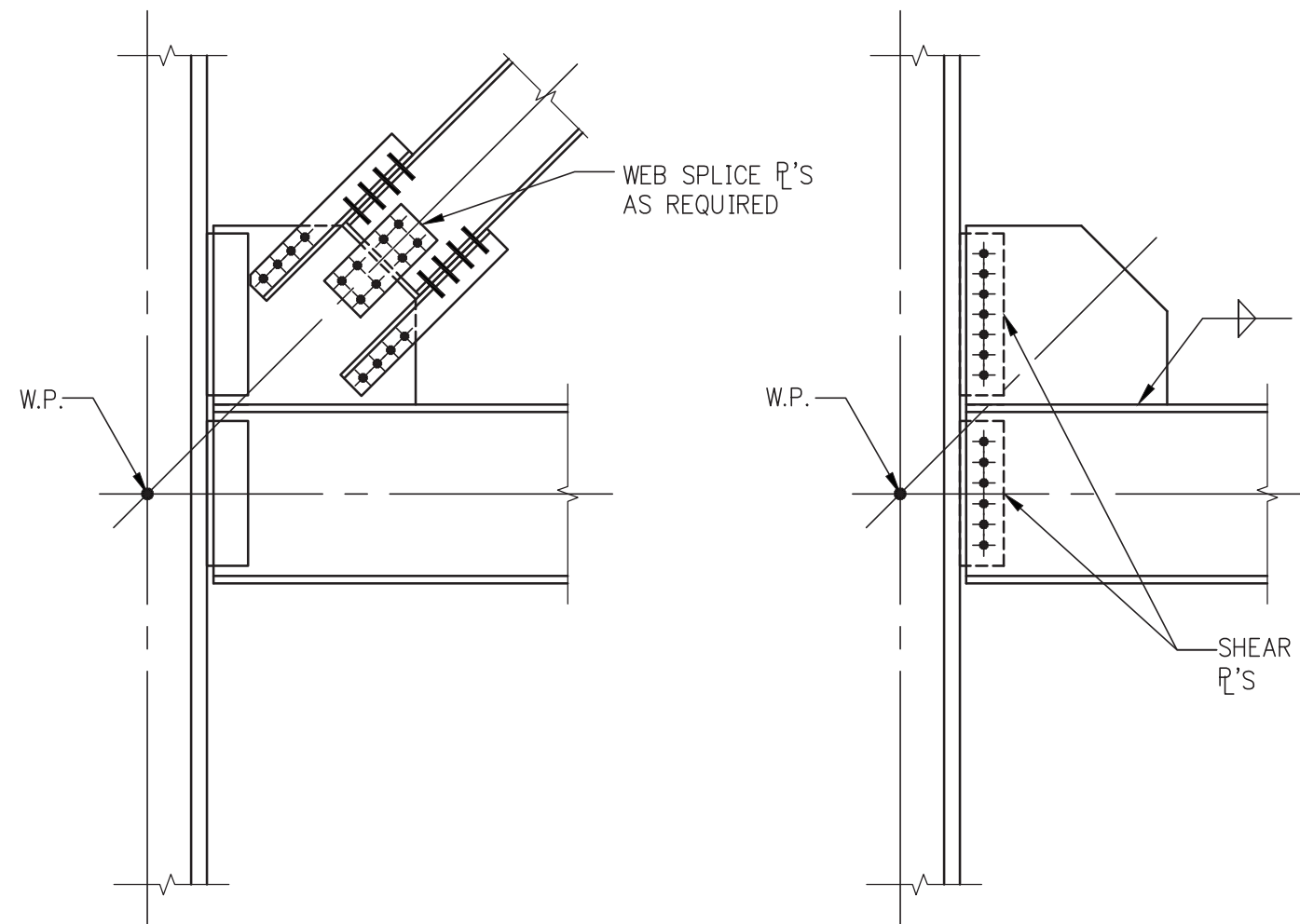


CONNECTION AT 'K' OR 'X' BRACING

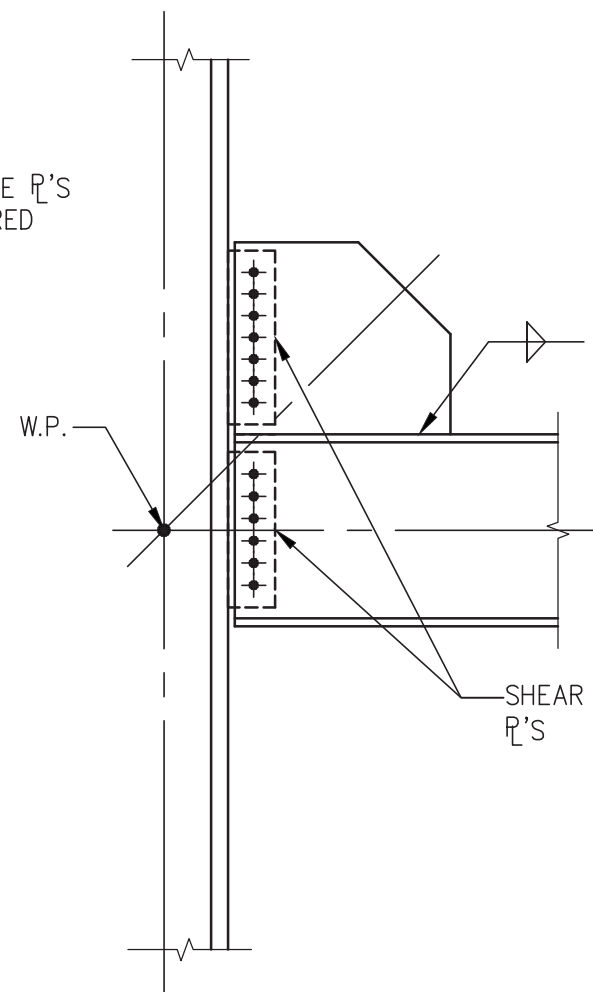
NOTE:
GUSSET PLATE CAN OCCUR AT TOP, BOTTOM, OR BOTH FLANGES OF BEAM, DEPENDING UPON BRACING LAYOUT. SEE BRACING ELEVATIONS



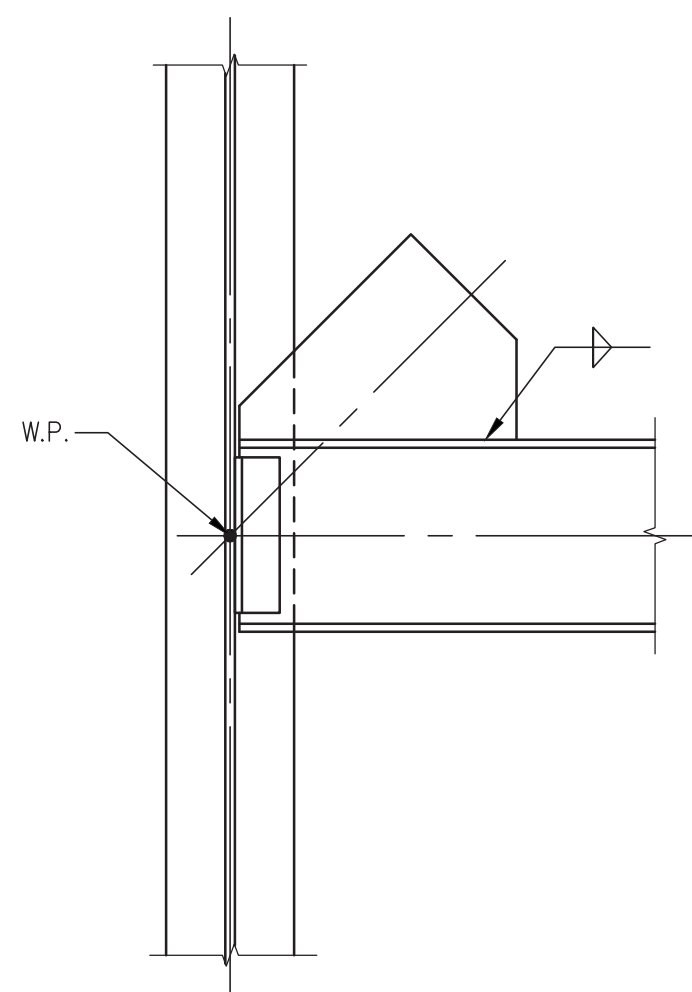
DOUBLE ANGLE CONNECTIONS TO COLUMN FLANGE



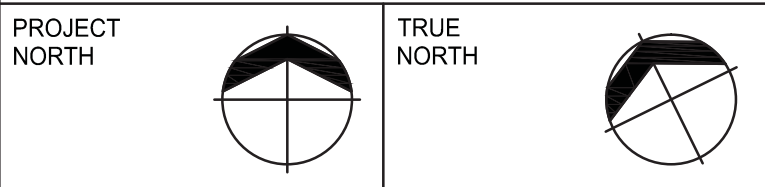
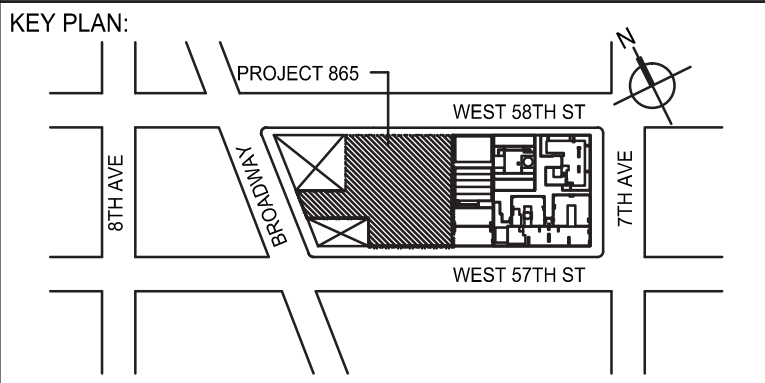
DIAGONAL CONNECTION TO GUSSET PLATE



SHEAR PLATE CONNECTION TO COLUMN FLANGE



BEAM CONNECTION TO COLUMN WEB (GUSSET PLATE NOT CONNECTED TO COLUMN WEB)



DEVELOPER: **EXTELL DEVELOPMENT COMPANY**
805 THIRD AVENUE, 7TH FLOOR
New York, NY 10022 USA
TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT: Base Building Shell & Core
ADRIAN SMITH + GORDON GILL ARCHITECTURE
111 WEST MONROE STREET SUITE 2300
CHICAGO IL 60603
TEL: 312 920 1888 FAX: 312 920 1775

INTERIOR DESIGNER: Residential
Rotter Architecture and Design Studio, PLLC
238 Fifth Ave, 7th Floor
New York, NY 10001
TEL: 646 998 7000 FAX:

ARCHITECT OF RECORD: Base Building Shell, Core, & Residential
AAI ARCHITECTS, P.C.
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LANDMARK/PRESERVATION CONSULTANT:
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TEL: 212 759 6462 FAX: 212 759 6540

No.	DESCRIPTION	DATE
1	SE ZONE STEEL BID	08-20-2014
2	STRUCTURAL STEEL BID	09-15-2014
3	CD PROGRESS ISSUE 1	10-15-2014
4	ISSUED FOR CONSTRUCTION UP TO 5TH FL ONLY	11-07-2014
5	DOB SUBMISSION	12-19-2014
6	DOB SUBMISSION	02-05-2015
7	PROGRESS CD	05-06-2015
8	DOB AMENDMENT 2	09-18-2015

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(212) 687-8888
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PROJECT:
**217 WEST 57TH STREET
NEW YORK, NY**

DRAWING TITLE:
**TYPICAL STEEL
FRAME BRACING
ELEVATION DETAILS**

SEAL & SIGNATURE	DATE: 08/2014	
	PROJECT No: 2012185	
	DRAWN: CADDO	REV: 8
	CHK: Y. E.	SCALE: AS INDICATED
	DWG No: S-420.01	

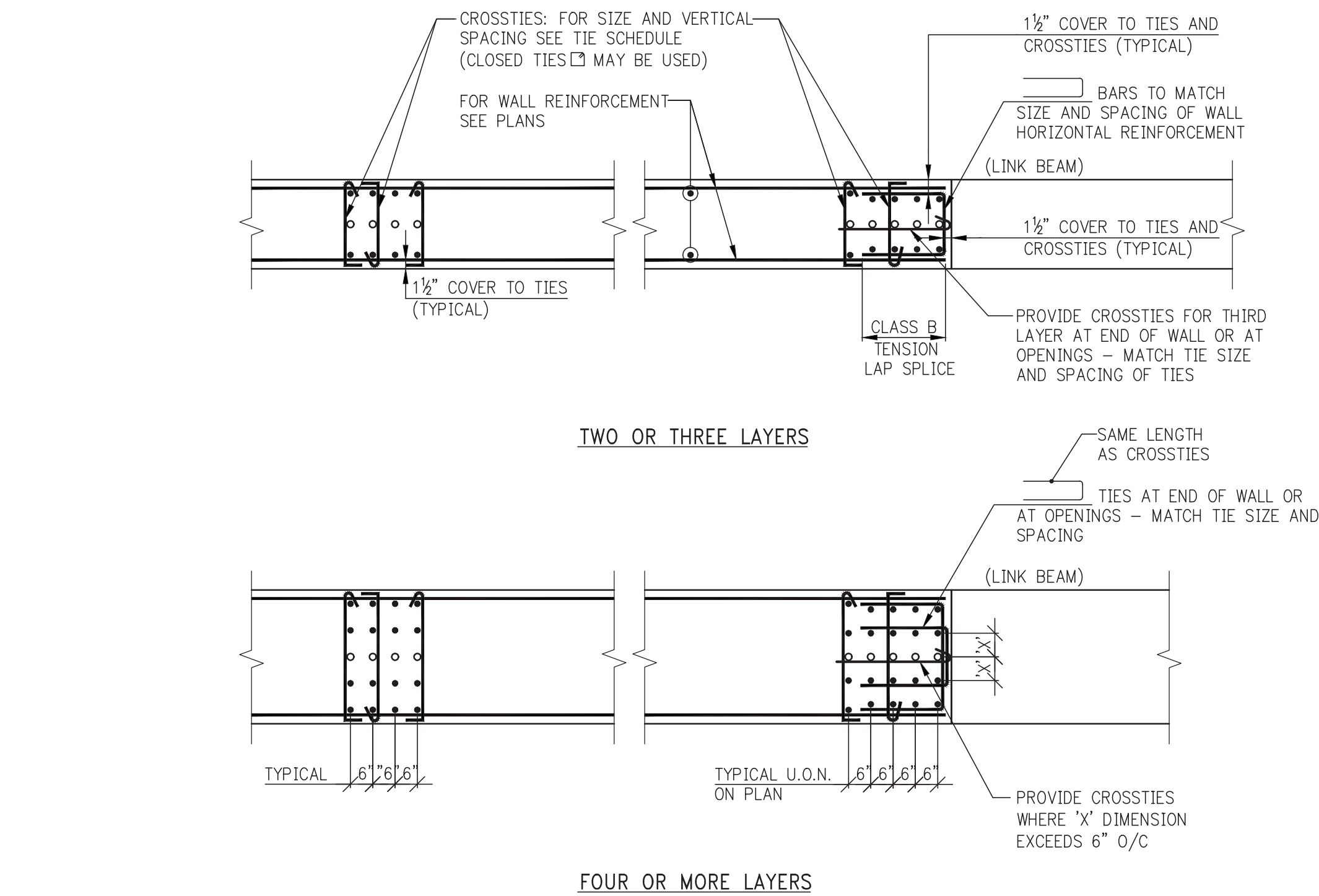
DOB EMPLOYEE STAMP: DOB B-CAN:

*TYPICAL MINIMUM SHEARWALL REINFORCEMENT	
WALL THICKNESS (INCHES)	HORIZONTAL AND VERTICAL EACH FACE
UP TO 12	#4@12
12+ TO 16	#4@10
16+ TO 20	#5@12
20+ TO 24	#5@10
24+ TO 28	#5@12
28+ TO 34	#5@10
34+ TO 40	#7@12
40+ TO 48	#7@10
48+ TO 52	#9@12
52+ TO 60	#9@10
60+ TO 66	#9@12

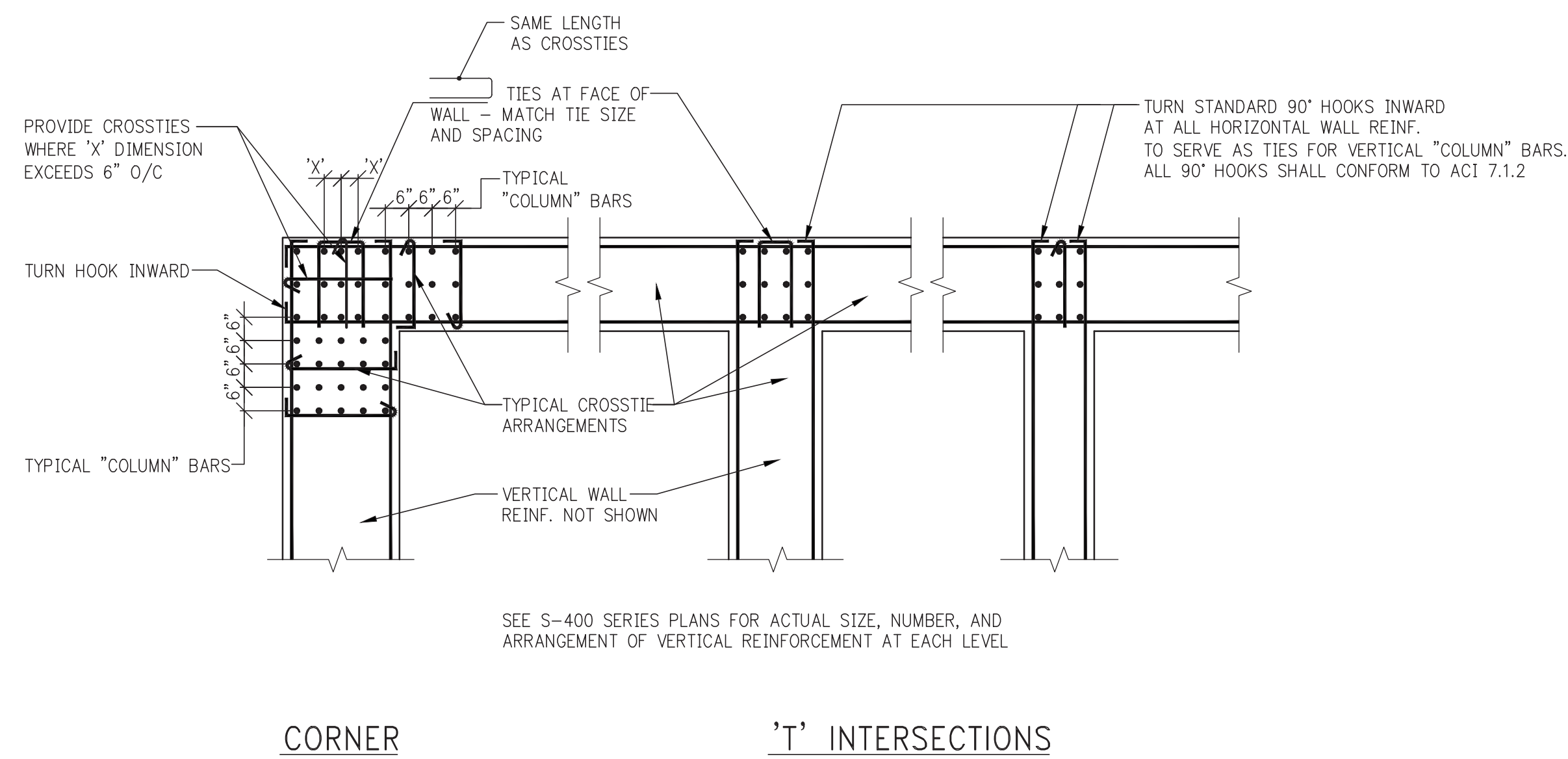
*THE REINFORCEMENT SHOWN IN THIS TABLE IS THE MINIMUM AMOUNT THAT MUST BE PROVIDED. HEAVIER REINFORCEMENT AND "ADDITIONAL" REINFORCEMENT MAY BE CALLED FOR ON PLANS, ELEVATIONS, OR IN SECTIONS AND DETAILS.

SHEARWALL TIE SCHEDULE	
NON-TYPICAL VERTICAL BAR SIZE	#4 TIES VERTICAL SPACING(S), BUT NOT TO EXCEED WALL THICKNESS (INCHES)
#6	12
#7	14
#8	16
#9	18
#10	20
#11	22
BUNDLE OF 2 (UP TO #11)	18
#14, #16, #20	24

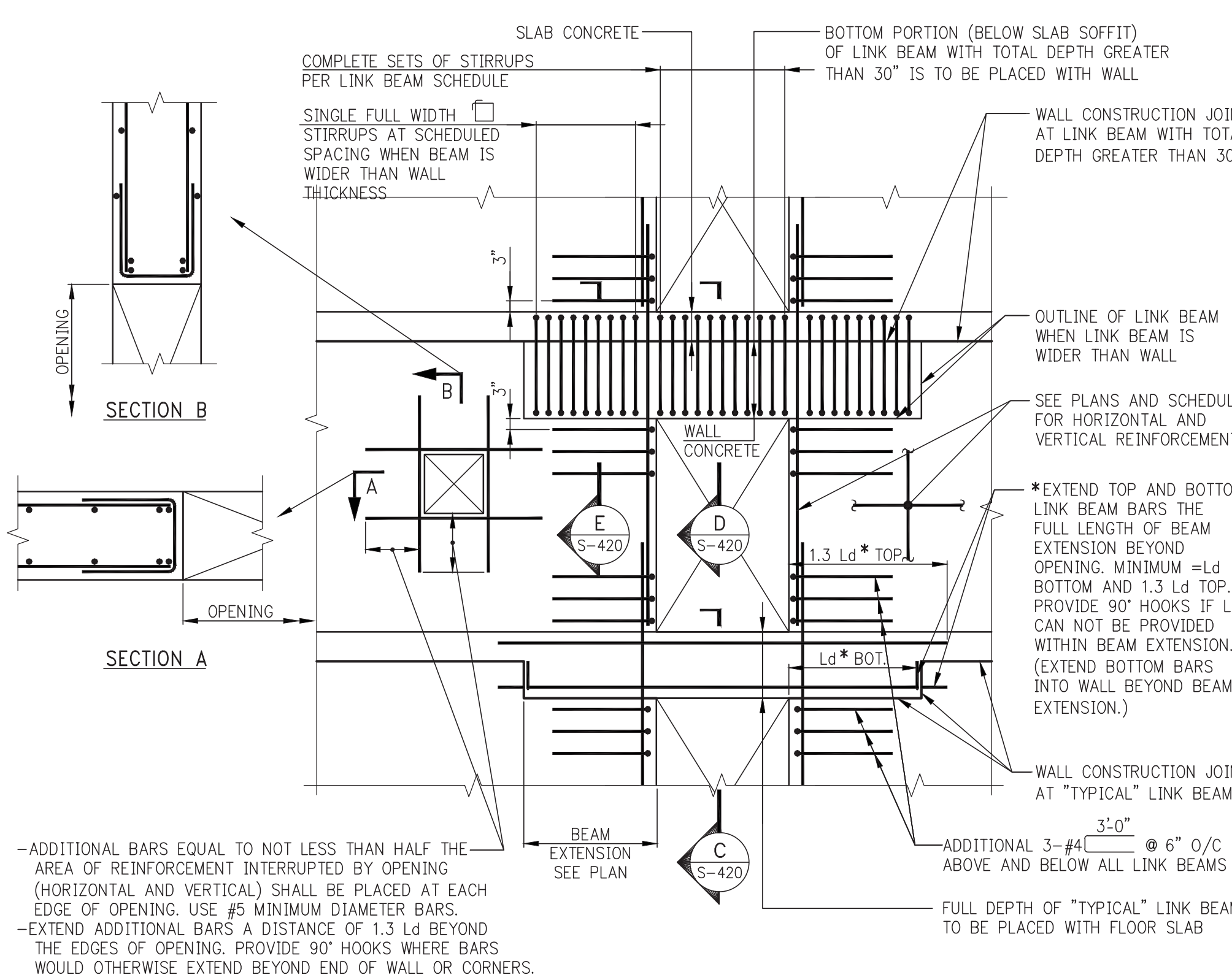
NOTES:
1. LOCATE LOWEST SET OF TIES 5/2 ABOVE TOP OF SLAB.
2. LOCATE TOP SET OF TIES WITHIN 5/2 OF BOTTOM REINFORCEMENT IN SLAB OR LINK BEAM.



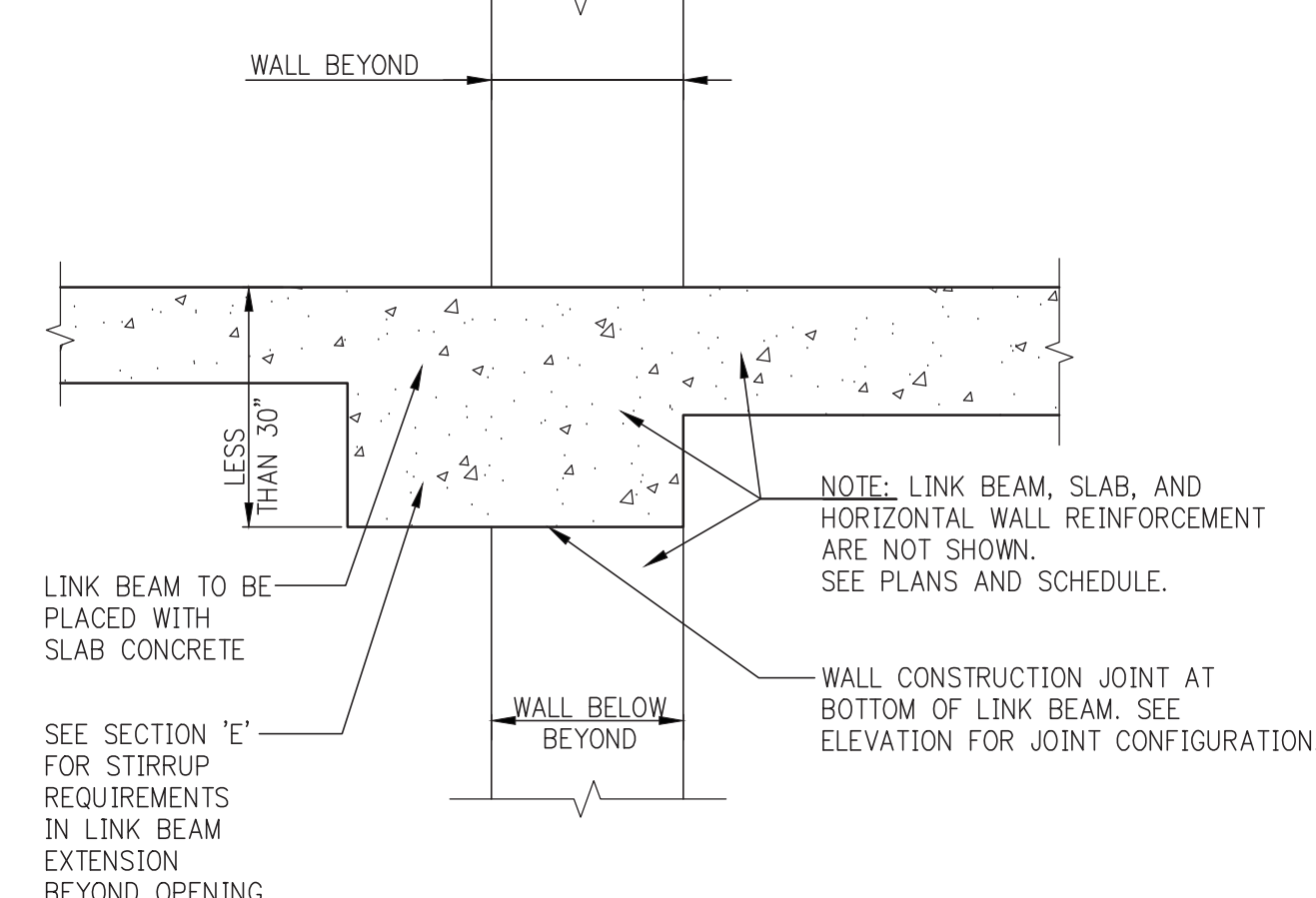
TIE ARRANGEMENTS AT "COLUMN" VERTICAL REINFORCEMENT



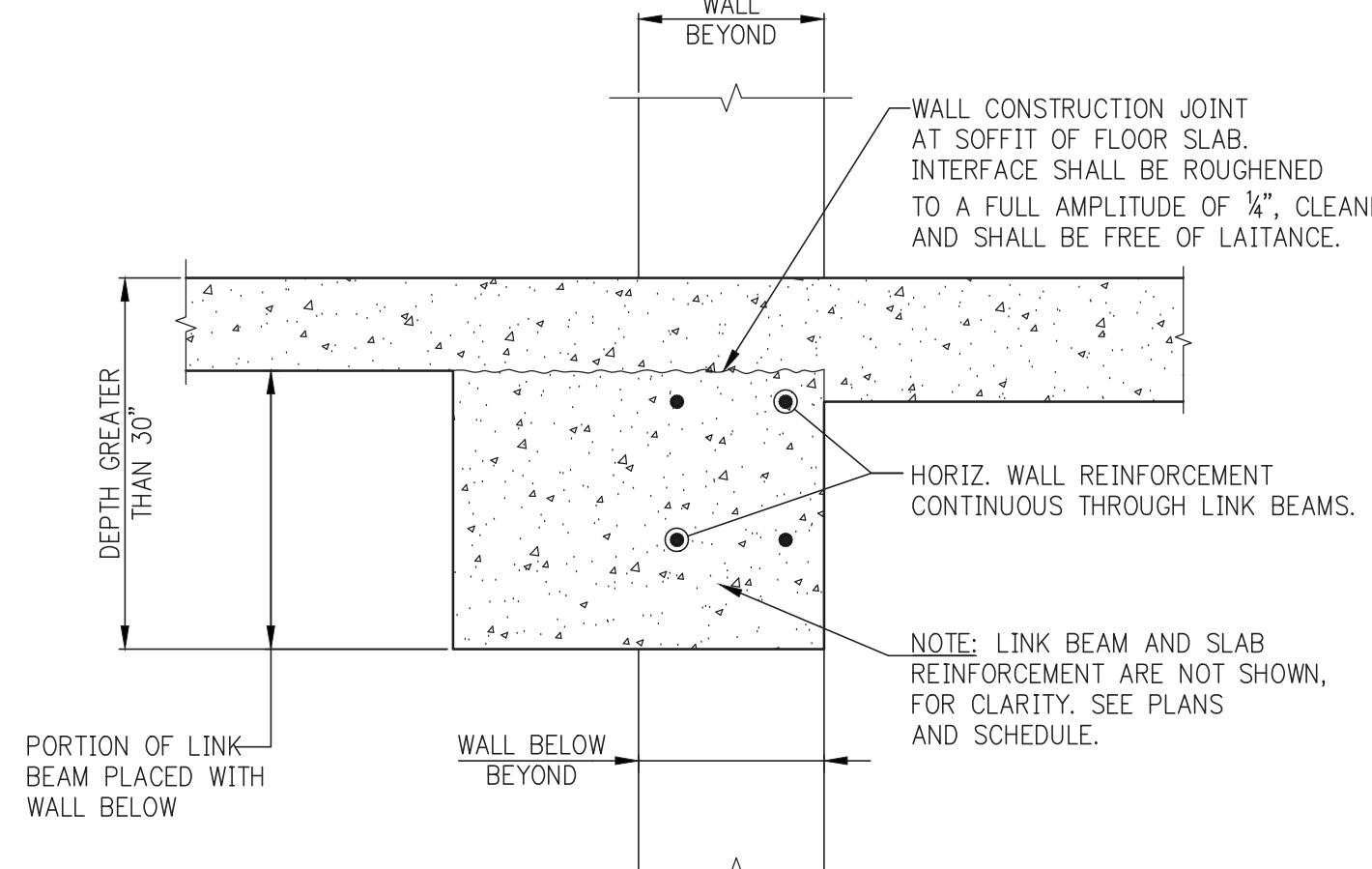
CORNER "I" INTERSECTIONS



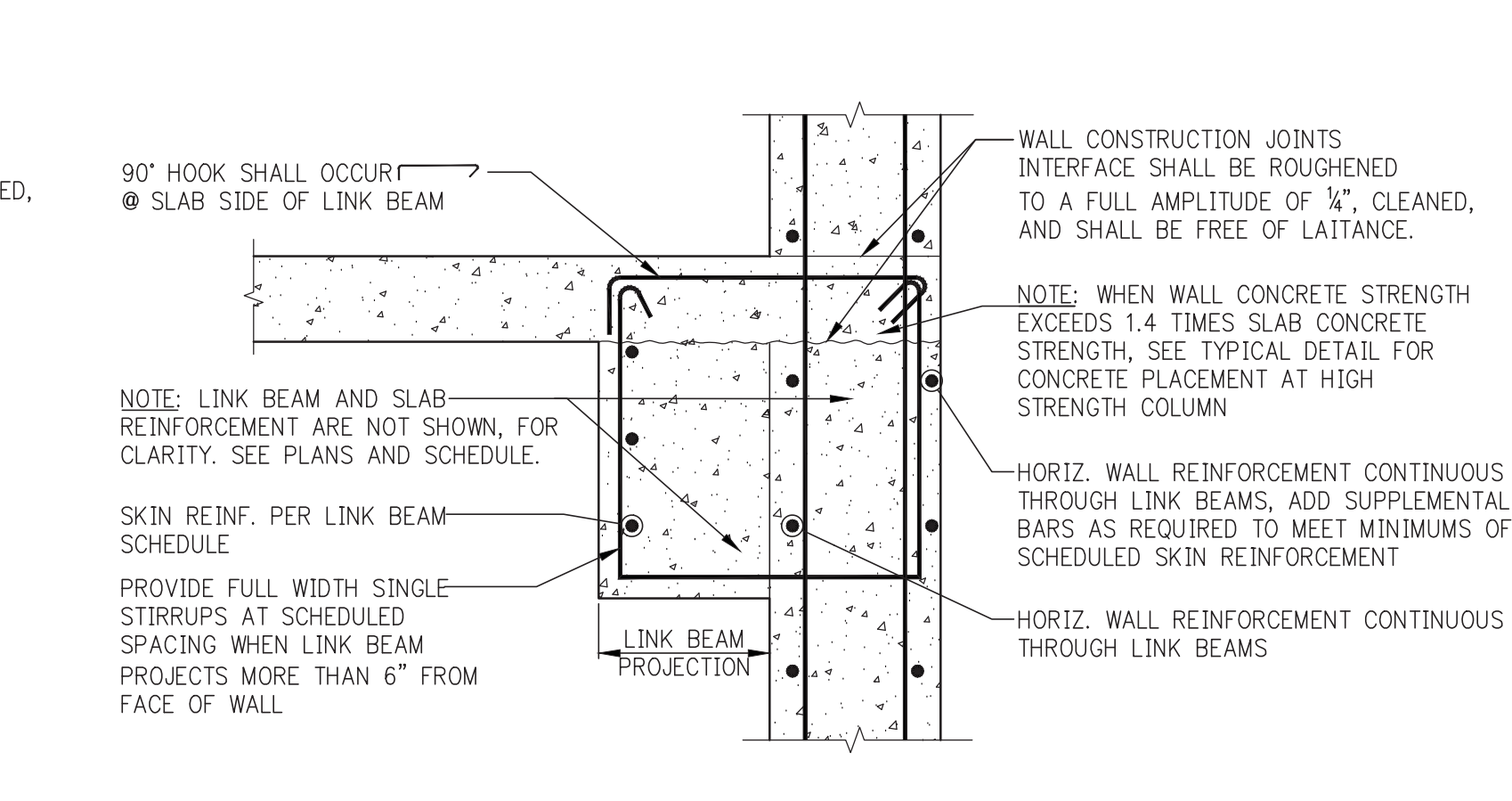
SHEARWALL NOTES:
1. ALL SHEARWALL REINFORCEMENT (HORIZONTAL AND VERTICAL) IS TO BE TENSION LAP SPICED. SEE LAP SPICE IN S-900 SERIES DRAWINGS.
2. ALL NON-TYPICAL VERTICAL BARS UNSUPPORTED BY A LATERAL TIE SHALL BE SPACED NO MORE THAN 6" CLEAR ON BOTH SIDES FROM SUCH LATERALLY SUPPORTED BARS.
3. ALTERNATE 90° AND 135° ENDS ON CONSECUTIVE SINGLE LEO CROSSTIES THROUGHOUT HEIGHT OF WALL.
4. FOR MINIMUM TYPICAL REINFORCEMENT SEE SCHEDULE ON THIS DRAWING.
5. WHERE HEAVIER REINFORCEMENT IS SHOWN ON S-400 SERIES ELEVATIONS OR DETAILS, THE HEAVIER REINFORCEMENT SHALL BE USED IN LIEU OF REINFORCEMENT SHOWN ON SHEARWALL PLANS, UNLESS NOTED AS "ADDITIONAL". (AN ASTERISK (*) MAY BE SHOWN TO DENOTE SUCH SUBSTITUTIONS).
6. NO OPENING OTHER THAN THOSE SHOWN ON STRUCTURAL DRAWINGS MAY BE PLACED WITHOUT APPROVAL OF THE ENGINEER OF RECORD.
7. CONTRACTOR SHALL SUBMIT CONSOLIDATED SHOP DRAWINGS FOR ALL OPENINGS PROPOSED (SUCH AS STRUCTURAL, ARCHITECTURAL, MEP) TO THE ENGINEER OF RECORD FOR REVIEW AND APPROVAL.
8. NO VERTICAL CONSTRUCTION JOINTS ARE PERMITTED IN SHEARWALLS WITHOUT WRITTEN AUTHORIZATION FROM THE ENGINEER OF RECORD. KEYS AND DOWELS MUST BE AS DEFINED BY THE E.O.R.
9. SEE PLANS AND ELEVATIONS FOR SHEARWALL LOCATIONS, DIMENSIONS, REINFORCEMENT, OPENINGS, LINK BEAM LOCATIONS, ETC.
10. FOR LINK BEAM SIZES SEE LINK BEAM SCHEDULE IN S-400 SERIES DRAWINGS.
11. SEE COLUMN SCHEDULES ON S-500 SERIES DRAWINGS FOR CONCRETE STRENGTH REQUIRED AT EACH LEVEL.
12. FOR MINIMUM REQUIRED MODULUS OF ELASTICITY OF CONCRETE, SEE SCHEDULE ON THIS DRAWING.



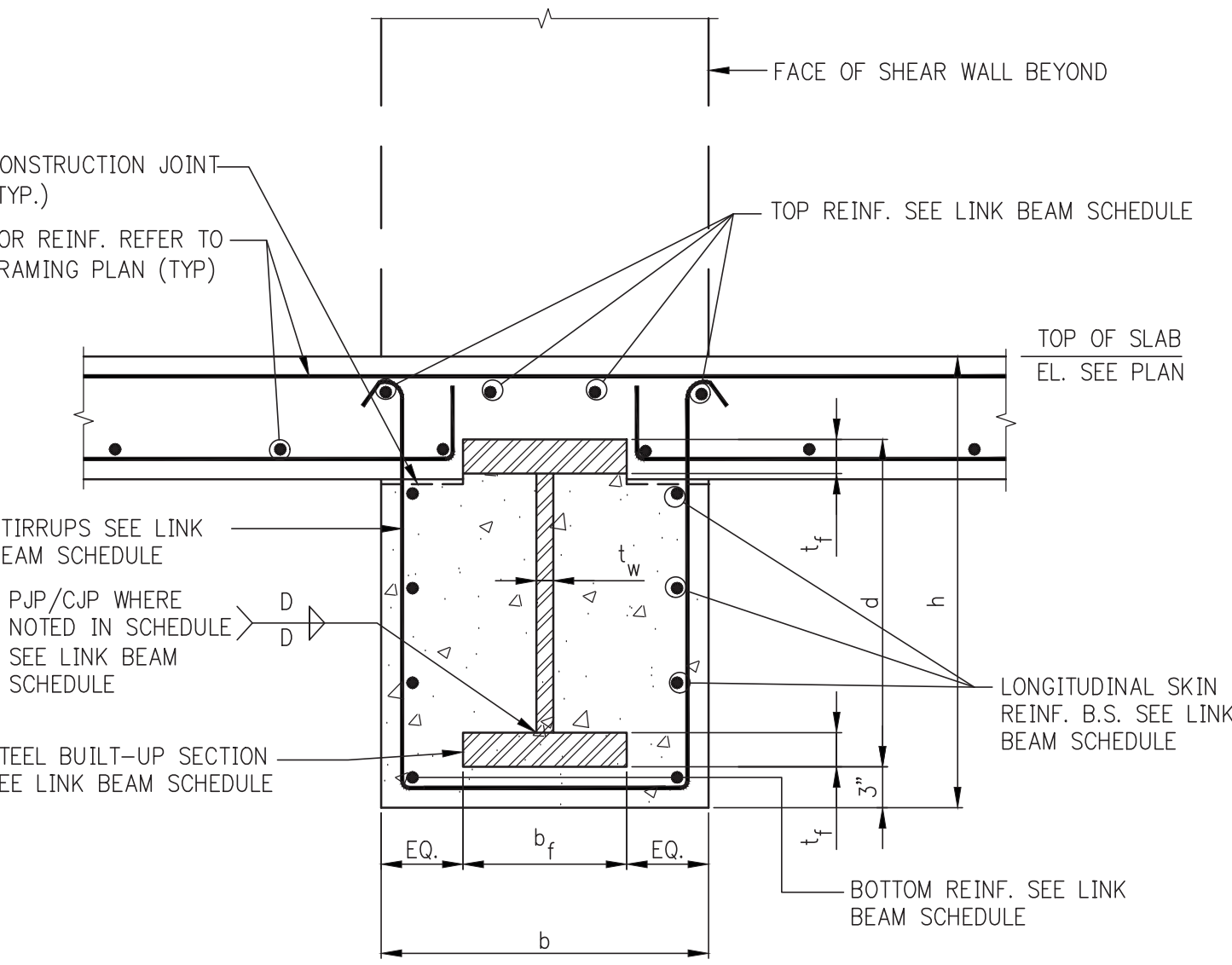
SECTION C SECTION THROUGH LINK BEAM PLACED WITH SLAB



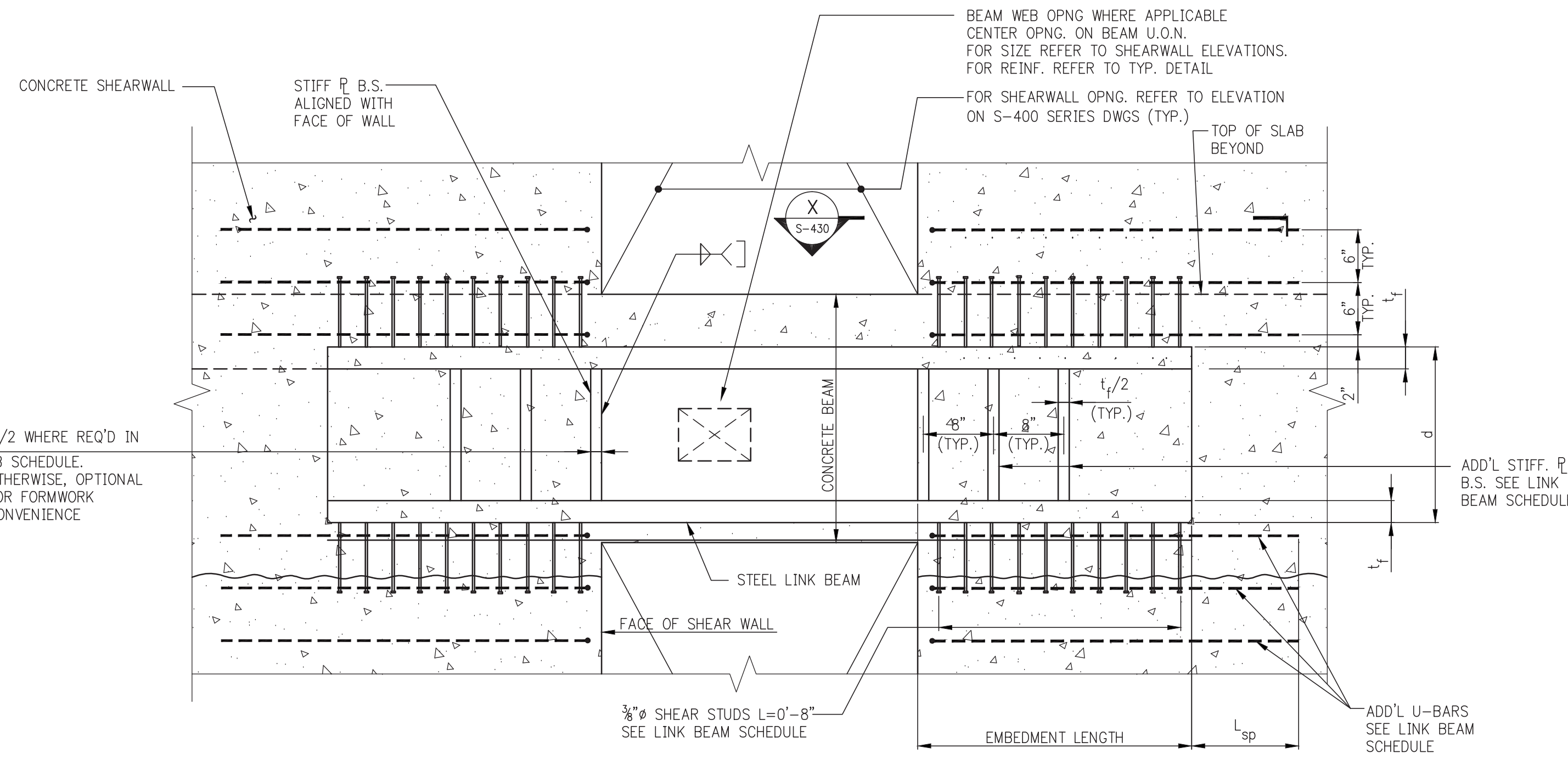
SECTION D SECTION THROUGH LINK BEAM WITH DEPTH >30" PLACED PARTIALLY WITH WALL



SECTION E SECTION THROUGH WALL AT LINK BEAM EXTENSION BEYOND OPENING



TYPICAL SECTION AT HYBRID LINK BEAM

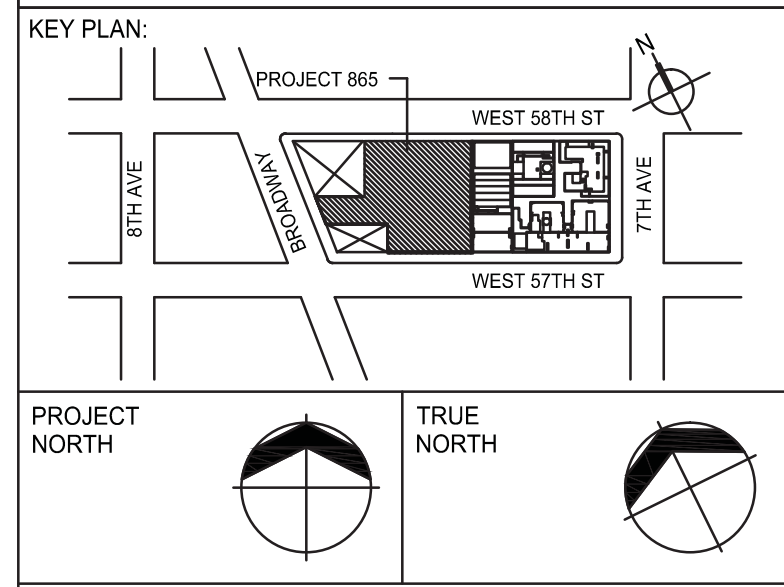


ELEVATION

SECTION X

TYPICAL STEEL LINK BEAM EMBEDMENT

NOTE:
1. SHEAR WALL REINF. IS NOT SHOWN FOR CLARITY.



DEVELOPER:
EXTELL DEVELOPMENT COMPANY
805 THIRD AVENUE, 7TH FLOOR
New York, NY 10022 USA
TEL: 212 712 6000 FAX: 212 712 6100

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111 WEST MONROE STREET SUITE 2300
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INTERIOR DESIGNER: Residential
Rottet Architecture and Design Studio, PLLC
238 Fifth Ave, 7th Floor
New York, NY 10001
TEL: 646 998 7000 FAX:

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New York, NY 10036 USA
TEL: 212 354 5656 FAX: 212 354 5668

GEOTECHNICAL ENGINEERS:
Langan Engineering & Environmental Services
21 Penn Plaza - 380 West 31st Street, 8th Floor
New York, NY 10001-2727
TEL: 212 479 5400 FAX: 212 479 5444

CODE CONSULTANTS:
Construction Consulting Associates
100 Church Street
New York, NY 10007
TEL: 212 385 1818 FAX: 212 385 1911

CURTAINWALL CONSULTANT:
AJLP Consulting
40 Worth Street, Suite 805
New York, NY 10013
TEL: 212 757 8659 FAX: 646 219 8508

LANDMARK/PRESERVATION CONSULTANT:
Jan Hird Pokorny Associates, Inc.
39 West 37th Street, 12A
New York, NY 10018
TEL: 212 759 6462 FAX: 212 759 6540

No.	DESCRIPTION	DATE
1	SCHEMATIC DESIGN	03-31-2014
2	ISSUED FOR SCHEMATIC DESIGN	04-04-2014
3	FOUNDATION BID PACKAGE	04-04-2014
4	STEEL BID PACKAGE	05-22-2014
5	SUPERSTRUCTURE CONCRETE BID	06-02-2014
6	DESIGN DEVELOPMENT	07-01-2014
7	ISSUED FOR DESIGN DEVELOPMENT	07-31-2014
8	STRUCTURAL STEEL BID	08-14-2014
9	CD PROGRESS ISSUE 1	10-15-2014
10	ISSUED FOR CONSTRUCTION	11-07-2014
11	DOB SUBMISSION	12-19-2014
12	DOB SUBMISSION	02-05-2015
13	CONSTRUCTION DOCUMENTS ISSUE 3	03-09-2015
14	PROGRESS CD	05-08-2015
15	DOB AMENDMENT 2	09-16-2015

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CONSULTANT:
WSP
228 East 45th Street
New York, NY 10017
(212) 687 8888
www.wspgroup.com/usa

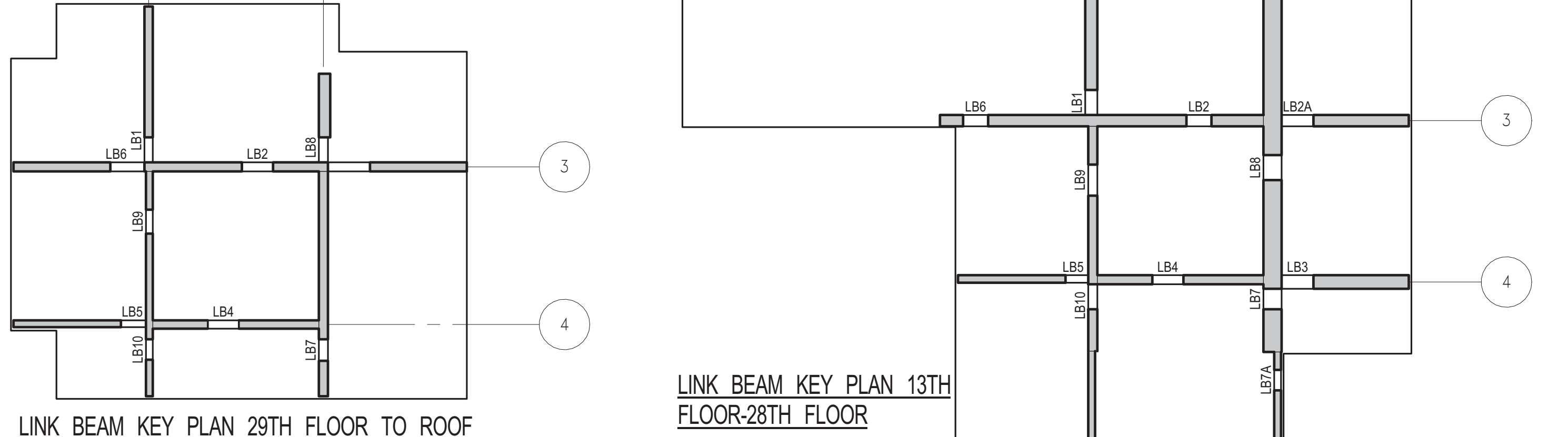
PROJECT:
217 WEST 57TH STREET
NEW YORK, NY

DRAWING TITLE:

TYPICAL CONCRETE SHEAR WALL DETAILS

SEAL & SIGNATURE	DATE: 03-31-14
	PROJECT No: 2012185
	DRAWN: CADD REV: 15
	CHK: Y.E. SCALE: AS INDICATED
	DWG No: S-430.01
DOB EMPLOYEE STAMP:	DOB PAGE No: 109 OF 158
	DOB B-CAN:

REVISED LINK BEAM SCHEDULE ON THIS
DRAWING REPLACES DRAWINGS S-441 - S-445

[illegible]

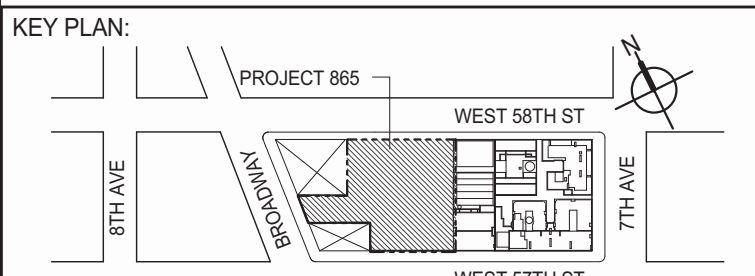
1 SHEARWALL EL. ALONG GL 3
S-450 SCALE: 1/8" = 1'-0"

2 SHEARWALL EL. ALONG GL 3
S-450 SCALE: 1/8" = 1'-0"

Diagram illustrating four types of strapping configurations:

- TYPE 1** (2 LEGS): A single rectangular strap.
- TYPE 1B** (3 LEGS): A rectangular strap with a diagonal crossbar.
- TYPE 2** (4 LEGS): Two rectangular straps joined side-by-side.
- TYPE 3** (5 LEGS): Three rectangular straps joined side-by-side.

STRAPPING TYPES



PROJECT NORTH	TRUE NORTH
---------------	------------

DEVELOPER: **EXTELL DEVELOPMENT COMPANY**
805 THIRD AVENUE, 7TH FLOOR
New York, NY 10022 USA
TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT: Base Building Shell & Core
ADRIAN SMITH + GORDON GILL ARCHITECTURE
111 WEST MONROE STREET SUITE 2300
CHICAGO IL 60603
TEL: 312 920 1888 FAX: 312 920 1775

INTERIOR DESIGNER: Residential
Rottet Architecture and Design Studio, PLLC
298 Fifth Ave, 7th Floor
New York, NY 10001
TEL: 646 998 7000 FAX:

ARCHITECT OF RECORD: Base Building Shell, Core, & Residential
AAI ARCHITECTS, P.C.
401 Wellington St. W., 3rd Floor
Toronto, ON M5V 1E7 Canada
TEL: 416 967 1500 FAX: 416 967 7150

STRUCTURAL ENGINEERS:
WSP
228 EAST 45th Street
New York, NY 10017 USA
TEL: 212 687 9888 FAX: 646 487 5501

MEP ENGINEERS:

AKF GROUP
1501 Broadway
New York, NY 10036 USA
TEL: 212 354 5656 FAX: 212 354 5668

GEOTECHNICAL ENGINEERS:
Langan Engineering & Environmental Services
21 Penn Plaza - 360 West 31st Street, 8th Floor
New York, NY 10001-2727
TEL: 212 479 5400 FAX: 212 479 5444

CODE CONSULTANTS:
Construction Consulting Associates
100 Church Street
New York, NY 10007
TEL: 212.385.1818 FAX: 212.385.1911

CURTAINWALL CONSULTANT:
AJLP Consulting
40 Worth Street, Suite 826
New York, NY 10013
TEL: 212 757 5659 FAX: 646 219 8508

LANDMARK/PRESERVATION CONSULTANT:
Jan Hird Pokorny Associates, Inc.
39 West 37th Street, 12A
New York, NY 10018
TEL: 212 759 6462 FAX: 212 759 6540

[illegible]

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CONSULTANT:

 **WSP**

228 East 45th Street
New York, NY 10017
(212) 687-9888
www.wspgroup.com/usa

PROJECT:

217 WEST 57TH STREET
NEW YORK, NY

DRAWING TITLE:

SHEARWALL ELEVATIONS ALONG
GRIDLINE 3 (1 OF 3)

SEAL & SIGNATURE: _____	DATE: 07-31-2014
-------------------------	------------------

PROJECT No:	2012185
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	DRAWN: CADD	REV:
	CHK: YES	11

DATE	FILE
SCALE: 1/8" = 1'-0"	

14

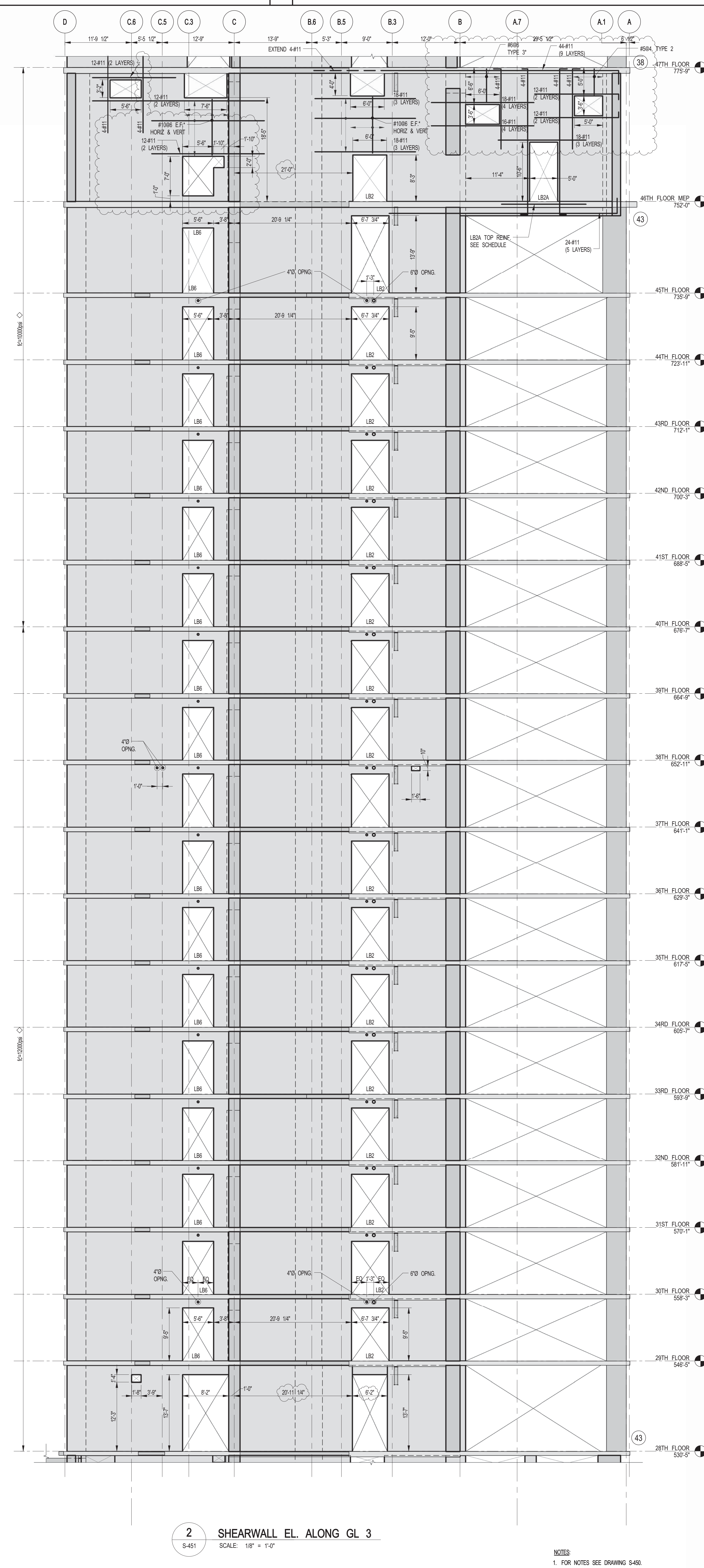
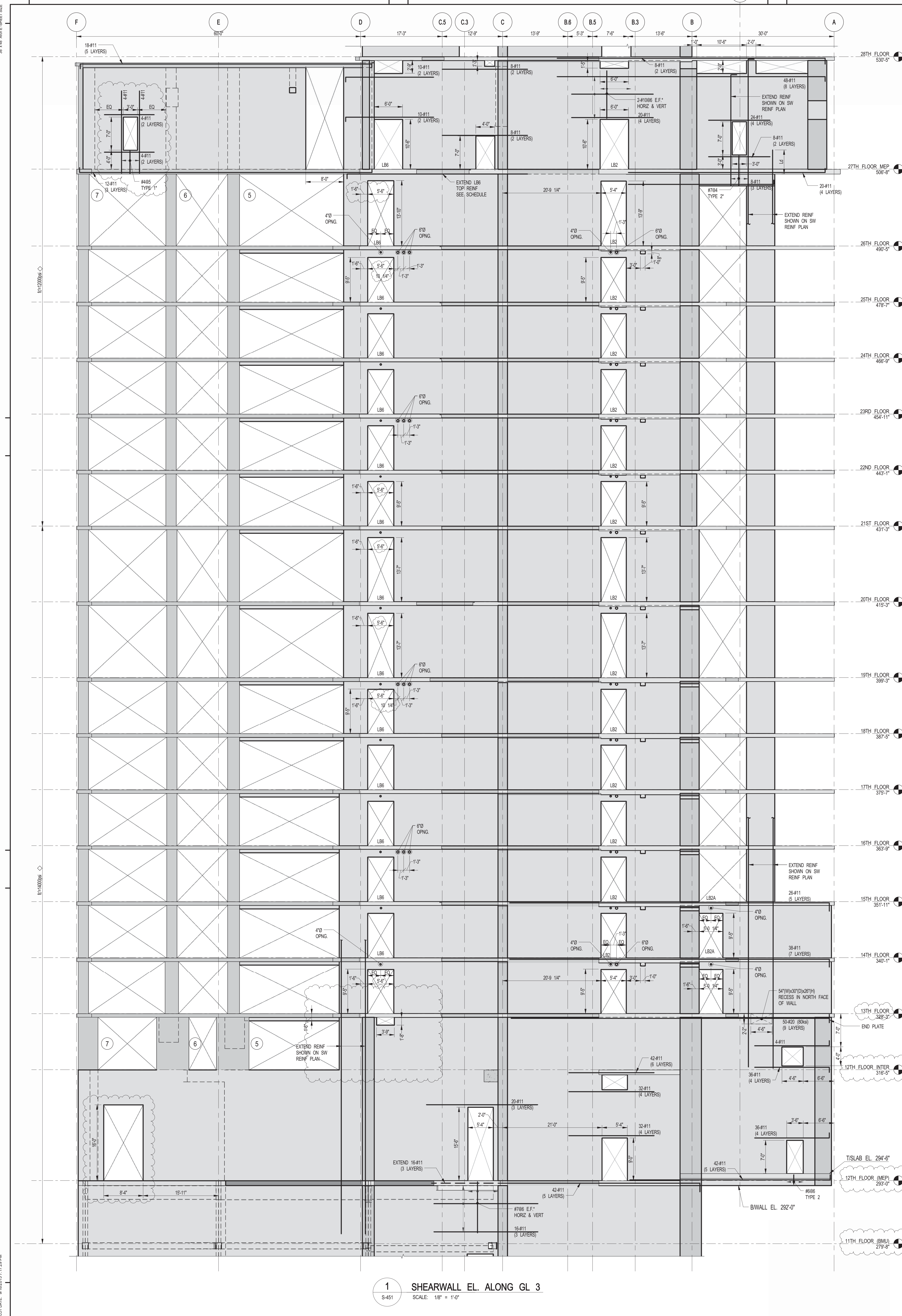



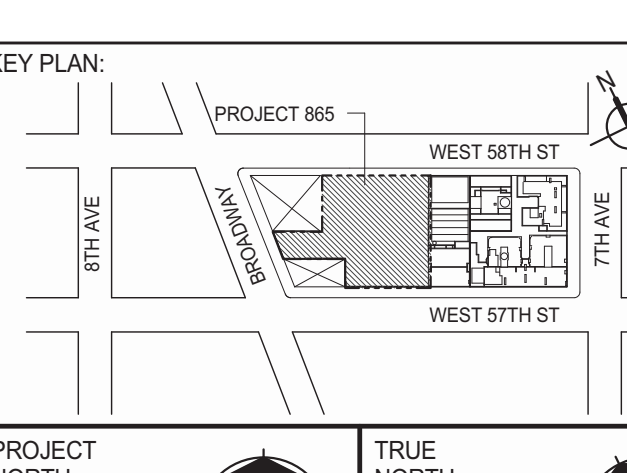


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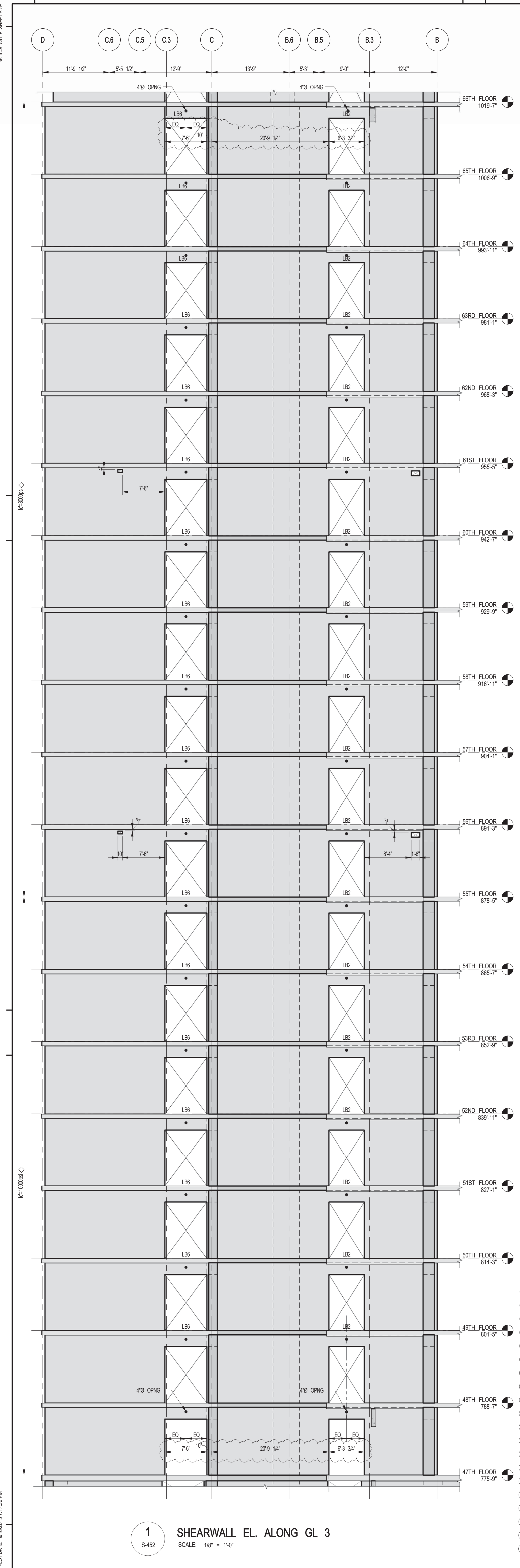

S-450.01

DOB PAGE No: 444 OF 159

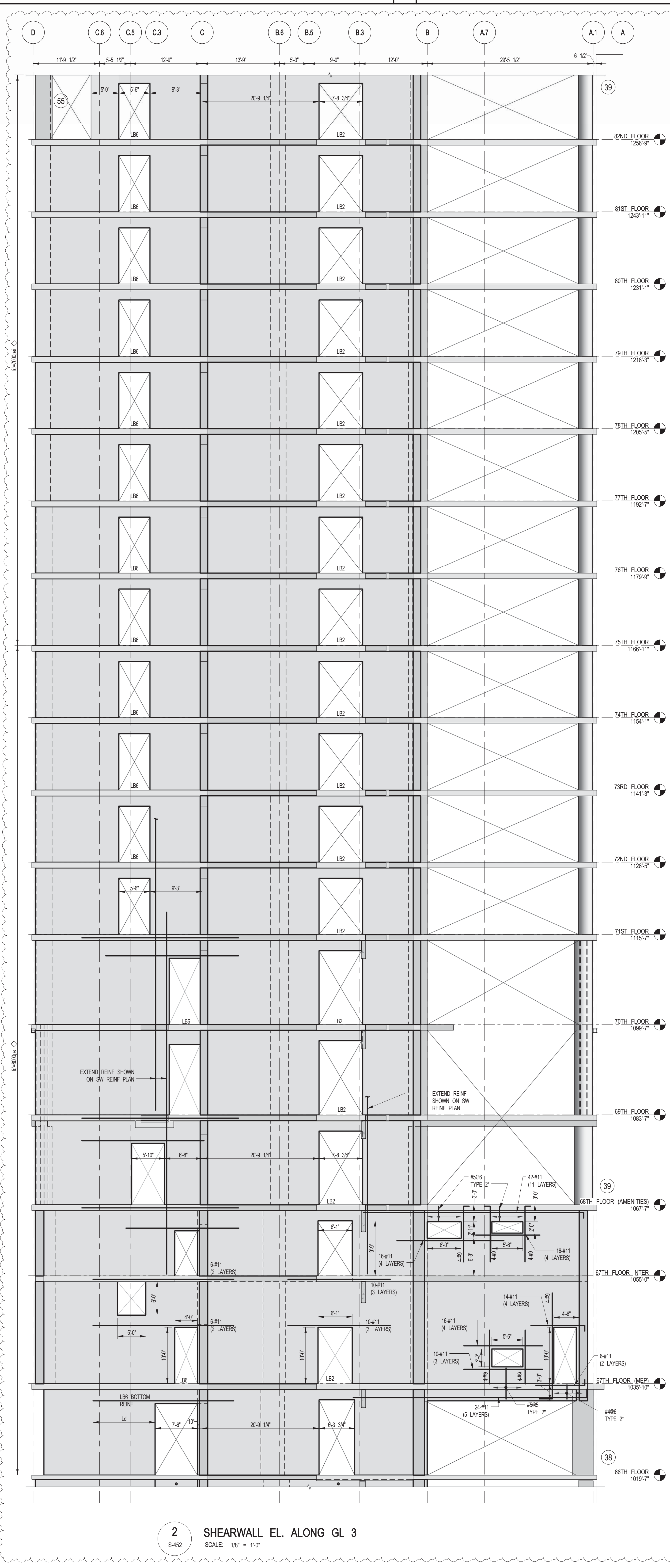
DOB EMPLOYEE STAMP:	DOB B-SCAN:
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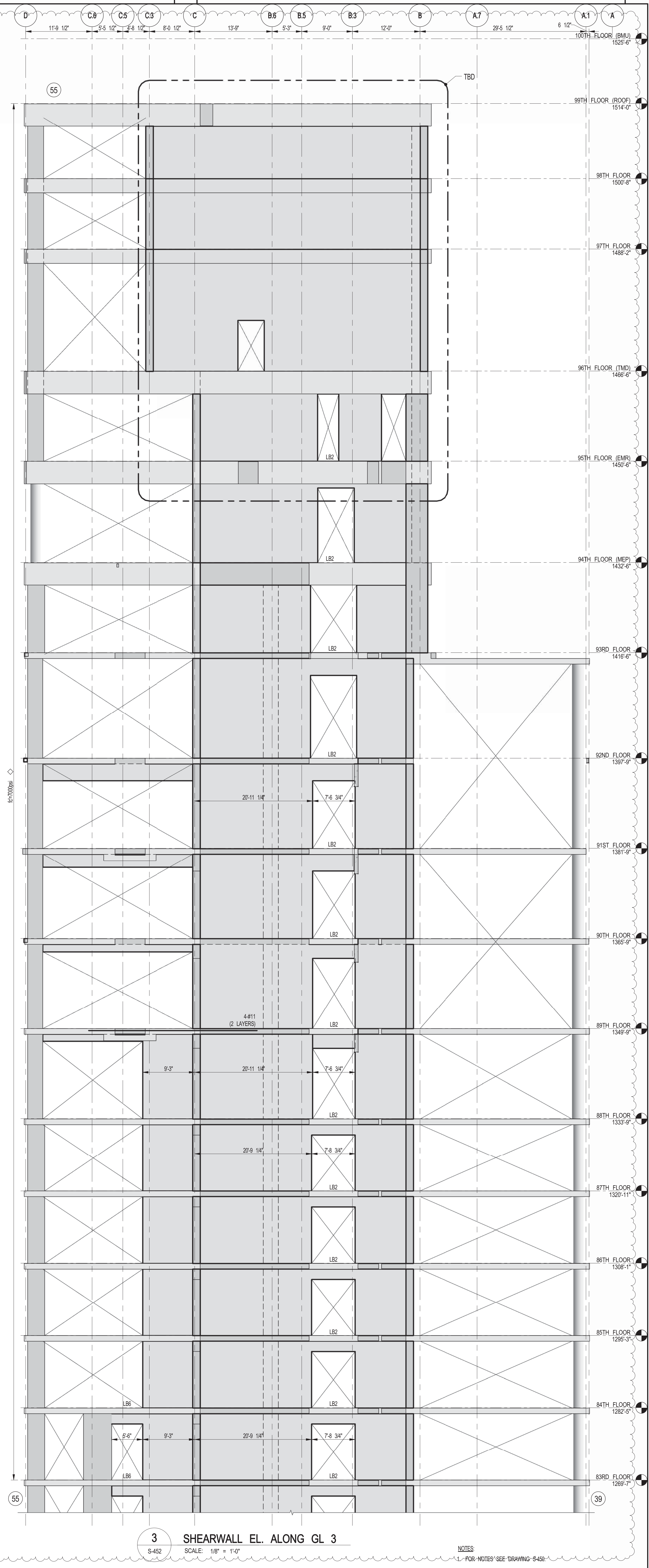
		
		
KEY PLAN:		
PROJECT NORTH		
TRUE NORTH		
DEVELOPER: EXTEL DEVELOPMENT COMPANY 805 THIRD AVENUE, 7TH FLOOR New York, NY 10022 USA TEL: 212 712 6000 FAX: 212 712 6100		
DESIGN ARCHITECT: Base Building Shell & Core ADRIAN SMITH + GORDON GILL ARCHITECTURE 111 WEST MONROE STREET SUITE 2300 CHICAGO IL 60603 TEL: 312 920 1585 FAX: 312 920 1775		
INTERIOR DESIGNER: Residential Rotter Architecture and Design Studio, PLLC 298 Fifth Ave, 7th Floor New York, NY 10001 TEL: 646 998 7000 FAX:		
ARCHITECT OF RECORD: Base Building Shell, Core, & Residential AAI ARCHITECTS, P.C. 401 Wellington St. W., 3rd Floor Toronto, ON M5V 1E7, Canada TEL: 416 967 1500 FAX: 416 967 7150		
STRUCTURAL ENGINEERS: WSP 228 EAST 43rd Street New York, NY 10017 USA TEL: 212 687 9686 FAX: 646 487 5501		
MEP ENGINEERS: AKF GROUP 1501 Broadway New York, NY 10036 USA TEL: 212 354 6565 FAX: 212 354 5668		
GEOTECHNICAL ENGINEERS: Langan Engineering & Environmental Services 21 Penn Plaza - 360 West 31st Street, 8th Floor New York, NY 10001-2727 TEL: 212 479 5400 FAX: 212 479 5444		
CODE CONSULTANTS: Construction Consulting Associates 160 Church Street New York, NY 10007 TEL: 212 385 1818 FAX: 212 385 1911		
CURTAINWALL CONSULTANT: A-L-P Consulting 40 Worth Street, Suite 606 New York, NY 10013 TEL: 212 717 5699 FAX: 646 219 8508		
LANDMARK/PRESERVATION CONSULTANT: Jan Hind Pokorny Associates, Inc. 39 West 37th Street, 12A New York, NY 10018 TEL: 212 759 6462 FAX: 212 759 6540		
No.	DESCRIPTION	DATE
1	CD PROGRESS ISSUE 1	10-15-2014
2	DOB SUBMISSION	12-19-2014
3	CONSTRUCTION DOCUMENTS ISSUE 3	03-09-2015
4	PROGRESS CD	05-08-2015
5	CONSTRUCTION DOCUMENTS ISSUE 4	06-01-2015
6	CD PROGRESS ISSUE 5	08-10-2015
7	DOB AMENDMENT 2	09-18-2015
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CONSULTANT:  WSP 228 East 43rd Street New York, NY 10017 (212) 687-9686 www.wspgroup.com/usa		
PROJECT: 217 WEST 57TH STREET NEW YORK, NY		
DRAWING TITLE: SHEARWALL ELEVATIONS ALONG GRIDLINE 3 (2 OF 3)		
SEAL & SIGNATURE: 	DATE: 10-15-2014 PROJECT No.: 2012185 DRAWING: CADD CHK: YFC CHK: 1/16" = 1'-0" DWG No.: S-451.01 DOB PAGE No: 112 OF 158 DOB B-SCAN:	



1 SHEARWALL EL. ALONG GL 3
S-452 SCALE: 1/8" = 1'-0"



2 SHEARWALL EL. ALONG GL 3
S-452 SCALE: 1/8" = 1'-0"



3 SHEARWALL EL. ALONG GL 3
S-452 SCALE: 1/8" = 1'-0"

DEPT OF BUILDINGS 21-03020-01 Job Number E200502001

KEY PLAN: PROJECT W51 WEST 57TH ST 7TH FLOOR

PROJECT NORTH TRUE NORTH

DEVELOPER: **EXTELL DEVELOPMENT COMPANY**
805 THIRD AVENUE, 7TH FLOOR
NEW YORK, NY 10022 USA
TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT: Base Building Shell & Core
ADRIAN SMITH + GORDON GILL ARCHITECTURE
111 WEST MONROE STREET SUITE 2300
CHICAGO IL 60603
TEL: 312 920 1888 FAX: 312 920 1775

INTERIOR DESIGNER: Residential
Rottet Architecture and Design Studio, PLLC
298 Fifth Ave, 7th Floor
New York, NY 10017
TEL: 646 989 7000 FAX:

ARCHITECT OF RECORD: Base Building Shell, Core, & Residential
AJL ARCHITECTS, P.C.
401 Wellington St. W., 3rd Floor
Toronto, ON M5V 1E7 Canada
TEL: 416 967 1500 FAX: 416 967 7150

STRUCTURAL ENGINEERS: **WSP**
228 EAST 45th Street
New York, NY 10017 USA
TEL: 212 687 8885 FAX: 646 487 5501

MEP ENGINEERS: **AKF GROUP**
1501 Broadway
New York, NY 10036 USA
TEL: 212 354 5656 FAX: 212 354 5668

GEOTECHNICAL ENGINEERS: **Langan Engineering & Environmental Services**
21 Penn Plaza 360 West 31st Street, 8th Floor
New York, NY 10001-2727
TEL: 212 479 5400 FAX: 212 479 5444

CODE CONSULTANTS: **Construction Consulting Associates**
100 Church Street
New York, NY 10007
TEL: 212 385 1515 FAX: 212 385 1911

CURTAINWALL CONSULTANT: **AJLP Consulting**
40 Worth Street, Suite 826
New York, NY 10013
TEL: 212 757 6550 FAX: 646 219 8508

LANDMARK/PRESERVATION CONSULTANT: **Jan Hird Pokorny Associates, Inc.**
39 West 37th Street, 12A
New York, NY 10018
TEL: 212 759 6452 FAX: 212 759 6540

No.	DESCRIPTION	DATE
1	CD PROGRESS ISSUE 1	10-15-2014
2	DOB SUBMISSION	12-19-2014
3	CONSTRUCTION DOCUMENTS ISSUE 3	03-09-2015
4	PROGRESS CD	05-08-2015
5	CD PROGRESS ISSUE 5	08-10-2015
6	DOB AMENDMENT 2	09-18-2015

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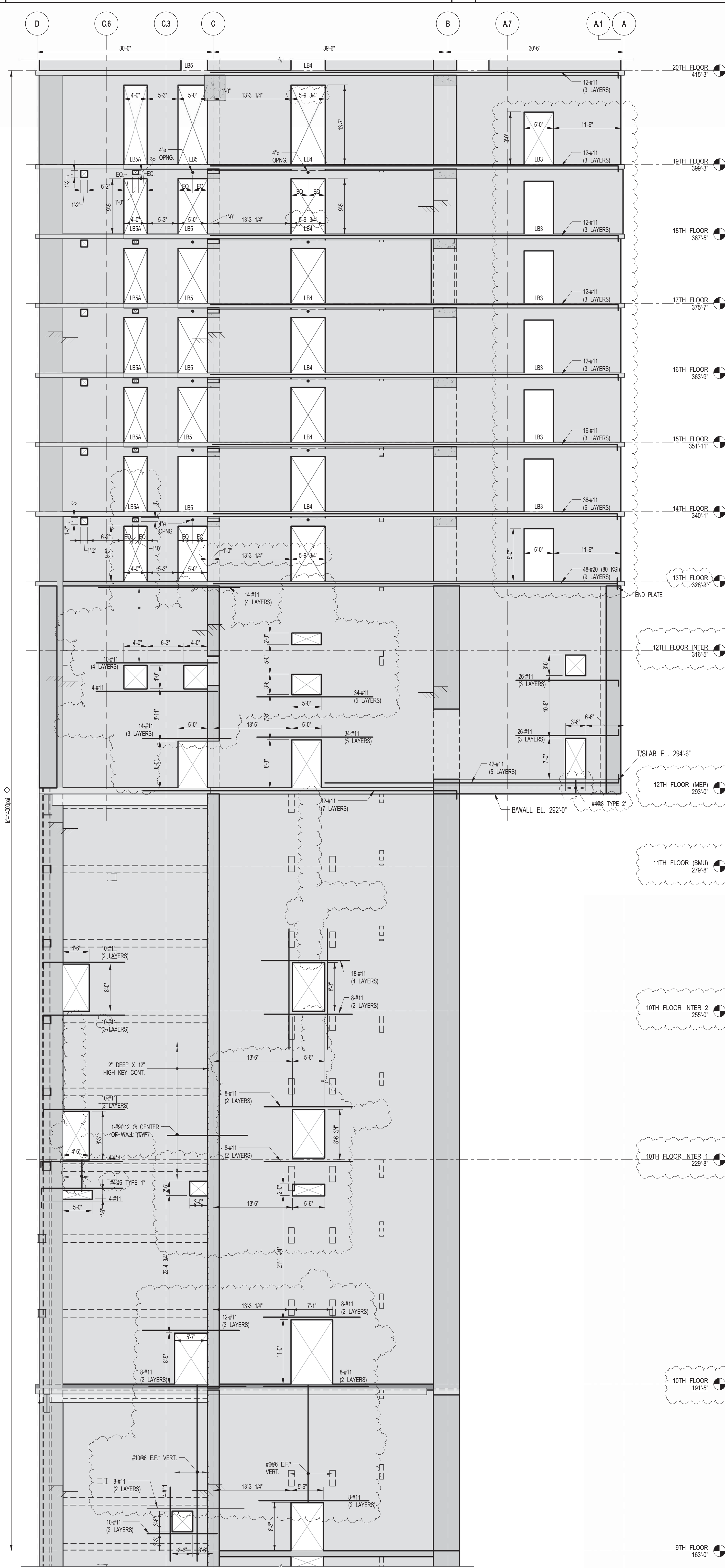
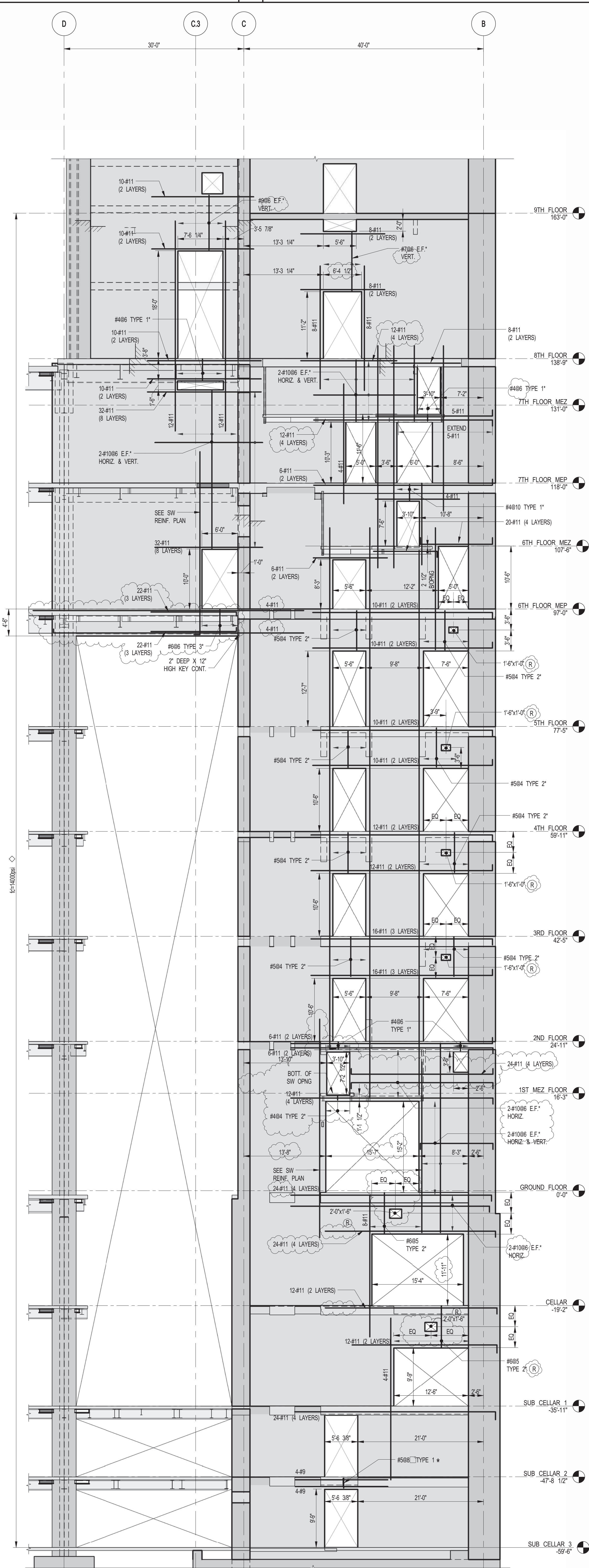
CONSULTANT: **WSP** 228 East 45th Street New York, NY 10017 (212) 687-8885 www.wsgroup.com/usa

PROJECT: **217 WEST 57TH STREET NEW YORK, NY**

DRAWING TITLE: **SHEARWALL ELEVATIONS ALONG GRIDLINE 3 (3 OF 3)**

SEAL & SIGNATURE: PROJECT No: 2012185 DRAWN: CADDO REV: 6 CHK: YE SCALE: 1/8" = 1'-0" DWG No: **S-452.01**

DOB PAGE No: 113 OF 158 DOB EMPLOYEE STAMP: DCSB 6-SCAN:



DEPT OF BLDGS 212-332-2000 Job Number ES20020683

KEY PLAN: PROJECT #101 WEST 57TH ST 7TH FLOOR

PROJECT NORTH TRUE NORTH

DEVELOPER: **EXTELL DEVELOPMENT COMPANY**
 805 THIRD AVENUE, 7TH FLOOR
 NEW YORK, NY 10022 USA
 TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT: Base Building Shell & Core
ADRIAN SMITH + GORDON GILL ARCHITECTURE
 111 WEST MONROE STREET SUITE 2300
 CHICAGO IL 60603
 TEL: 312 920 1888 FAX: 312 920 1775

INTERIOR DESIGNER: Residential
Rotet Architecture and Design Studio, PLLC
 208 Fifth Ave, 7th Floor
 New York, NY 10001
 TEL: 646 989 7000 FAX:

ARCHITECT OF RECORD: Base Building Shell, Core, & Residential
AJ ARCHITECTS, P.C.
 401 Wellington St. W., 3rd Floor
 Toronto, ON M5V 1E7 Canada
 TEL: 416 967 1500 FAX: 416 967 7150

STRUCTURAL ENGINEERS: **WSP**
 228 EAST 45th Street
 New York, NY 10017 USA
 TEL: 212 697 8885 FAX: 646 487 5501

MEP ENGINEERS: **AKF GROUP**
 1501 Broadway
 New York, NY 10036 USA
 TEL: 212 354 5656 FAX: 212 354 5668

GEOTECHNICAL ENGINEERS: **Langan Engineering & Environmental Services**
 21 Penn Plaza - 360 West 31st Street, 8th Floor
 New York, NY 10001-2727
 TEL: 212 479 5400 FAX: 212 479 5444

CODE CONSULTANTS: **Construction Consulting Associates**
 100 Church Street
 New York, NY 10007
 TEL: 212 385 1518 FAX: 212 385 1911

CURTAINWALL CONSULTANT: **AJLP Consulting**
 40 Worth Street, Suite 826
 New York, NY 10013
 TEL: 212 757 6659 FAX: 646 219 8508

LANDMARK/PRESERVATION CONSULTANT: **Jan Hird Pokorny Associates, Inc.**
 39 West 37th Street, 12A
 New York, NY 10018
 TEL: 212 759 6462 FAX: 212 759 6540

No.	DESCRIPTION	DATE
1	CD PROGRESS ISSUE 1	10-15-2014
2	ISSUED FOR CONSTRUCTION UP TO GROUND FLOOR ONLY	10-17-2014
3	ISSUED FOR CONSTRUCTION UP TO 5TH FLOOR ONLY	11-07-2014
4	ISSUED FOR CONSTRUCTION UP TO 7TH FLOOR ONLY	11-14-2014
5	DOB SUBMISSION	12-19-2014
6	DOB SUBMISSION	01-09-2015
7	DOB SUBMISSION	02-05-2015
8	CD UPDATE ISSUE	02-10-2015
9	CONSTRUCTION DOCUMENTS ISSUE 3	03-09-2015
10	PROGRESS CD	05-08-2015
11	CONSTRUCTION DOCUMENTS ISSUE 4	06-01-2015
12	CD PROGRESS ISSUE 5	08-10-2015
13	DOB AMENDMENT 2	09-18-2015

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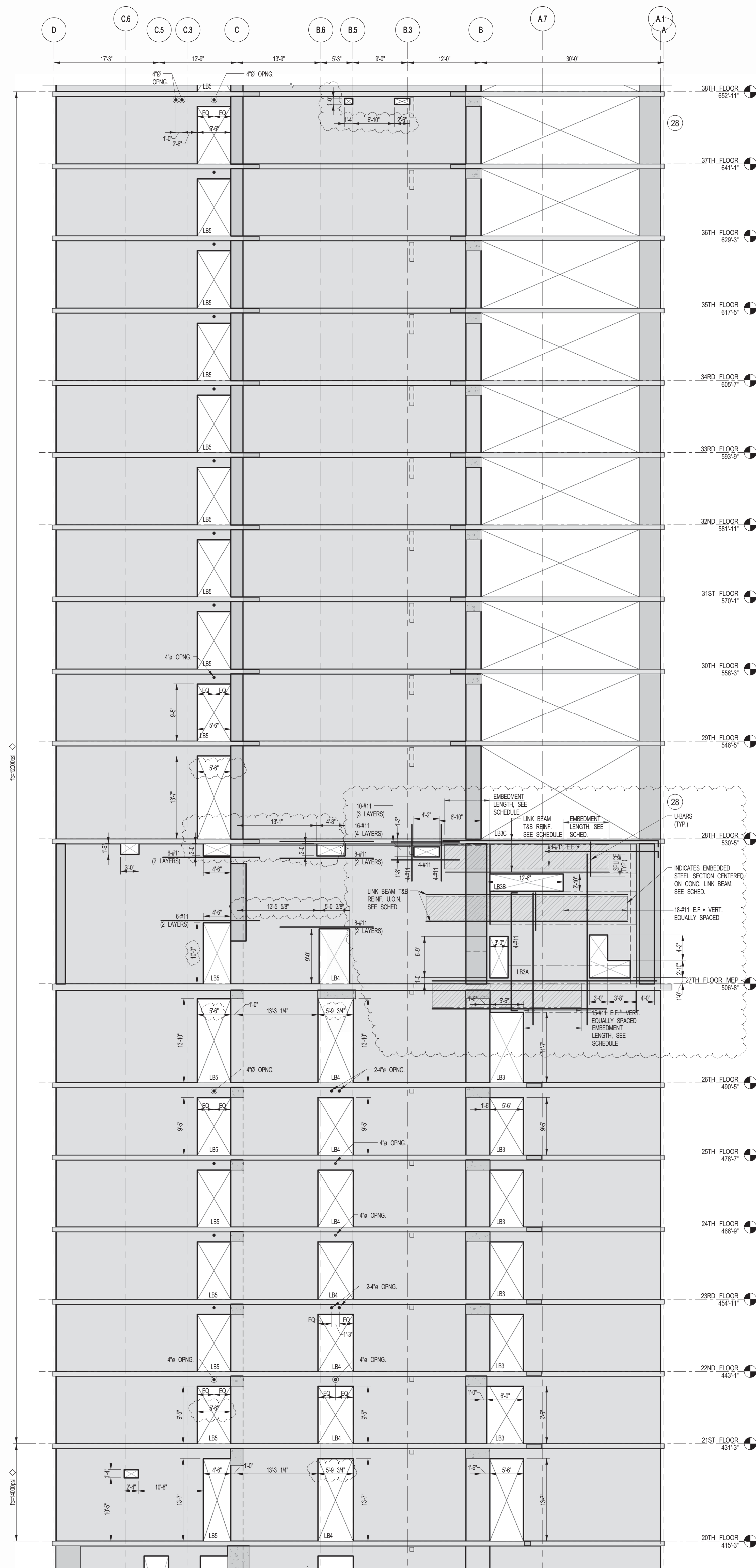
CONSULTANT: **WSP**
 228 East 45th Street
 New York, NY 10017
 (212) 697-8885
 www.wsgroup.com/usa

PROJECT: **217 WEST 57TH STREET**
 NEW YORK, NY

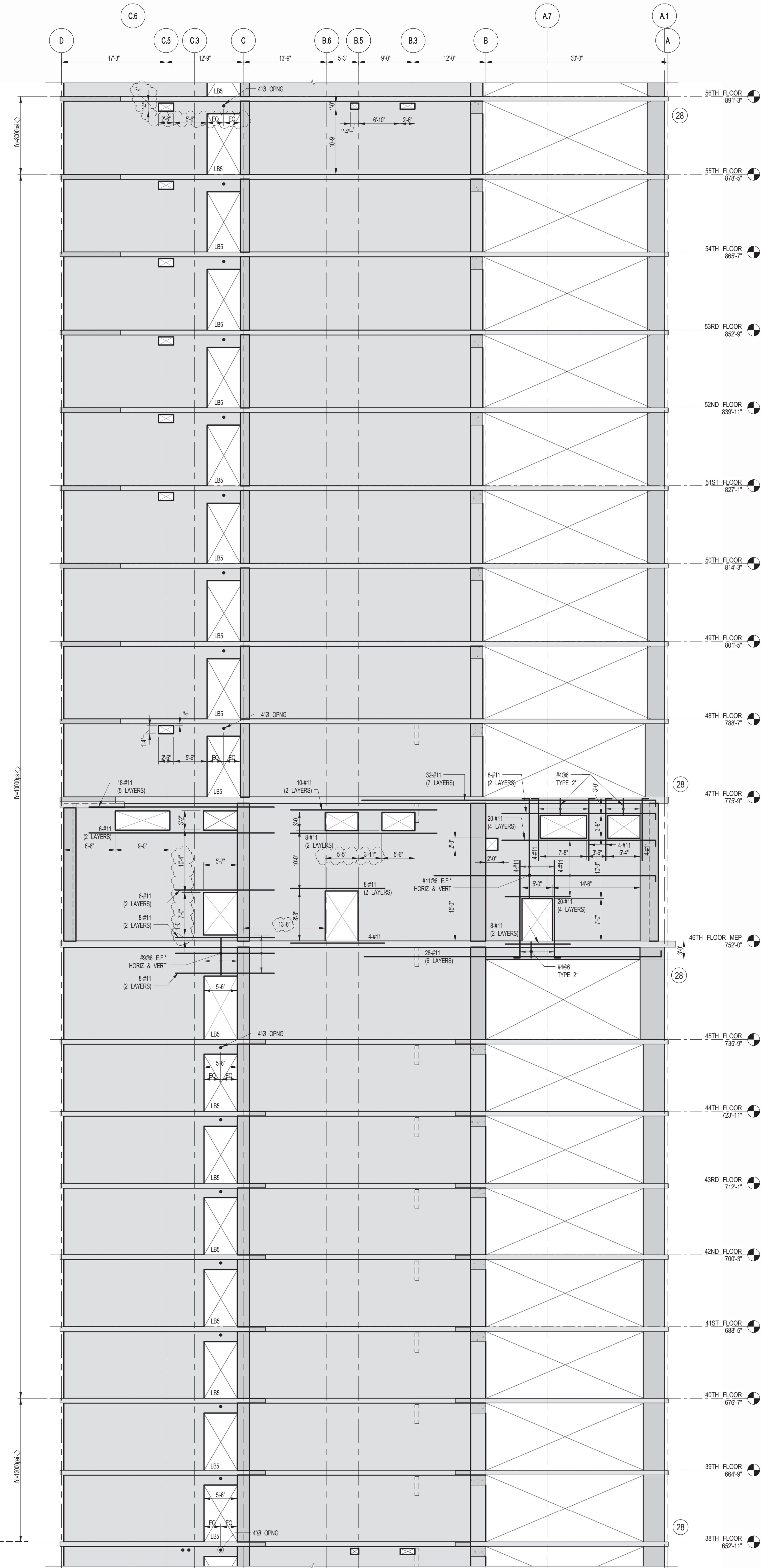
DRAWING TITLE: **SHEARWALL ELEVATIONS ALONG GRIDLINE 4 (1 OF 3)**

SEAL & SIGNATURE: PROJECT No: 2012185
 DRAWN: CADDO
 CHK: YE
 SCALE: 1/8" = 1'-0"
 DWG No: **S-453.01**
 DOB PAGE No: 114 OF 158
 DOB EMPLOYEE STAMP: DOB B-SCANN

NOTES:
 1. FOR NOTES SEE DRAWING S-453.



1 SHEARWALL EL. ALONG GL 4
SCALE: 1/8" = 1'-0"



2 SHEARWALL EL. ALONG GL 4
SCALE: 1/8" = 1'-0"

NOTES:
1. FOR NOTES SEE DRAWING S-450.

KEY PLAN

PROJECT NORTH

DEVELOPER: **EXTELL DEVELOPMENT COMPANY**
805 THIRD AVENUE, 7TH FLOOR
NEW YORK, NY 10022 USA
TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT: **Base Building Shell & Core**
ADRIAN SMITH + GORDON GILL ARCHITECTURE
111 WEST MONROE STREET SUITE 2300
CHICAGO, IL 60603
TEL: 312 920 1888 FAX: 312 920 1775

INTERIOR DESIGNER: **Residential**
Rottet Architecture and Design Studio, PLLC
208 Fifth Ave., 7th Floor
New York, NY 10001
TEL: 646 989 7000 FAX: 646 989 7000

ARCHITECT OF RECORD: **Base Building Shell, Core, & Residential**
AJA ARCHITECTS, P.C.
401 Wellington St. W., 3rd Floor
Toronto, ON M5V 1E7 Canada
TEL: 416 967 1500 FAX: 416 967 7150

STRUCTURAL ENGINEERS: **WSP**
228 East 45th Street
New York, NY 10017 USA
TEL: 212 687 8885 FAX: 646 487 5501

MEP ENGINEERS: **AKF GROUP**
1501 Broadway
New York, NY 10036 USA
TEL: 212 354 5656 FAX: 212 354 5668

GEOTECHNICAL ENGINEERS: **Langan Engineering & Environmental Services**
21 Penn Plaza - 360 West 31st Street, 8th Floor
New York, NY 10001-2272
TEL: 212 479 5400 FAX: 212 479 5444

CODE CONSULTANTS: **Construction Consulting Associates**
100 Church Street
New York, NY 10007
TEL: 212 385 1918 FAX: 212 385 1911

CURTAINWALL CONSULTANT: **AJLP Consulting**
40 Worth Street, Suite 826
New York, NY 10013
TEL: 212 757 6559 FAX: 646 219 8508

LANDMARK/PRESERVATION CONSULTANT: **Jan Hird Pokorny Associates, Inc.**
39 West 37th Street, 12A
New York, NY 10018
TEL: 212 759 6452 FAX: 212 759 6540

No.	DESCRIPTION	DATE
1	CD PROGRESS ISSUE 1	10-15-2014
2	DOB SUBMISSION	12-19-2014
3	CONSTRUCTION DOCUMENTS ISSUE 3	03-09-2015
4	PROGRESS CD	05-08-2015
5	CONSTRUCTION DOCUMENTS ISSUE 4	06-01-2015
6	CD PROGRESS ISSUE 5	08-10-2015
7	DOB AMENDMENT 2	09-18-2015

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CONSULTANT: **WSP**
228 East 45th Street
New York, NY 10017
(212) 687-8885
www.wspgroup.com/usa

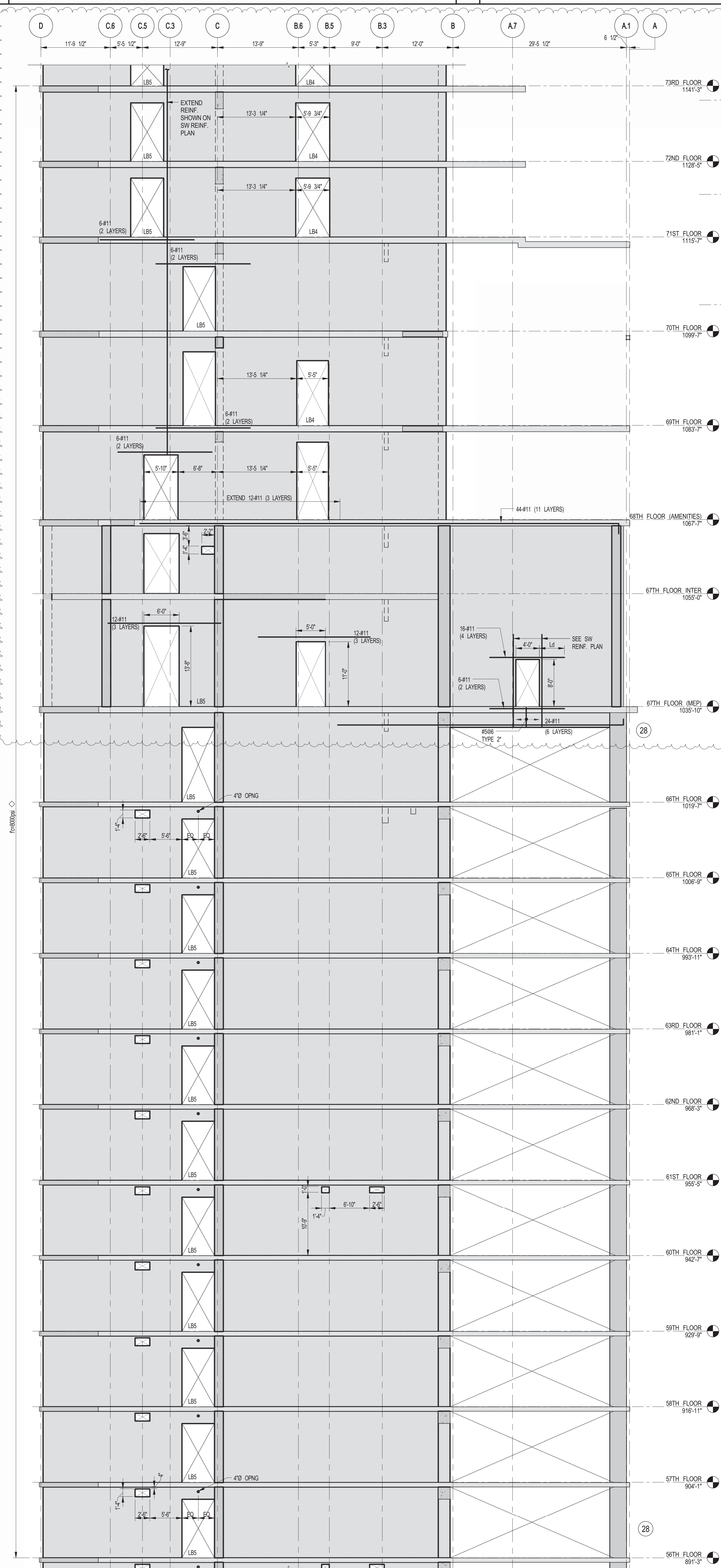
PROJECT: **217 WEST 57TH STREET
NEW YORK, NY**

DRAWING TITLE: **SHEARWALL ELEVATIONS ALONG
GRIDLINE 4 (2 OF 3)**

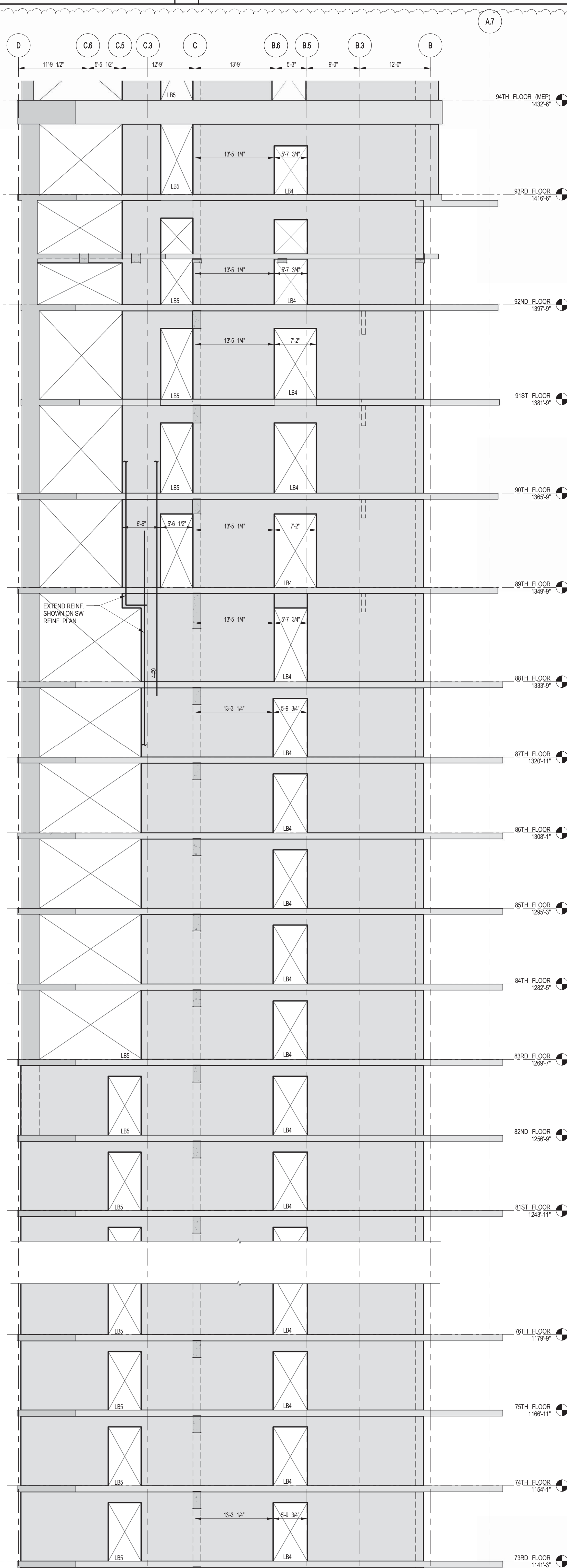
SEAL & SIGNATURE

DATE: 10-15-2014
PROJECT No: 2012185
DRAWN: CADDO
CHK: YE
SCALE: 1/8" = 1'-0"
DWG No: **S-454.01**

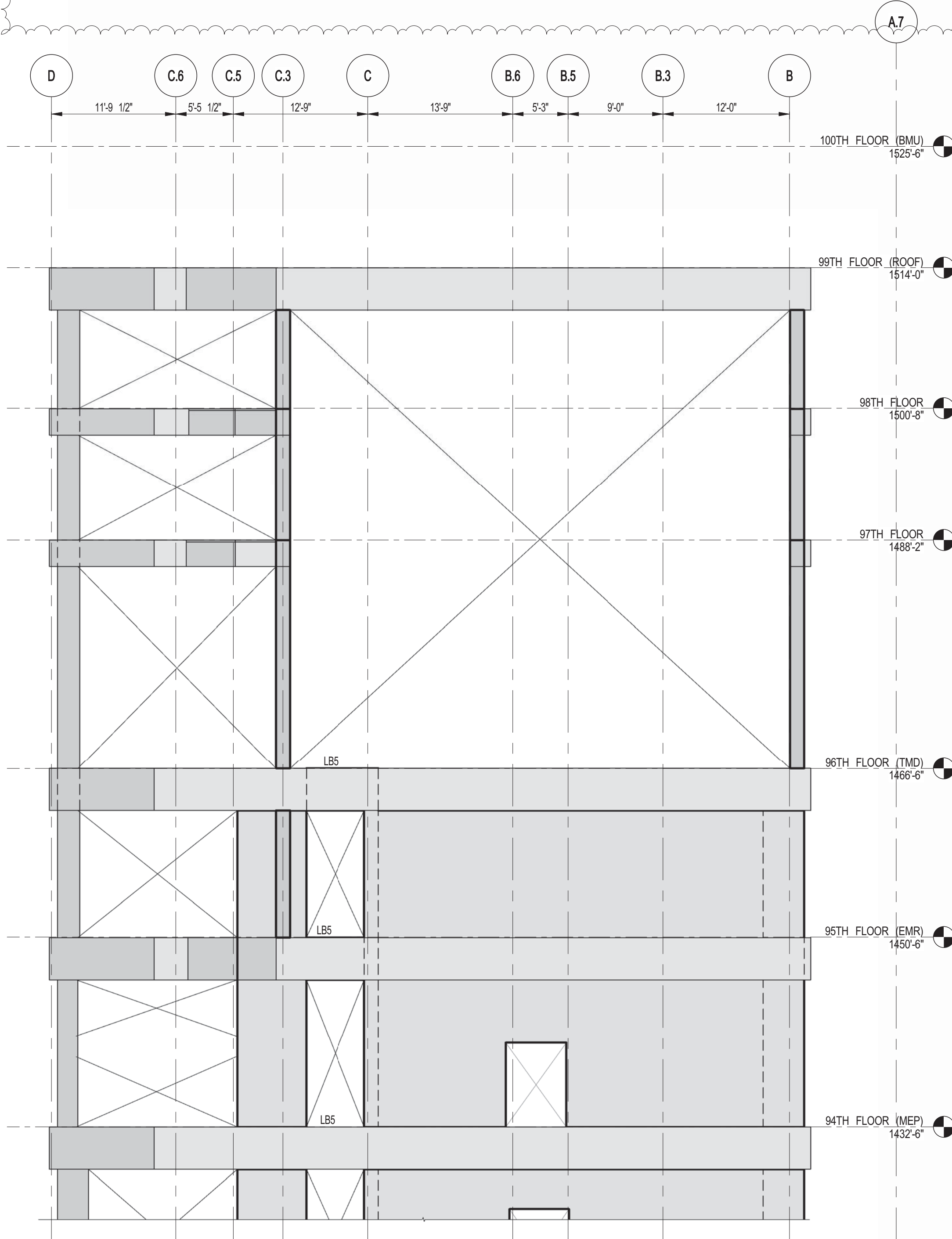
DOB PAGE No: 115 OF 158
DOB B-SCAN:



1 SHEARWALL EL. ALONG GL 4
S-455 SCALE: 1/8" = 1'-0"

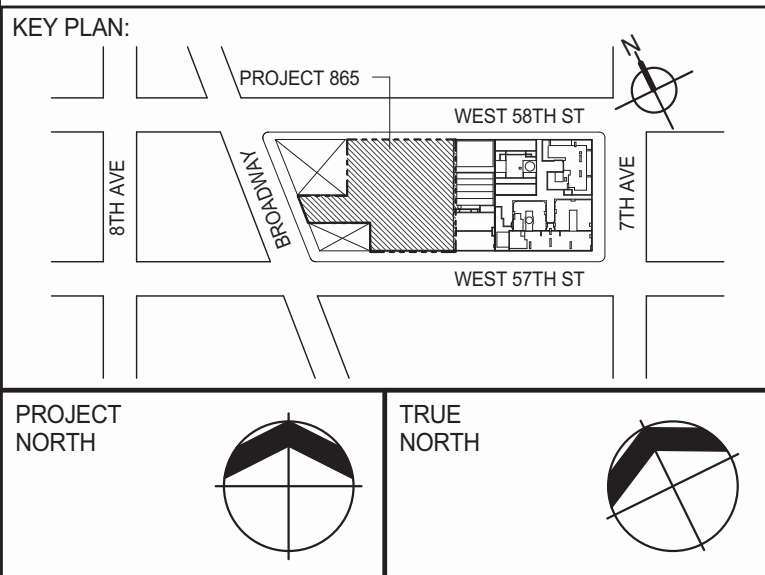


2 SHEARWALL EL. ALONG GL 4



3 SHEARWALL EL. ALONG GL 4
S-455 SCALE: 1/8" = 1'-0"

NOTES:
1. FOR NOTES SEE DRAWING S-450



EXTELL DEVELOPMENT COMPANY
805 THIRD AVENUE, 7TH FLOOR
New York, NY 10022 USA
TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT: Base Building Shell & Core
ADRIAN SMITH + GORDON GILL ARCHITECTURE
111 WEST MONROE STREET SUITE 2300
CHICAGO IL 60603
TEL: 312 920 1888 FAX: 312 920 1775

INTERIOR DESIGNER: Residential
Rottet Architecture and Design Studio, PLLC
298 Fifth Ave., 7th Floor
New York, NY 10001
TEL: 646 998 7000 FAX:

ARCHITECT OF RECORD: Base Building Shell, Core, & Residential
AAI ARCHITECTS, P.C.
 401 Wellington St. W., 3rd Floor
 Toronto, ON M5V 1E7 Canada
 TEL: 416 967 1500 FAX: 416 967 7150

STRUCTURAL ENGINEERS:
WSP
228 EAST 45th Street
New York, NY 10017 USA
TEL: 212 687 9888 FAX: 646 487 5501

MEP ENGINEERS:

AKF GROUP
1501 Broadway
New York, NY 10036 USA
TEL: 212 354 5656 FAX: 212 354 5668

GEOTECHNICAL ENGINEERS:
Langan Engineering & Environmental Services
21 Penn Plaza - 380 West 31st Street, 8th Floor
New York, NY 10001-2727
TEL: 212 479 5400 FAX: 212 479 5444

CODE CONSULTANTS:
Construction Consulting Associates
100 Church Street
New York, NY 10007
TEL: 212 385 1818 FAX: 212 385 1911

CURTAINWALL CONSULTANT:
AJLP Consulting
40 Worth Street, Suite 826
New York, NY 10013
TEL: 212 757 5659 FAX: 646 219 8508

LANDMARK/PRESERVATION CONSULTANT:
Jan Hird Pokorny Associates, Inc.
39 West 37th Street, 12A
New York, NY 10018
TEL: 212 759 6462 FAX: 212 759 6540

No.	DESCRIPTION	DATE
1	CD PROGRESS ISSUE 1	10-15-2014
2	ISSUED FOR CONSTRUCTION UP TO 7TH FLOOR ONLY	11-14-2014
3	DOB SUBMISSION	12-19-2014
4	CONSTRUCTION DOCUMENTS ISSUE 3	03-09-2015
5	PROGRESS CD	05-08-2015
6	CD PROGRESS ISSUE 5	08-10-2015
7	DOB AMENDMENT 2	09-18-2015

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CONSULTANT:

 **WSP**

228 East 45th Street
New York, NY 10017
(212) 687-9888
www.wspgroup.com/usa

PROJECT:

217 WEST 57TH STREET
NEW YORK, NY


DRAWING TITLE:

SHEARWALL ELEVATIONS ALONG
GRIDLINE 4 (3 OF 3)

SEAL & SIGNATURE:	DATE: 10-15-2014
-------------------	------------------

PROJECT No:	2012185
-------------	---------

	DRAWN: CADD	REV:
	CHECK: YES	7



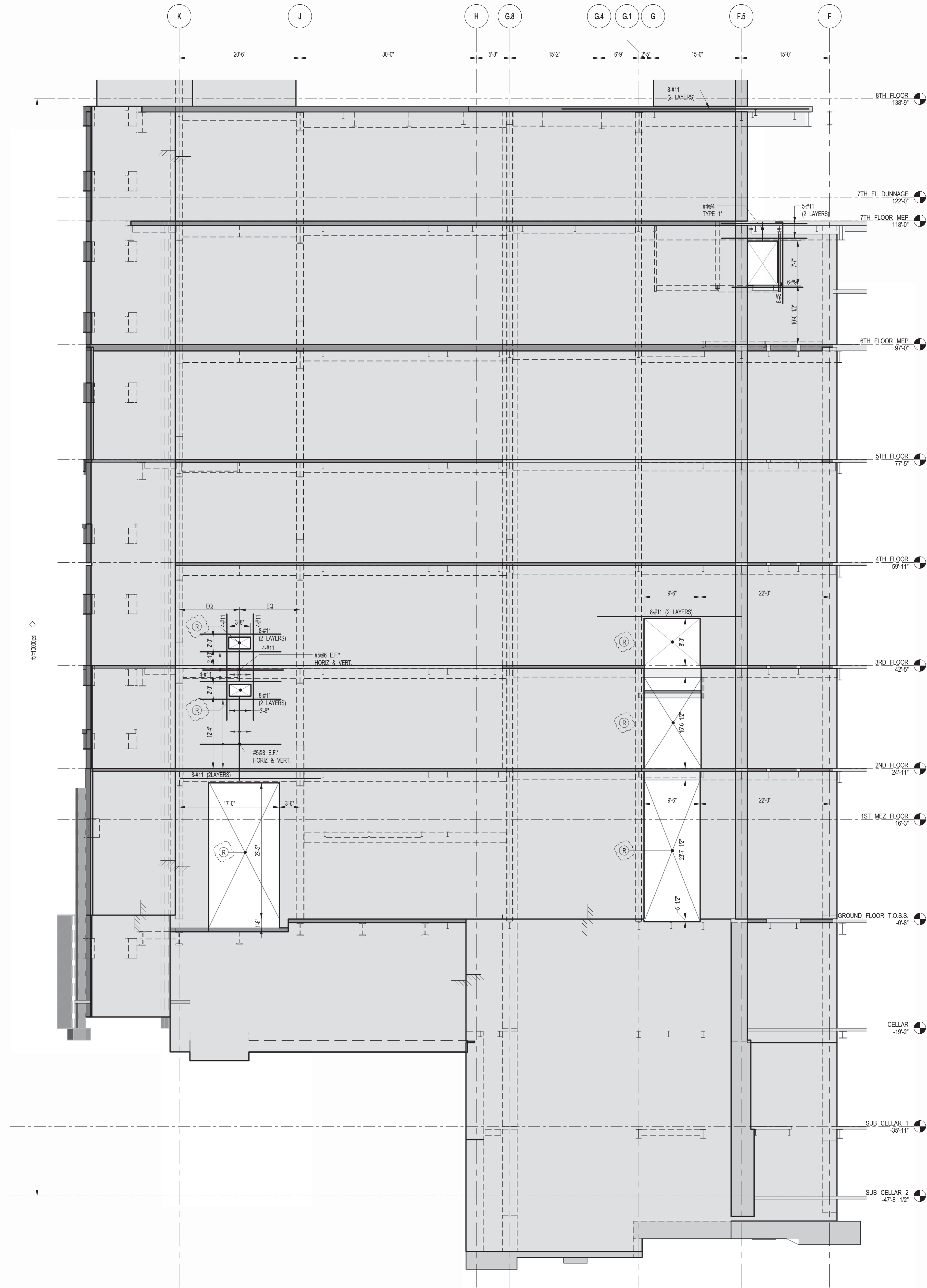
CHR.	TE
SCALE: 1/8" = 1'-0"	

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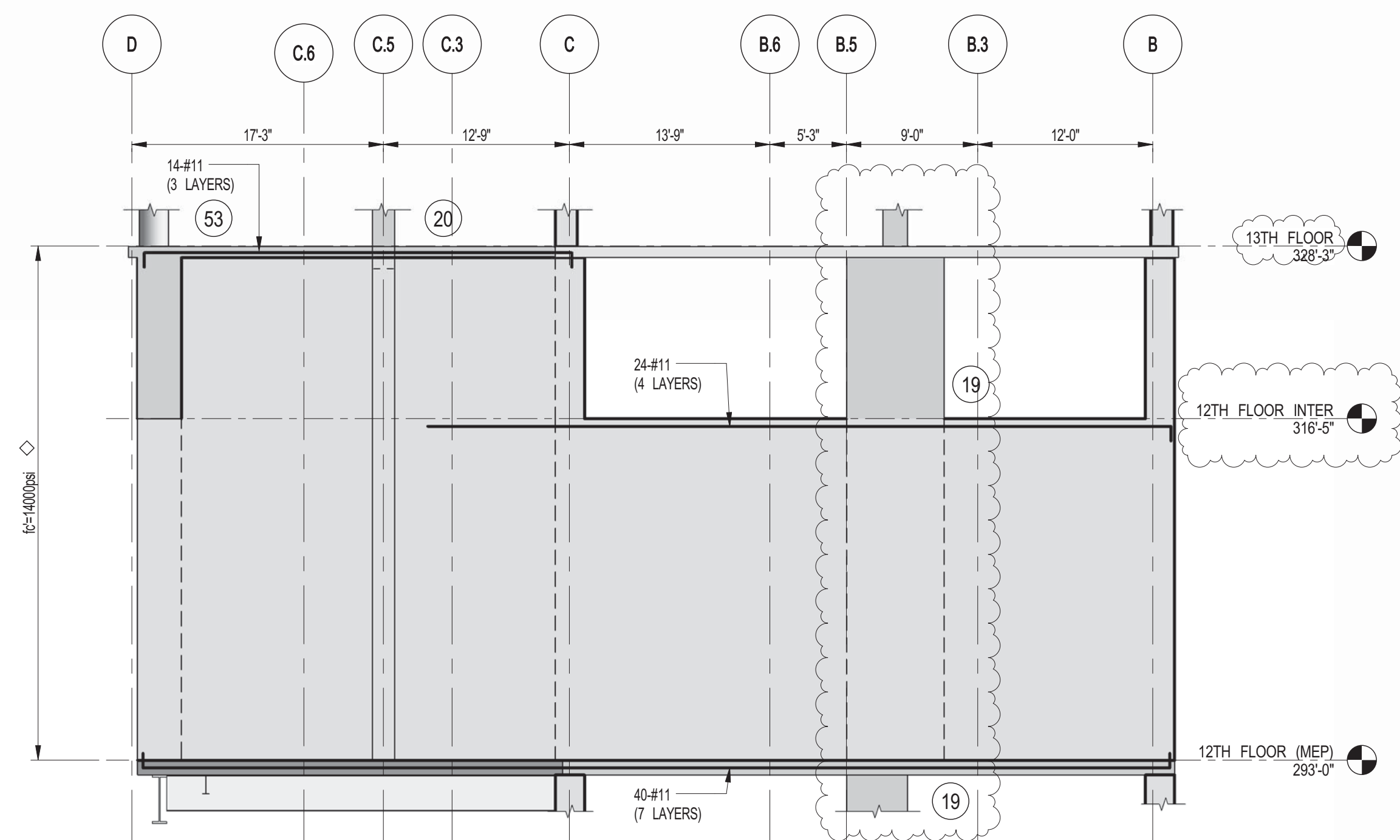


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S-455.01

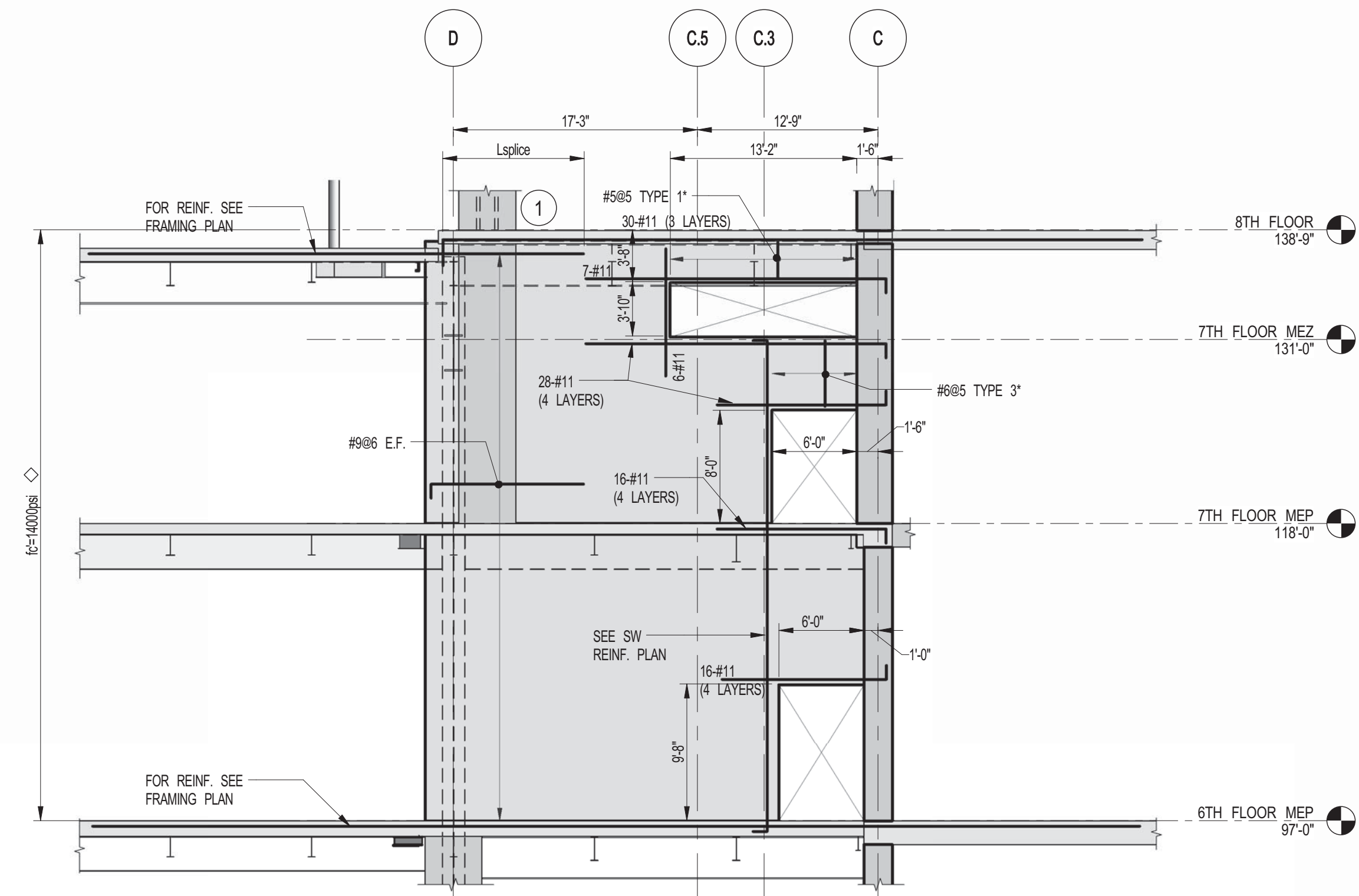
DOB PAGE No: 116 OF 158	
DOB EMPLOYEE STAMP:	DOB B-SCAN:



1 SHEARWALL EL. ALONG GL 5.2
 S-456 SCALE: 1/8" = 1'-0"



2 SHEARWALL EL. ALONG GL 5.2
 S-456 SCALE: 1/8" = 1'-0"



3 SHEARWALL EL. ALONG GL 5
 S-456 SCALE: 1/8" = 1'-0"

NOTES:
 1. FOR NOTES SEE DRAWING S-450.

DEPT OF BLDGS 217532829 Job Number

PROJECT #10
 PROJECT NORTH
 TRUE NORTH

DEVELOPER:
EXTELL DEVELOPMENT COMPANY
 805 THIRD AVENUE, 7TH FLOOR
 NEW YORK, NY 10022 USA
 TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT:
 Base Building Shell & Core
ADRIAN SMITH + GORDON GILL ARCHITECTURE
 111 WEST MONROE STREET SUITE 2300
 CHICAGO, IL 60603
 TEL: 312 920 1888 FAX: 312 920 1775

INTERIOR DESIGNER:
 Residential
Rotter Architecture and Design Studio, PLLC
 298 Fifth Ave, 7th Floor
 New York, NY 10017
 TEL: 646 989 7000 FAX:

ARCHITECT OF RECORD:
 Base Building Shell, Core, & Residential
AJL ARCHITECTS, P.C.
 401 Wellington St. W., 3rd Floor
 Toronto, ON M5V 1E7 Canada
 TEL: 416 967 1500 FAX: 416 967 7150

STRUCTURAL ENGINEERS:
WSP
 228 East 45th Street
 New York, NY 10017 USA
 TEL: 212 687 8885 FAX: 646 487 5501

MEP ENGINEERS:
AKF GROUP
 1501 Broadway
 New York, NY 10036 USA
 TEL: 212 354 5656 FAX: 212 354 5668

GEOTECHNICAL ENGINEERS:
Langan Engineering & Environmental Services
 21 Penn Plaza - 360 West 31st Street, 8th Floor
 New York, NY 10001-2727
 TEL: 212 479 5400 FAX: 212 479 5444

CODE CONSULTANTS:
Construction Consulting Associates
 100 Church Street
 New York, NY 10007
 TEL: 212 385 1515 FAX: 212 385 1911

CURTAINWALL CONSULTANT:
AJLP Consulting
 40 Worth Street, Suite 826
 New York, NY 10013
 TEL: 212 757 6550 FAX: 646 219 8508

LANDMARK/PRESERVATION CONSULTANT:
Jan Hird Pokorny Associates, Inc.
 39 West 57th Street, 12A
 New York, NY 10019
 TEL: 212 759 6452 FAX: 212 759 6540

No.	DESCRIPTION	DATE
1	CD PROGRESS ISSUE 1	10-15-2014
2	ISSUED FOR CONSTRUCTION UP TO GROUND FLOOR ONLY	10-17-2014
3	ISSUED FOR CONSTRUCTION UP TO 5TH FLOOR ONLY	11-07-2014
4	ISSUED FOR CONSTRUCTION UP TO 7TH FLOOR ONLY	11-14-2014
5	DOB SUBMISSION	12-19-2014
6	CD PROGRESS ISSUE-2	12-19-2014
7	DOB SUBMISSION	02-05-2015
8	CD UPDATE ISSUE	02-10-2015
9	CONSTRUCTION DOCUMENTS ISSUE 3	03-09-2015
10	PROGRESS CD	05-08-2015
11	CONSTRUCTION DOCUMENTS ISSUE 4	06-01-2015
12	CD PROGRESS ISSUE 5	08-10-2015
13	DOB AMENDMENT 2	09-18-2015

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CONSULTANT:
WSP
 228 East 45th Street
 New York, NY 10017
 (212) 687-8885
 www.wspgroup.com/usa

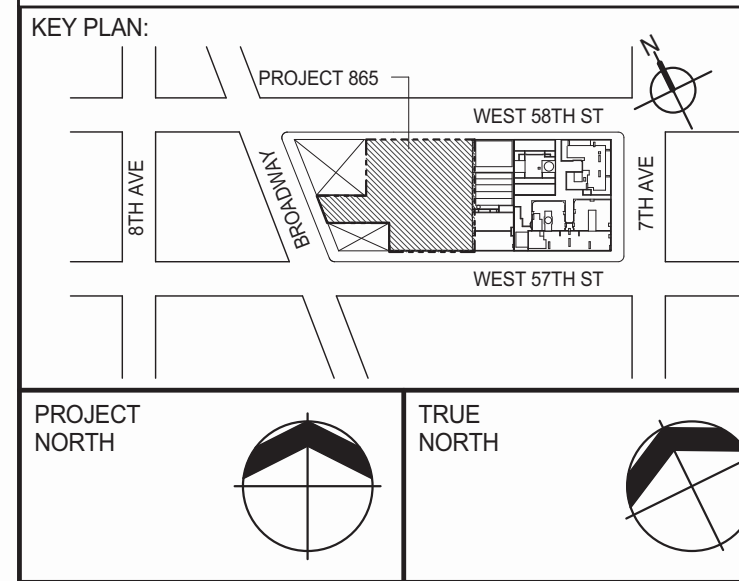
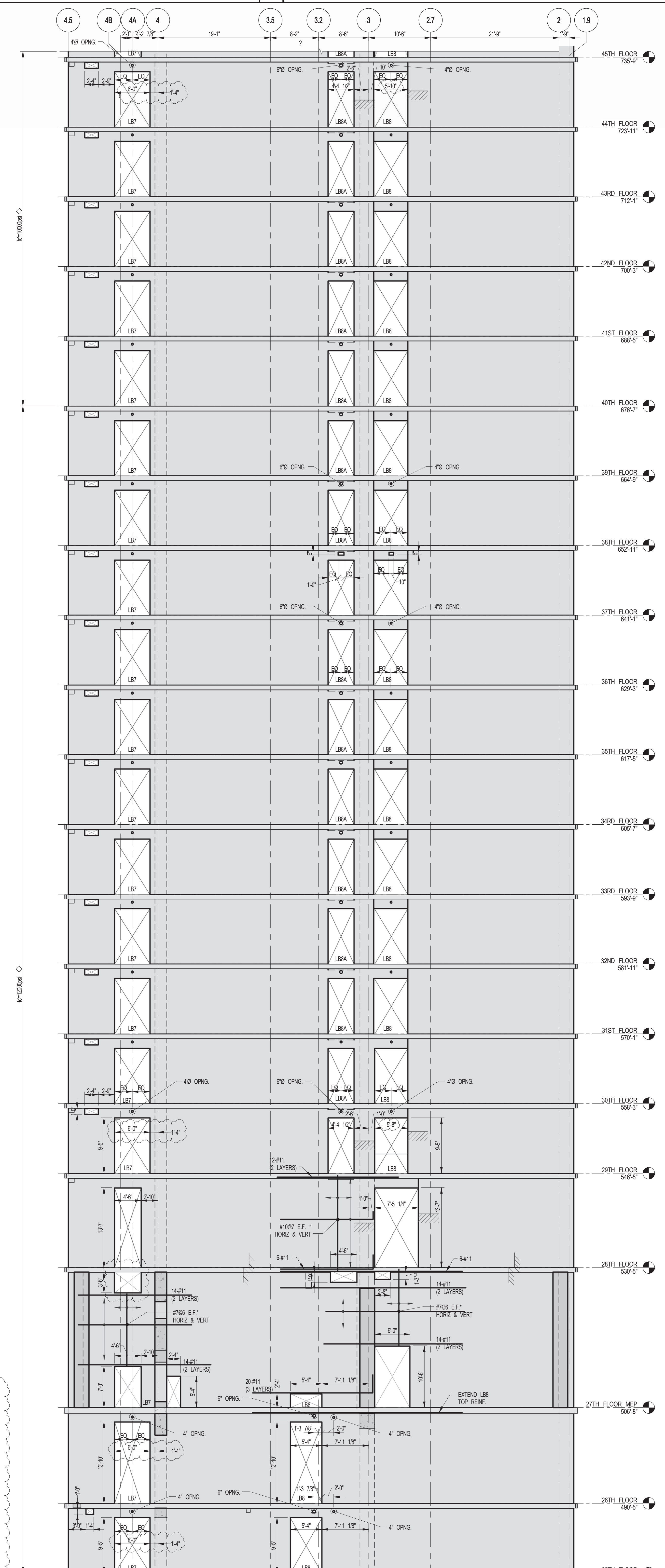
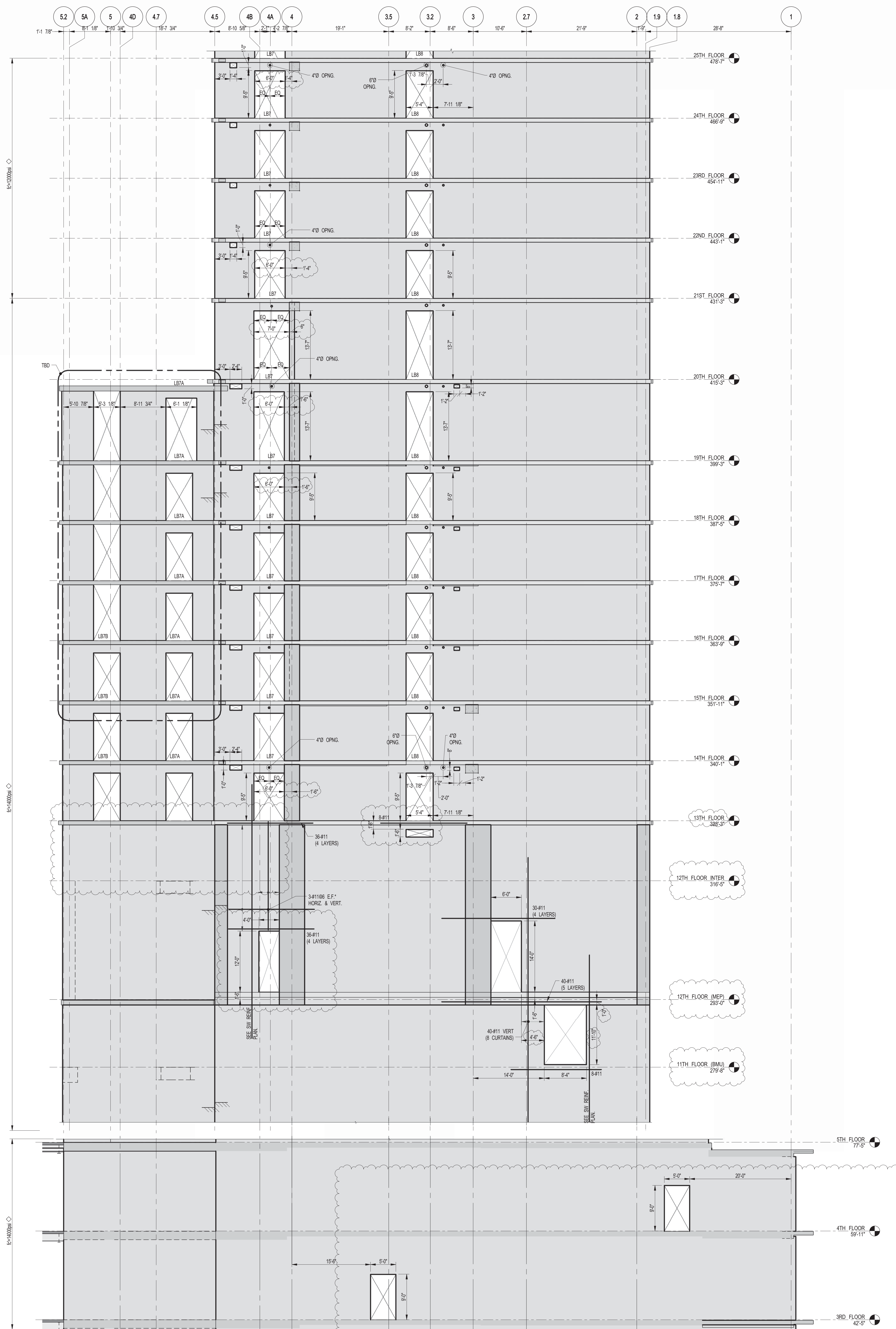
PROJECT:
217 WEST 57TH STREET
 NEW YORK, NY

DRAWING TITLE:
SHEARWALL ELEVATIONS ALONG GRIDLINES 5.2 & 5

SEAL & SIGNATURE

DATE: 10-15-2014
 PROJECT No: 2012185
 DRAWN: CADOD
 CHK: YE
 SCALE: 1/8" = 1'-0"
 DWG No:
S-456.01

DOB EMPLOYEE STAMP: DOB B-S-CAN:



DEVELOPER: **EXTELL DEVELOPMENT COMPANY**
805 THIRD AVENUE, 7TH FLOOR
NEW YORK, NY 10022 USA
TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT: **Base Building Shell & Core**
ADRIAN SMITH + GORDON GILL ARCHITECTURE
111 WEST MONROE STREET SUITE 2300
CHICAGO, IL 60603
TEL: 312 920 1888 FAX: 312 920 1775

INTERIOR DESIGNER: **Residential**
Rottet Architecture and Design Studio, PLLC
288 Fifth Ave, 7th Floor
New York, NY 10001
TEL: 646 989 7000 FAX:

ARCHITECT OF RECORD: **Base Building Shell, Core, & Residential**
AJA ARCHITECTS, P.C.
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Toronto, ON M5V 1E7 Canada
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STRUCTURAL ENGINEERS: **WSP**
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TEL: 212 687 8885 FAX: 646 487 5501

MEP ENGINEERS: **AKF GROUP**
1501 Broadway
New York, NY 10036 USA
TEL: 212 354 5656 FAX: 212 354 5668

GEOTECHNICAL ENGINEERS: **Langan Engineering & Environmental Services**
21 Penn Plaza, 360 West 31st Street, 8th Floor
New York, NY 10001-2727
TEL: 212 479 5400 FAX: 212 479 5444

CODE CONSULTANTS: **Construction Consulting Associates**
100 Church Street
New York, NY 10007
TEL: 212 385 1515 FAX: 212 385 1911

CURTAINWALL CONSULTANT: **AJLP Consulting**
40 Worth Street, Suite 826
New York, NY 10013
TEL: 212 757 6550 FAX: 646 219 8508

LANDMARK/PRESERVATION CONSULTANT: **Jan Hird Pokorny Associates, Inc.**
39 West 37th Street, 12A
New York, NY 10018
TEL: 212 759 6452 FAX: 212 759 6540

No.	DESCRIPTION	DATE
1	CD PROGRESS ISSUE 1	10-15-2014
2	DOB SUBMISSION	12-19-2014
3	CONSTRUCTION DOCUMENTS ISSUE 3	03-09-2015
4	PROGRESS CD	05-08-2015
5	CONSTRUCTION DOCUMENTS ISSUE 4	06-01-2015
6	VOID SPACE PROGRESS	07-15-2015
7	CD PROGRESS ISSUE 5	08-10-2015
8	DOB AMENDMENT 2	09-18-2015

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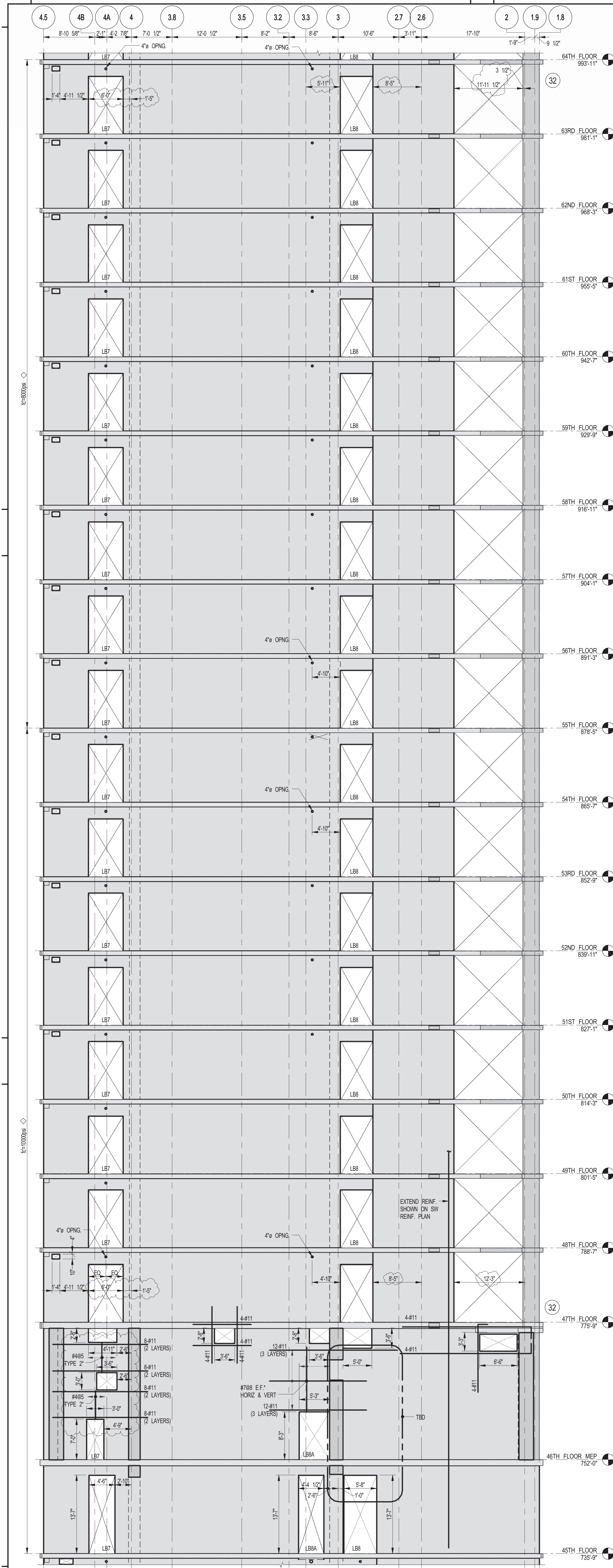
CONSULTANT: **WSP**
228 East 45th Street
New York, NY 10017
(212) 687-8885
www.wsgroup.com/usa

PROJECT: **217 WEST 57TH STREET**
NEW YORK, NY

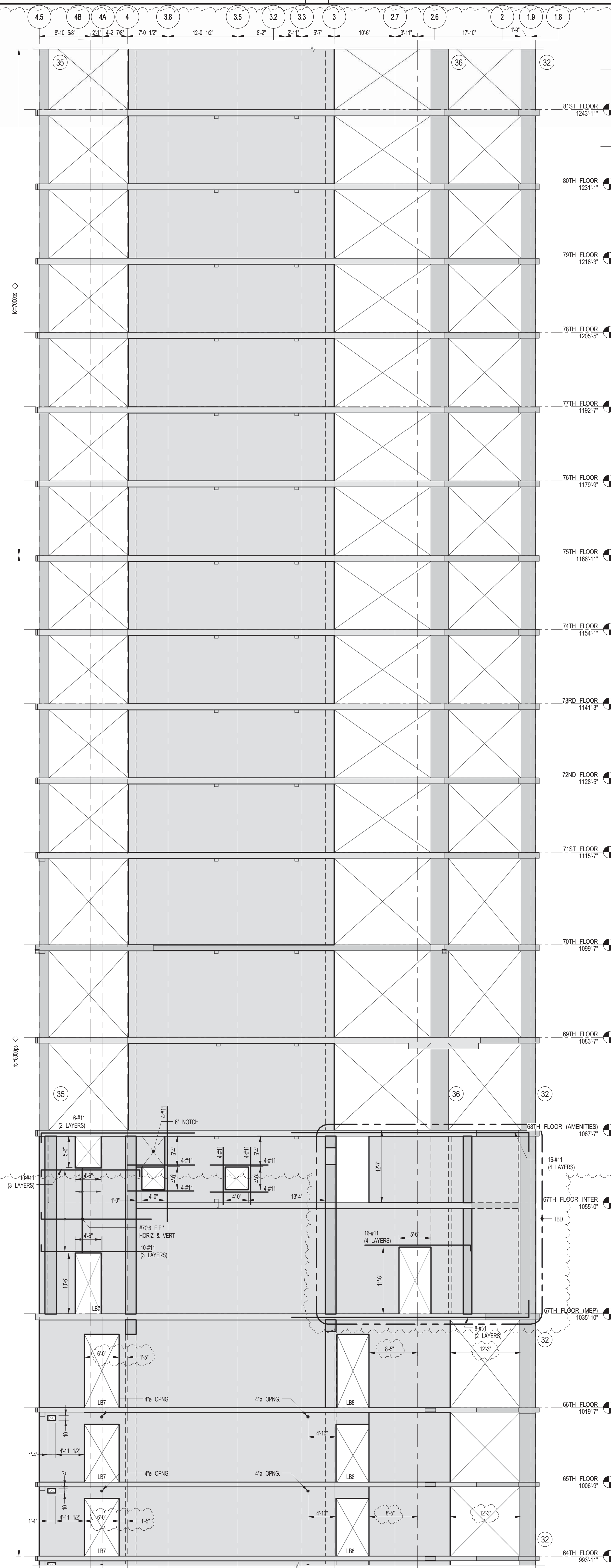
DRAWING TITLE: **SHEARWALL ELEVATIONS ALONG GRIDLINE B (1 OF 2)**

SEAL & SIGNATURE: **ARCHITECT OF RECORD**
DATE: 10-15-2014
PROJECT No: 2012185
DRAWN: CADDO
CHK: YE
SCALE: 1/8" = 1'-0"
DWG No: **S-457.00**

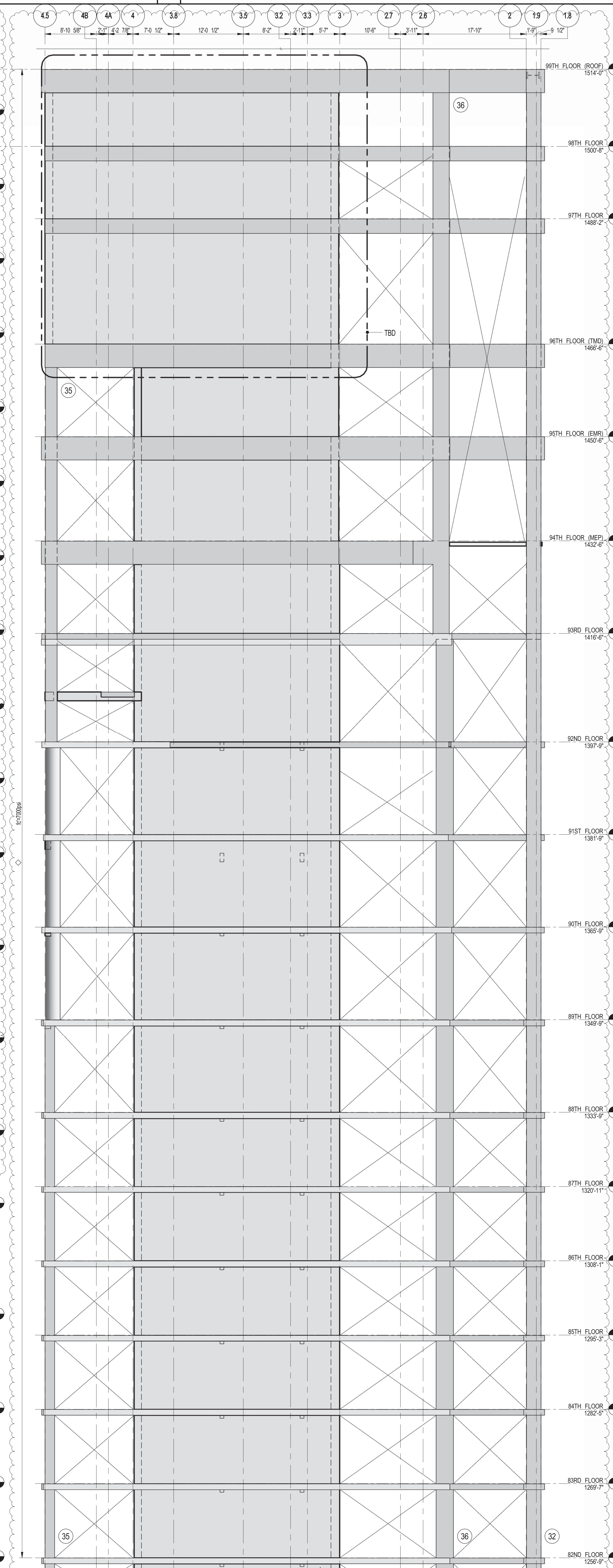
DOB PAGE No: 118 OF 158
DOB EMPLOYEE STAMP: DGB B-SCAN:



1 SHEARWALL EL. ALONG GL B
SCALE: 1/8" = 1'-0"



2 SHEARWALL EL. ALONG GL B
SCALE: 1/8" = 1'-0"



3 SHEARWALL EL. ALONG GL B
SCALE: 1/8" = 1'-0"

1. FOR NOTES SEE DRAWING S-450.

DEPT OF BUILDINGS

PROJECT NO. 2017185

PROJECT NAME: 217 WEST 57TH STREET, NEW YORK, NY

DRAWING TITLE: SHEARWALL ELEVATIONS ALONG GRIDLINE B (2 OF 2)

DATE: 10-15-2014

PROJECT NO: 2017185

DRAWN: CADDO

CHK: YE

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

DWG NO: S-458.01

DOB PAGE NO: 119 OF 158

DOB EMPLOYEE STAMP: USCB B-SCAN:

KEY PLAN

PROJECT NO. 2017185

TRUE NORTH

DEVELOPER: EXTELL DEVELOPMENT COMPANY
805 THIRD AVENUE, 7TH FLOOR
NEW YORK, NY 10022 USA
TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT: Base Building Shell & Core
ADRIAN SMITH + GORDON GILL ARCHITECTURE
111 WEST MONROE STREET SUITE 2300
CHICAGO IL 60603
TEL: 312 920 1888 FAX: 312 920 1775

INTERIOR DESIGNER: Residential
Rottet Architecture and Design Studio, PLLC
288 Fifth Ave, 7th Floor
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TEL: 646 989 7000 FAX:

ARCHITECT OF RECORD: Base Building Shell, Core, & Residential
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401 Westchester St. W., 3rd Floor
Toronto, ON M5V 1E7 Canada
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228 East 45th Street
New York, NY 10017 USA
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MEP ENGINEERS: AKF GROUP
1501 Broadway
New York, NY 10036 USA
TEL: 212 354 5656 FAX: 212 354 5668

GEOTECHNICAL ENGINEERS: Langan Engineering & Environmental Services
21 Penn Plaza - 360 West 31st Street, 8th Floor
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TEL: 212 479 5400 FAX: 212 479 5444

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100 Church Street
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TEL: 212 385 6181 FAX: 212 385 1911

CURTAINWALL CONSULTANT: A.J.P. Consulting
40 Worth Street, Suite 826
New York, NY 10013
TEL: 212 757 5559 FAX: 646 219 8508

LANDMARK/PRESERVATION CONSULTANT: Jan Hird Pokorny Associates, Inc.
39 West 57th Street, 12A
New York, NY 10019
TEL: 212 759 6452 FAX: 212 759 6540

No. DESCRIPTION DATE

1 CD PROGRESS ISSUE 1 10-15-2014

2 DOB SUBMISSION 12-19-2014

3 CONSTRUCTION DOCUMENTS 03-09-2015

4 PROGRESS CD 05-08-2015

5 CONSTRUCTION DOCUMENTS 06-01-2015

6 CD PROGRESS ISSUE 5 08-10-2015

7 DOB AMENDMENT 2 09-18-2015

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CONSULTANT: WSP
228 East 45th Street
New York, NY 10017
(212) 697-8885
www.wspgroup.com/usa

SEAL & SIGNATURE: [Signature]

DATE: 10-15-2014

PROJECT NO: 2017185

DRAWN: CADDO

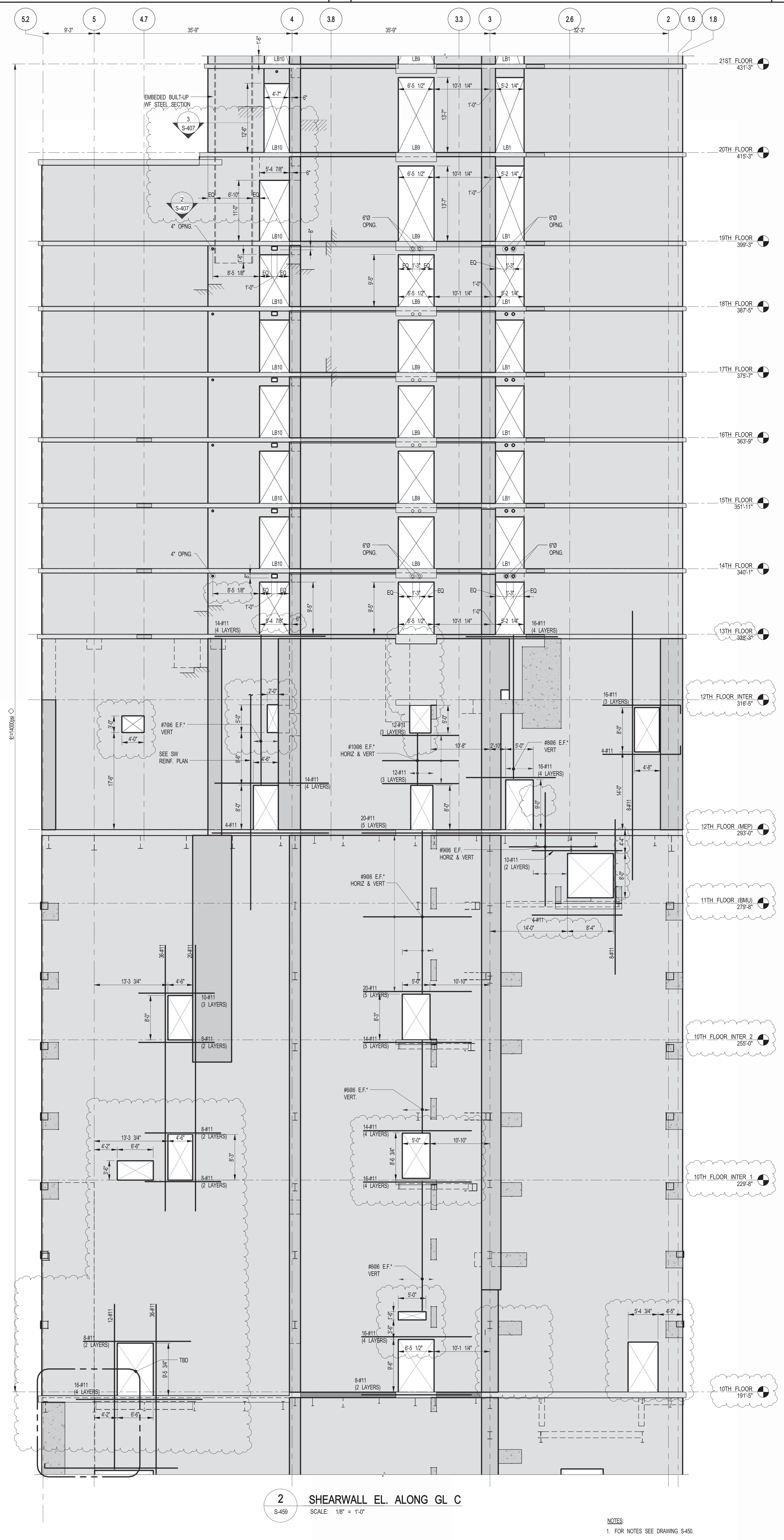
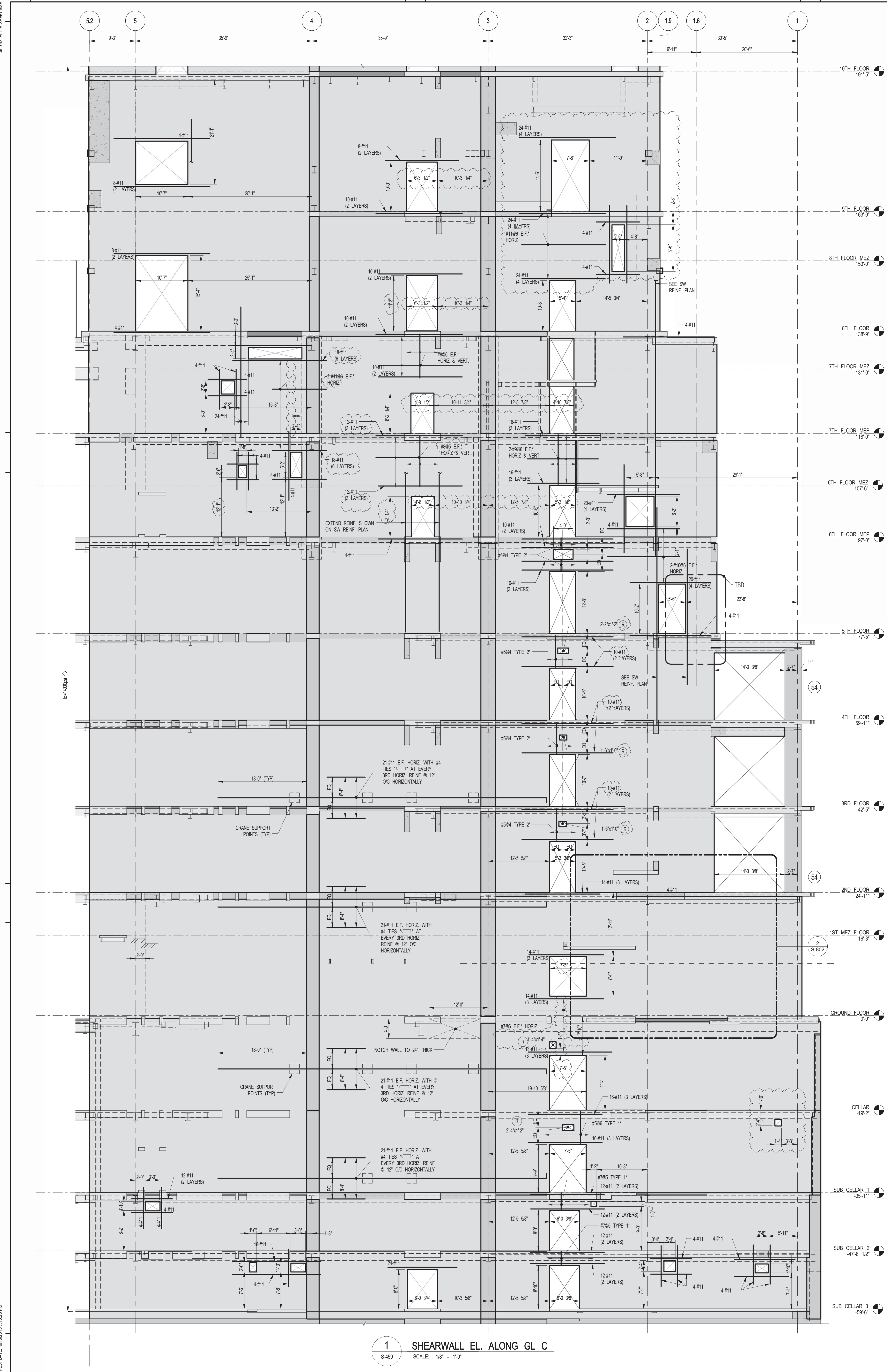
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SCALE: 1/8" = 1'-0"

DWG NO: S-458.01

DOB PAGE NO: 119 OF 158

DOB EMPLOYEE STAMP: USCB B-SCAN:



KEY PLAN

PROJECT NORTH

DEVELOPER:
 EXTELL DEVELOPMENT COMPANY
 805 THIRD AVENUE, 7TH FLOOR
 NEW YORK, NY 10022 USA
 TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT: Base Building Shell & Core
ADRIAN SMITH + GORDON GILL ARCHITECTURE
 111 WEST MONROE STREET SUITE 2300
 CHICAGO IL 60603
 TEL: 312 920 1888 FAX: 312 920 1775

INTERIOR DESIGNER: Residential
Rottet Architecture and Design Studio, PLLC
 288 Fifth Ave, 7th Floor
 New York, NY 10001
 TEL: 646 989 7000 FAX:

ARCHITECT OF RECORD: Base Building Shell, Core, & Residential
AJAJ ARCHITECTS, P.C.
 401 Westchester St., 3rd Floor
 Toronto, ON M5V 1E7 Canada
 TEL: 416 967 1500 FAX: 416 967 7150

STRUCTURAL ENGINEERS:
WSP
 228 East 45th Street
 New York, NY 10017 USA
 TEL: 212 697 8885 FAX: 646 487 5501

MEP ENGINEERS:
AKF GROUP
 1501 Broadway
 New York, NY 10036 USA
 TEL: 212 354 5656 FAX: 212 354 5668

GEOTECHNICAL ENGINEERS:
Langan Engineering & Environmental Services
 21 Penn Plaza - 360 West 31st Street, 8th Floor
 New York, NY 10001-2272
 TEL: 212 479 5400 FAX: 212 479 5444

CODE CONSULTANTS:
Construction Consulting Associates
 100 Church Street
 New York, NY 10007
 TEL: 212 385 6181 FAX: 212 385 1911

CURTAINWALL CONSULTANT:
AJLP Consulting
 40 Worth Street, Suite 826
 New York, NY 10013
 TEL: 212 757 6659 FAX: 646 219 8508

LANDMARK/PRESERVATION CONSULTANT:
Jan Hird Pokorny Associates, Inc.
 39 West 57th Street, 12A
 New York, NY 10019
 TEL: 212 759 6452 FAX: 212 759 6540

No.	DESCRIPTION	DATE
1	CD PROGRESS ISSUE 1	10-15-2014
2	ISSUED FOR CONSTRUCTION UP TO GROUND FLOOR ONLY	10-17-2014
3	ISSUED FOR CONSTRUCTION UP TO 5TH FLOOR ONLY	11-07-2014
4	ISSUED FOR CONSTRUCTION UP TO 7TH FLOOR ONLY	11-14-2014
5	DOB SUBMISSION	12-19-2014
6	DOB SUBMISSION	01-09-2015
7	DOB SUBMISSION	02-05-2015
8	CD UPDATE ISSUE	02-10-2015
9	CONSTRUCTION DOCUMENTS ISSUE 3	03-09-2015
10	PROGRESS CD	05-08-2015
11	DOB SUBMISSION	05-19-2015
12	CONSTRUCTION DOCUMENTS ISSUE 4	06-01-2015
13	CD PROGRESS ISSUE 5	08-10-2015
14	DOB AMENDMENT 2	09-18-2015

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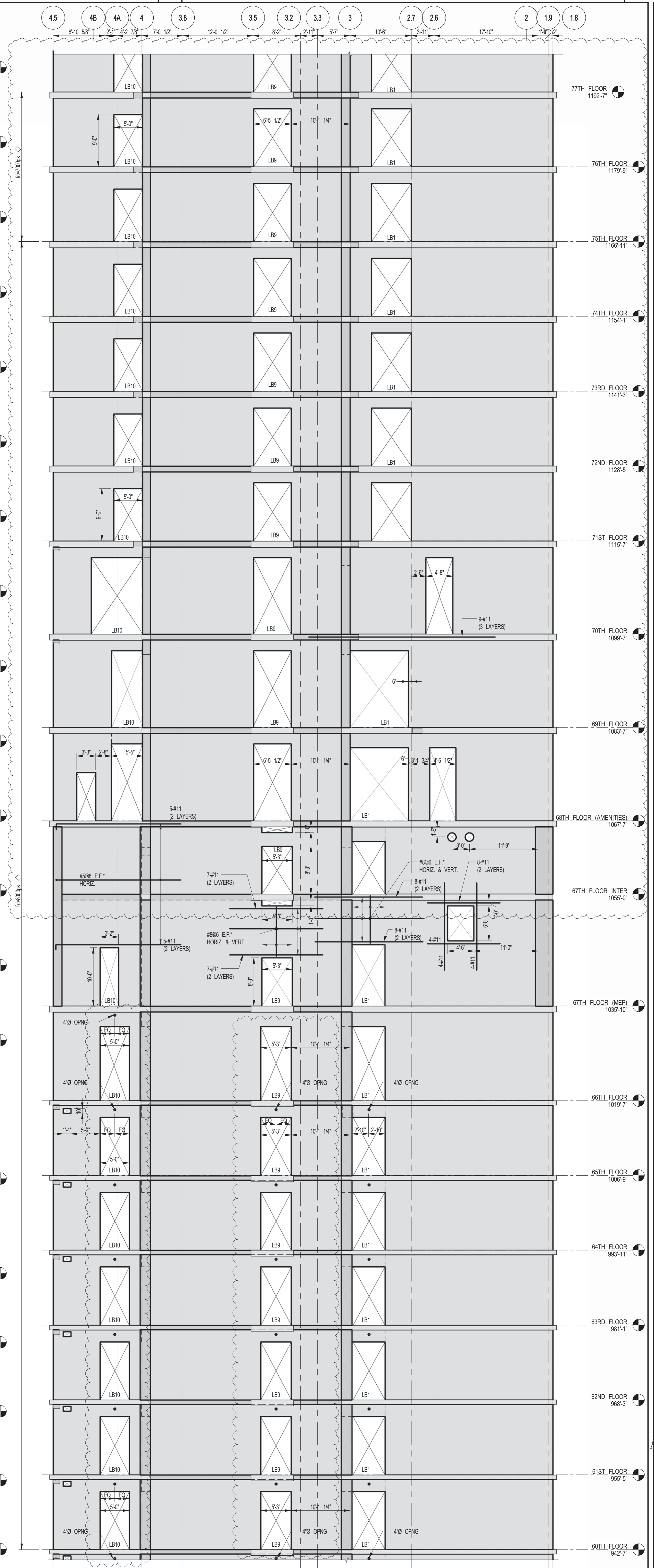
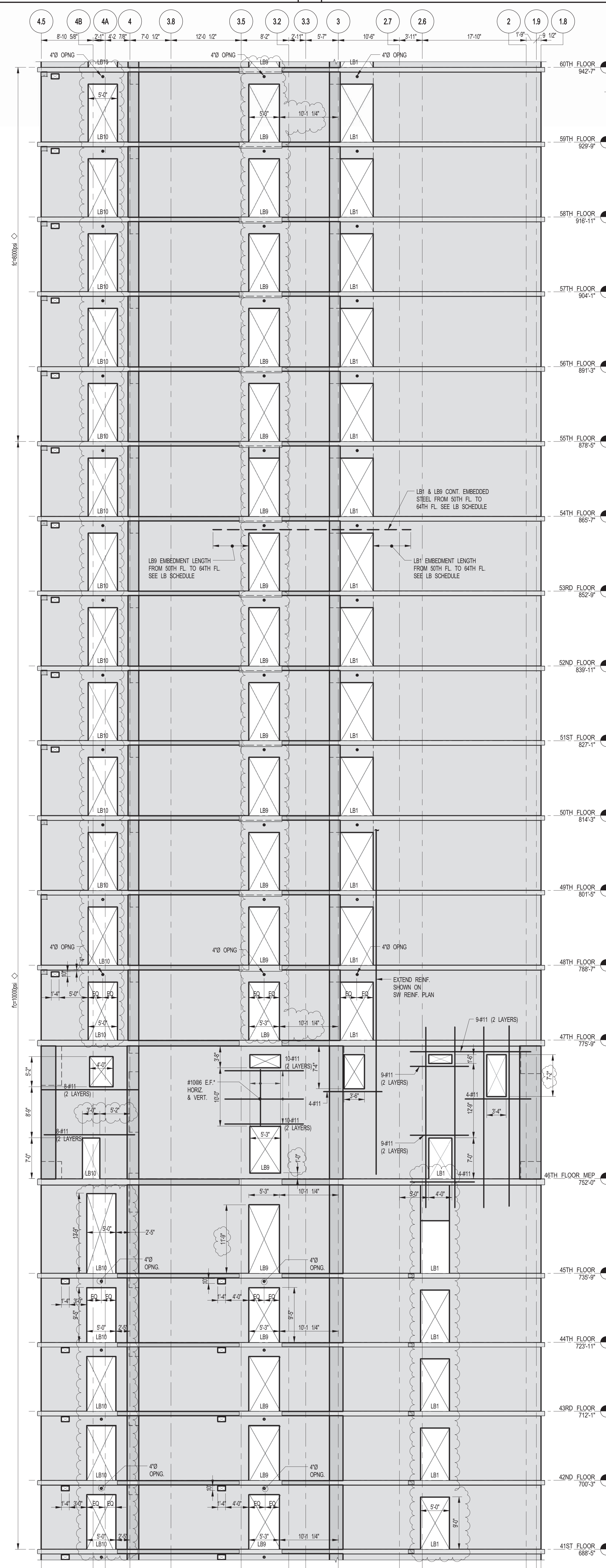
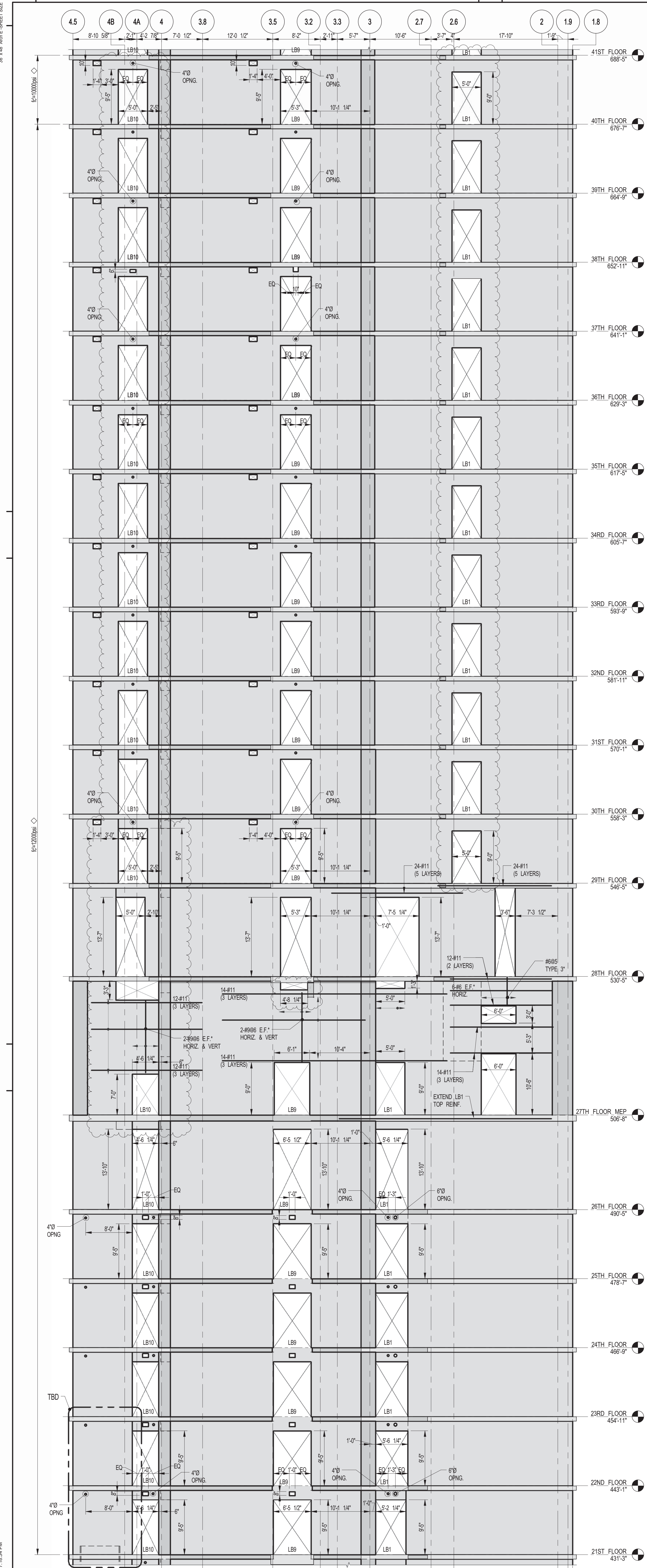
CONSULTANT:
WSP
 228 East 45th Street
 New York, NY 10017
 (212) 697-8885
 www.wsgroup.com/usa

PROJECT:
 217 WEST 57TH STREET
 NEW YORK, NY

DRAWING TITLE:
 SHEARWALL ELEVATIONS ALONG GRIDLINE C (1 OF 3)

SEAL & SIGNATURE:
 DATE: 10-15-2014
 PROJECT No: 2012185
 DRAWN: CADDO
 CHK: YE
 SCALE: 1/8" = 1'-0"
 DWG No: **S-459.01**
 DOB PAGE No: 120 OF 158
 DOB EMPLOYEE ID: 2012185

NOTES:
 1. FOR NOTES SEE DRAWING S-450.



KEY PLAN

PROJECT
 NORTH

DEVELOPER:
 EXTELL DEVELOPMENT COMPANY
 805 THIRD AVENUE, 7TH FLOOR
 NEW YORK, NY 10022 USA
 TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT: Base Building Shell & Core
ADRIAN SMITH + GORDON GILL ARCHITECTURE
 111 WEST MONROE STREET SUITE 2300
 CHICAGO, IL 60603
 TEL: 312 920 1888 FAX: 312 920 1775

INTERIOR DESIGNER: Residential
Rotter Architecture and Design Studio, PLLC
 288 Fifth Ave., 7th Floor
 New York, NY 10017
 TEL: 646 989 7000 FAX:

ARCHITECT OF RECORD: Base Building Shell, Core, & Residential
AAI ARCHITECTS, P.C.
 401 Westchester St., 3rd Floor
 Toronto, ON M5V 1E7 Canada
 TEL: 416 967 1500 FAX: 416 967 7150

STRUCTURAL ENGINEERS:
WSP
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 New York, NY 10017 USA
 TEL: 212 697 8885 FAX: 646 487 5501

MEP ENGINEERS:
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 1501 Broadway
 New York, NY 10036 USA
 TEL: 212 354 5656 FAX: 212 354 5668

GEOTECHNICAL ENGINEERS:
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 21 Penn Plaza - 360 West 31st Street, 8th Floor
 New York, NY 10001-2727
 TEL: 212 479 5400 FAX: 212 479 5444

CODE CONSULTANTS:
Construction Consulting Associates
 100 Church Street
 New York, NY 10007
 TEL: 212 385 6181 FAX: 212 385 1911

CURTAINWALL CONSULTANT:
AJLP Consulting
 40 Worth Street, Suite 826
 New York, NY 10013
 TEL: 212 757 6659 FAX: 646 219 8508

LANDMARK/PRESERVATION CONSULTANT:
Jan Hird Pokorny Associates, Inc.
 39 West 57th Street, 12A
 New York, NY 10019
 TEL: 212 759 6462 FAX: 212 759 6540

No.	DESCRIPTION	DATE
1	CD PROGRESS ISSUE 1	10-15-2014
2	ISSUED FOR CONSTRUCTION UP TO 7TH FLOOR ONLY	11-14-2014
3	DOB SUBMISSION	12-19-2014
4	CONSTRUCTION DOCUMENTS	03-09-2015
5	PROGRESS CD	05-08-2015
6	CD PROGRESS ISSUE 5	08-10-2015
7	DOB AMENDMENT 2	09-18-2015

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CONSULTANT:
WSP
 228 East 45th Street
 New York, NY 10017
 (212) 697-8885
 www.wsgroup.com/usa

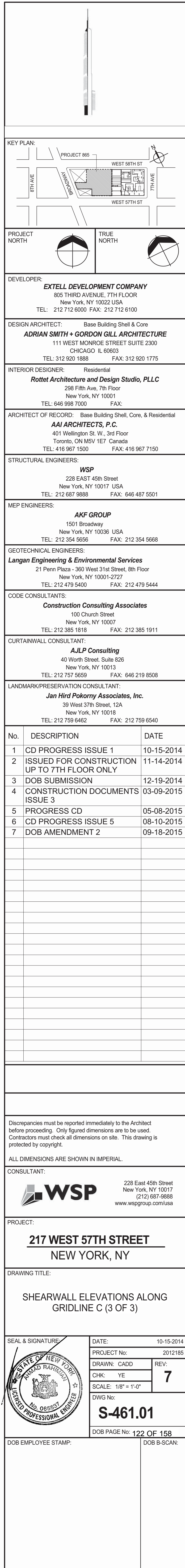
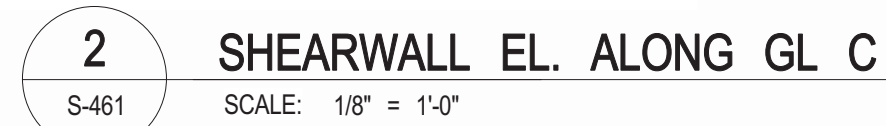
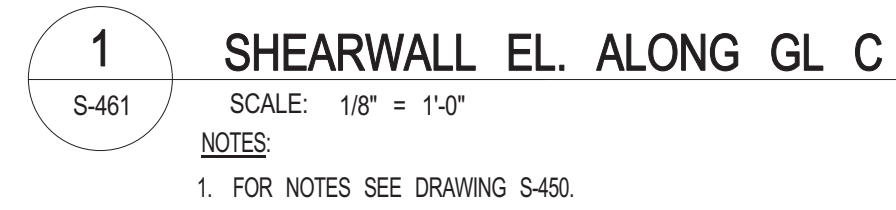
PROJECT:
 217 WEST 57TH STREET
 NEW YORK, NY

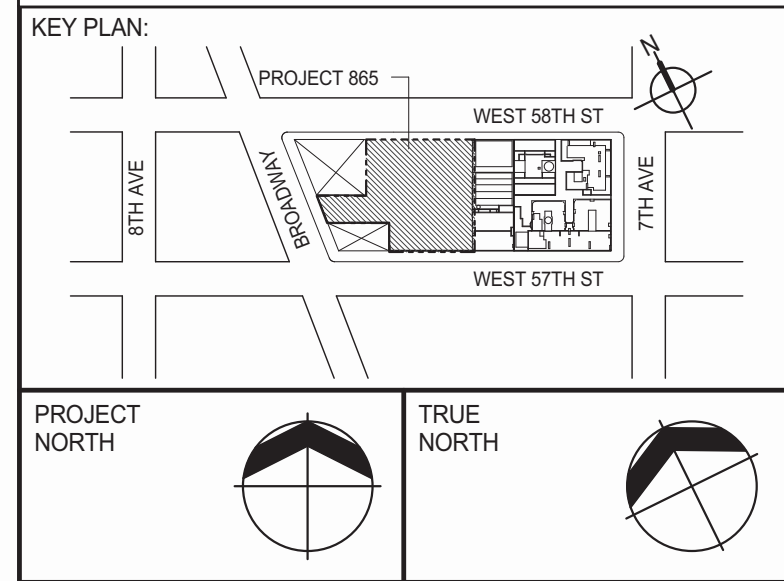
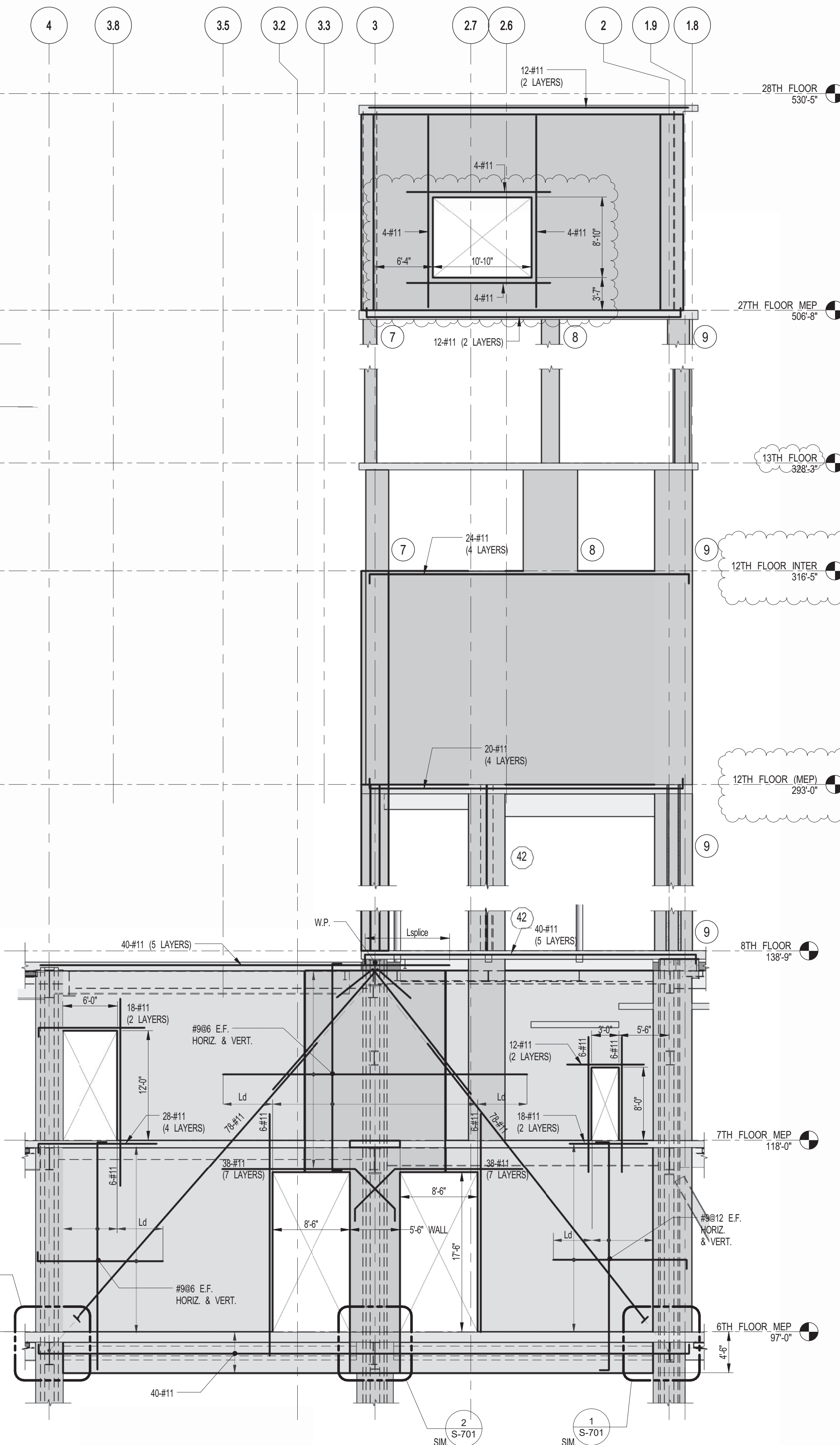
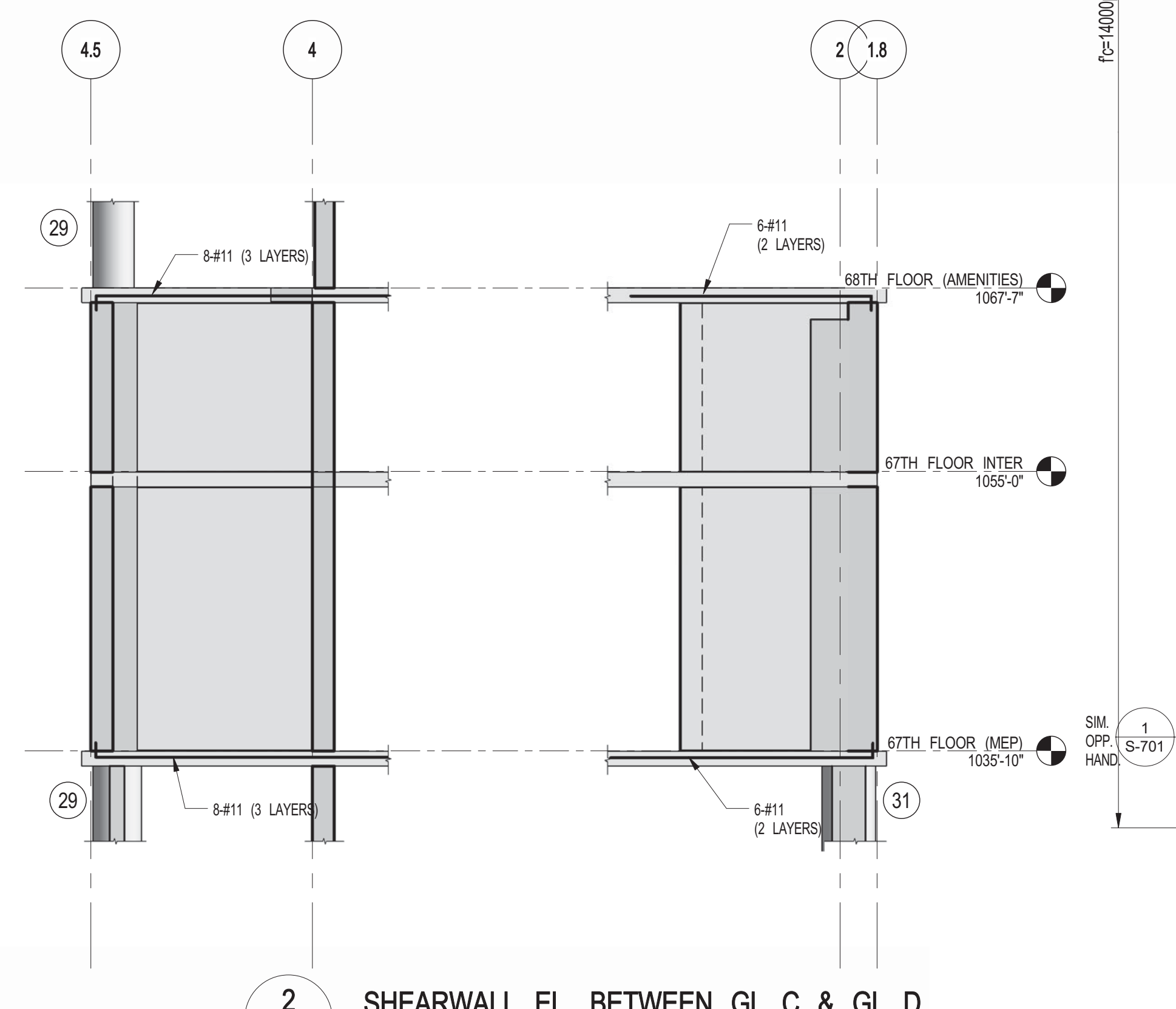
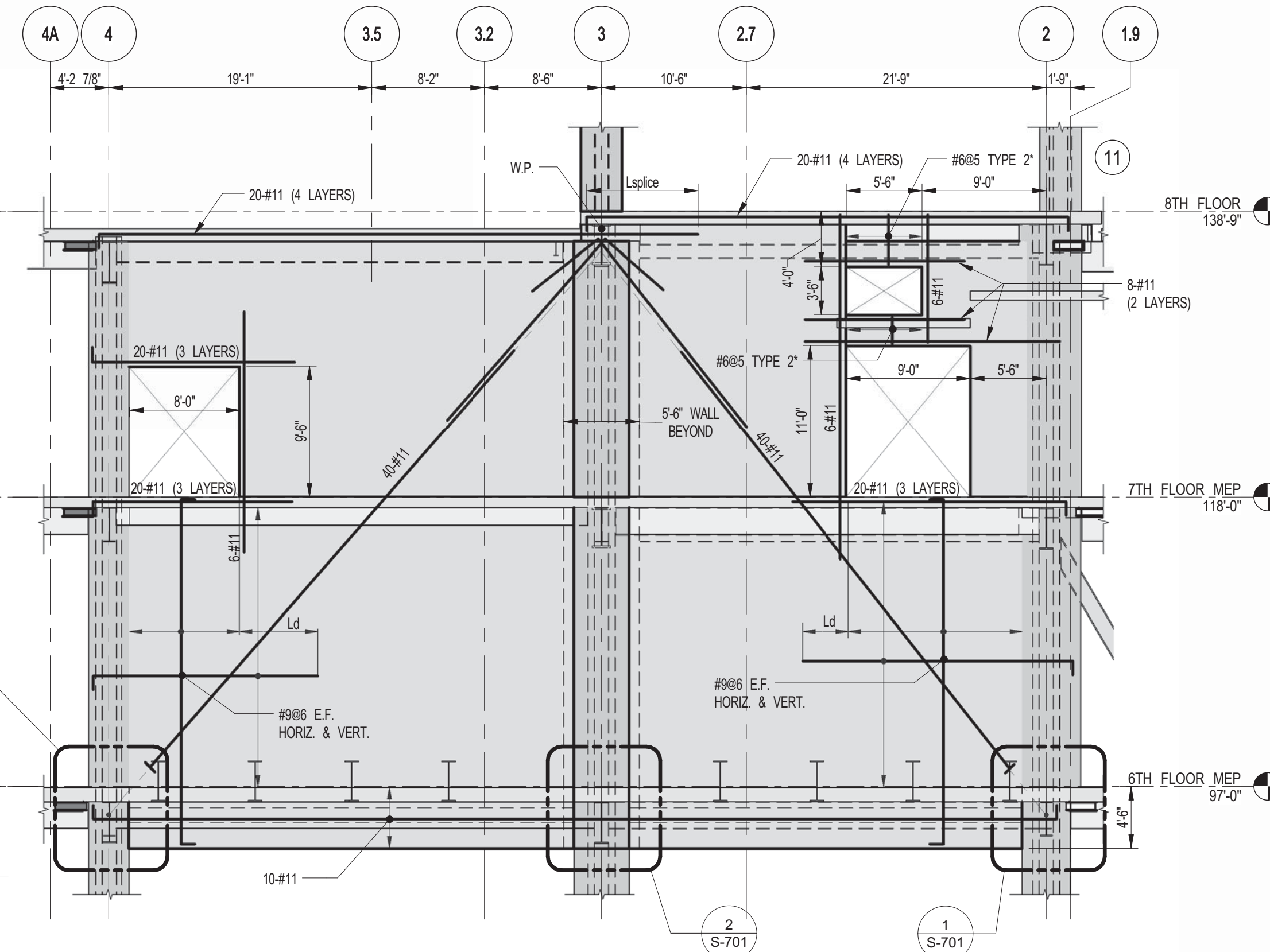
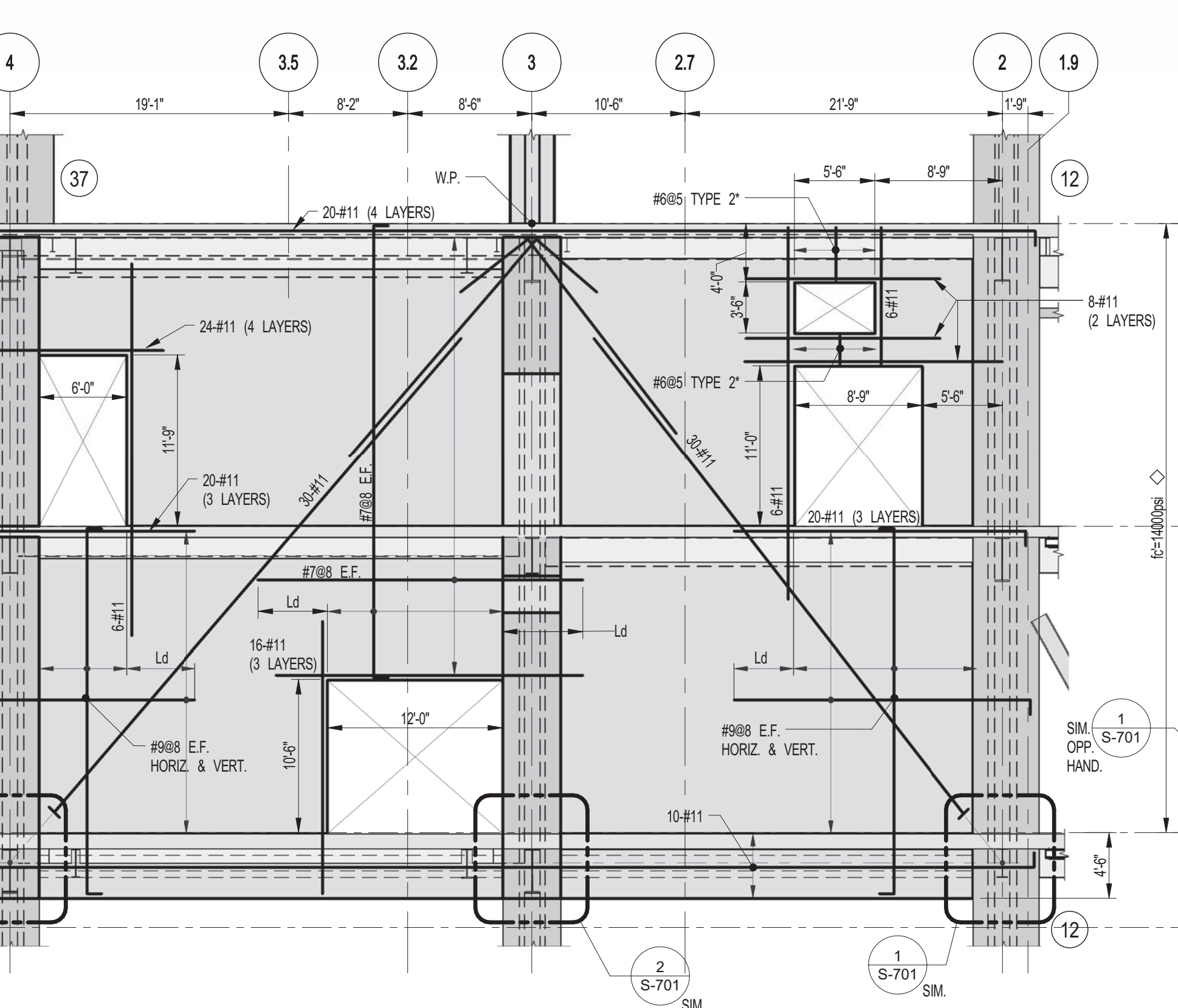
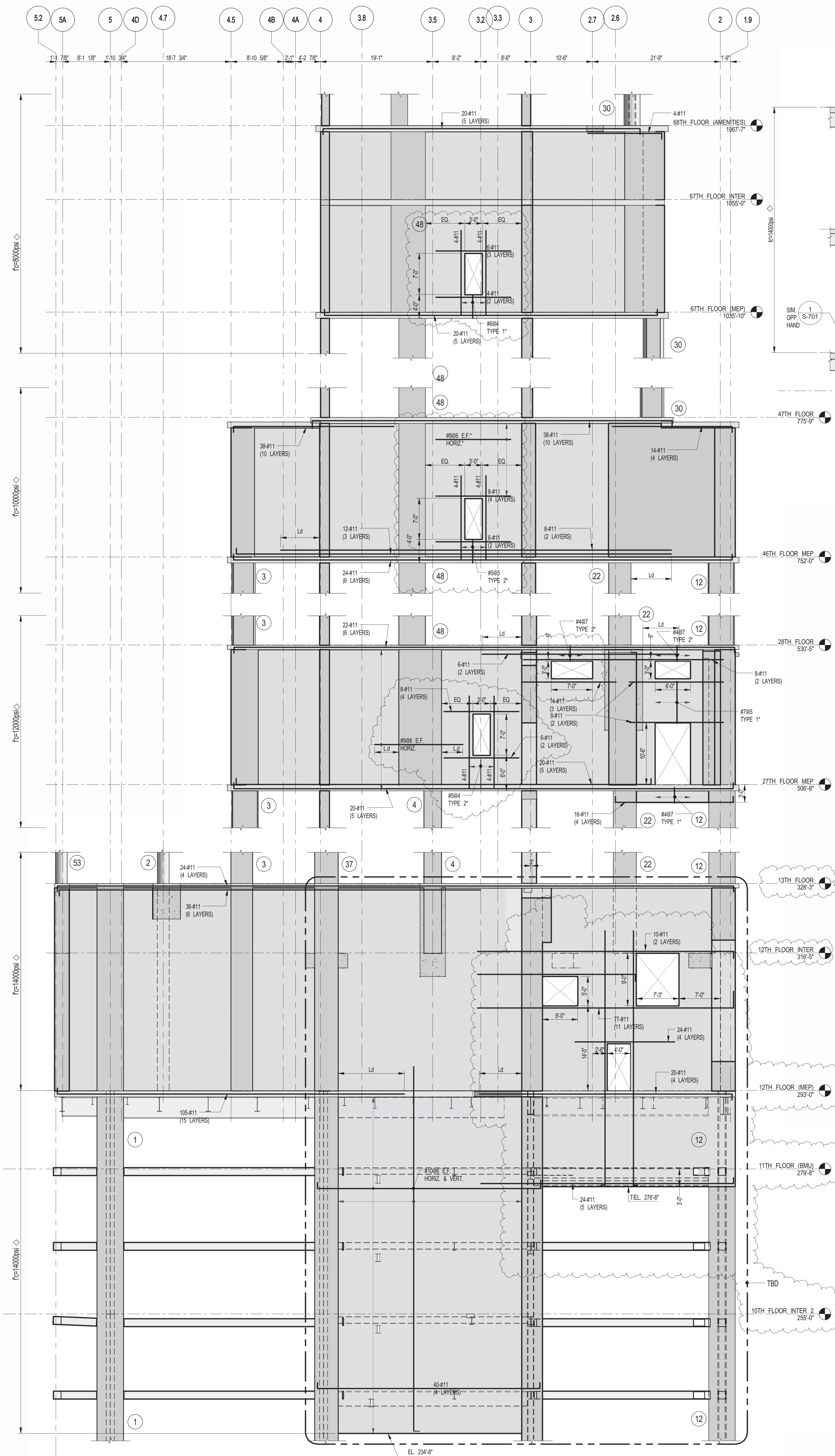
DRAWING TITLE:
 SHEARWALL ELEVATIONS ALONG GRIDLINE C (2 OF 3)

DATE:	10-15-2014
PROJECT No:	2012185
DRAWN: CAD	REV: 7
CHK: YE	
SCALE: 1/8" = 1'-0"	
DWG No:	S-460.01

DOB EMPLOYEE STAMP:
 DOB PAGE No: 121 OF 158
 DCS B-SCAN:

NOTES:
 1. FOR NOTES SEE DRAWING S-450.





DEVELOPER: **EXTELL DEVELOPMENT COMPANY**
805 THIRD AVENUE, 7TH FLOOR
NEW YORK, NY 10022 USA
TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT: **Base Building Shell & Core**
ADRIAN SMITH + GORDON GILL ARCHITECTURE
111 WEST MONROE STREET SUITE 2300
CHICAGO, IL 60603
TEL: 312 920 1888 FAX: 312 920 1775

INTERIOR DESIGNER: **Residential**
Rottet Architecture and Design Studio, PLLC
288 Fifth Ave, 7th Floor
New York, NY 10017
TEL: 646 989 7000 FAX:

ARCHITECT OF RECORD: **Base Building Shell, Core, & Residential**
AJ ARCHITECTS, P.C.
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Toronto, ON M5V 1E7 Canada
TEL: 416 967 1500 FAX: 416 967 7150

STRUCTURAL ENGINEER: **WSP**
228 East 45th Street
New York, NY 10017 USA
TEL: 212 697 8885 FAX: 646 487 5501

MEP ENGINEERS: **AKF GROUP**
1501 Broadway
New York, NY 10036 USA
TEL: 212 354 5656 FAX: 212 354 5668

GEOTECHNICAL ENGINEERS: **Langan Engineering & Environmental Services**
21 Penn Plaza - 360 West 51st Street, 8th Floor
New York, NY 10019-2727
TEL: 212 479 5400 FAX: 212 479 5444

CODE CONSULTANTS: **Construction Consulting Associates**
100 Church Street
New York, NY 10007
TEL: 212 385 6181 FAX: 212 385 1911

CURTAINWALL CONSULTANT: **AJLP Consulting**
40 Worth Street, Suite 826
New York, NY 10013
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LANDMARK/PRESERVATION CONSULTANT: **Jan Hird Pokorny Associates, Inc.**
39 West 37th Street, 12A
New York, NY 10018
TEL: 212 759 6452 FAX: 212 759 6540

No.	DESCRIPTION	DATE
1	CD PROGRESS ISSUE 1	10-15-2014
2	ISSUED FOR CONSTRUCTION UP TO 7TH FLOOR ONLY	11-14-2014
3	DOB SUBMISSION	12-19-2014
4	CONSTRUCTION DOCUMENTS ISSUE 3	03-09-2015
5	PROGRESS CD	05-08-2015
6	DOB SUBMISSION	05-19-2015
7	CONSTRUCTION DOCUMENTS ISSUE 4	06-01-2015
8	CD PROGRESS ISSUE 5	08-10-2015
9	DOB AMENDMENT 2	09-18-2015

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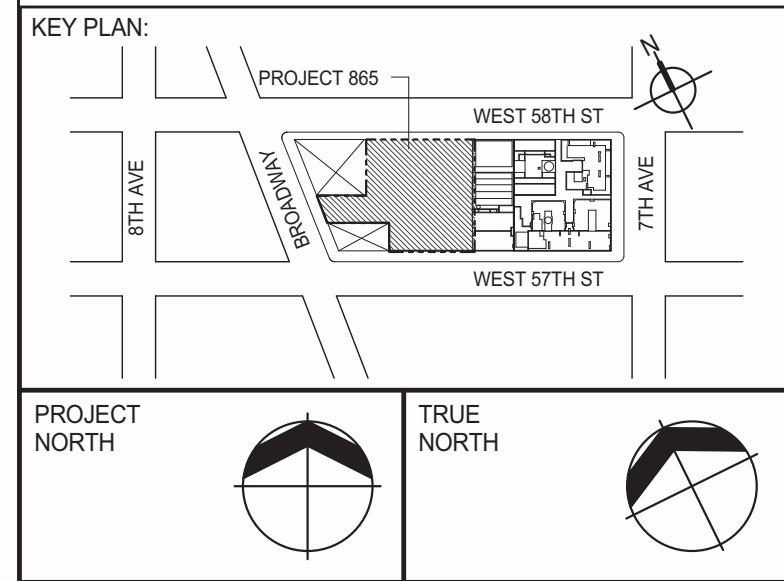
CONSULTANT: **WSP**
228 East 45th Street
New York, NY 10017
(212) 697-8885
www.wsgroup.com/usa

PROJECT: **217 WEST 57TH STREET**
NEW YORK, NY

DRAWING TITLE: **SHEARWALL ELEVATIONS ALONG GRIDLINES D, E & F**

SEAL & SIGNATURE: **WSP**
DATE: 10-15-2014
PROJECT No: 2012185
DRAWN: CADDO
CHK: YE
SCALE: 1/8" = 1'-0"
DWG No: **S-462.01**

DOB PAGE No: 123 OF 158
DOB EMPLOYEE STAMP: **WSP**
DOB 5-SCAN:



DEVELOPER: **EXTELL DEVELOPMENT COMPANY**
 805 THIRD AVENUE, 7TH FLOOR
 NEW YORK, NY 10022 USA
 TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT: **Base Building Shell & Core**
ADRIAN SMITH + GORDON GILL ARCHITECTURE
 111 WEST MONROE STREET SUITE 2300
 CHICAGO, IL 60603
 TEL: 312 920 1888 FAX: 312 920 1775

INTERIOR DESIGNER: **Residential**
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 208 Fifth Ave, 7th Floor
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ARCHITECT OF RECORD: **Base Building Shell, Core, & Residential**
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MEP ENGINEERS: **AKF GROUP**
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 TEL: 212 354 5656 FAX: 212 354 5668

GEOTECHNICAL ENGINEERS: **Langan Engineering & Environmental Services**
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 New York, NY 10001-2722
 TEL: 212 479 5400 FAX: 212 479 5444

CODE CONSULTANTS: **Construction Consulting Associates**
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CURTAINWALL CONSULTANT: **AJLP Consulting**
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LANDMARK/PRESERVATION CONSULTANT: **Jan Hird Pokorny Associates, Inc.**
 39 West 37th Street, 12A
 New York, NY 10018
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No.	DESCRIPTION	DATE
1	CD PROGRESS ISSUE 1	10-15-2014
2	ISSUED FOR CONSTRUCTION UP TO GROUND FLOOR ONLY	10-17-2014
3	ISSUED FOR CONSTRUCTION UP TO 5TH FLOOR ONLY	11-07-2014
4	ISSUED FOR CONSTRUCTION UP TO 7TH FLOOR ONLY	11-14-2014
5	DOB SUBMISSION	12-19-2014
6	DOB SUBMISSION	02-05-2015
7	CD UPDATE ISSUE	02-10-2015
8	CONSTRUCTION DOCUMENTS ISSUE 3	03-09-2015
9	PROGRESS CD	05-08-2015
10	DOB SUBMISSION	05-19-2015
11	CONSTRUCTION DOCUMENTS ISSUE 4	06-01-2015
12	CD PROGRESS ISSUE 5	08-10-2015
13	DOB AMENDMENT 2	09-18-2015

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CONSULTANT: **WSP**
 228 East 45th Street
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 www.wspgroup.com/usa

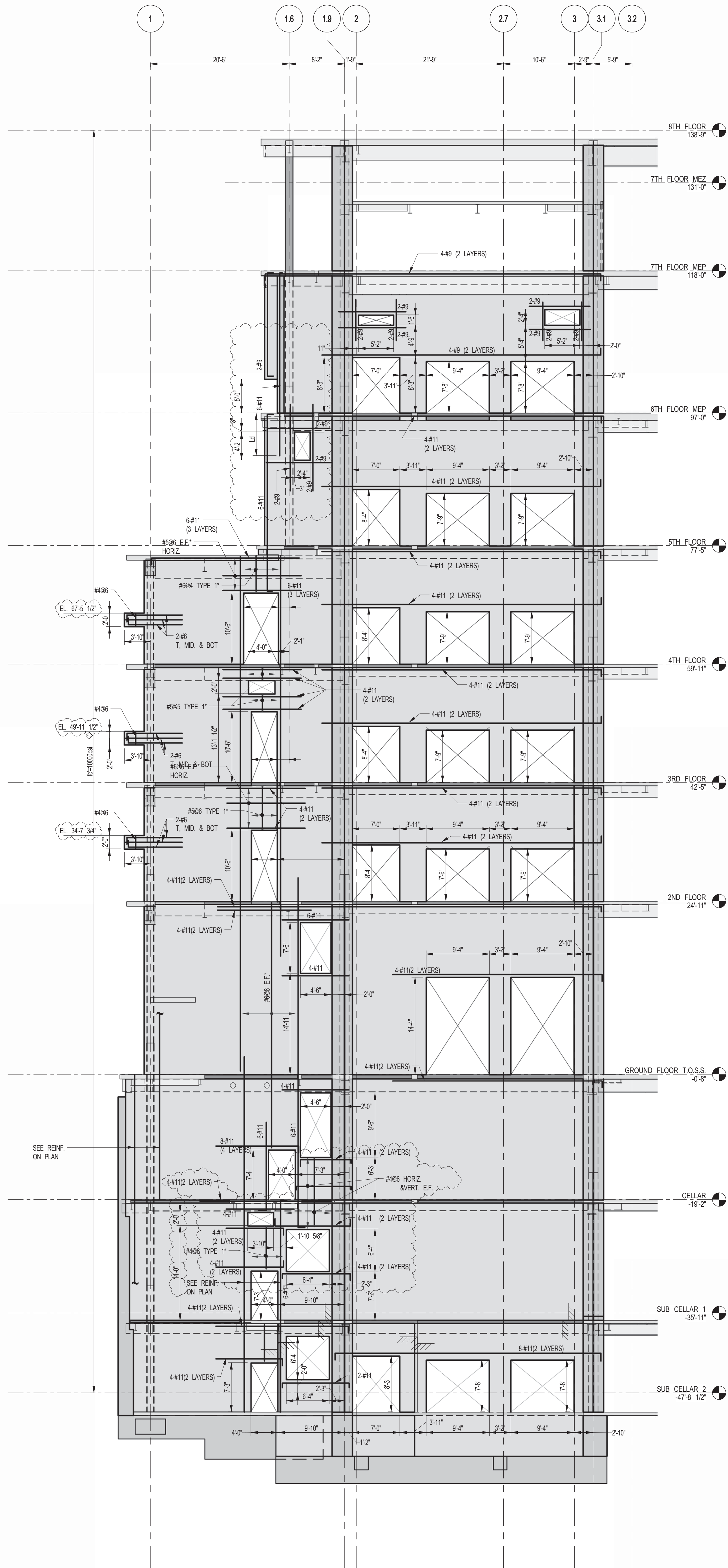
PROJECT: **217 WEST 57TH STREET**
 NEW YORK, NY

DRAWING TITLE: **SHEARWALL ELEVATIONS ALONG GRIDLINES G & G4**

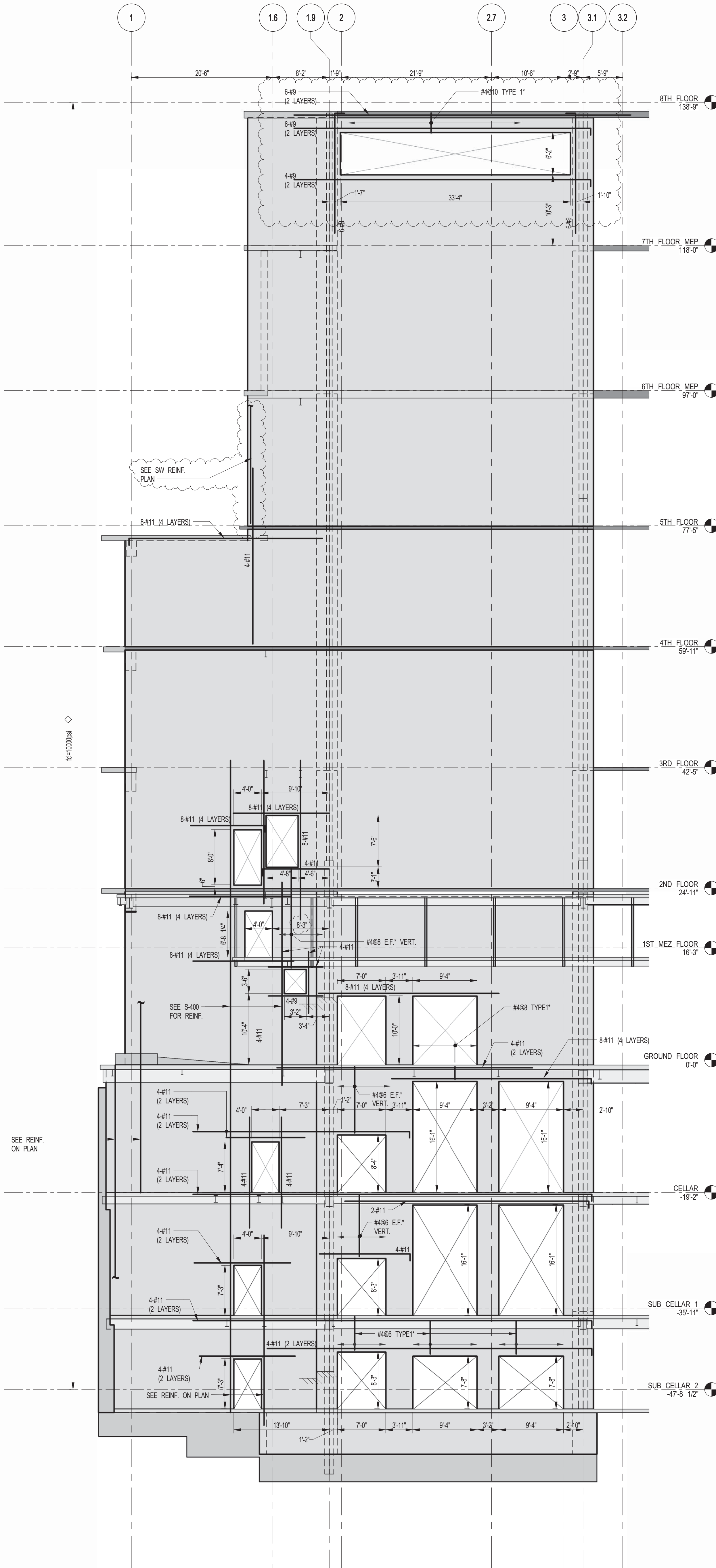
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	PROJECT No: 2012185
	DRAWN: CADDO
	CHK: YE
SCALE: 1/8" = 1'-0"	
DWG No: S-463.01	
DOB PAGE No: 124 OF 158	
DOB B-SCAN:	

DOB EMPLOYEE STAMP:

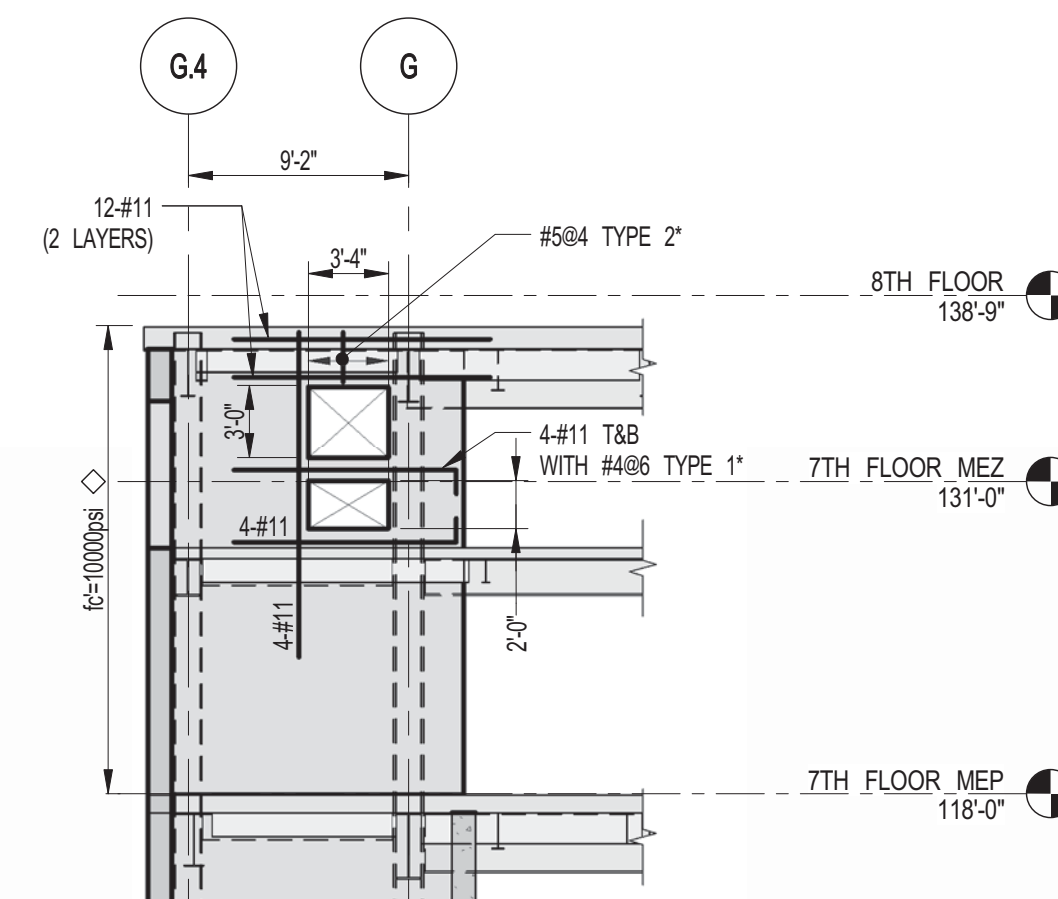
NOTES:
 1. FOR NOTES SEE DRAWING S-450.



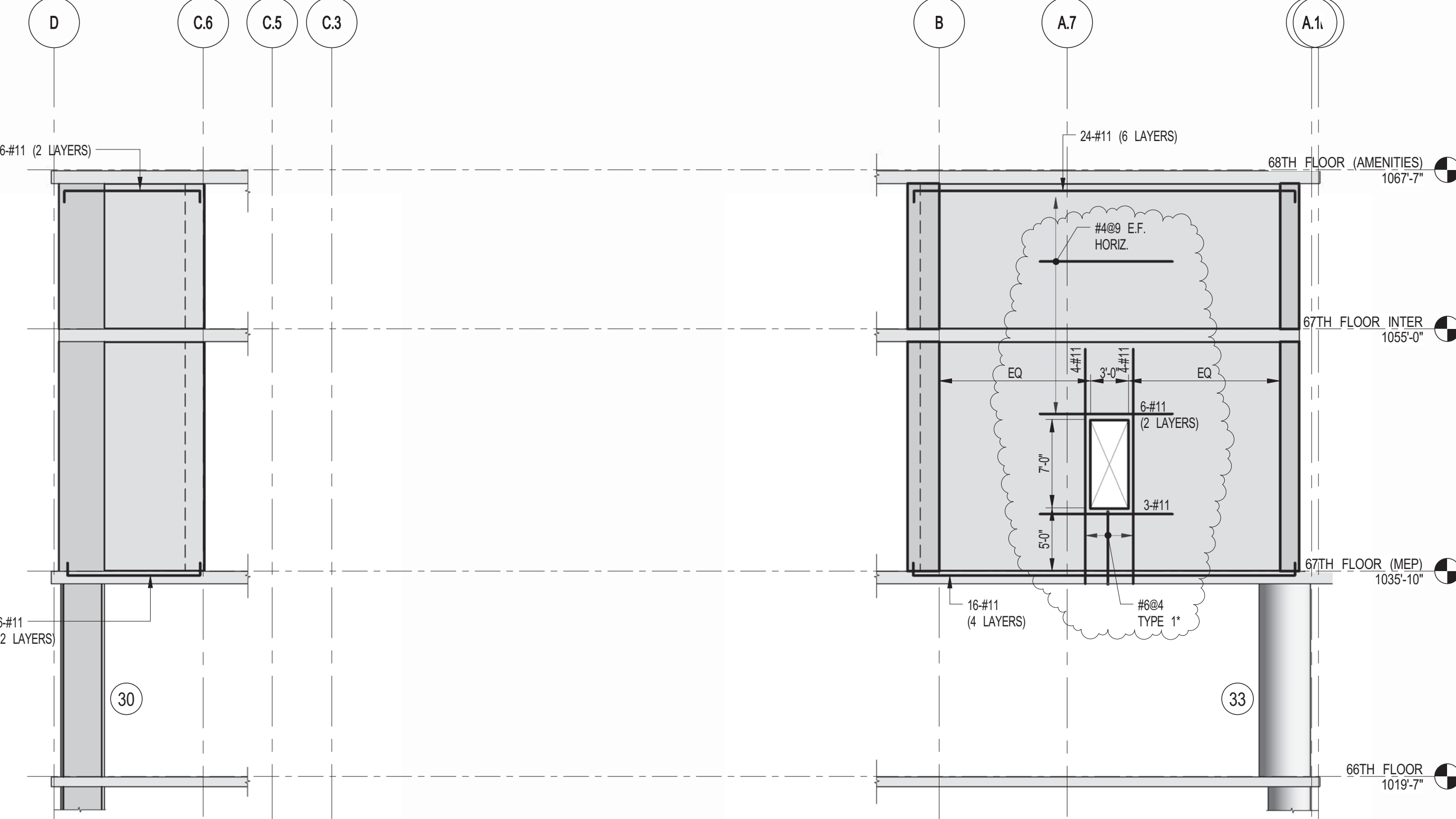
1 SHEARWALL ELEVATION ALONG GL G
 S-463 SCALE: 1/8" = 1'-0"



2 SHEARWALL ELEVATION ALONG GL G4
 S-463 SCALE: 1/8" = 1'-0"



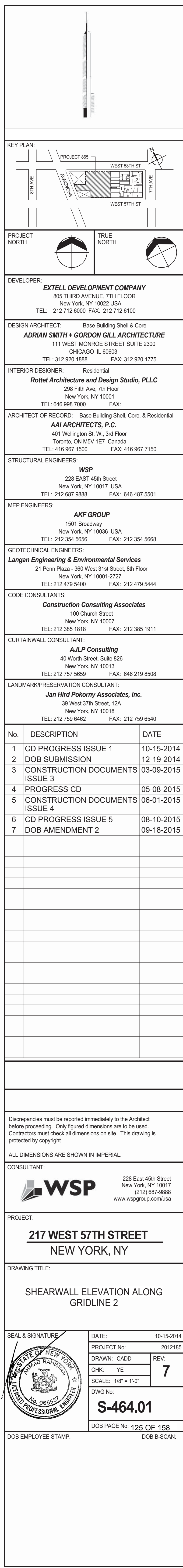
3 SHEARWALL EL. ALONG GL 2
S-464 SCALE: 1/8" = 1'-0"

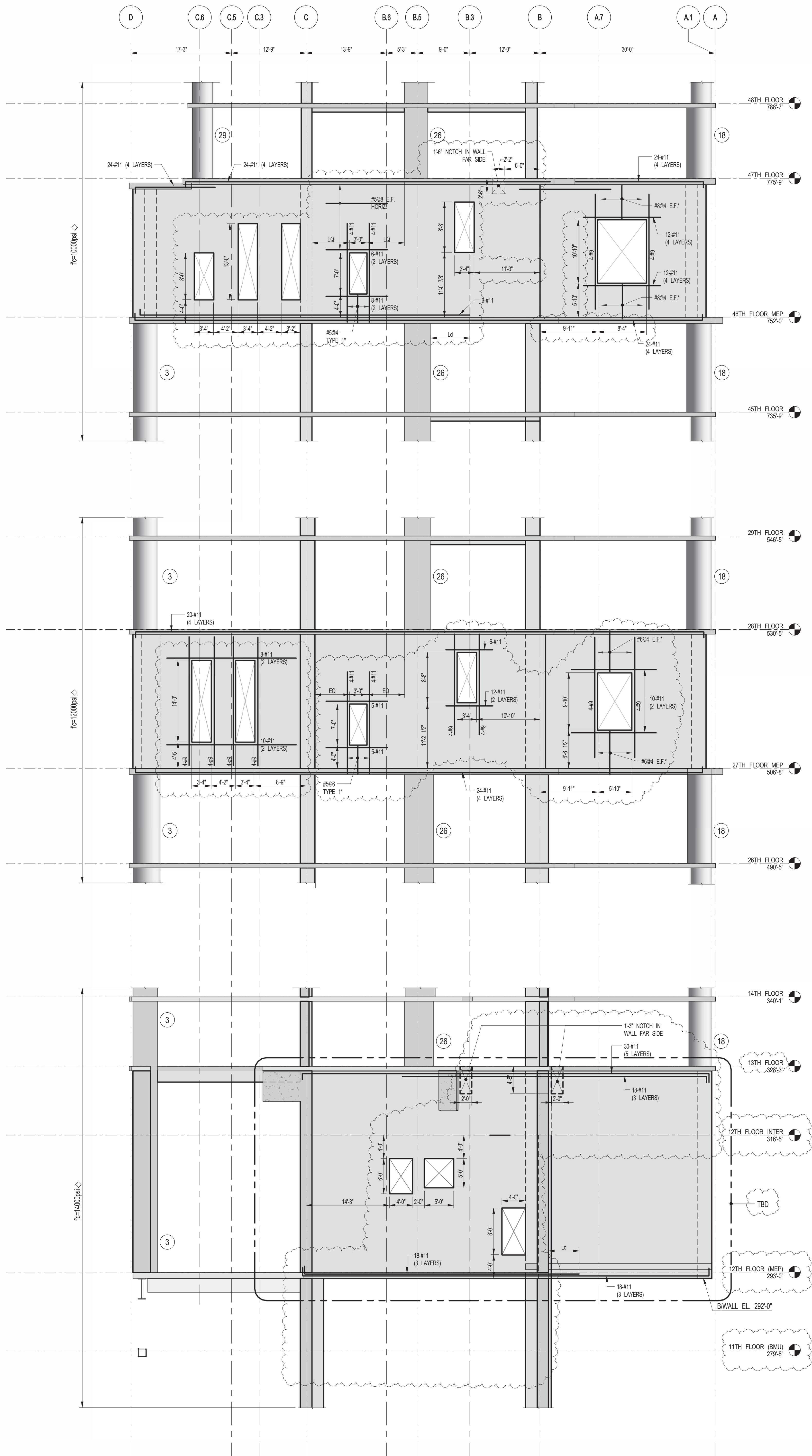


4 SHEARWALL EL.SOUTH OF GL 2
S-464 SCALE: 1/8" = 1'-0"

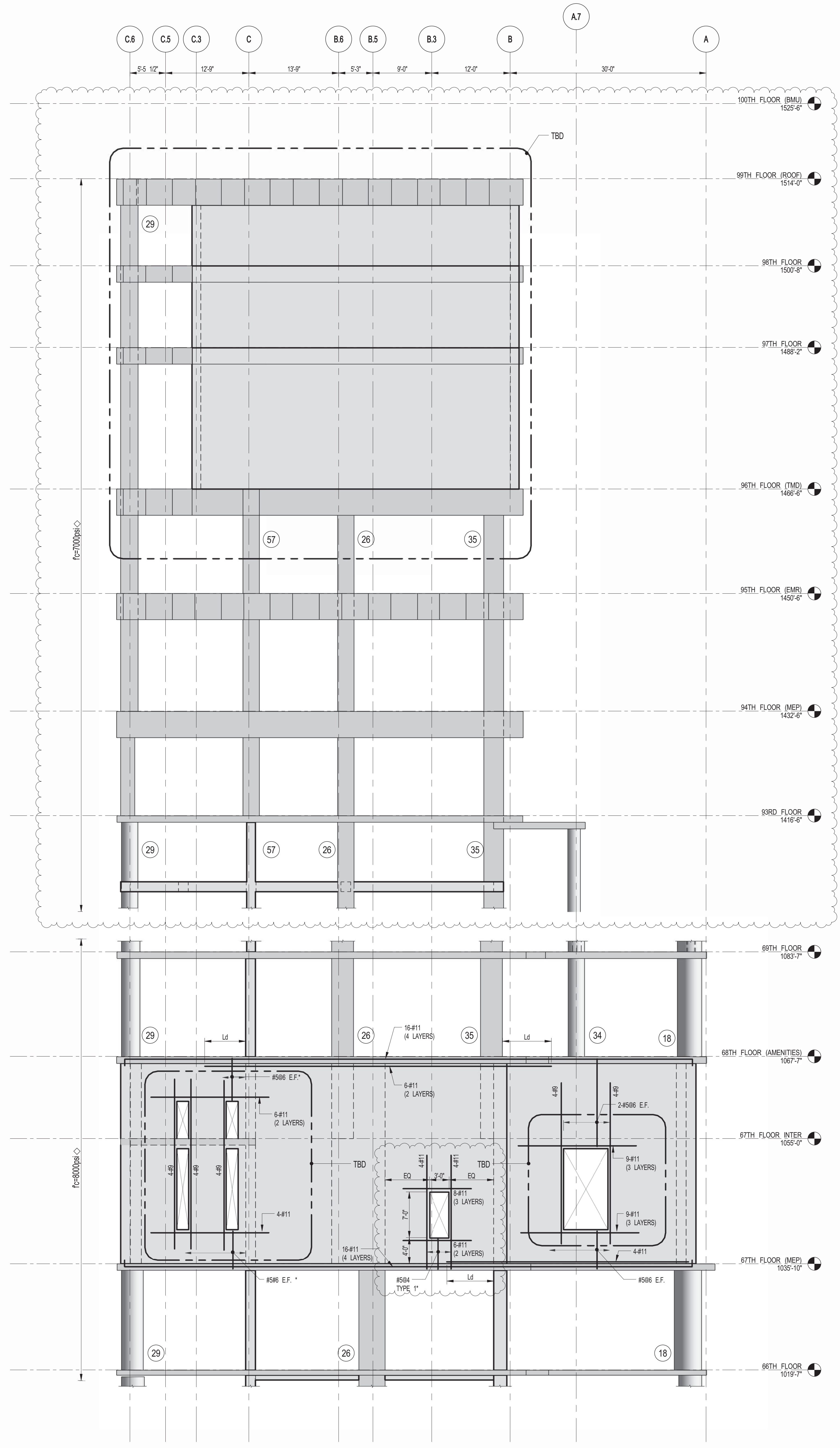
NOTES:

1. FOR NOTES SEE DRAWING S-45





1 SHEARWALL EL. ALONG GL 4.5
 S-465 SCALE: 1/8" = 1'-0"



2 SHEARWALL EL. ALONG GL 4.5
 S-465 SCALE: 1/8" = 1'-0"

NOTES:
 1. FOR NOTES SEE DRAWING S-450.

KEY PLAN

PROJECT NORTH

TRUE NORTH

DEVELOPER:
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INTERIOR DESIGNER:
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No.	DESCRIPTION	DATE
1	CD PROGRESS ISSUE 1	10-15-2014
2	DOB SUBMISSION	12-19-2014
3	CONSTRUCTION DOCUMENTS ISSUE 3	03-09-2015
4	PROGRESS CD	05-08-2015
5	CONSTRUCTION DOCUMENTS ISSUE 4	06-01-2015
6	CD PROGRESS ISSUE 5	08-10-2015
7	DOB AMENDMENT 2	09-18-2015

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PROJECT:
217 WEST 57TH STREET
 NEW YORK, NY

DRAWING TITLE:
SHEARWALL ELEVATION ALONG GRIDLINE 4.5

SEAL & SIGNATURE

DATE: 10-15-2014

PROJECT No: 2012185

DRAWN: CADDO

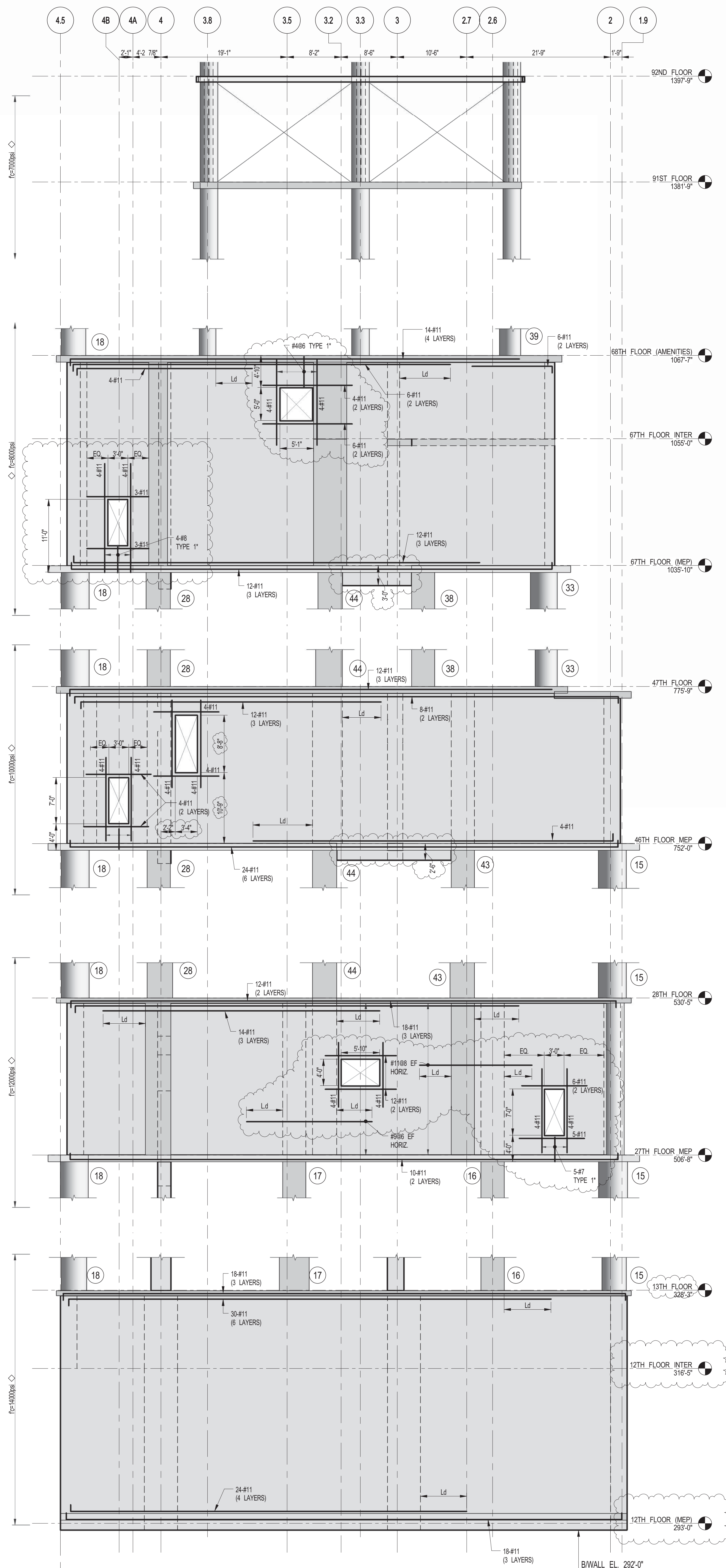
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SCALE: 1/8" = 1'-0"

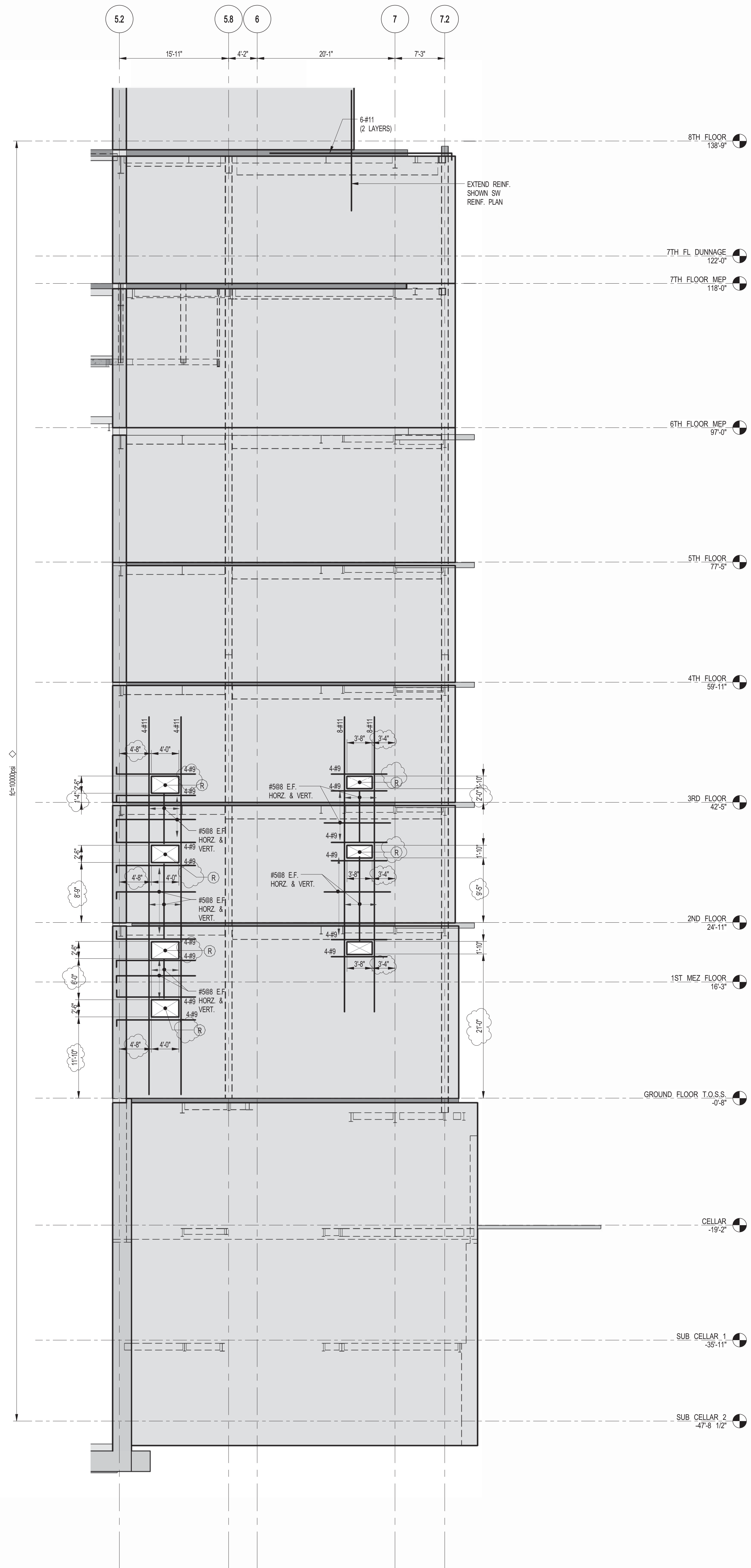
DWG No: **S-465.01**

DOB PAGE No: 126 OF 158

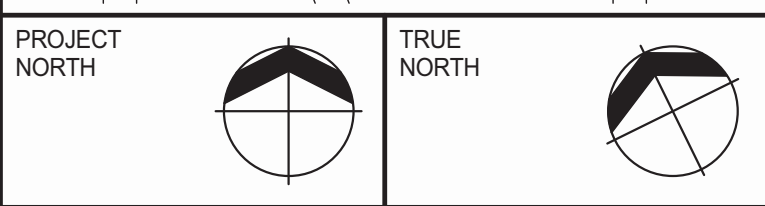
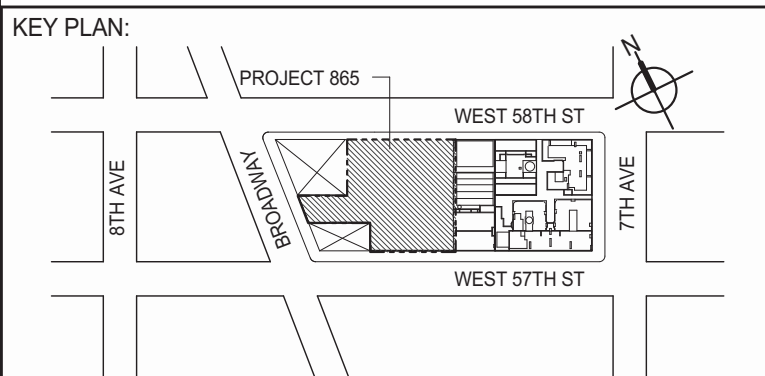
DOB B-SCAN:



1 SHEARWALL EL. ALONG GL A
S-466 SCALE: 1/8" = 1'-0"



2 SHEARWALL EL. ALONG GL F.5
S-466 SCALE: 1/8" = 1'-0"



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TEL: 212 479 5400 FAX: 212 479 5444

CODE CONSULTANTS: **Construction Consulting Associates**
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CURTAINWALL CONSULTANT: **AJLP Consulting**
40 Worth Street, Suite 826
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TEL: 212 757 5559 FAX: 646 219 8508

LANDMARK/PRESERVATION CONSULTANT: **Jan Hird Pokorny Associates, Inc.**
39 West 37th Street, 12A
New York, NY 10018
TEL: 212 759 6452 FAX: 212 759 6540

No.	DESCRIPTION	DATE
1	CD PROGRESS ISSUE 1	10-15-2014
2	ISSUED FOR CONSTRUCTION UP TO 5TH FLOOR ONLY	11-07-2014
3	ISSUED FOR CONSTRUCTION UP TO 7TH FLOOR ONLY	11-14-2014
4	DOB SUBMISSION	12-19-2014
5	DOB SUBMISSION	02-05-2015
6	CD UPDATE ISSUE	02-10-2015
7	CONSTRUCTION DOCUMENTS ISSUE 3	03-09-2015
8	PROGRESS CD	05-08-2015
9	CONSTRUCTION DOCUMENTS ISSUE 4	06-01-2015
10	CD PROGRESS ISSUE 5	08-10-2015
11	DOB AMENDMENT 2	09-18-2015

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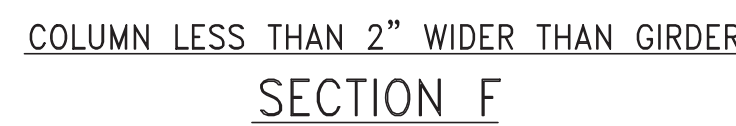
CONSULTANT: **WSP**
228 East 45th Street
New York, NY 10017
(212) 687-8885
www.wsgroup.com/usa

PROJECT: **217 WEST 57TH STREET
NEW YORK, NY**

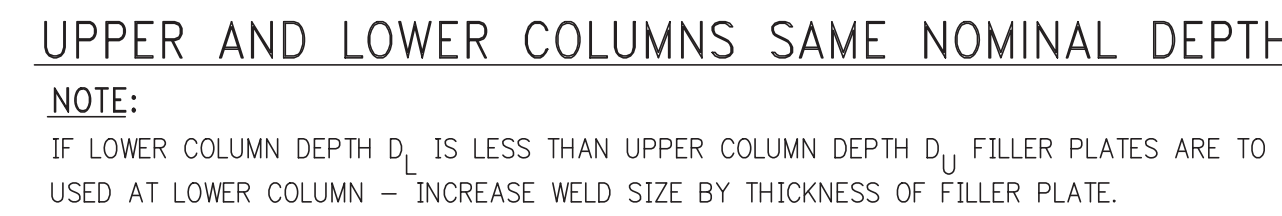
DRAWING TITLE: **SHEARWALL ELEVATIONS ALONG
GRIDLINE A & F.5**

SEAL & SIGNATURE: **WSP**
PROJECT No: 2012185
DATE: 10-15-2014
DRAWN: CADOD
CHK: YE
SCALE: 1/8" = 1'-0"
DWG No: **S-466.01**

DOB PAGE No: 127 OF 158
DOB EMPLOYEE STAMP: DOB B-S-CAN:



ALTERNATIVE GIRDER STIFFENER DETAILS (D, E, & F) WHEN
COLUMN FLANGE IS WIDER THAN PICKUP GIRDER



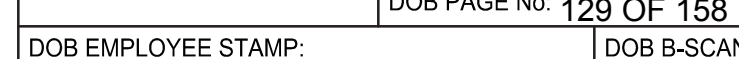
1. INTERFACE OF UPPER AND LOWER COLUMNS SHALL DEVELOP FULL CAPACITY OF SMALLER COLUMN IN BEARING.
2. FILLER PLATES TO BE SAME GRADE OF STEEL (F_y) AS COLUMNS.
3. FULL STRENGTH SHALL BE MAINTAINED AT THE TOP OF THE SMALLER COLUMN FLANGE CAPACITY LOST DUE TO NON-ALIGNMENT OF FLANGES WHERE COLUMNS ARE NOT CENTERED OR OF DIFFERENT NOMINAL DEPTH.
4. SHOP DRAWINGS SHALL REQUIRE THAT CENTER PUNCH MARKS BE PLACED ON CENTER LINE OF ALL ALIGNED COLUMNS.
5. CONTRACTOR MAY SUBMIT A PROPOSAL TO PROVIDE ALL WELDED COLUMN FLANGE – BUTT SPICES OR DIRECTLY WELDED FLANGE SPICES, FOR THE ENGINEER'S REVIEW AND APPROVAL.
6. CONTRACTOR MAY SUBMIT A PROPOSAL TO PROVIDE A BUTT PLATE IN LIEU OF BEARING FILLER PLATES. BUTT PLATE SHALL BE DEPTH D₁ NOMINALLY TWO INCHES LESS THAN DEPTH D₂ FOR THE ENGINEER'S REVIEW AND APPROVAL.



3	STEEL BID PACKAGE	05-22-2014
4	DESIGN DEVELOPMENT	07-01-2014
5	ISSUED FOR DESIGN DEVELOPMENT	07-31-2014
6	STRUCTURAL STEEL BID	09-15-2014
7	CD PROGRESS ISSUE 1	10-15-2014
8	ISSUED FOR CONSTRUCTION UP TO 5TH FL ONLY	11-07-2014
9	DOB SUBMISSION	12-19-2014
10	DOB SUBMISSION	02-05-2015
11	DOB AMENDMENT 2	09-18-2015

No.	DESCRIPTION	DATE
1	SCHEMATIC DESIGN	03-31-2014
2	ISSUED FOR SCHEMATIC DESIGN	04-04-2014
3	STEEL BID PACKAGE	05-22-2014
4	DESIGN DEVELOPMENT	07-01-2014
5	ISSUED FOR DESIGN DEVELOPMENT	07-31-2014
6	STRUCTURAL STEEL BID	09-15-2014
7	CD PROGRESS ISSUE 1	10-15-2014
8	ISSUED FOR CONSTRUCTION UP TO 5TH FL ONLY	11-07-2014
9	DOB SUBMISSION	12-19-2014
10	DOB SUBMISSION	02-05-2015
11	DOB AMENDMENT 2	09-18-2015

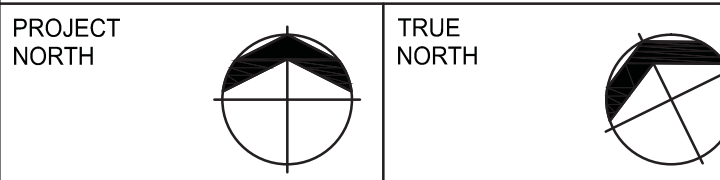
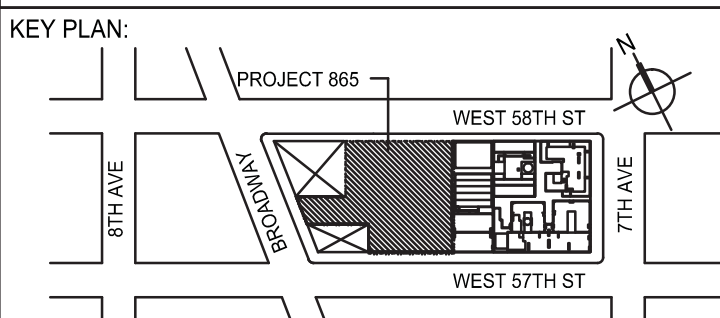
SEAL & SIGNATURE: _____	DATE: 03-31
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C O L U M N S C H E D U L E

NOTES:

1. FOR BALANCE OF INFORMATION SEE DRAWING S-510.



DEVELOPER: **EXTELL DEVELOPMENT COMPANY**
805 THIRD AVENUE, 7TH FLOOR
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ADRIAN SMITH + GORDON GILL ARCHITECTURE
111 WEST MONROE STREET SUITE 2300
CHICAGO IL 60603
TEL: 312 920 1888 FAX: 312 920 1775

INTERIOR DESIGNER: Residential
Rottet Architecture and Design Studio, PLLC
298 Fifth Ave, 7th Floor
New York, NY 10001
TEL: 646 998 7000 FAX:

ARCHITECT OF RECORD: Base Building Shell, Core, & Residential
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New York, NY 10018
TEL: 212 759 6462 FAX: 212 759 6540

No.	DESCRIPTION	DATE
1	SUPERSTRUCTURE CONCRETE BID	06-02-2014
2	DESIGN DEVELOPMENT	07-01-2014
3	ISSUED FOR DESIGN DEVELOPMENT	07-31-2014
4	CD PROGRESS ISSUE 1	10-15-2014
5	DOB SUBMISSION	12-19-2014
6	CD UPDATE ISSUE	02-10-2015
7	CONSTRUCTION DOCUMENTS ISSUE 3	03-09-2015
8	PROGRESS CD	05-08-2015
9	CONSTRUCTION DOCUMENTS ISSUE 4	06-01-2015
10	DOB AMENDMENT 2	09-18-2015

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CONSULTANT



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PROJECT

217 WEST 57TH STREET
NEW YORK, NY

DRAWING TITLE

CONCRETE COLUMN SCHEDULE 2

SEAL & SIGNATURE

DATE: 06-02

PROJECT No: 2012

DRAWN: CADD	REV:
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CHK:	Y.E.	10
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SCALE: AS INDICATED

DWG No:
S-511.01

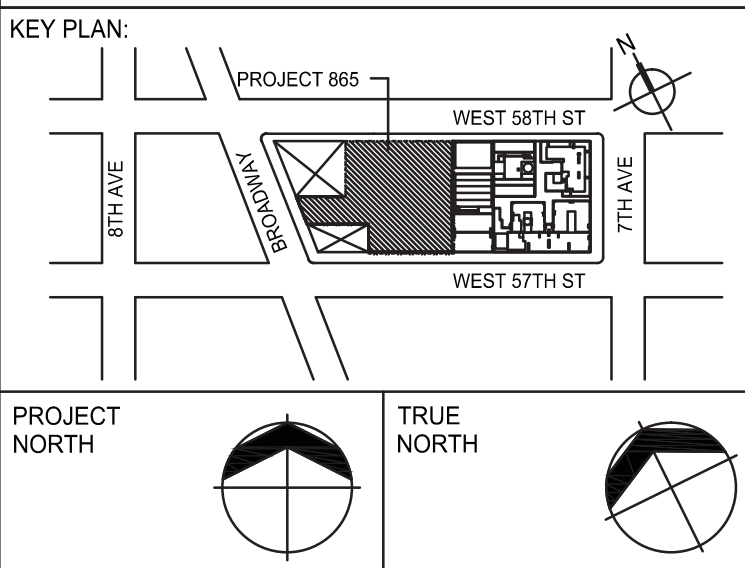
31 OF 158

C O L U M N S C H E D U L E

[illegible]

NOTES:

1. FOR BALANCE OF INFORMATION SEE DRAWING S-510.



DEVELOPE

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1	DESIGN DEVELOPMENT	07-01-2014
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3	CD PROGRESS ISSUE 1	10-15-2014
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6	CONSTRUCTION DOCUMENTS ISSUE 3	03-09-2015
7	PROGRESS CD	05-08-2015
8	CONSTRUCTION DOCUMENTS ISSUE 4	06-01-2015
9	DOB AMENDMENT 2	09-18-2015

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CONSULTANT



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PROJECT

217 WEST 57TH STREET
NEW YORK, NY

DRAWING TITLE

CONCRETE COLUMN SCHEDULE 3

SEAL & SIGNATURE ✓



DATE: 07-01-1

PROJECT No:	201218
DRAWN: CADD	REV:

CHK: Y.E.	9
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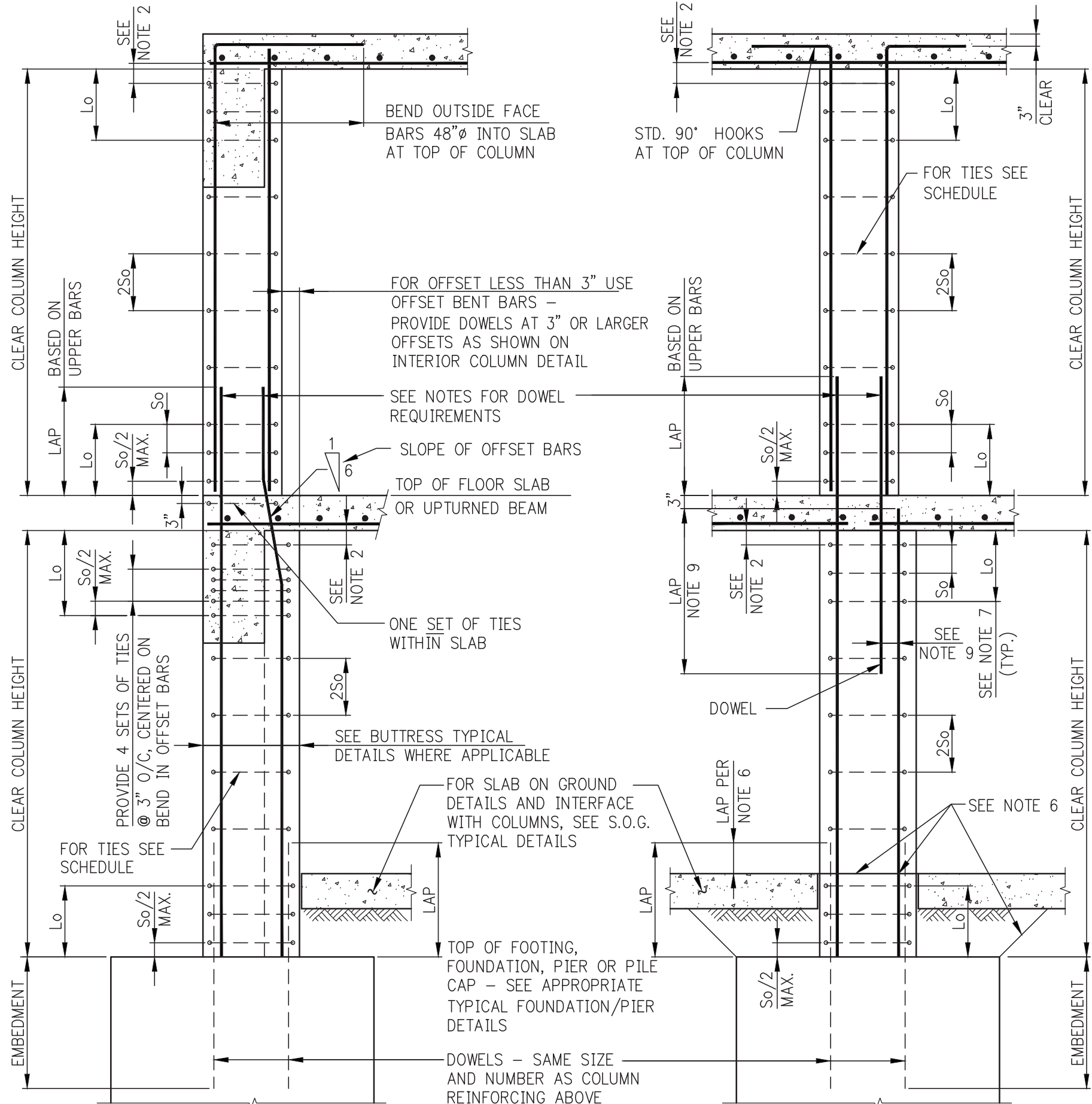
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DWG No:

051021

S-512.01

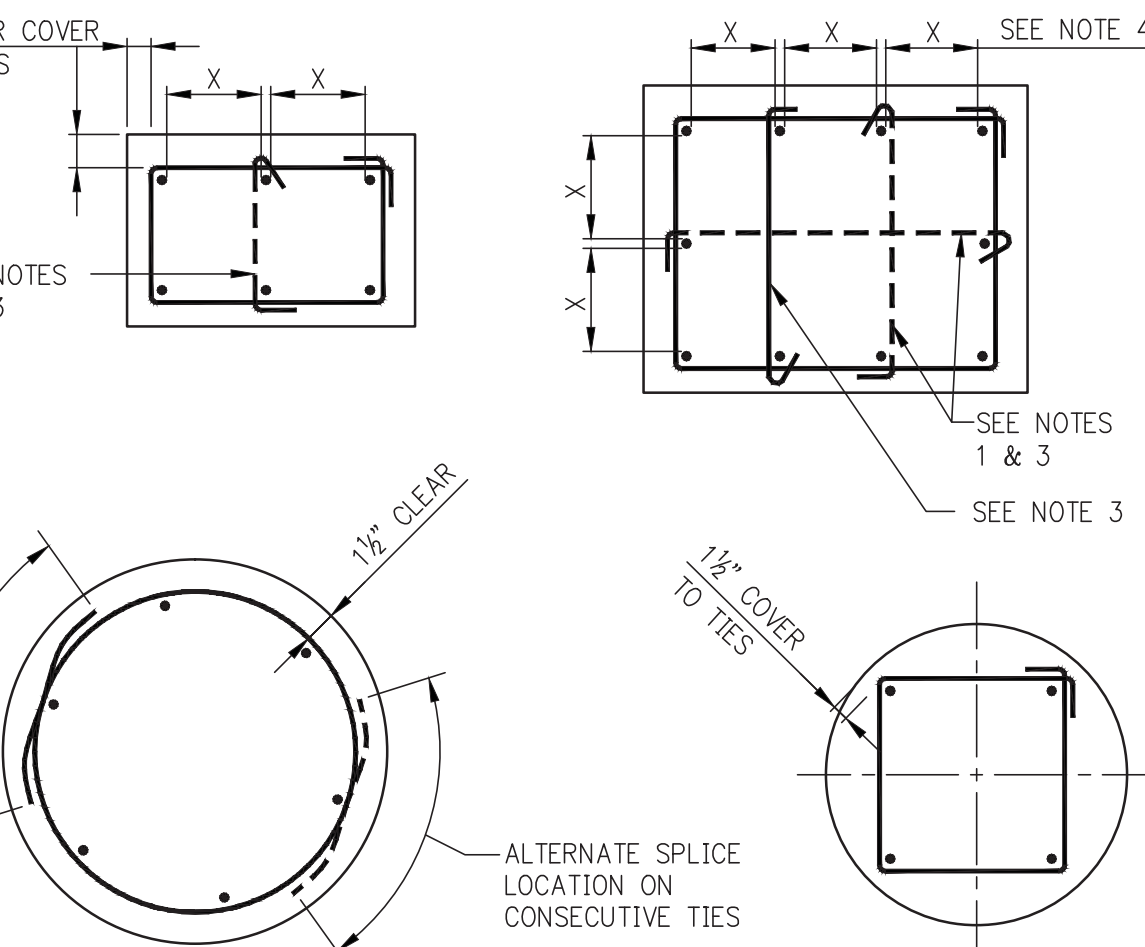
DOB PAGE No: 132 OF 158



COLUMN DETAILS

- NOTES:**
- #3 TIES NOT PERMITTED FOR #11, #14, #18 OR BUNDLED VERTICAL BARS.
 - LOCATE TOP SET OF TIES S_o/2 MAXIMUM BELOW THE LOWEST HORIZONTAL REINFORCEMENT IN SLAB OR DROP PANEL. WHERE BEAMS FRAME FROM FOUR DIRECTIONS INTO COLUMN, TIES MAY TERMINATE NOT MORE THAN 3" BELOW LOWEST REINFORCEMENT IN SHALLOWEST OF SUCH BEAMS.
 - WHERE AREA OF VERTICAL REINFORCEMENT IN LOWER COLUMN IS GREATER THEN THAT OF UPPER COLUMN, EXTEND AREA OF REINFORCEMENT AT LEAST EQUAL TO THAT OF UPPER COLUMN.
 - WHERE AREA OF REINFORCEMENT IN LOWER COLUMN IS LESS THAN THAT OF UPPER COLUMN, PROVIDE ADDITIONAL DOWELS TO MAKE UP THE DIFFERENCE.
 - ALL LAP SPLICES AND EMBEDMENTS TO BE TENSION SPLICE UNLESS OTHERWISE NOTED IN COLUMN SCHEDULE.
 - WHERE SLAB IS POURED OVER FOUNDATION PRIOR TO COLUMN, VERTICAL REINFORCEMENT AND DOWEL LAP TO START AT TOP OF SLAB.
 - LENGTH "L_o" SHALL NOT BE LESS THAN 1/8 OF CLEAR HEIGHT OF COLUMN, MAXIMUM COLUMN DIMENSION, OR 18".
 - IF COLUMN REQUIRES SHEAR REINFORCEMENT, MAXIMUM SPACING OF TIES SHALL BE LIMITED TO d/2, REQUIRED SIZE, NUMBER AND SPACING OF TIES MAY BE MORE STRINGENT THAN SHOWN IN TYPICAL DETAILS.
 - IF OFFSET OF DOWEL IS MORE THAN 6", LAP SHALL BE TWICE THE COMPRESSION DEVELOPMENT LENGTH OF THE SMALLER BAR.

VERTICAL BAR SIZE	COLUMN TIE SCHEDULE		
	SIZE & SPACING (S _o) OF TIES, IN INCHES. MAXIMUM SPACING NOT TO EXCEED 1/2 OF LEAST COLUMN DIMENSION OR 12". SEE NOTE 8	#4	#5
#3	5	-	-
#6	6	-	-
#7	7	-	-
#8	8	-	-
#9	9	9	-
#10	9	10	-
#11	-	11	11
#14	-	12	12
#18	-	12	12

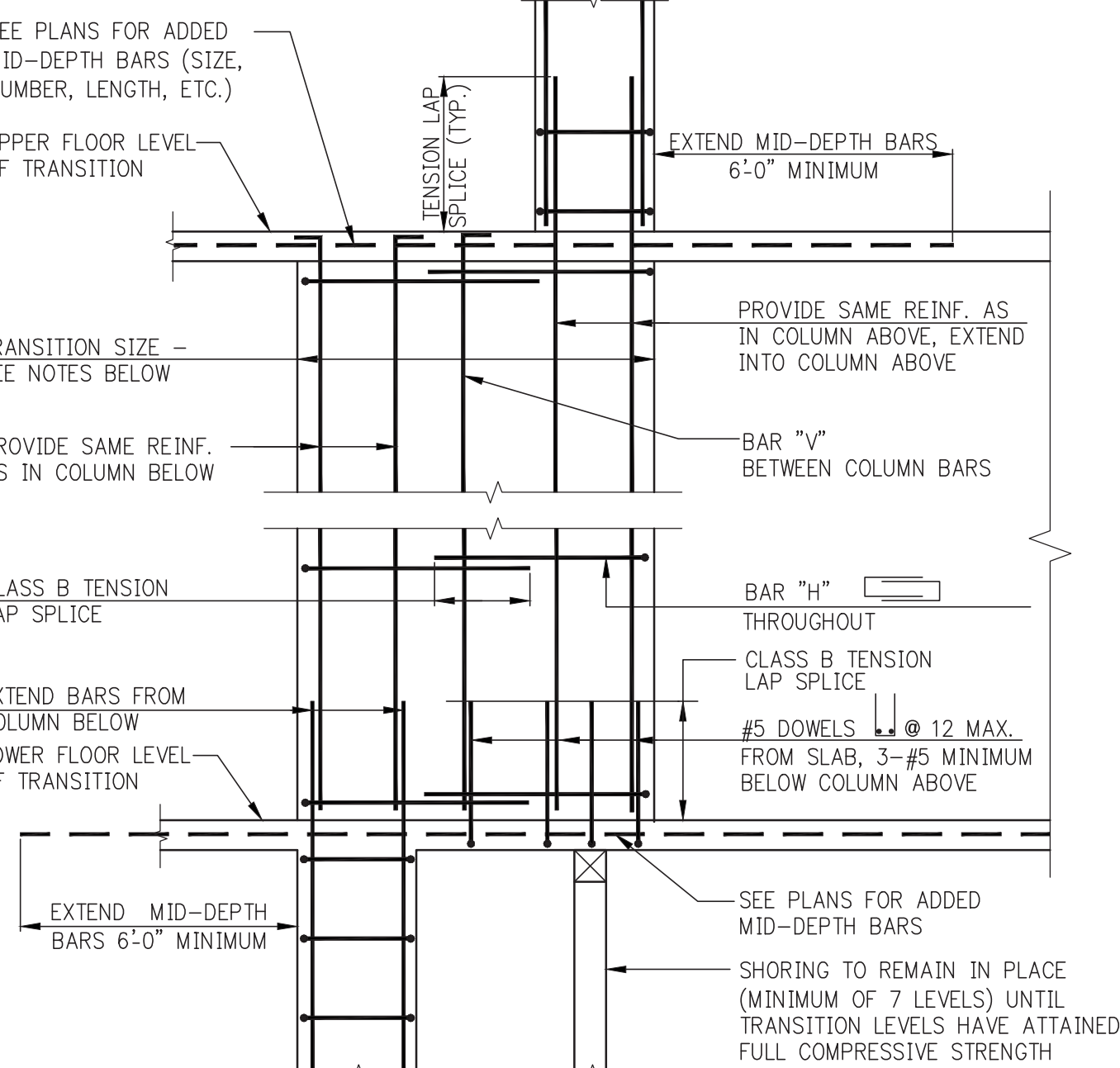


COLUMN REINFORCEMENT AND TIES ARRANGEMENT

- NOTES:**
- SINGLE LEG CROSS-TIES SHOWN DASHED MAY BE OMITTED WHEN THE VERTICAL BAR IS NO FARTHER THAN 6" CLEAR ON EACH SIDE FROM ADJACENT TIED BARS.
 - WHEN THERE IS A SERIES OF VERTICAL BARS (SUCH AS IN WALL-LIKE COLUMNS) AND BARS ARE SPACED NOMINALLY AT 6" O/C, EVERY OTHER VERTICAL BAR WILL REQUIRE A CROSS-TIE.
 - ALTERNATE 90° AND 135° ENDS ON CONSECUTIVE SINGLE LEG CROSS-TIES THROUGHOUT HEIGHT OF MEMBER.
 - DETAILER SHALL SPACE BARS EQUIDISTANT ON ALL FACES UNLESS OTHERWISE SHOWN IN DETAILS.

DETAIL C - HORIZONTAL SECTION THROUGH "WALKING" COLUMN TRANSITION

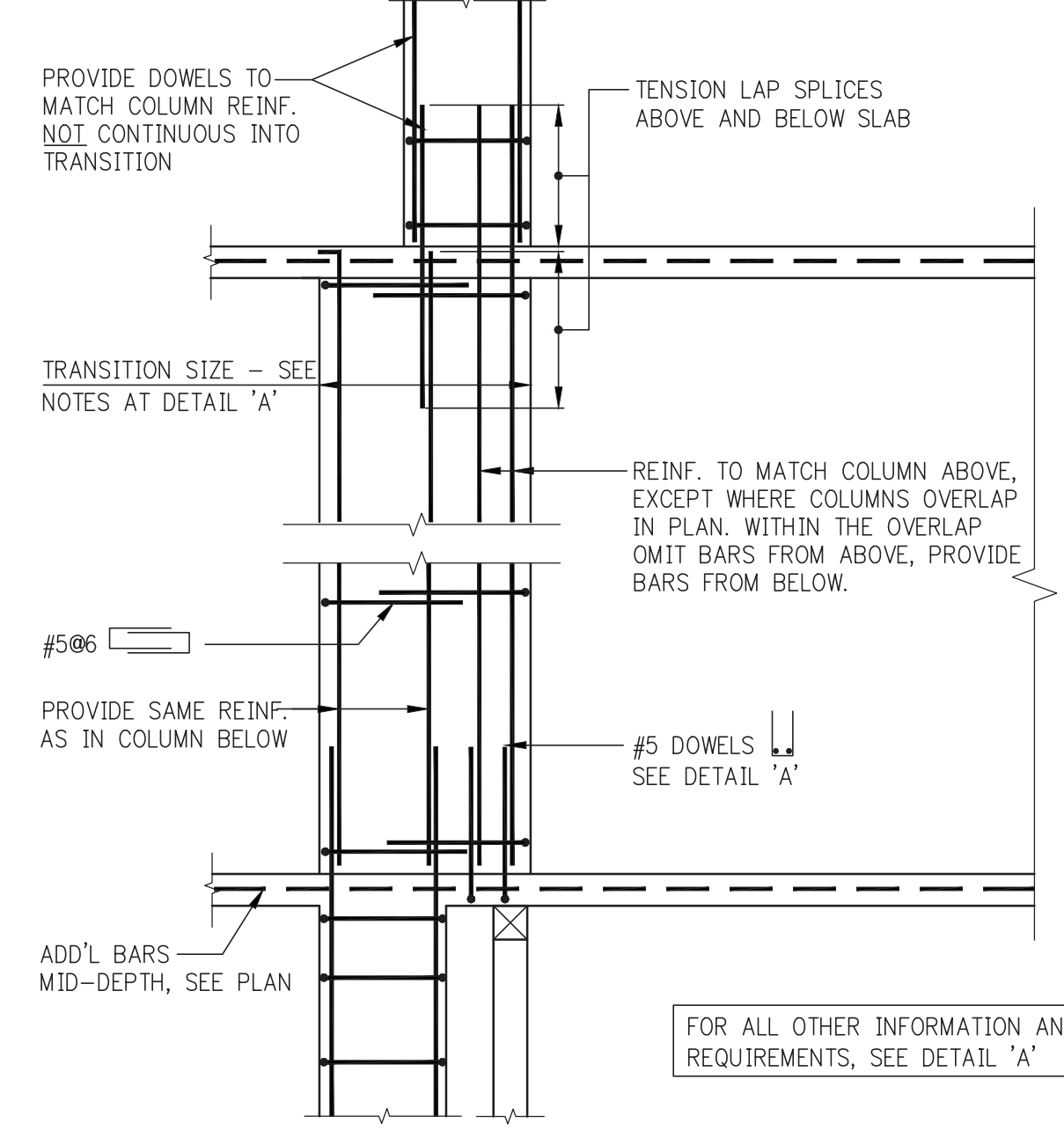
MECHANICAL SPICE DETAIL



DETAIL A - ELEVATION OF "WALKING" COLUMN TRANSITION

- NOTES:**
- FOR DIMENSIONS AND LOCATION OF TRANSITION SEE COLUMN LOCATION PLANS AND/OR COLUMN SCHEDULE.
 - VERTICAL REINFORCEMENT IN TRANSITION TO BE AS SHOWN IN DETAILS 'A' AND 'B' UNLESS THE COLUMN SCHEDULE CALLS FOR SPECIFIC VERTICAL REINFORCEMENT WITHIN THE TRANSITION.
 - IN ADDITION TO HORIZONTAL HOOPS, SHOWN IN DETAIL A&B PROVIDE HOOPS AND CROSS-TIES TO SATISFY TIEING REQUIREMENTS OF TYPICAL COLUMN DETAILS FOR ALL VERTICAL REINFORCEMENT.

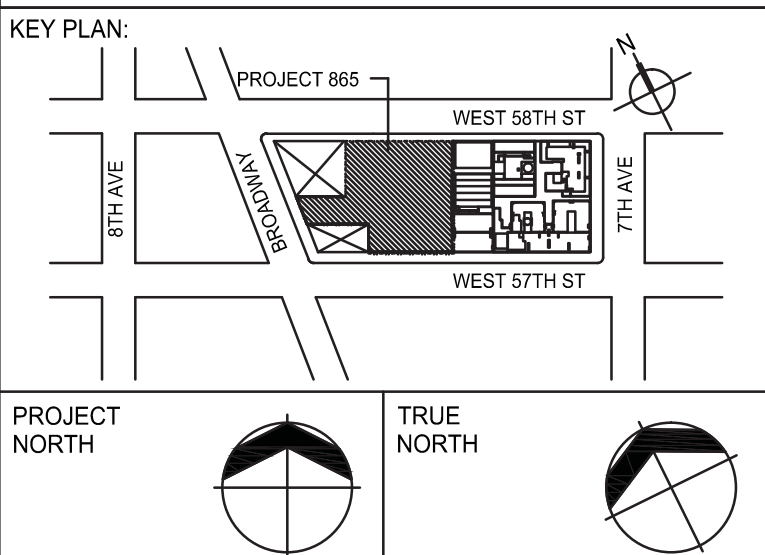
TRANSER COLUMN THICKNESS	BAR "H"	BAR "V"
t ≤ 24"	#506	#506" E.F.
24" < t ≤ 36"	#506	2-#506" E.F.
t ≥ 36"	2-#506	2-#506" E.F.



DETAIL B

USE THIS DETAIL WHERE COLUMNS ABOVE AND BELOW TRANSITION OVERLAP IN PLAN

FOR ALL OTHER INFORMATION AND REQUIREMENTS, SEE DETAIL "A"



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805 THIRD AVENUE, 7TH FLOOR
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ADRIAN SMITH + GORDON GILL ARCHITECTURE
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CHICAGO, IL 60603
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New York, NY 10001
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AKF GROUP
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New York, NY 10036 USA
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Langan Engineering & Environmental Services
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New York, NY 10001-2727
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New York, NY 10007
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CURTAINWALL CONSULTANT:
AJLP Consulting
40 Worth Street, Suite 826
New York, NY 10013
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LANDMARK/PRESERVATION CONSULTANT:
Jan Hird Pokorny Associates, Inc.
39 West 37th Street, 12A
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TEL: 212 759 6462 FAX: 212 759 6540

No.	DESCRIPTION	DATE
1	SCHEMATIC DESIGN	03-31-2014
2	FOUNDATION BID PACKAGE	05-31-2014
3	ISSUED FOR SCHEMATIC DESIGN	04-04-2014
4	FOUNDATION BID PACKAGE	04-04-2014
5	STEEL BID PACKAGE	05-22-2014
6	SUPERSTRUCTURE CONCRETE BID	06-02-2014
7	DESIGN DEVELOPMENT	07-01-2014
8	ISSUED FOR DESIGN DEVELOPMENT	07-03-2014
9	SEE ZONE STEEL BID	08-20-2014
10	CD PROGRESS ISSUE 1	10-15-2014
11	DOB SUBMISSION	12-19-2014
12	DOB SUBMISSION	02-05-2015
13	PROGRESS CD	06-08-2015
14	DOB AMENDMENT 2	09-18-2015

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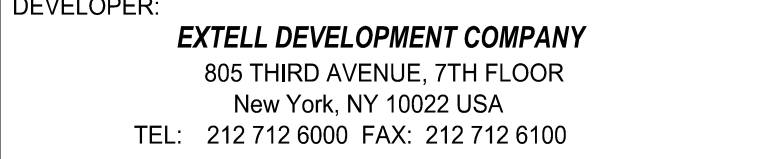
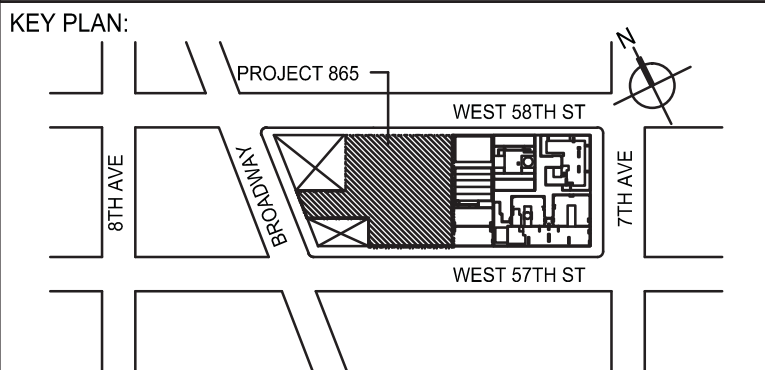
CONSULTANT:
WSP
228 East 45th Street
New York, NY 10017
(212) 687-8888
www.wspgroup.com/usa

PROJECT:
217 WEST 57TH STREET
NEW YORK, NY

DRAWING TITLE:
TYPICAL CONCRETE COLUMNS DETAILS 1

SEAL & SIGNATURE	DATE: 03-31-14
	PROJECT No: 2012185
	DRAWN: CADD REV: 14
	CHK: Y.E. SCALE: AS INDICATED
	DWG No: S-513.01

DOB EMPLOYEE STAMP: DOB B-SCAN:



DESIGN ARCHITECT: Base Building Shell & Core
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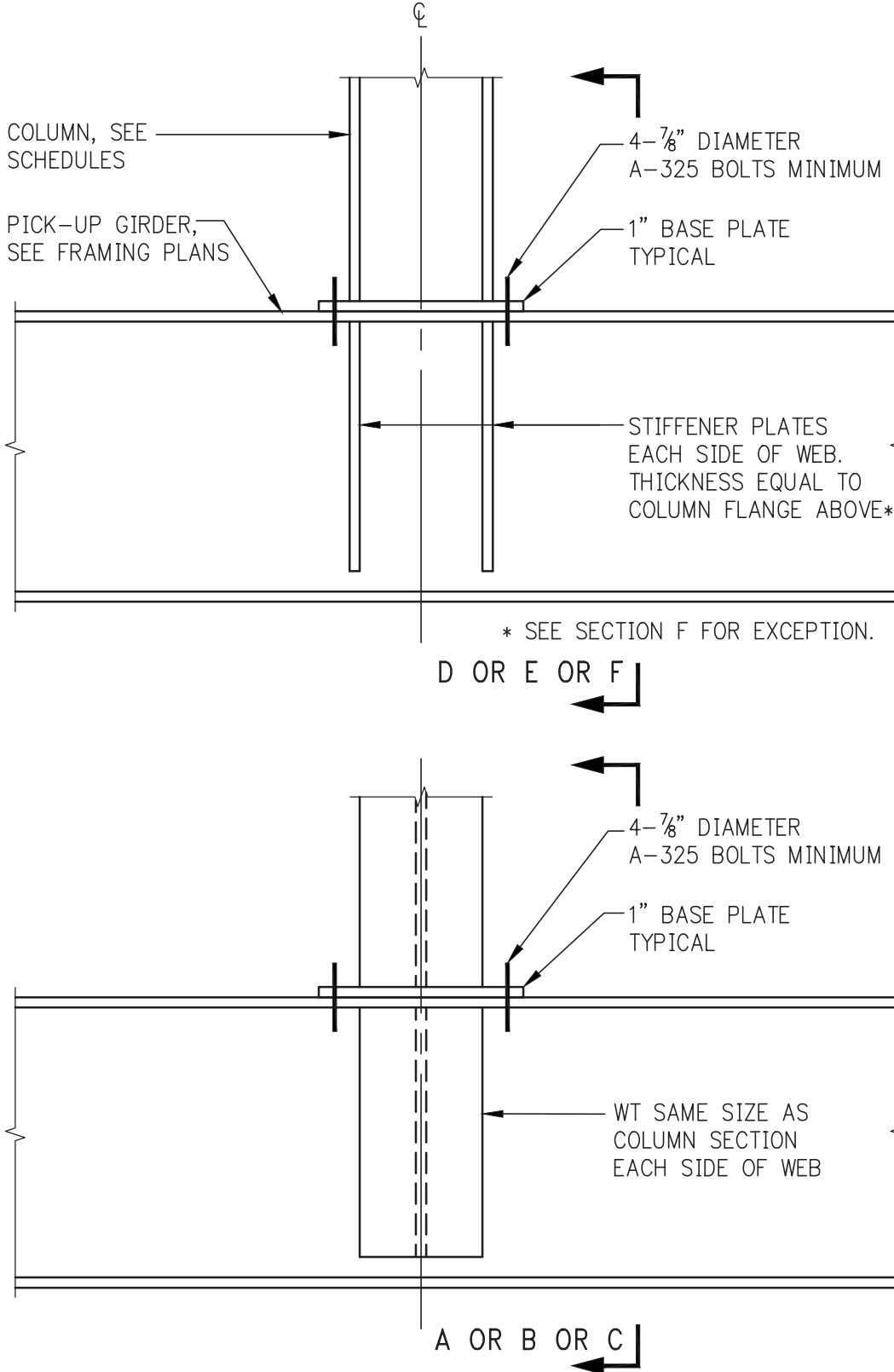
217 WEST 57TH STREET
NEW YORK, NY

DRAWING TITLE:

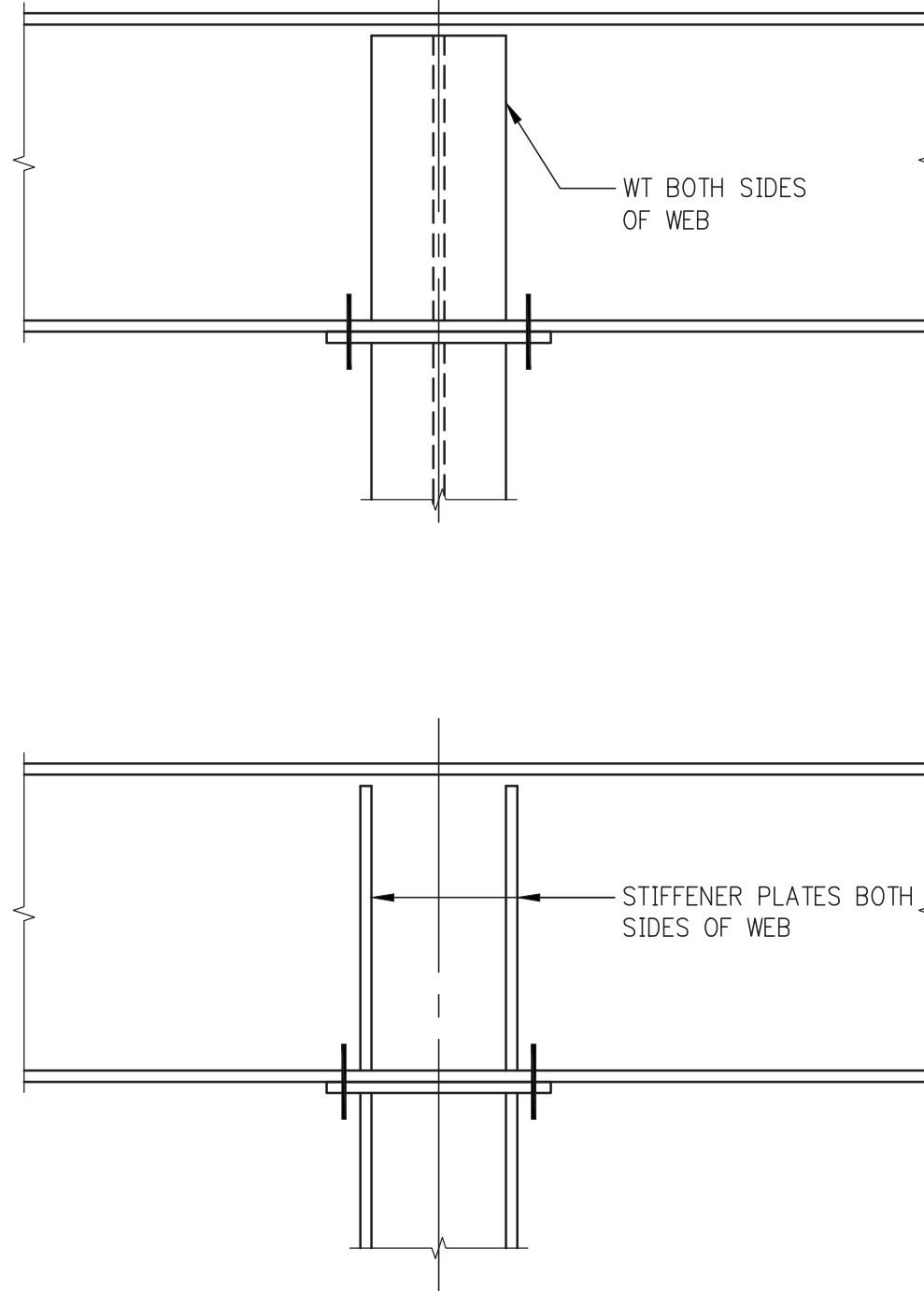
TYPICAL CONCRETE
COLUMNS DETAILS 1

	DATE: 06-01-15	
	PROJECT No: 2012185	
	DRAWN: CADD	REV:
	CHK: Y.E.	2
	SCALE: AS INDICATED	
DWG No:		

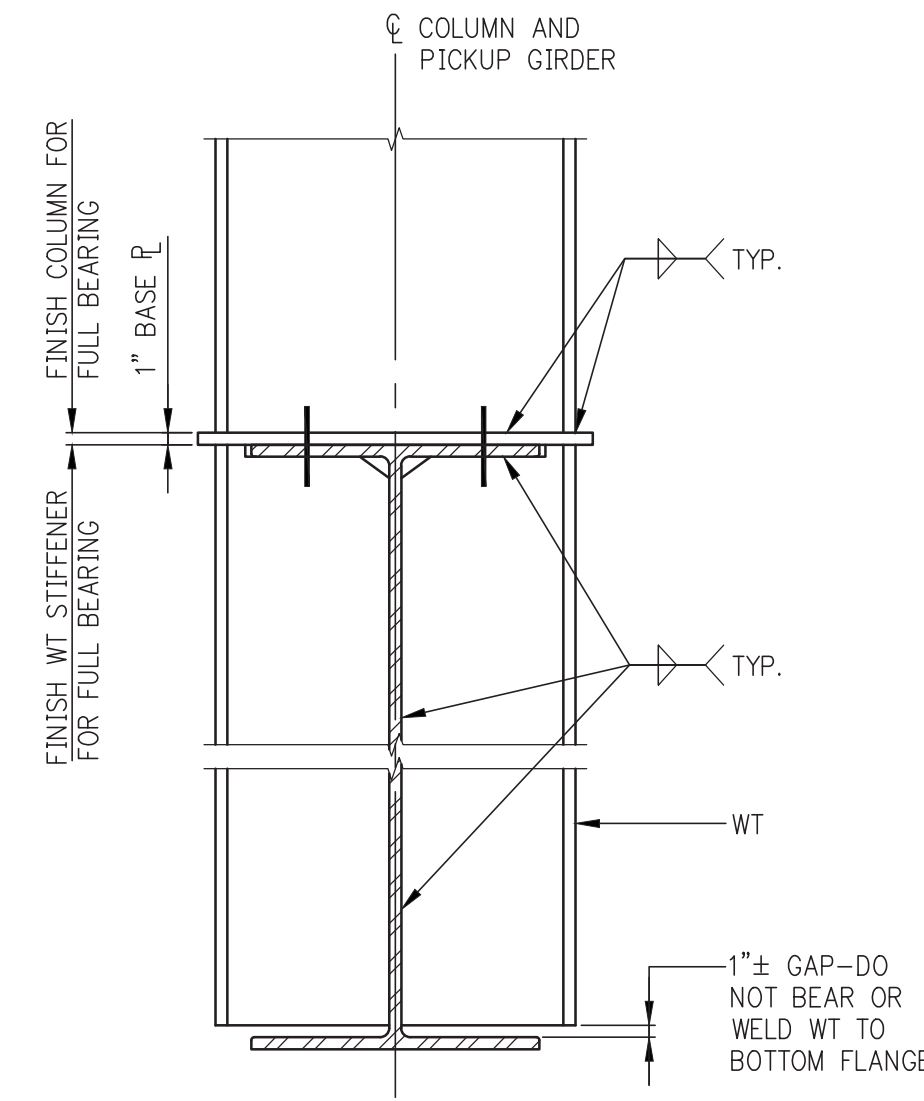
DOB EMPLOYEE STAMP:		DOB B-SCAN:	
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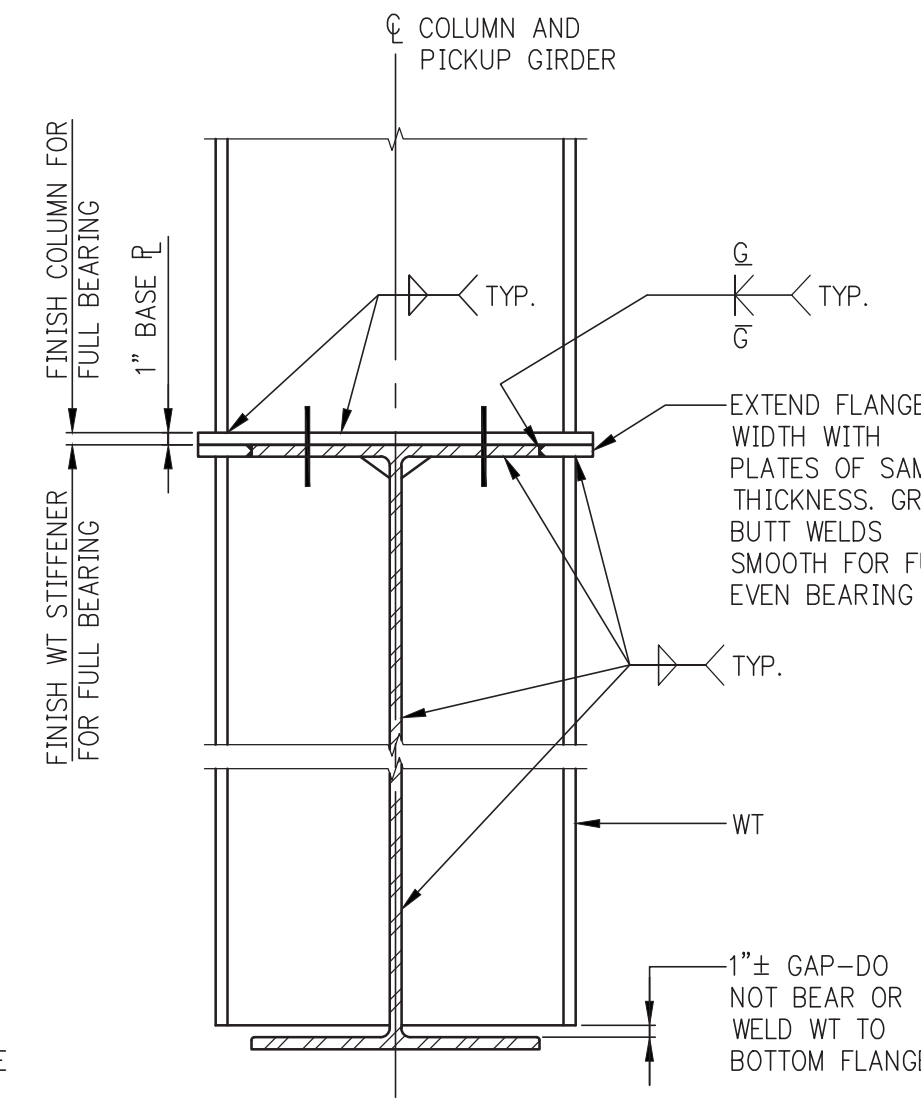
COLUMN OR POST PICK-UP
NOTE:
WT AND STIFFENER PLATES TO BE SAME GRADE OF STEEL AS COLUMN.



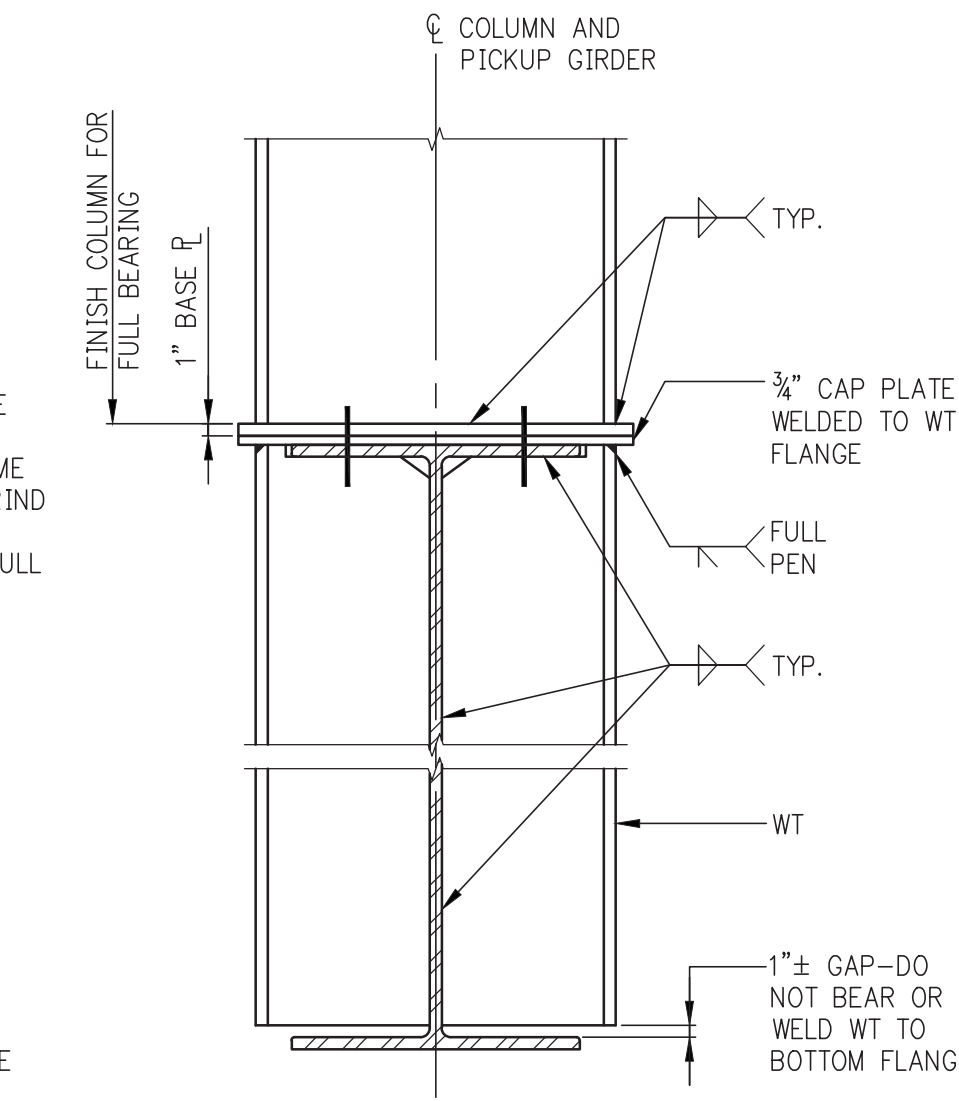
BEAM CONTINUOUS OVER COLUMN
NOTE:
ALL DETAILS OF WT AND STIFFENER PLATES ARE SAME AS FOR COLUMN PICK-UP, BUT INVERTED.



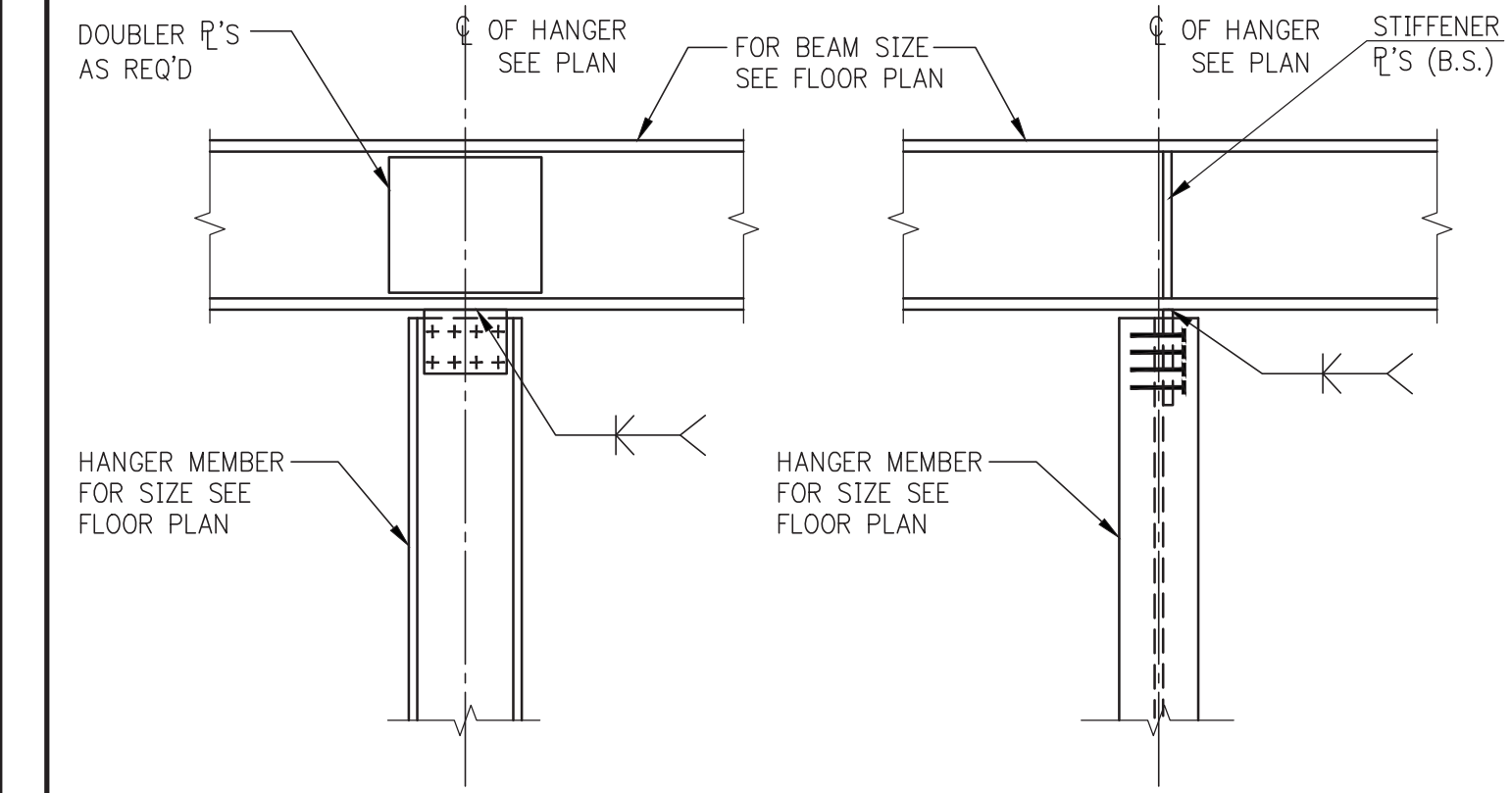
EXTEND WT STIFFENER SECTION A



EXTEND FLANGE SECTION B

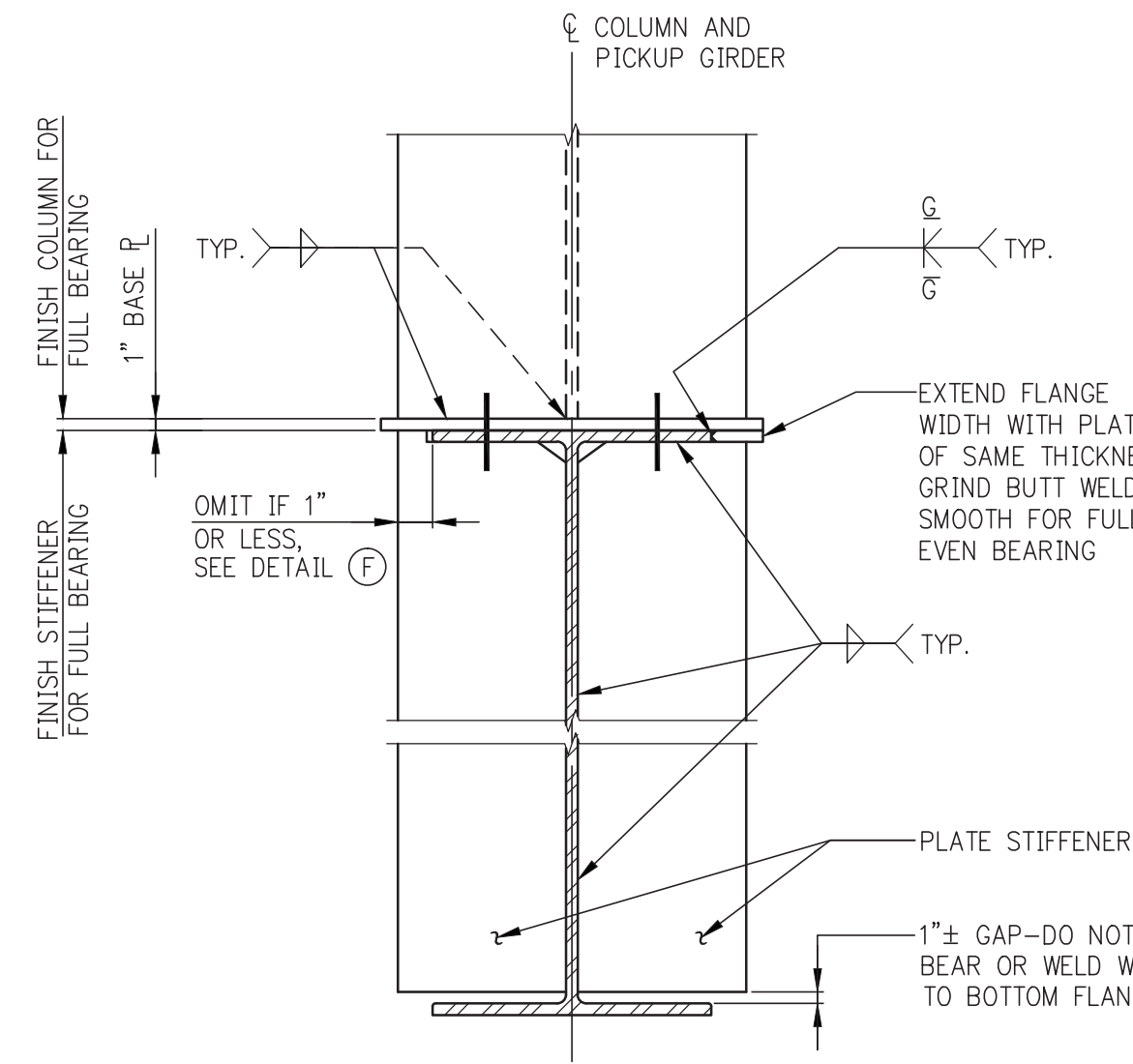


EXTEND WT STIFFENER, ADD CAP PLATE SECTION C

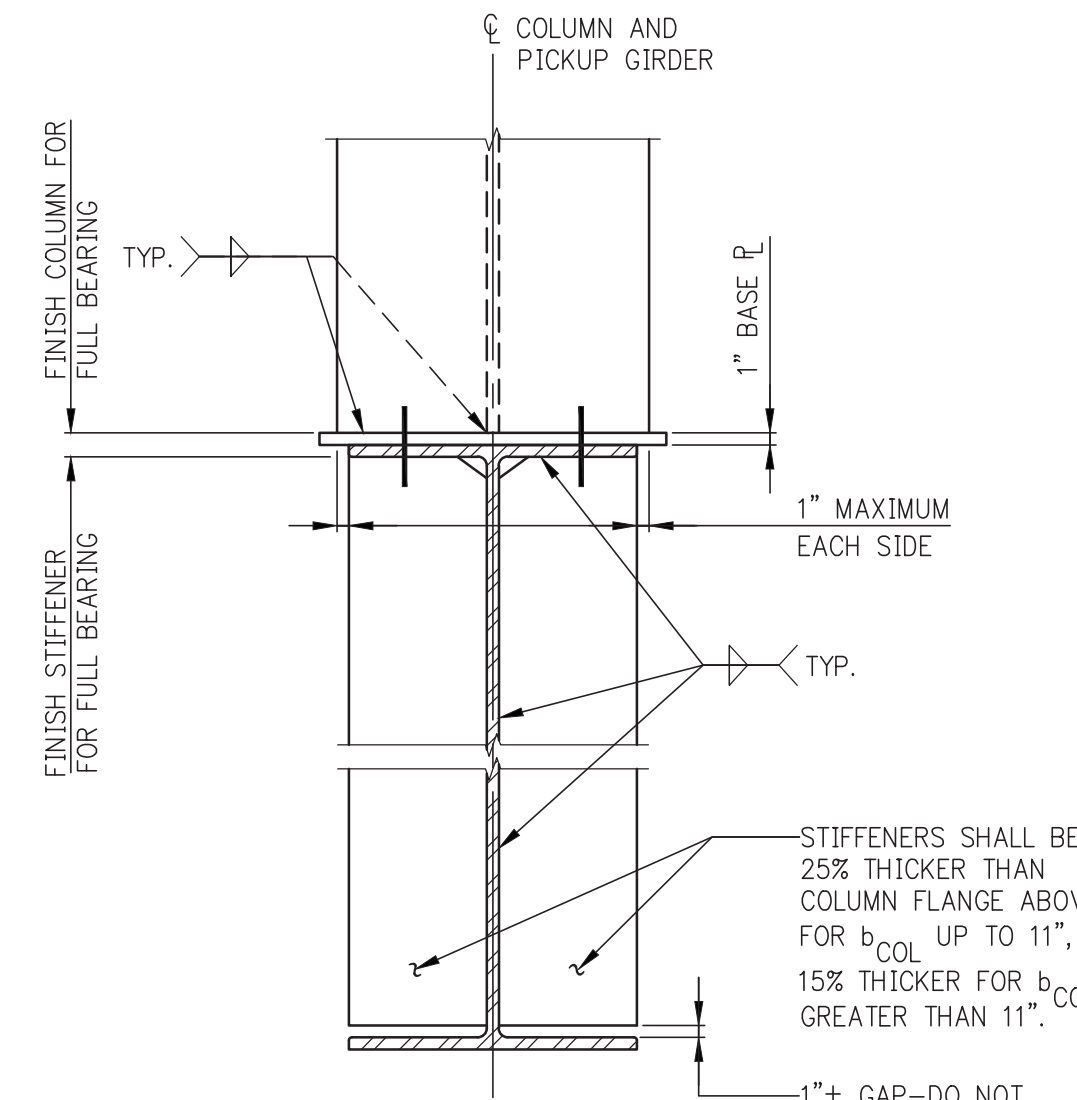


TYP. HANGER CONN. DET.

NOTE:
1. HANGER CONNECTION SHALL DEVELOP A TENSION LOAD THAT IS 1.5X THE SUM OF THE SHEAR LOAD REACTIONS OF THE SUPPORTED MEMBERS U.O.N.



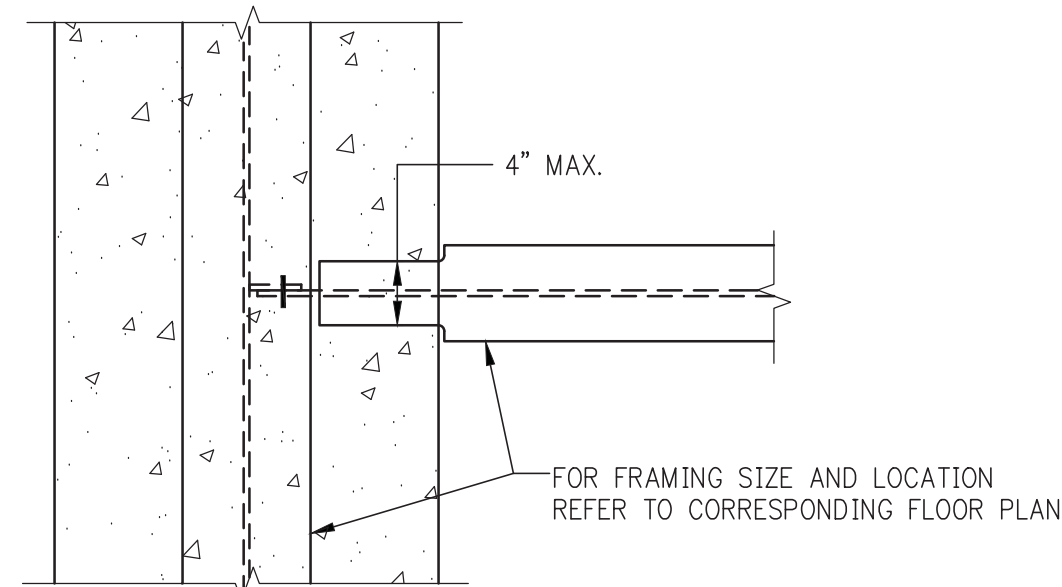
EXTEND STIFFENER SECTION D



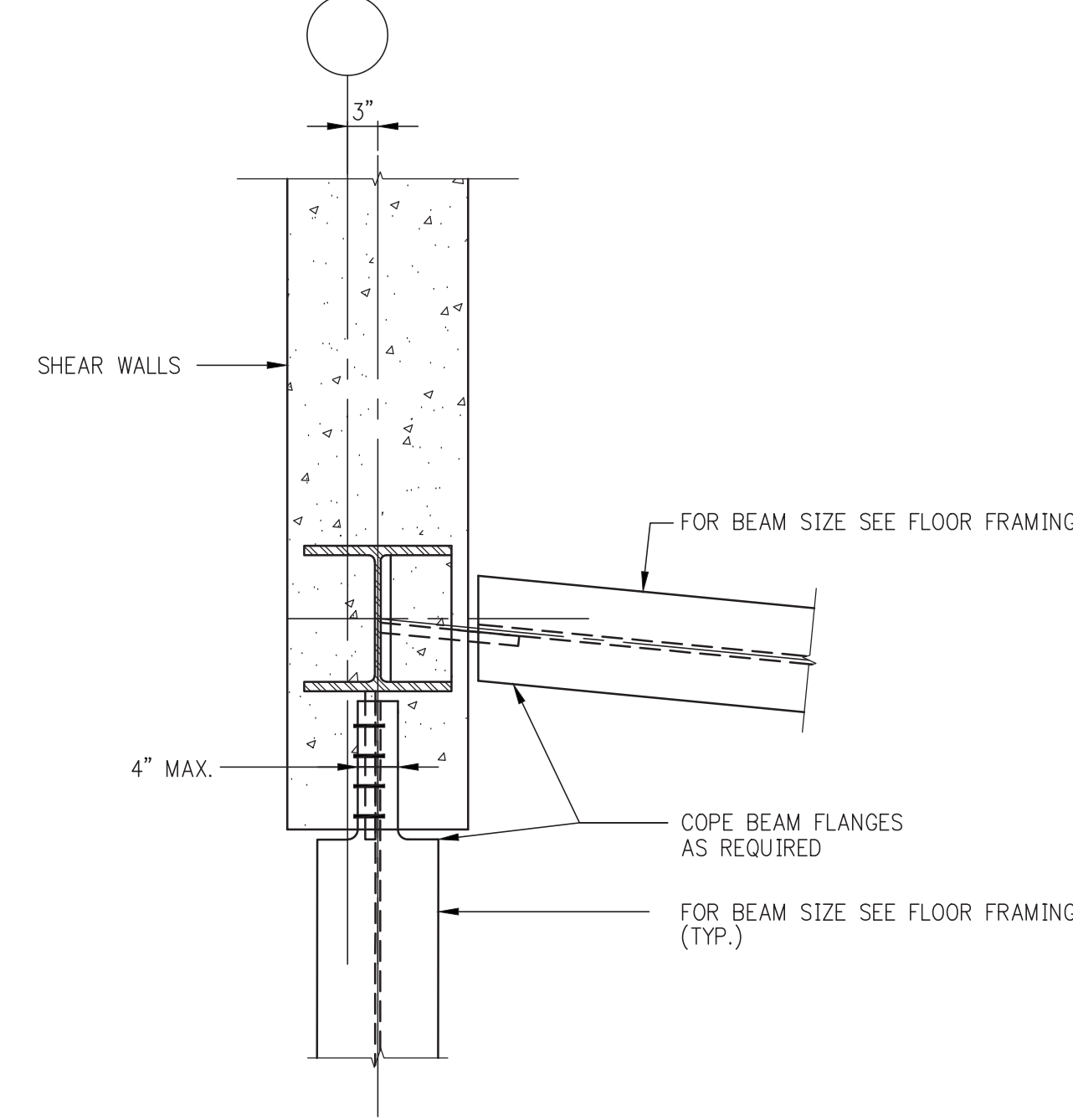
EXTEND FLANGE SECTION E

COLUMN LESS THAN 2" WIDER THAN GIRDER SECTION F

ALTERNATIVE GIRDER STIFFENER DETAILS (D, E, & F) WHEN COLUMN FLANGE IS WIDER THAN PICKUP GIRDER

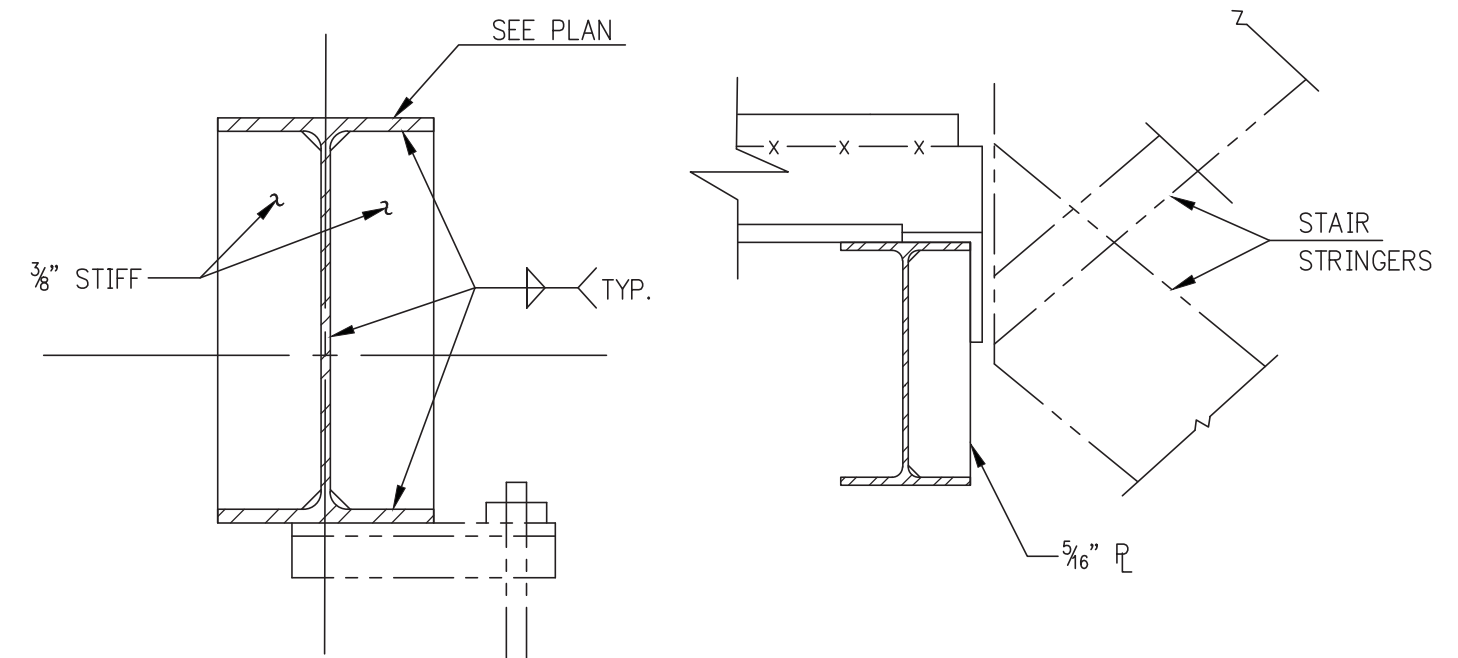


TYPICAL DETAIL WHERE FLOOR FRAMING IS CROSSING CONCRETE WALLS

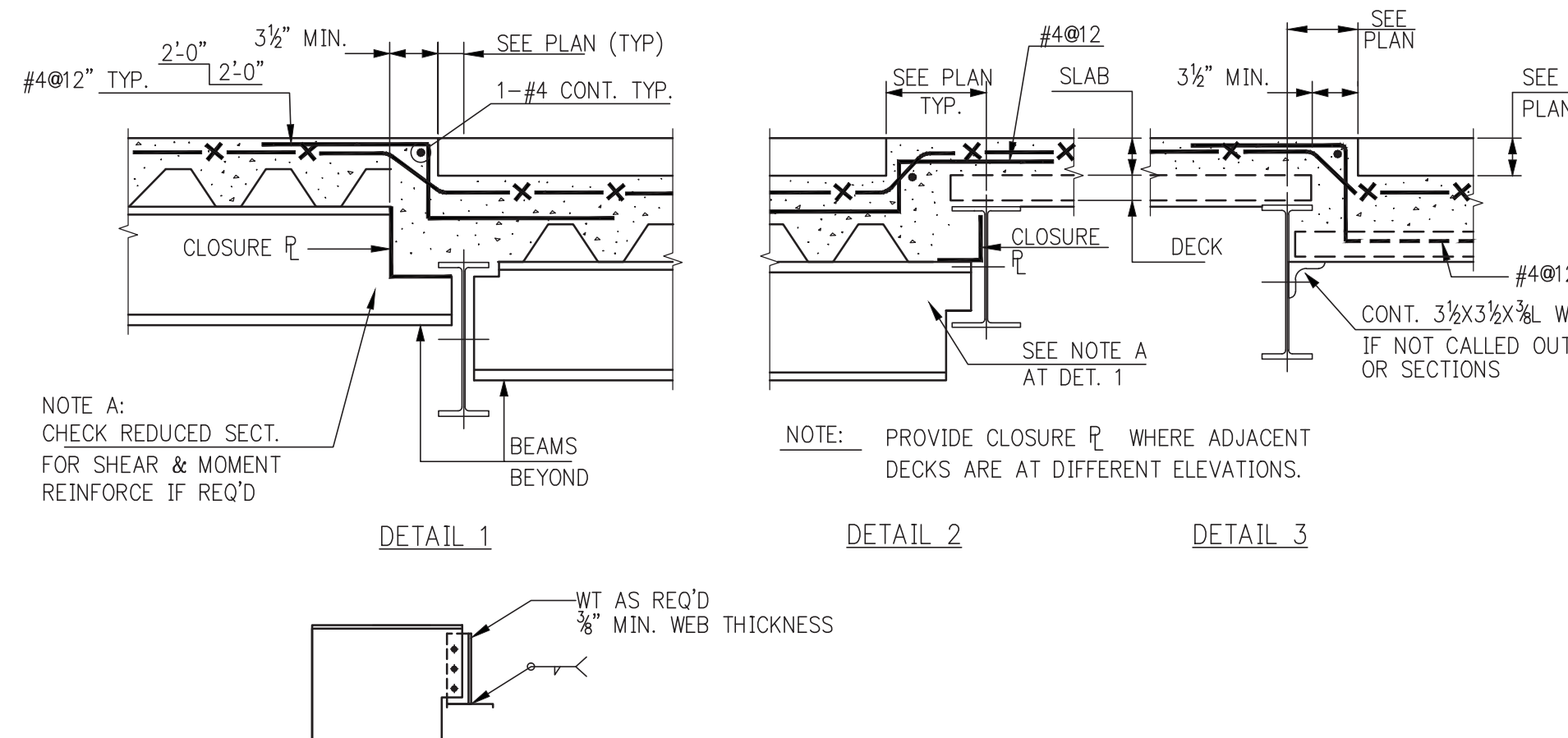


TYP. DETAIL OF STEEL BEAMS FRAMING INTO SHEAR WALL
SCALE: 3/4"=1'-0"

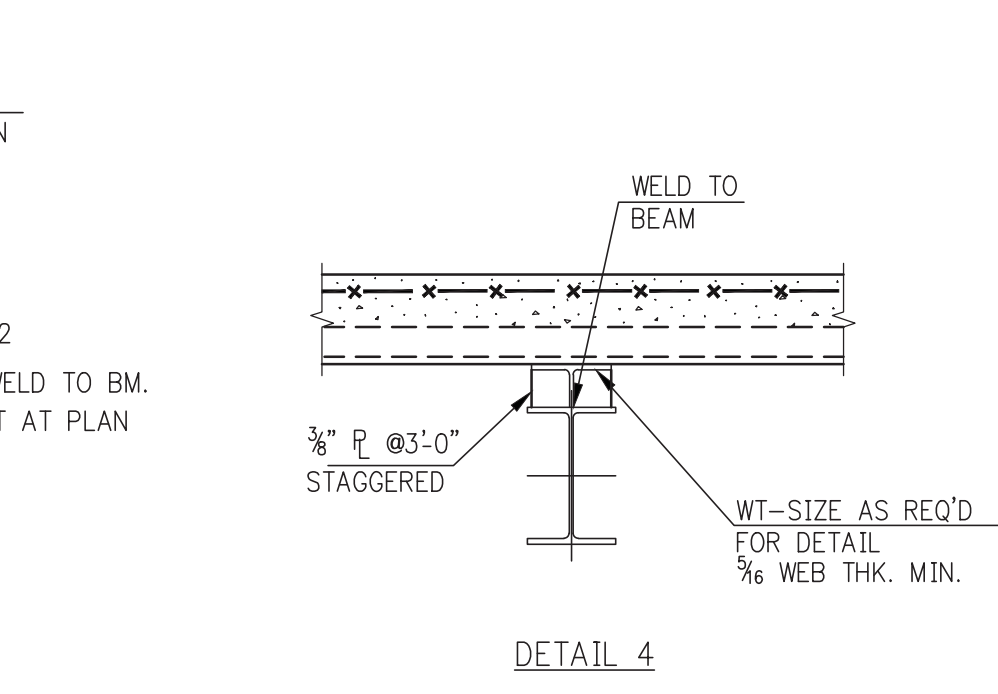
NOTES:
1) SHEAR WALL REINF. IS NOT SHOWN FOR CLARITY.
2) FLOOR SLAB AND REINF. ARE NOT SHOWN FOR CLARITY.



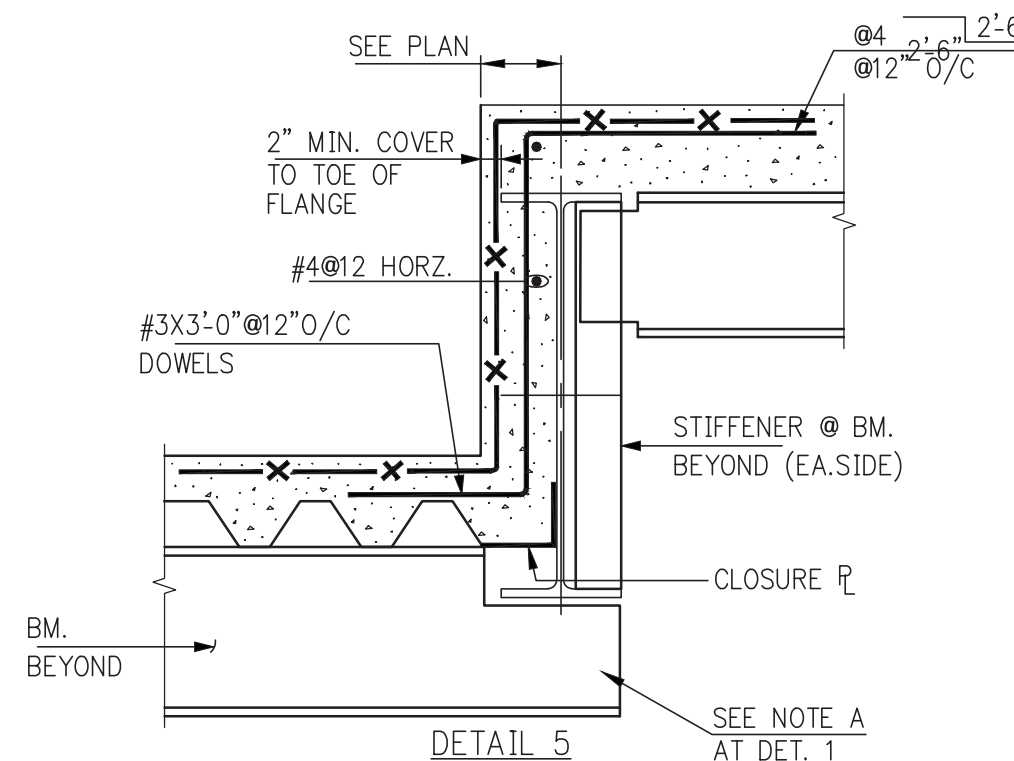
TYPICAL DETAIL AT STAIR



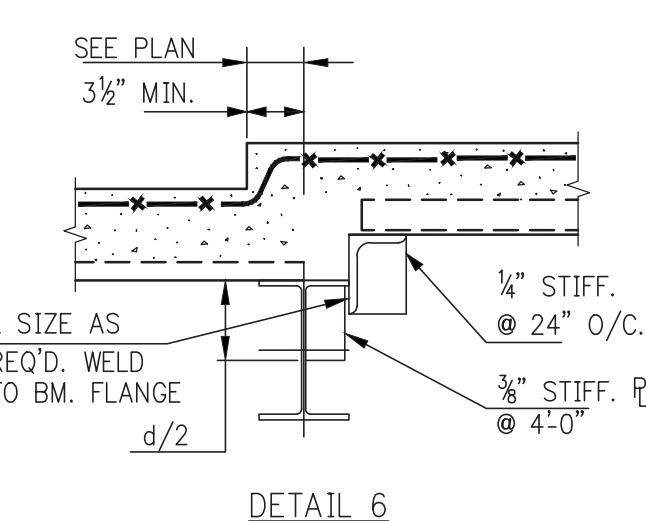
DETAIL 1A



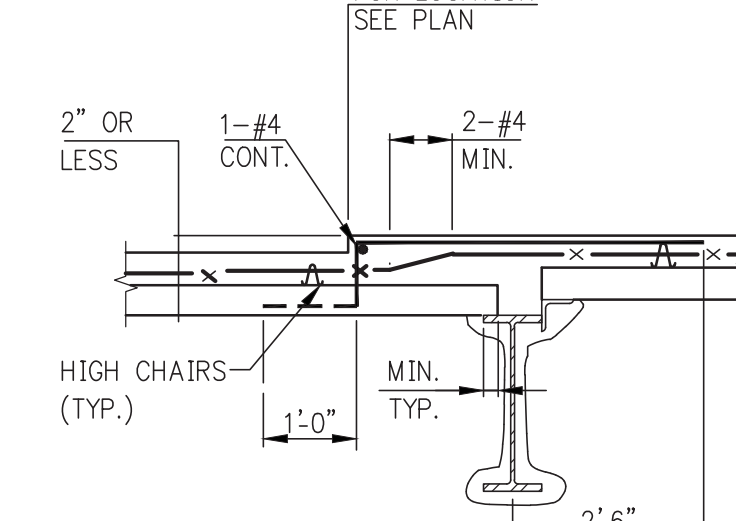
DETAIL 4



DETAIL 5



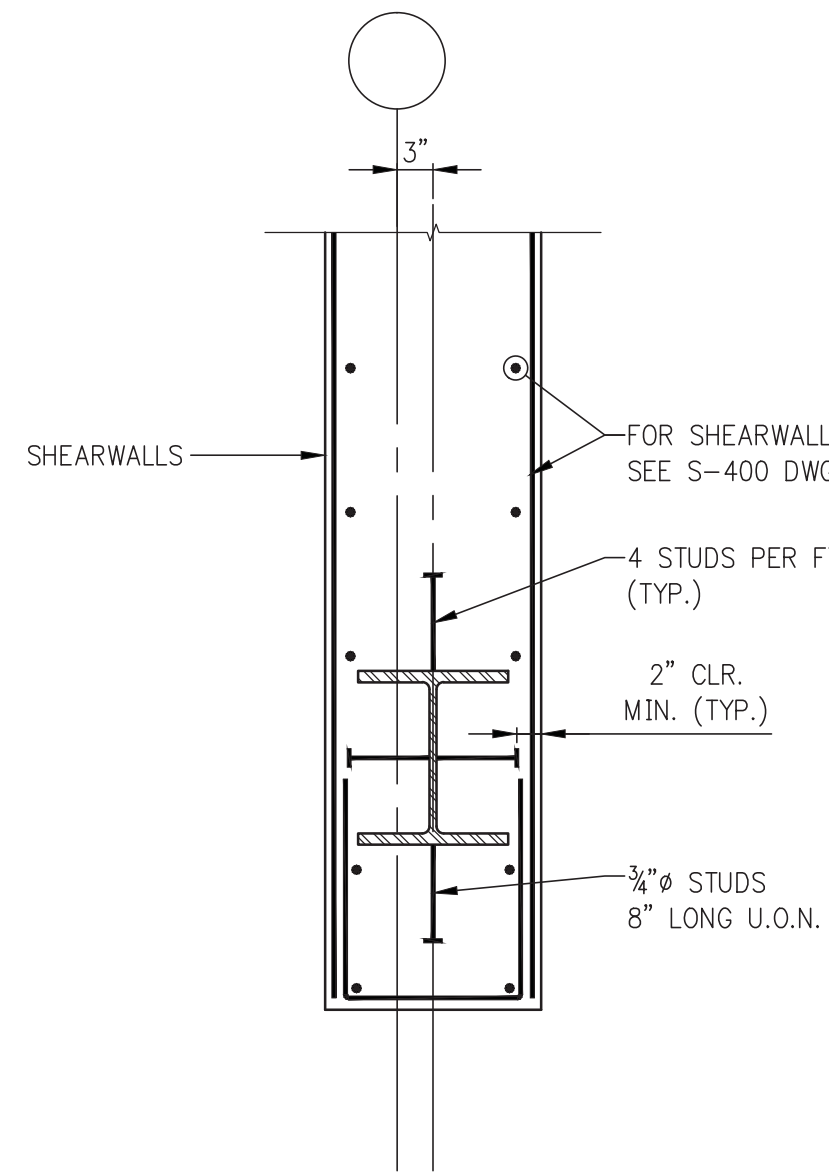
DETAIL 6



DETAIL 7

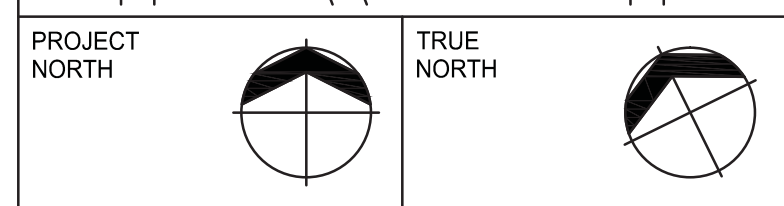
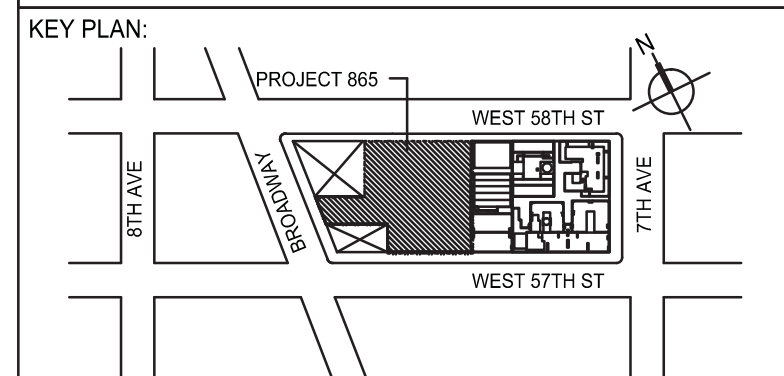
TYPICAL DETAILS FOR SLAB DEPRESSION ON STEEL DECK

NOTE:
WHERE DEPRESSION IS NOT REQ'D AT LOW STEEL DECK, USE LT. WT. CONC. FILL TO BRING UP TO REQ'D ELEVATIONS.



TYPICAL DETAIL OF STEEL ERECTION COLUMN IN SHEAR WALL
SCALE: 3/4"=1'-0"

NOTES:
1) STEEL BEAMS FRAMING INTO COLUMN NOT SHOWN FOR CLARITY.



DEVELOPER:
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No.	DESCRIPTION	DATE
1	SE ZONE STEEL BID	08-20-2014
2	STRUCTURAL STEEL BID	09-15-2014
3	CD PROGRESS ISSUE 1	10-15-2014
4	ISSUED FOR CONSTRUCTION UP TO GROUND FL ONLY	10-17-2014
5	DOB SUBMISSION	12-19-2014
6	DOB SUBMISSION	02-05-2015
7	DOB AMENDMENT 2	09-16-2015

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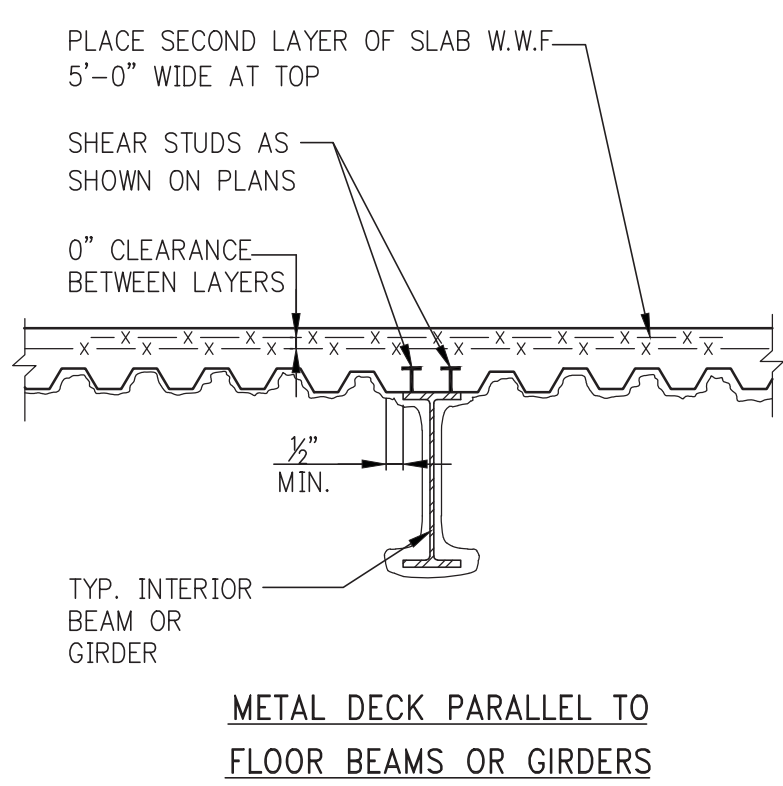
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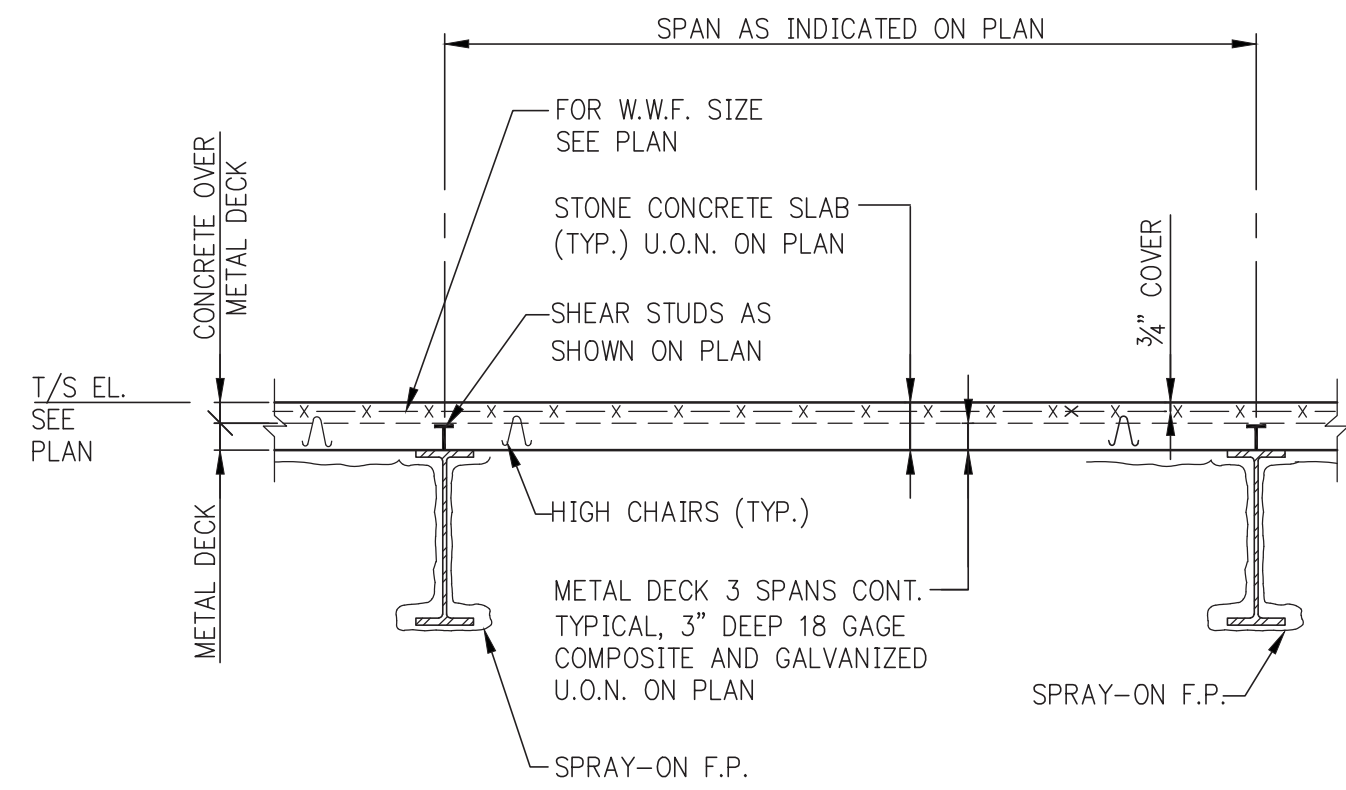
DRAWING TITLE:
TYPICAL SUPERSTRUCTURE STEEL DETAILS 2

SEAL & SIGNATURE:
WSP
PROJECT No: 2012185
DRAWN: CADD
CHK: Y.E.
SCALE: AS INDICATED
DWG No: **S-601.02**

DOB EMPLOYEE STAMP:
DOB PAGE No: 136 OF 158
DOB B-SCAN:



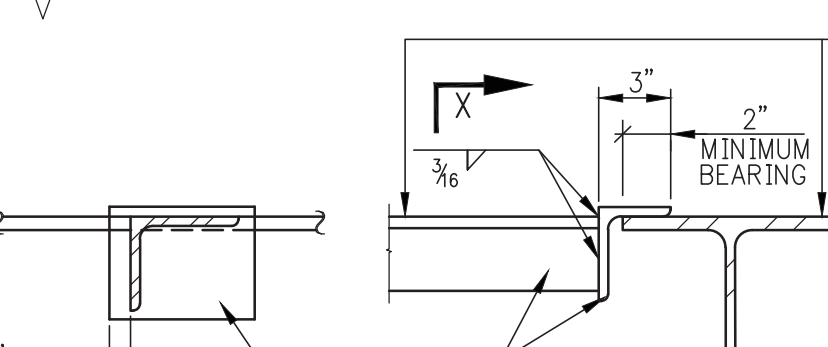
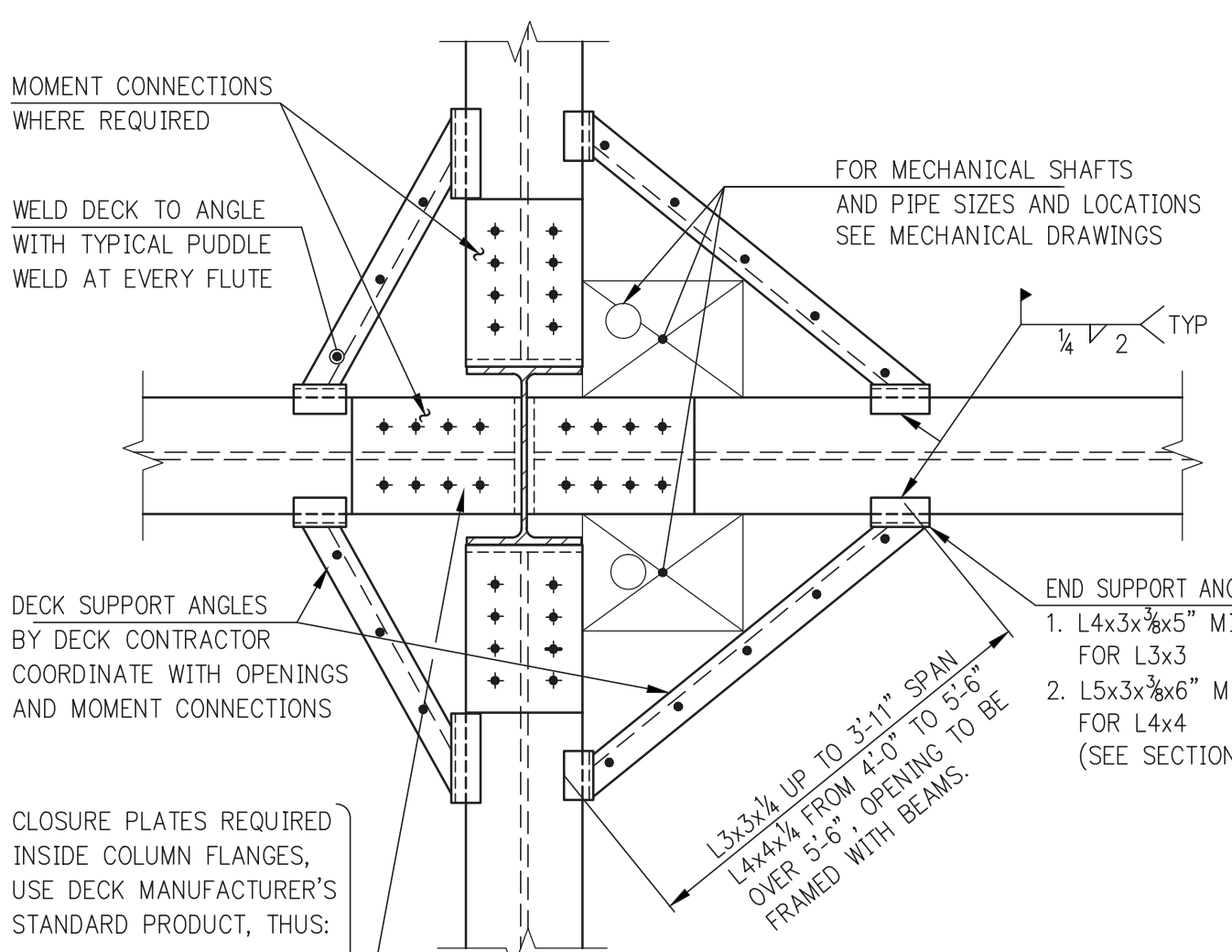
METAL DECK PARALLEL TO FLOOR BEAMS OR GIRDERS



NOTE: ALL SINGLE SPAN DECK MUST BE SHORED.

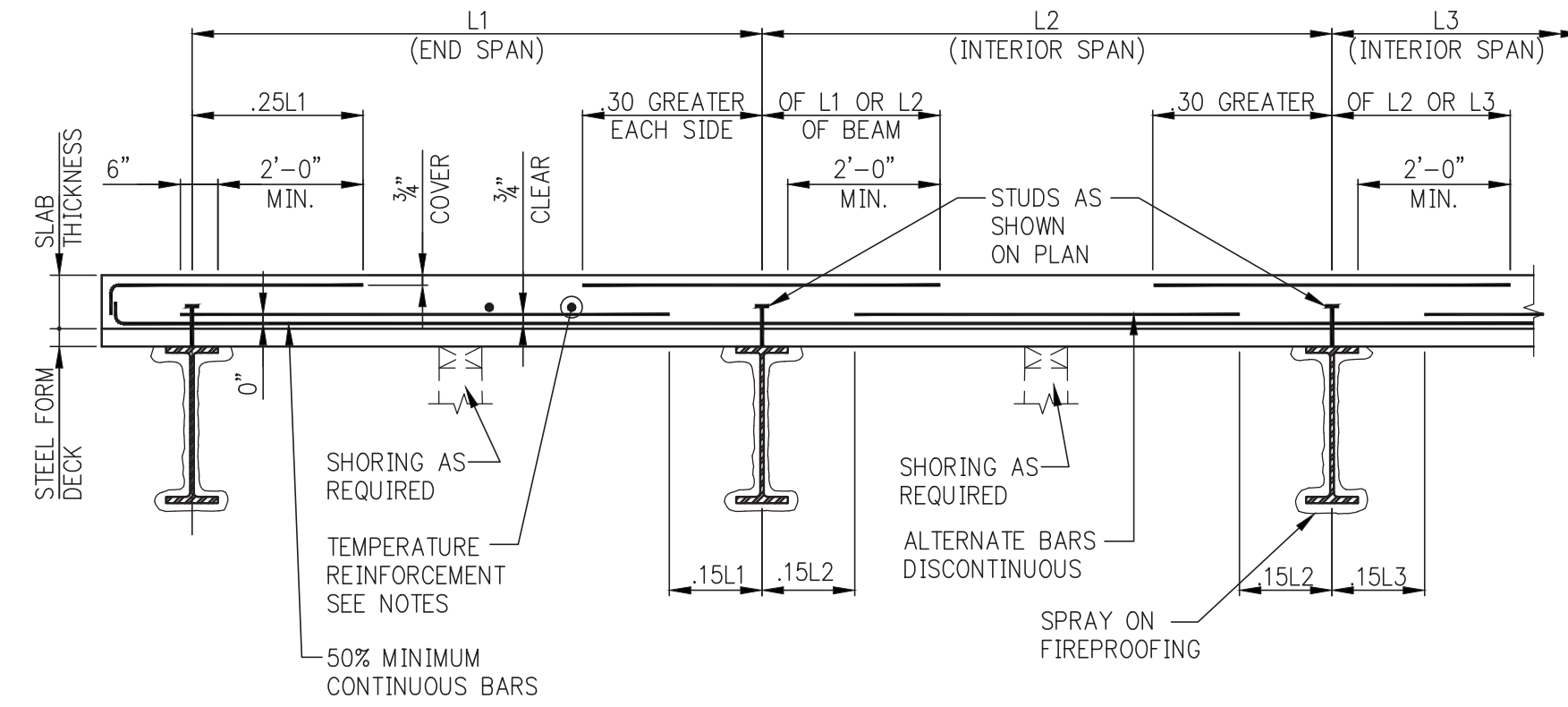
METAL DECK PERPENDICULAR TO FLOOR BEAMS OR GIRDERS

TYPICAL FLOOR CONSTRUCTION



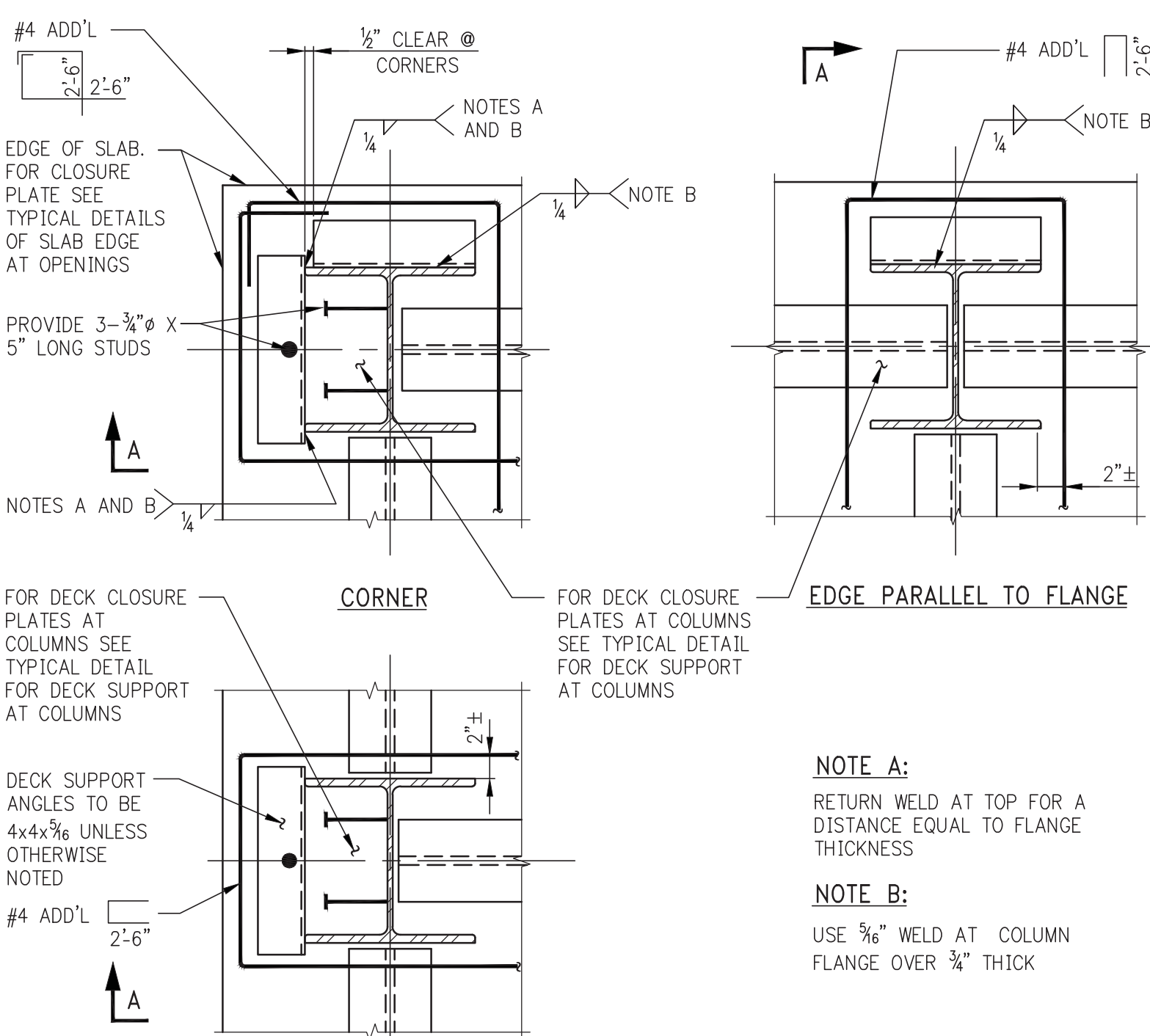
VIEW X-X

DECK SUPPORT AT COLUMNS



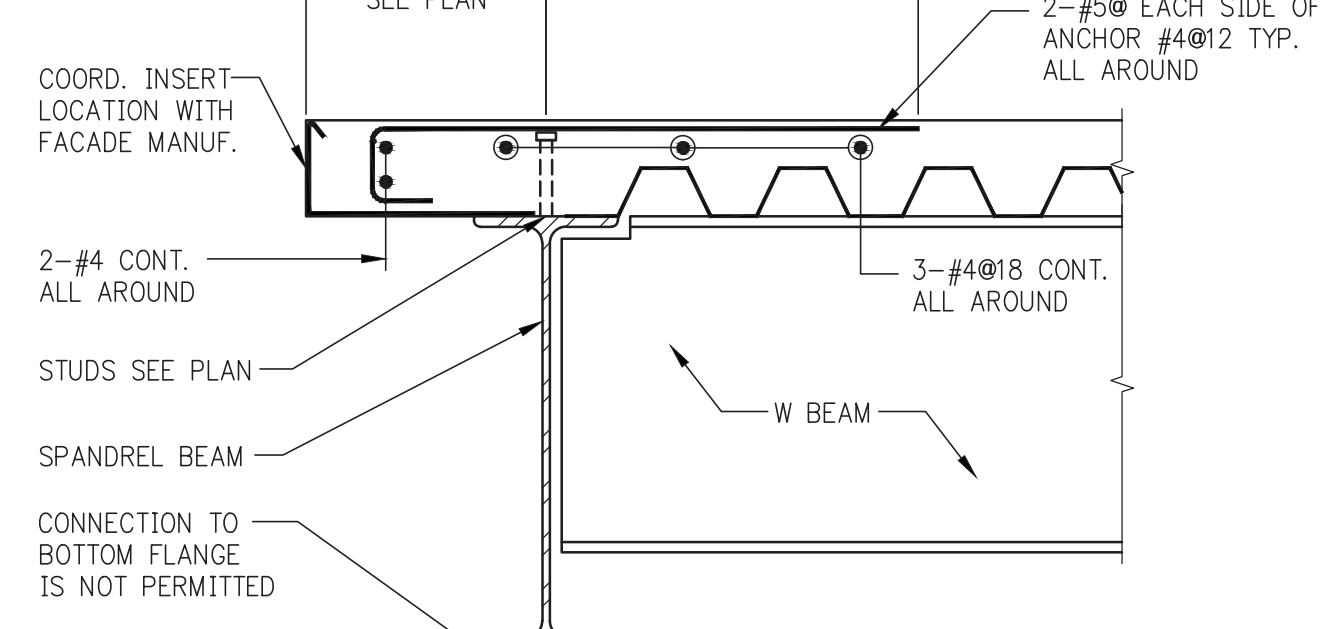
CONCRETE SLAB REINFORCEMENT DETAILS ON STEEL FORM DECK

- NOTES:
- FOR STEEL FORM DECK TYPE, DEPTH, GAGE, WELD STRESS, PROTECTIVE COATING, ETC. SEE FRAMING PLANS AND NOTES.
 - THESE DETAILS ARE APPLICABLE TO REINFORCED CONCRETE SLAB PLACED ON STEEL FORM DECK SEE PLANS FOR LOCATIONS.
 - SLAB REINFORCEMENT INTERRUPTED BY AN OPENING IN THE SLAB SHALL BE COMPENSATED FOR BY PLACING ONE HALF OF THE REINFORCEMENT TERMINATED ON EACH SIDE OF THE OPENING. REINFORCEMENT SHALL EXTEND FOR FULL LENGTH OF SPAN.
 - PROVIDE 2-#4 TOP AND BOTTOM ADDITIONAL BARS AT ALL FOUR SIDES OF ALL SLAB OPENINGS. LENGTH OF BARS TO BE EQUAL TO OPENING PLUS FIVE FEET.
 - PROVIDE #4@12 TOP REINFORCEMENT OVER ALL STEEL FRAMING MEMBERS (GIRDERS) WHICH ARE PARALLEL TO THE SPAN DIRECTION OF THE SLAB. BARS TO EXTEND 2'-0" FROM EDGE OF GIRDER FLANGE ON EACH SIDE OF GIRDER.
 - HOOK ALL TOP BARS AT DISCONTINUOUS ENDS, I.E. FACE OF CANTILEVERS, EDGE OF SLAB, OPENINGS, ETC.
 - SLAB TEMPERATURE REINFORCEMENT SHALL BE #4@18 FOR SLAB THICKNESS UP TO 6", #4@12 FOR SLAB THICKNESS BETWEEN 6" AND 9", #4@9" BETWEEN 9" AND 12".

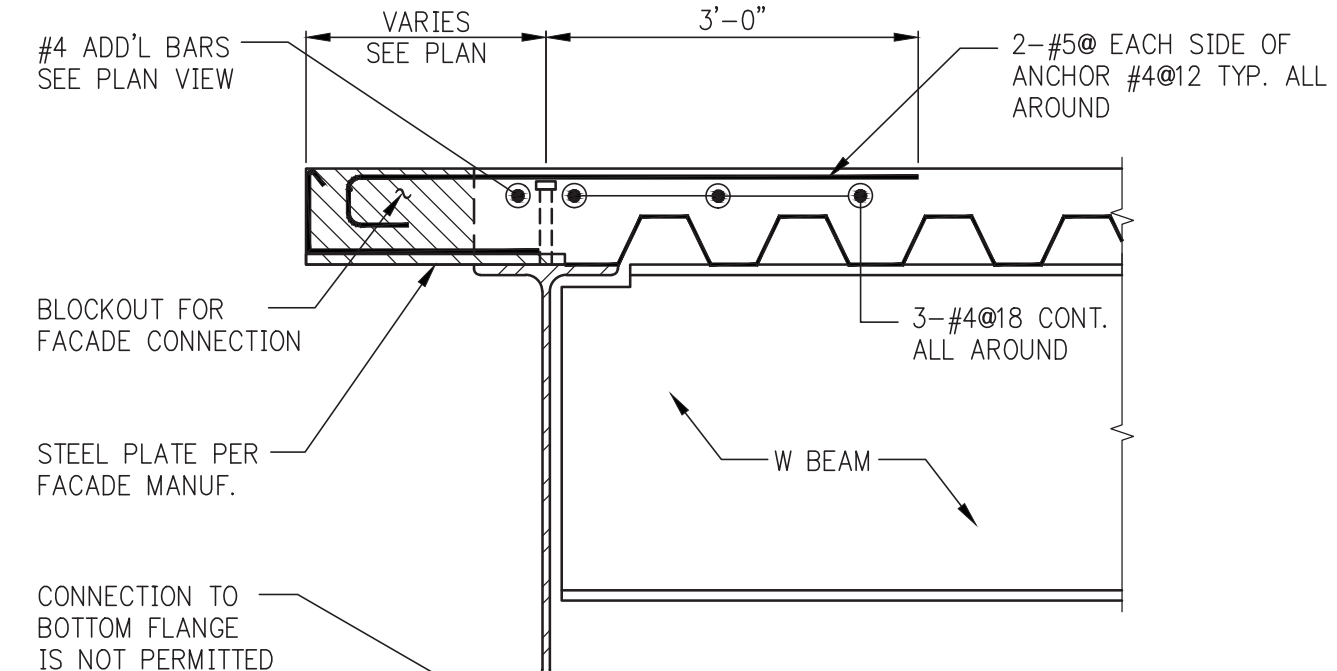


DECK SUPPORT AT PERIMETER COLUMNS

NOTE: DECK IS NOT SHOWN. SEE FRAMING PLANS FOR SIZE AND DIRECTION OF SPAN.

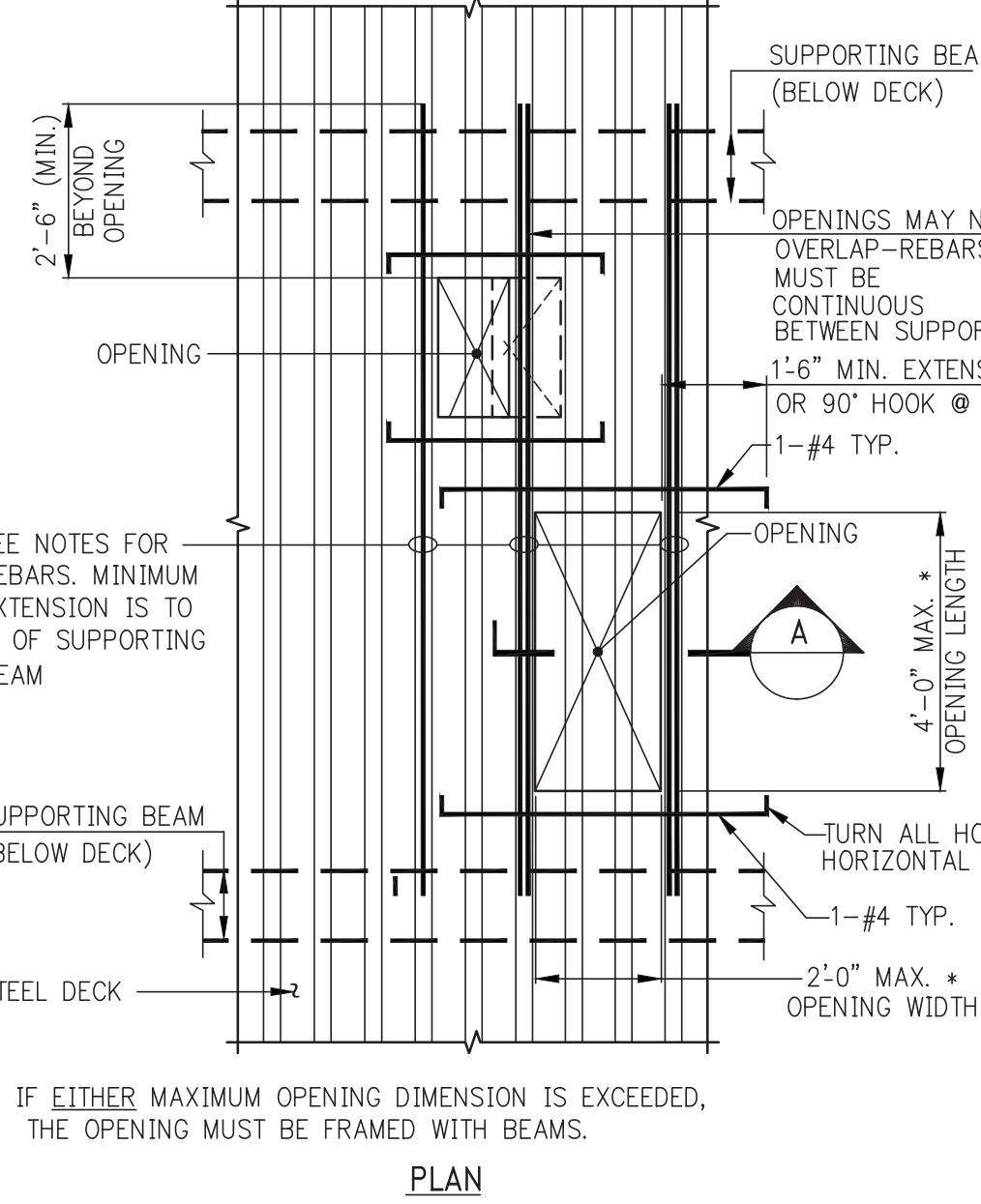


DETAIL #1 (WHERE FACADE ANCHOR IS EMBEDDED INTO SLAB) (REBAR TO BE COORDINATED WITH INSERT LOCATION)



DETAIL #2 (WHERE FACADE ANCHOR IS SET INTO SLAB BLOCKOUT) (REBAR TO BE COORDINATED WITH BLOCKOUT LOCATION)

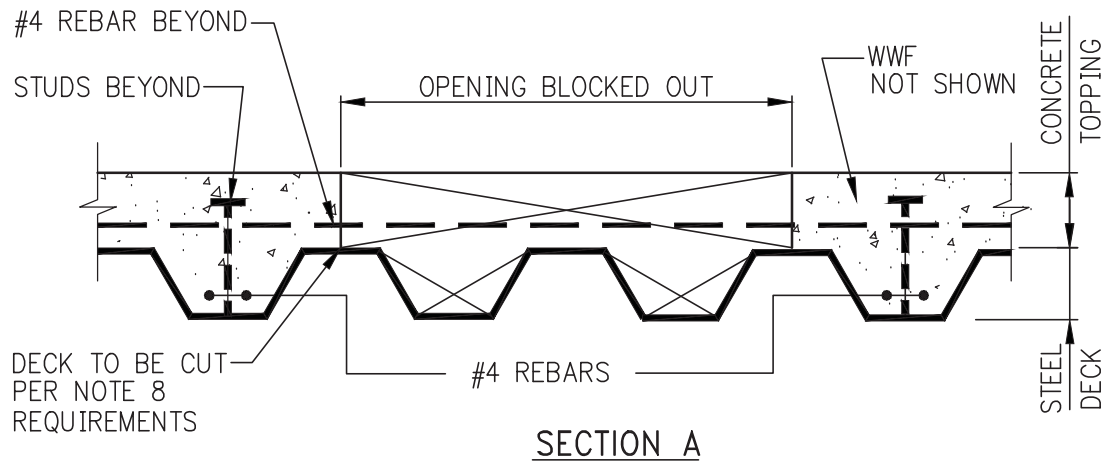
DECK SUPPORT AT PERIMETER



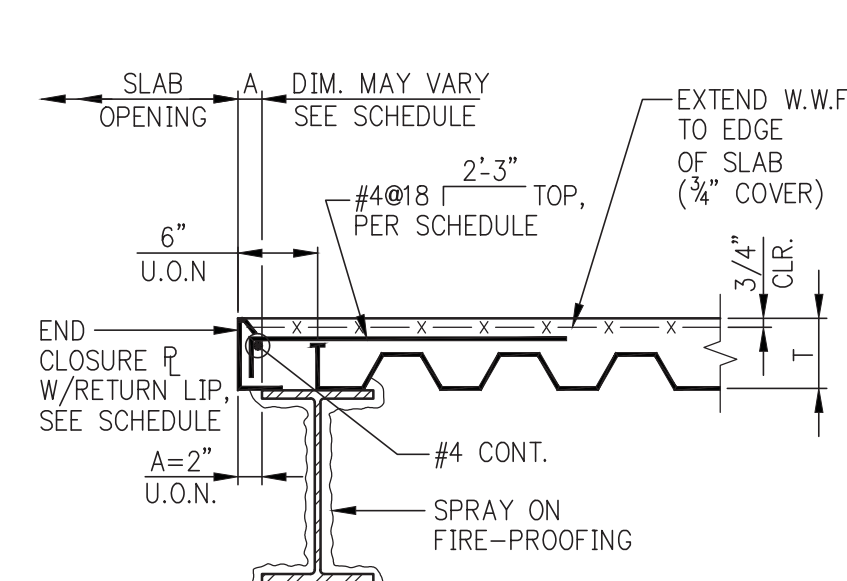
OPENING IN COMPOSITE SLAB

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

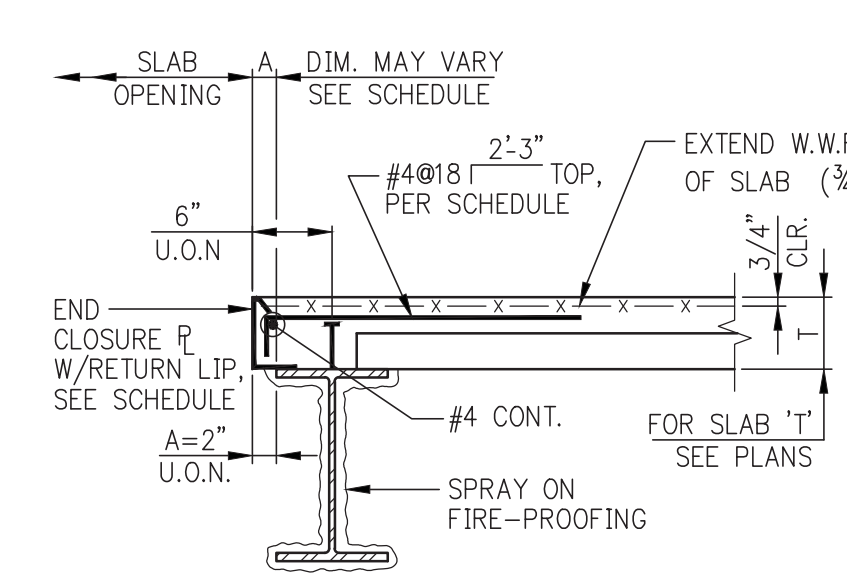
- NOTES:
- OPENINGS WHICH ARE DETERMINED BY THE CONTRACTOR TO BE REQUIRED BY JOB CONDITIONS, BUT WHICH ARE NOT SHOWN ON THE STRUCTURAL DRAWINGS, SHALL BE SUBMITTED TO THE ARCHITECT AND STRUCTURAL ENGINEER FOR REVIEW AND APPROVAL.
 - BLOCK OUT OPENING ON TOP OF DECK AND RIBS.
 - DECK IS NOT TO BE CUT WHEN OPENINGS ARE BLOCKED OUT.
 - PLACE REINFORCING BARS IN CONTINUOUS RIBS IMMEDIATELY ADJACENT TO OPENING AND IN TOPPING SLAB PERPENDICULAR TO RIBS.
 - WHEN RIBS ARE SPACED AT 12" OR 8" ON CENTER, REINFORCING REQUIRED = 2-#4 FOR EACH RIB PARTIALLY OR FULLY CUT. PLACE ONE HALF OF REBARS ON EACH SIDE OF OPENING, 2 BARS MAXIMUM PER RIB.
 - WHEN RIBS ARE SPACED AT 6" ON CENTER, REINFORCING REQUIRED = 1-#4 (MINIMUM) FOR EACH RIB PARTIALLY OR FULLY CUT. ADD 1-#4 IF AN ODD NUMBER OF RIBS IS CUT, PLACE ONE HALF OF REBARS ON EACH SIDE OF OPENING, ONE BAR PER RIB.
 - PROVIDE ADEQUATE CHAIRS AND SPACERS TO HOLD REBAR SECURELY IN PLACE DURING PLACEMENT OF CONCRETE.
 - AFTER CONCRETE HAS BEEN PLACED AND HAS ATTAINED AT LEAST 70 PERCENT OF ITS DESIGN STRENGTH, THE BLOCKOUTS MAY BE REMOVED AND THE STEEL DECK MAY BE BURNED OUT AT THE EDGES OF THE OPENING.
 - FOR HOLES UP TO 6" DIAMETER OR 6"x6", REINFORCING WILL NOT BE REQUIRED.



SECTION A



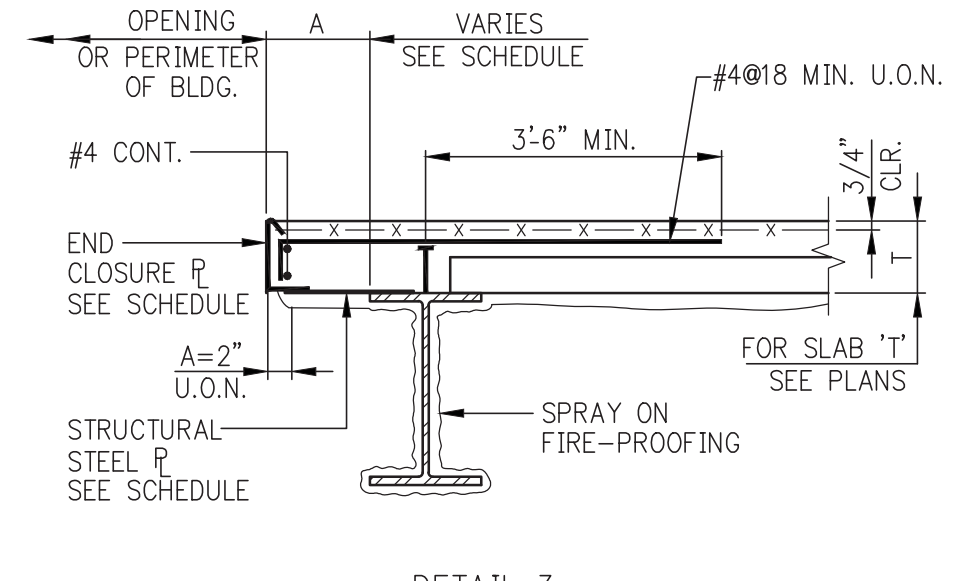
DETAIL 1



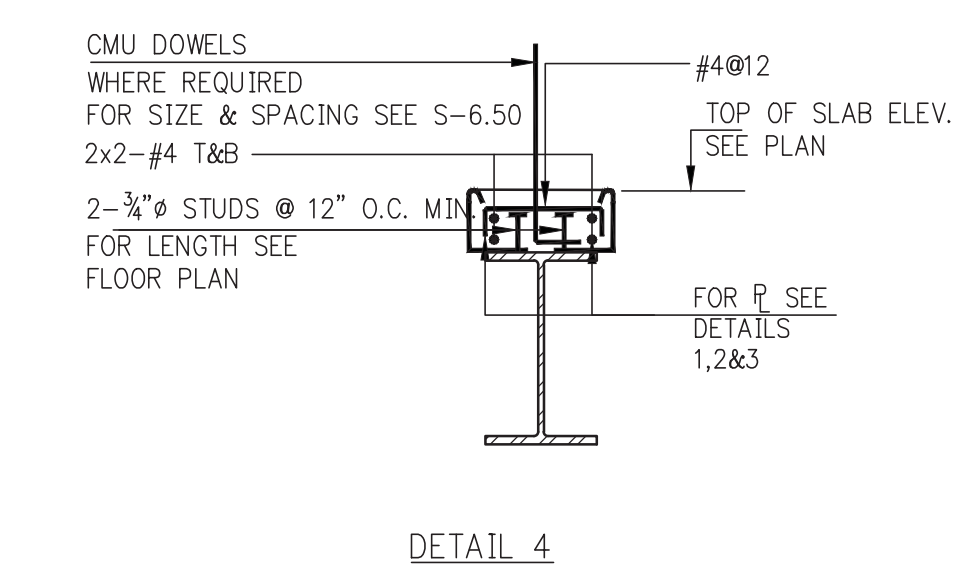
DETAIL 2

TYPICAL DETAILS OF SLAB EDGE AT OPENING

- NOTES:
- CLOSURE TO BEAR 2" ON FLANGE OF BEAM
 - WELD CLOSURE TO TOP FLANGE PER MANUFACTURER'S RECOMMENDATIONS.
 - PROVIDE RETURN LIP AT ALL VERTICAL LEGS, 1" FOR 10 GAGE, 3/4" FOR 12 GAGE, 1/2" FOR 14 GAGE.
 - IF 'A' EXCEEDS DIMENSIONS SHOWN ABOVE, REINFORCE POUR STOP WITH STIFFENERS OR SHORE UP THE EDGE OF SLAB DURING POUR.

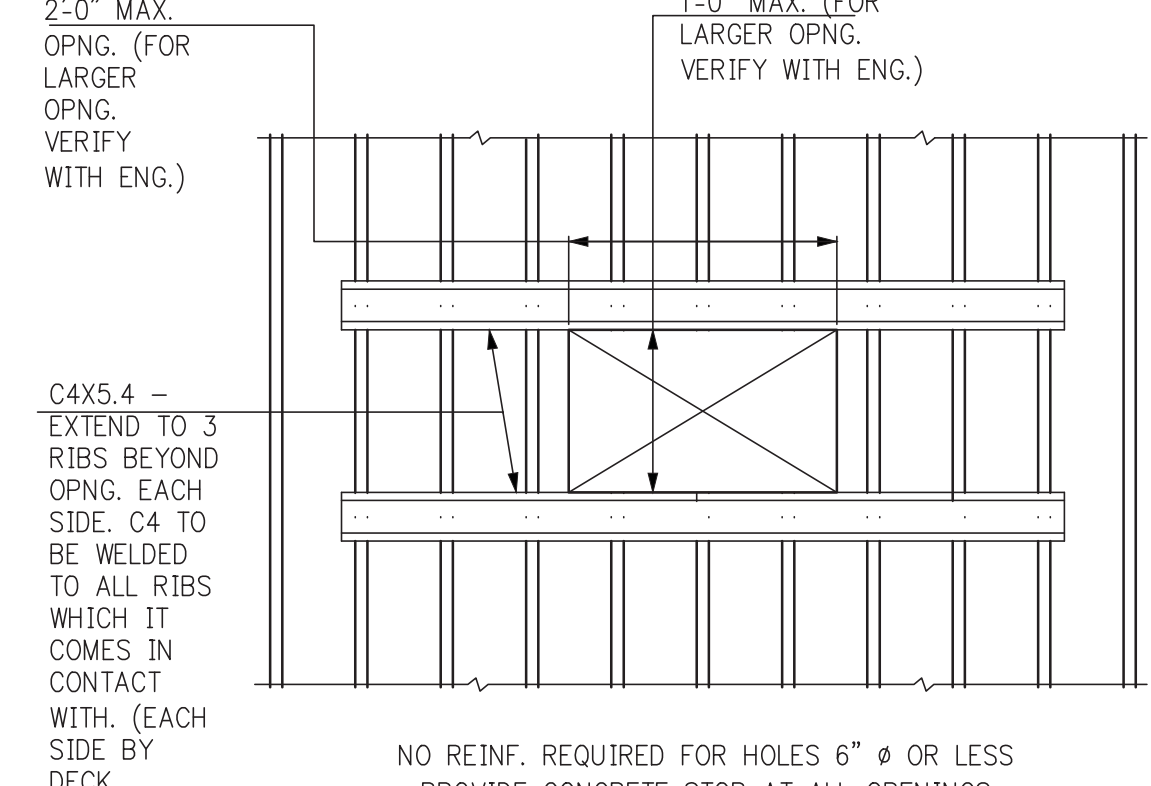


DETAIL 3



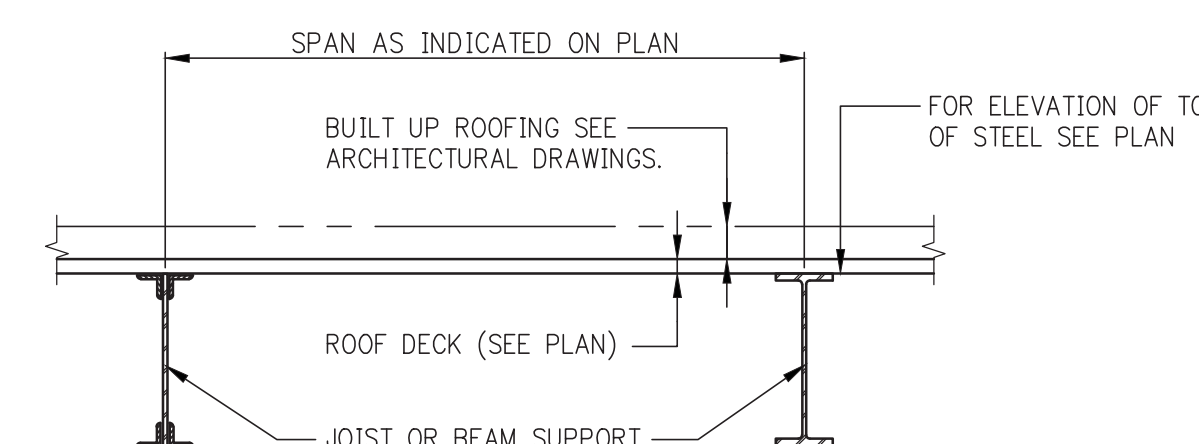
DETAIL 4

END CLOSURE PLATE SCHEDULE			
T= UP TO AND INCLUDING 6"	T= OVER 7 1/4", UP TO AND INCLUDING 9"	T= OVER 9", UP TO AND INCLUDING 13"	
A	A	A	GAGE OF PLATE
UP TO 4"	UP TO 3"	UP TO 2"	10
OVER 4" TO 8"	OVER 3" TO 6"	2" TO 6"	3/4" P
OVER 8" TO 10"	OVER 7" TO 12"	6" TO 10"	1/2" P
10" TO 14"	3/16"	OVER 12" TO 15"	1/4" THICK P
14" TO 18"	1/4"		

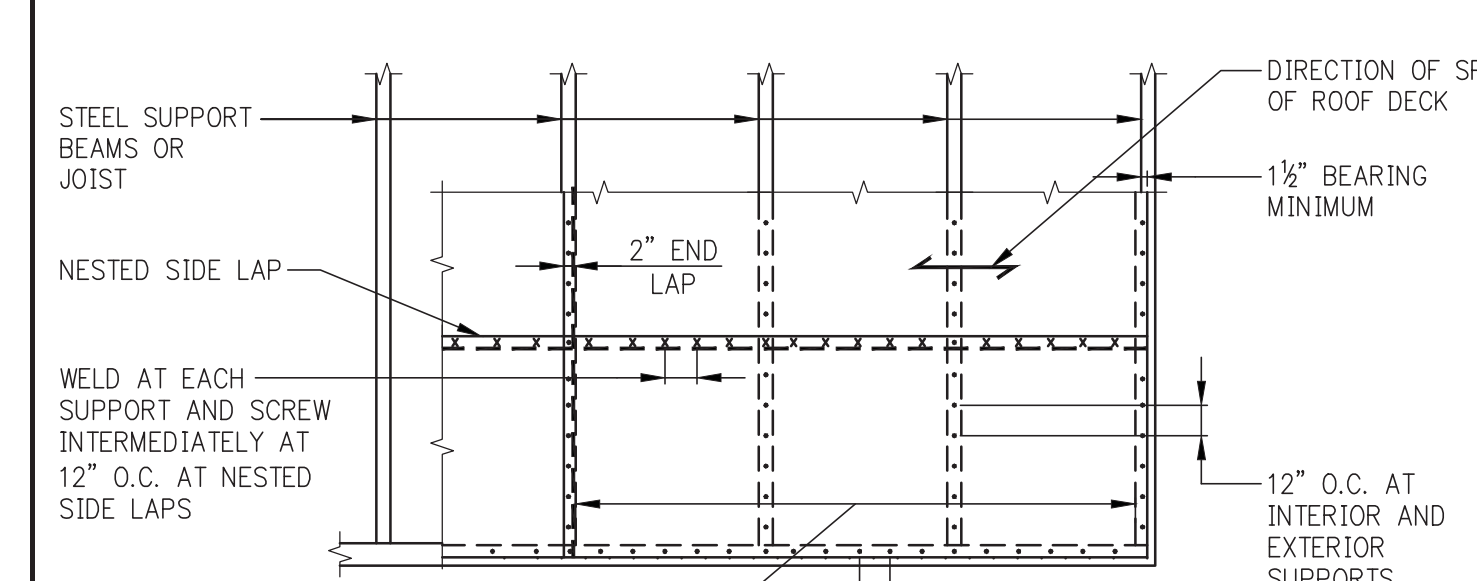


TYPICAL FLOOR DETAILS AT OPENINGS

- NOTES:
- FOR OPENING SIZE & LOC. SEE ARCH. & MEP DWGS.
 - SPACING BETWEEN FLOOR OPENINGS SHOWN TO BE 3'-0" MIN. U.O.N.



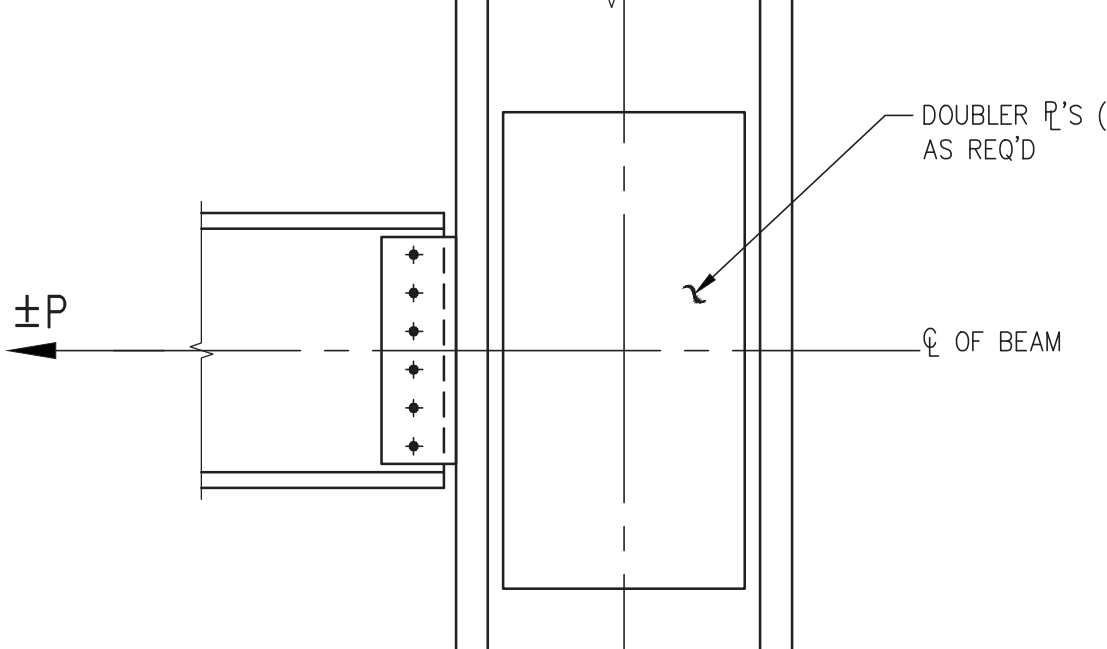
ROOF DECK CONSTRUCTION



ROOF DECK ATTACHMENT

(ROOF DECK DIAPHRAGM)

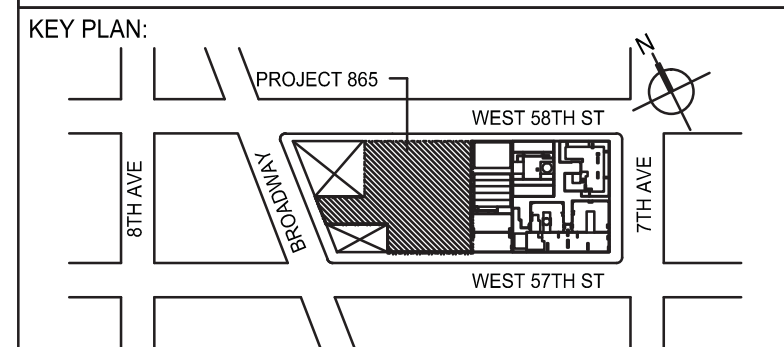
- LEGEND:
- x INDICATES #12 SELF-DRILLING SHEET METAL SCREW. (AS AN ALTERNATIVE 1" LONG FILLET WELDS MAY BE USED)
 - INDICATES 3/8" DIAMETER PUDDLE WELD. WELDS TO PENETRATE ALL LAYERS OF DECK AT LAPS AND SHALL HAVE GOOD FUSION TO SUPPORTS. (ALTERNATIVELY, EQUIVALENT POWER ACTIVATED FASTENERS MAY BE SUBMITTED FOR APPROVAL BY THE ENGINEER)



TYPICAL BEAM TO COLUMN CONNECTION

- NOTES:
- ALL BEAMS TO COLUMN CONNECTIONS SHALL BE DESIGNED TO TRANSFER AN AXIAL FORCE (TENSION OR COMPRESSION) OF NOT LESS THAN SHOWN IN THE TABLE BELOW U.O.N. ON THE DRAWINGS. THIS AXIAL FORCE IS IN ADDITION TO ANY OTHER LOAD NOTED ON THE DRAWINGS.
 - USE MAXIMUM AXIAL LOAD BETWEEN TABLE BELOW AND AXIAL LOAD INDICATED ON FLOOR FRAMING AND NOTES.
 - AXIAL FORCE DESCRIBED IN NOTE #1 TO BE DEVELOPED THROUGH THE BEAM WEB, CENTERED ON BEAM DEPTH (NO ECCENTRICITY).
 - ALL FORCES SHOWN IN THE TABLE BELOW ARE FACTORED.
 - DETAIL IS APPLICABLE AT ALL COLUMNS & POSTS INCLUDING ERECTION COLUMNS.

FLOOR LEVEL	GRIDLINE	AXIAL LOAD (KIP)
CONCRETE ENCASED	LINE 3	700
CONCRETE ENCASED	LINE 2, 4, 5	400
NOT ENCASED	ALL	75
BM-12TH	ALL	75



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CHICAGO IL 60603
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238 Fifth Ave, 7th Floor
New York, NY 10001
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39 West 37th Street, 12A
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No.	DESCRIPTION	DATE
1	SCHEMATIC DESIGN	03-31-2014
2	ISSUED FOR SCHEMATIC DESIGN	04-04-2014
3	STEEL BID PACKAGE	05-22-2014
4	SUPERSTRUCTURE CONCRETE BID	06-02-2014
5	DESIGN DEVELOPMENT	07-01-2014
6	ISSUED FOR DESIGN DEVELOPMENT	07-31-2014
7	SE ZONE STEEL BID	08-20-2014
8	STRUCTURAL STEEL BID	08-20-2014
9	CD PROGRESS ISSUE 1	10-15-2014
10	ISSUED FOR CONSTRUCTION	10-17-2014
11	DOB SUBMISSION	12-19-2014
12	CD PROGRESS ISSUE 2	12-19-2014
13	DOB SUBMISSION	02-05-2015
14	CONSTRUCTION DOCUMENTS ISSUE 3	03-09-2015
15	CD PROGRESS ISSUE 5	08-10-2015
16	DOB AMENDMENT 2	09-16-2015

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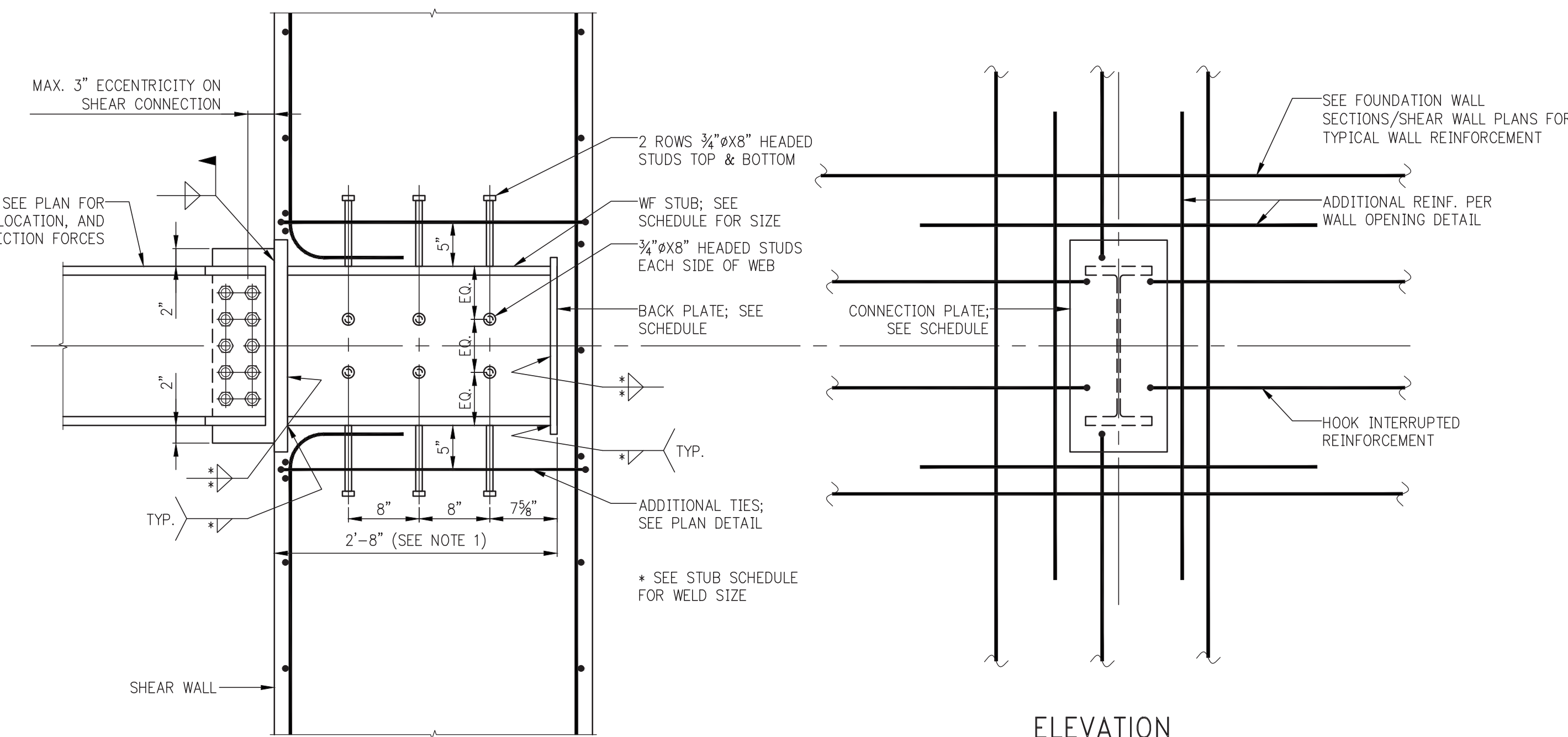
CONSULTANT: **WSP**
228 East 45th Street
New York, NY 10017
(212) 687-8888
www.wspgroup.com/usa

PROJECT: **217 WEST 57TH STREET**
NEW YORK, NY

DRAWING TITLE: **TYPICAL SUPERSTRUCTURE STEEL DETAILS 3**

DATE: 03-31-14
PROJECT NO: 2012165
DRAWN: CADDO
CHK: Y.E.
SCALE: AS INDICATED
DWG No: **S-602.01**
DOB PAGE No: 137 OF 158
DOB 8-CAN:

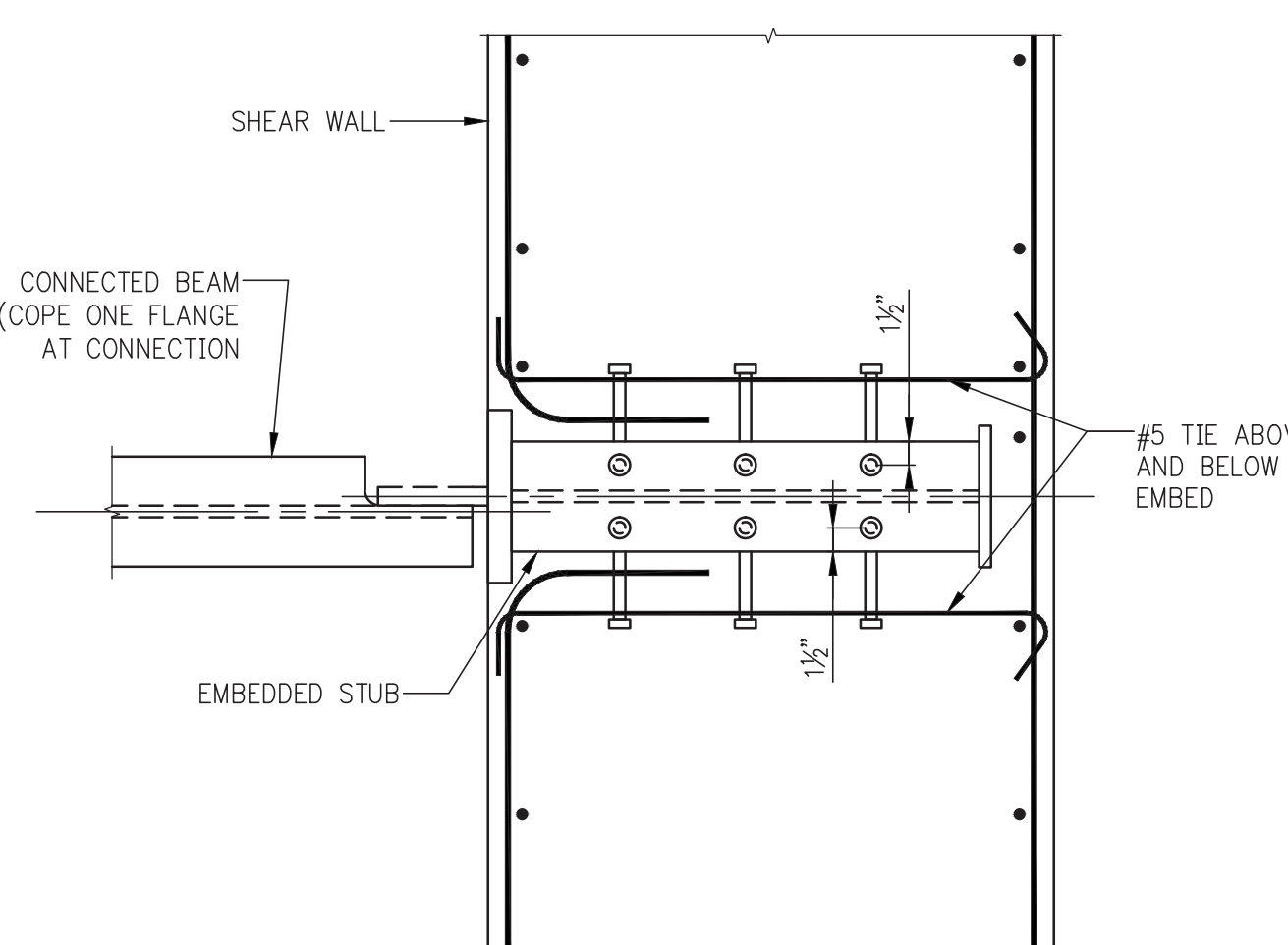
DOB EMPLOYEE ID:



ELEVATION

CONNECTION BEAM	SECT SECTION	WELD (in)	CONNECTION PLACE p × b × h (in)	BACK PLACE p × b × h (in)
W12x19	W12x45	$\frac{1}{4}$	$\frac{3}{8}$ × 14 × 20	$\frac{3}{8}$ × 11 × 15
W12x40				
W14x22	W14x22	$\frac{1}{4}$	$\frac{3}{8}$ × 10 × 20	$\frac{3}{8}$ × 10 × 16
W14x43	W14x43	$\frac{1}{4}$	$\frac{3}{8}$ × 12 × 20	$\frac{3}{8}$ × 10 × 16
W14x49				
W14x120	W14x120	$\frac{1}{2}$	1 × 20 × 22	$\frac{3}{8}$ × 17 × 17
W14x500	W14x500	$1\frac{1}{2}$	$\frac{3}{8}$ × 22 × 28	$2\frac{1}{4}$ × 19 × 22
W14x550	W14x550	1#	4 × 22 × 28	$2\frac{1}{2}$ × 20 × 22
W16x58				
W16x45	W16x45	$\frac{1}{4}$	$\frac{3}{8}$ × 12 × 24	$\frac{3}{8}$ × 10 × 19
W16x40				
W18x35	W18x40	$\frac{1}{4}$	$\frac{3}{8}$ × 12 × 24	$\frac{3}{8}$ × 10 × 20
W18x40				
W18x71				
W18x86	W18x86	$\frac{3}{8}$	1 × 16 × 26	$\frac{3}{8}$ × 14 × 21
W18x76				
W18x97				
W18x106	W18x106	$\frac{1}{2}$	1 × 16 × 26	$\frac{3}{8}$ × 14 × 21
W18x106				
W18x109	W18x109	$\frac{1}{2}$	$\frac{1}{4}$ × 16 × 26	$\frac{3}{8}$ × 14 × 21
W18x130	W18x130	$\frac{1}{2}$	$\frac{1}{4}$ × 16 × 26	$\frac{3}{8}$ × 14 × 22
W18x158	W18x158	$\frac{1}{2}$	$\frac{1}{4}$ × 16 × 26	1 × 14 × 22
W18x175	W18x175	$\frac{1}{2}$	$\frac{1}{4}$ × 16 × 26	1 × 14 × 22
W18x192	W18x192	$\frac{1}{2}$	$\frac{1}{4}$ × 16 × 28	1 × 14 × 23
W18x211	W18x211	$\frac{1}{2}$	2 × 16 × 28	$\frac{1}{4}$ × 14 × 23
W18x258	W18x258	$\frac{1}{2}$	$\frac{1}{4}$ × 16 × 28	$\frac{1}{4}$ × 14 × 24
W18x258	W18x258	$\frac{1}{2}$	$\frac{1}{4}$ × 16 × 28	$\frac{1}{4}$ × 14 × 24
W21x44				
W21x50	W21x62	$\frac{1}{2}$	$\frac{3}{8}$ × 14 × 28	$\frac{3}{8}$ × 11 × 23
W21x62				
W21x62				
W21x65				
W21x65				
W21x67				
W21x68	W21x84	$\frac{1}{2}$	1 × 14 × 32	$\frac{3}{8}$ × 12 × 27
W21x76				
W24x58				
W24x67	W24x67	$\frac{1}{2}$	$\frac{1}{4}$ × 18 × 32	$\frac{3}{8}$ × 15 × 22
W24x67	W24x67	$\frac{1}{2}$	$\frac{1}{4}$ × 18 × 32	$\frac{3}{8}$ × 15 × 27
W24x162	W24x162	$\frac{1}{2}$	$\frac{1}{4}$ × 18 × 32	$\frac{3}{8}$ × 15 × 27
W24x335	W24x335	$\frac{1}{2}$	$\frac{1}{4}$ × 22 × 44	$\frac{1}{4}$ × 19 × 40
W24x335				
W27x84	W27x84	$\frac{1}{2}$	$\frac{1}{4}$ × 14 × 34	$\frac{3}{8}$ × 12 × 29
W27x103	W27x103	$\frac{1}{2}$	$\frac{1}{4}$ × 16 × 36	$\frac{3}{8}$ × 14 × 34
W30x90	W30x90	$\frac{1}{2}$	$\frac{3}{8}$ × 16 × 36	$\frac{1}{2}$ × 13 × 32
W30x99	W30x99	$\frac{1}{2}$	$\frac{3}{8}$ × 16 × 36	$\frac{1}{2}$ × 13 × 32
W30x108	W30x108	$\frac{1}{2}$	$\frac{3}{8}$ × 16 × 36	$\frac{1}{2}$ × 13 × 32
W30x132	W30x131	$\frac{1}{2}$	$\frac{1}{2}$ × 20 × 38	$\frac{1}{2}$ × 17 × 33
W30x146	W30x146	$\frac{1}{2}$	$\frac{1}{4}$ × 16 × 38	$\frac{3}{8}$ × 13 × 35
W30x159	W30x159	$\frac{1}{2}$	$\frac{1}{4}$ × 16 × 38	$\frac{3}{8}$ × 14 × 34
W31x118	W31x118	$\frac{1}{2}$	$\frac{3}{8}$ × 16 × 40	$\frac{3}{8}$ × 14 × 35
W31x263	W31x263	$\frac{1}{2}$	$\frac{1}{2}$ × 20 × 42	1 × 18 × 37
W31x263				
W36x135	W36x135	$\frac{1}{2}$	2 × 22 × 44	$\frac{1}{4}$ × 19 × 40
W36x150	W36x150	$\frac{1}{2}$	$\frac{1}{4}$ × 18 × 44	$\frac{3}{8}$ × 15 × 40
W36x160	W36x160	$\frac{1}{2}$	$\frac{1}{4}$ × 16 × 42	$\frac{3}{8}$ × 14 × 38
W36x170				
W36x182	W36x182	$\frac{1}{2}$	$\frac{1}{4}$ × 22 × 46	$\frac{1}{4}$ × 19 × 41
W36x194	W36x194	$\frac{1}{2}$	$\frac{1}{4}$ × 22 × 46	$\frac{1}{4}$ × 19 × 41
W36x210	W36x210	$\frac{1}{2}$	$\frac{1}{4}$ × 22 × 46	$\frac{1}{2}$ × 20 × 41
W36x233				

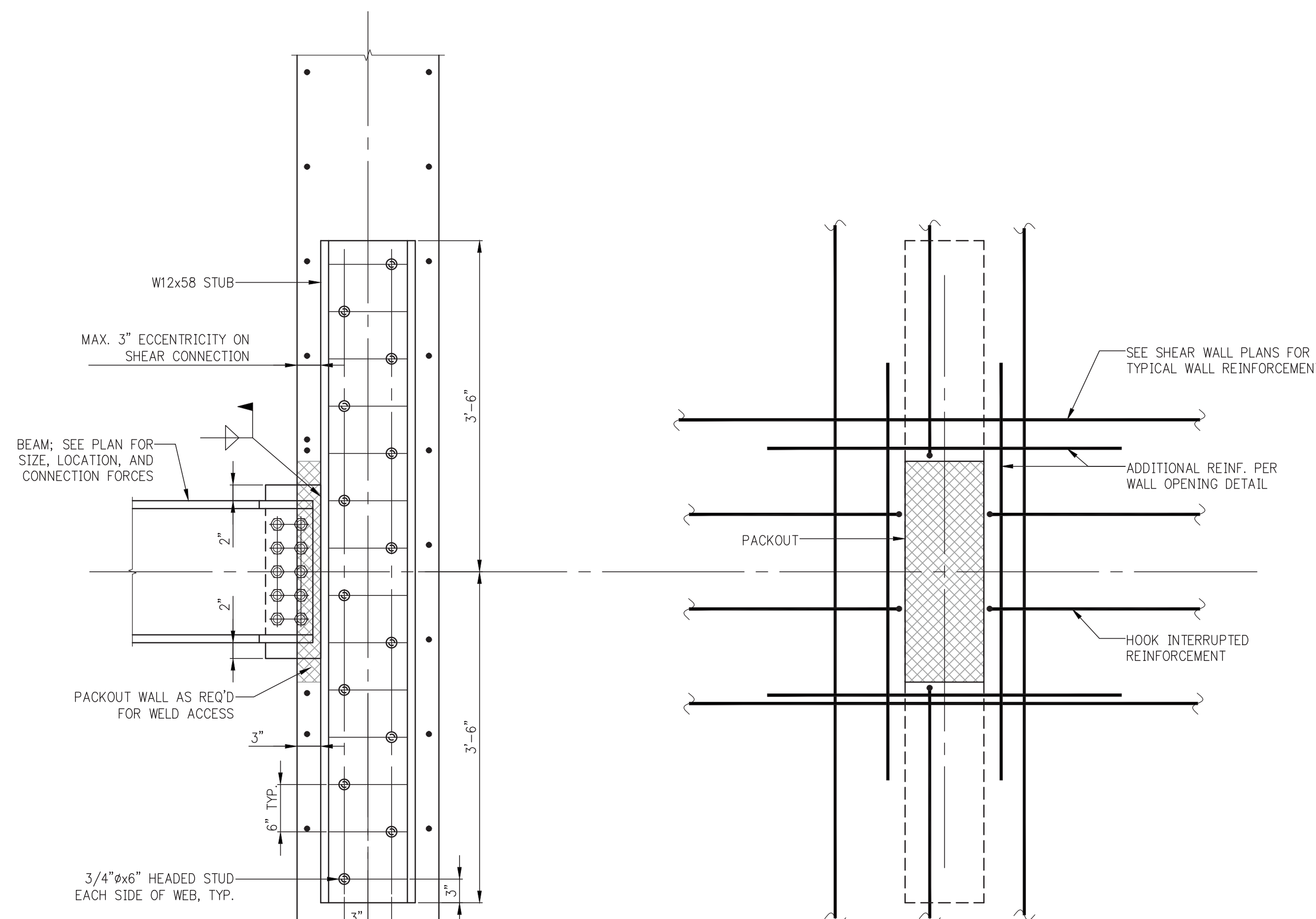
* = ALONG GRID L ** = ALONG GRID C
STUB SCHEDULE



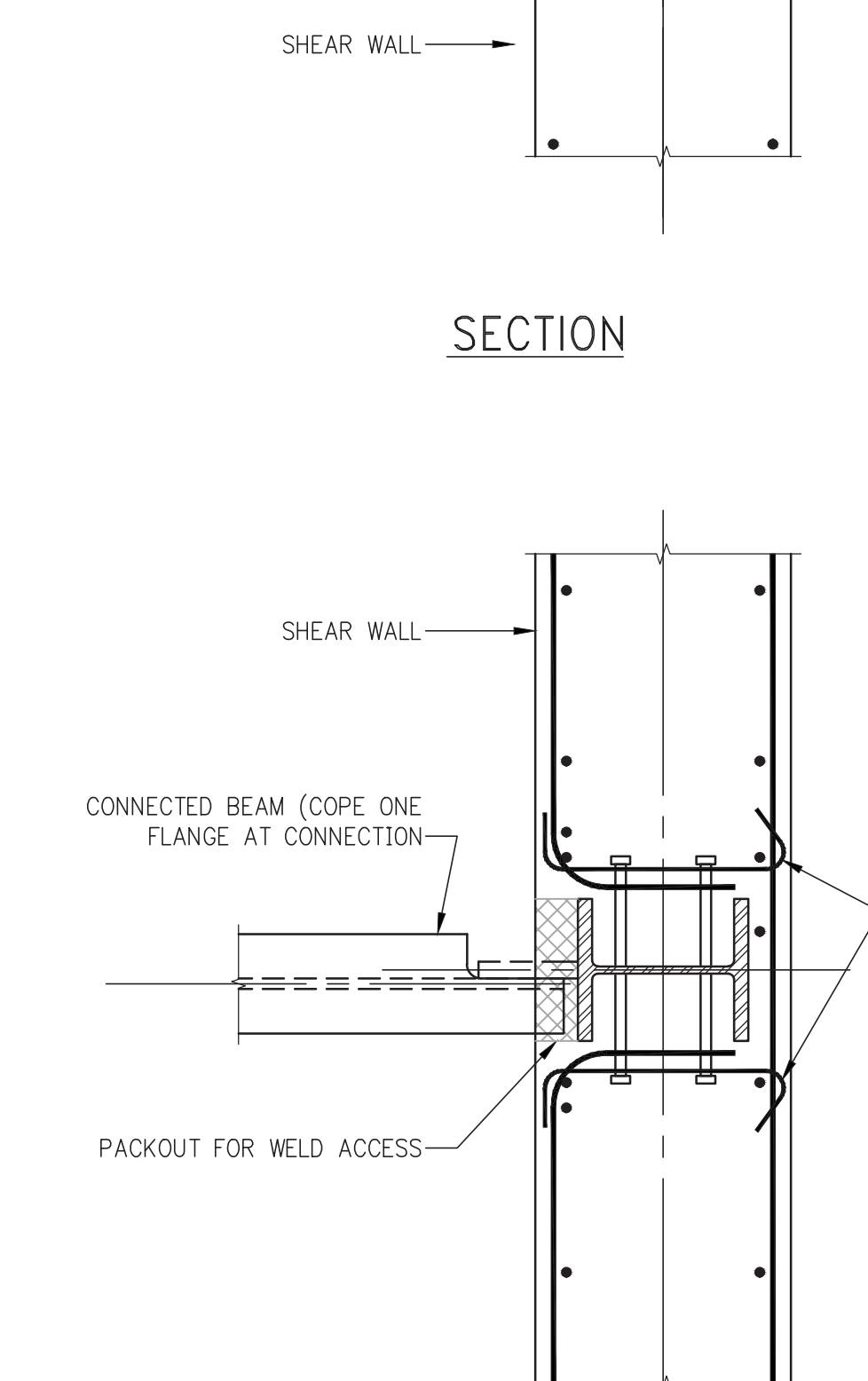
PLAN DETAIL

- NOTES:
1. WHERE WALL THICKNESS, t , IS LESS THAN 36" AND RETURN WALL ABSENT ON BACK FACE, REDUCE EMBEDMENT TO $t-4"$.
 2. FOR WELDS MARKED "*", SEE STUD SCHEDULE FOR SIZE.
 3. DETAIL IS NOT FOR USE AT MOMENT-CONNECTED BEAMS.

TYPICAL EMBEDDED PLATE ("EP") DETAIL (ALONG LINES C & L)

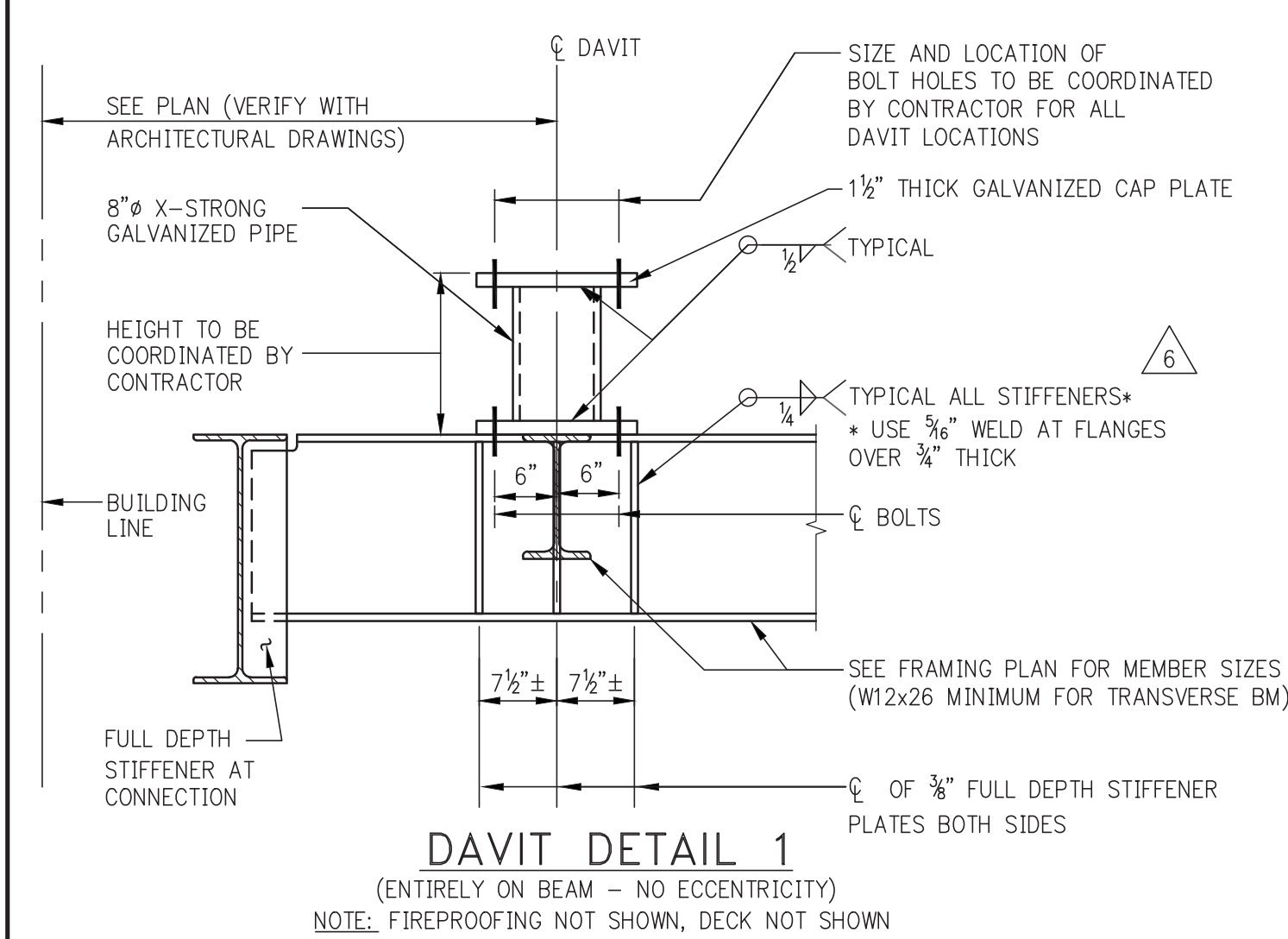


ELEVATION



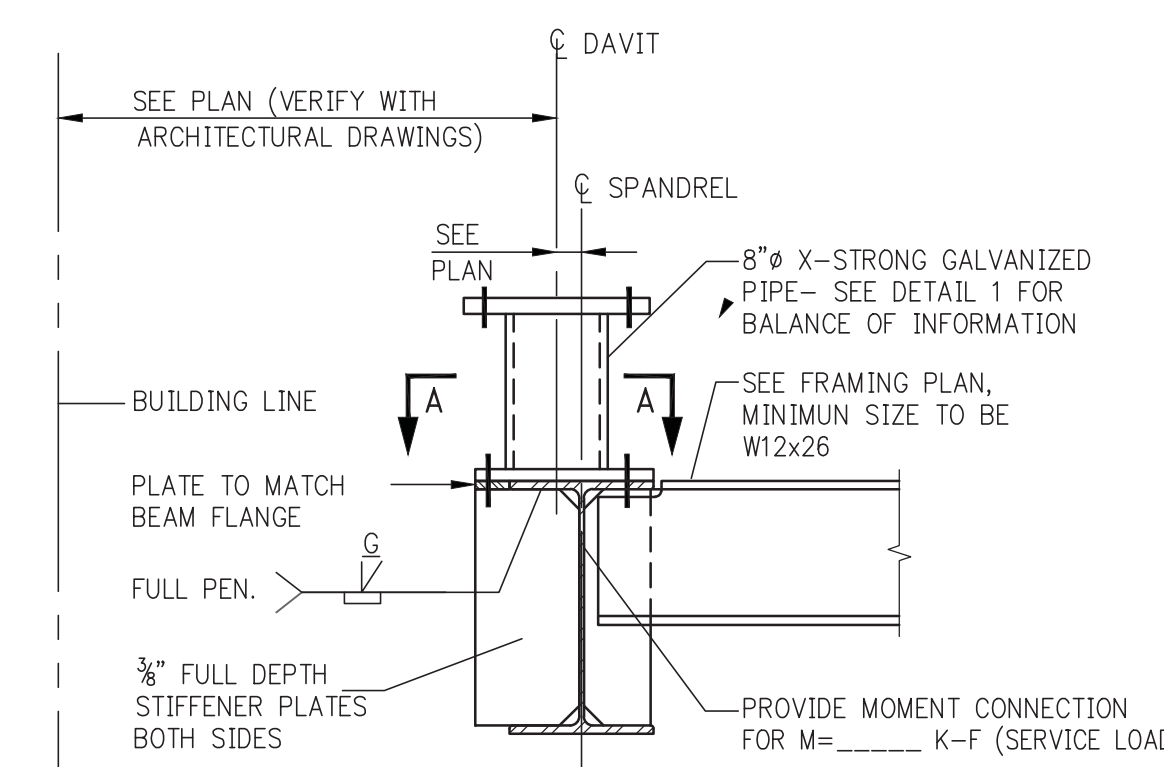
PLAN DETAIL

TYPICAL EXTENDED STUB ("ES") DETAIL
(VALID AT C/5, FLOORS 6, 7, 8, AND GROUND FLOOR LINE L)



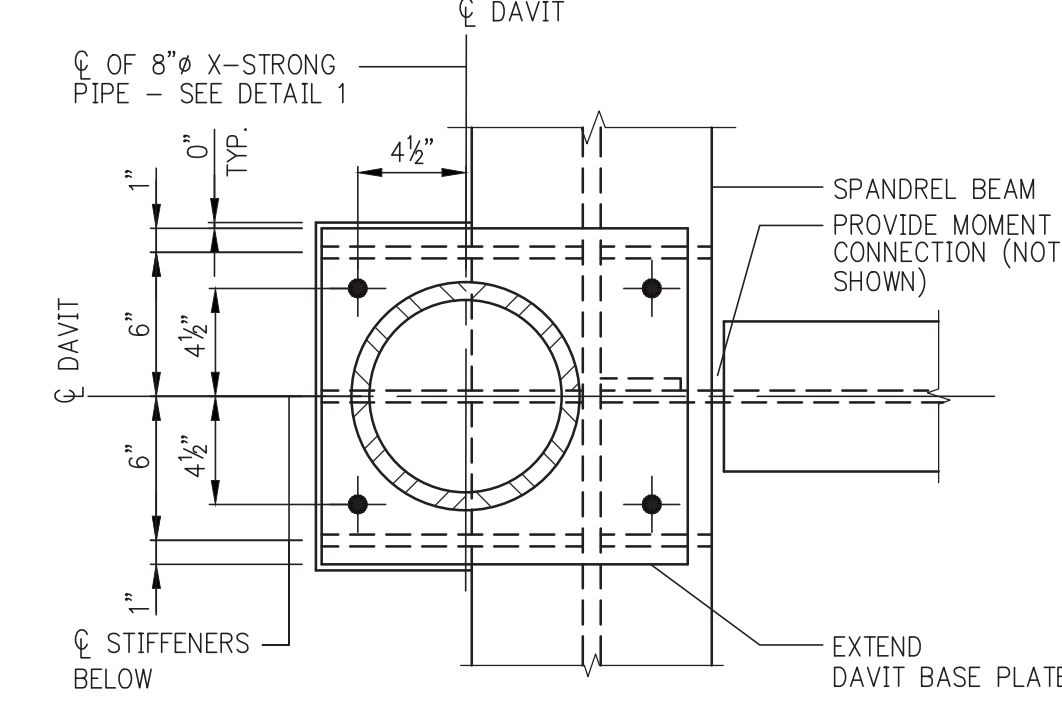
DAVIT DETAIL 1

(ENTIRELY ON BEAM - NO ECCENTRICITY)
NOTE: FIREPROOFING NOT SHOWN, DECK NOT SHOWN



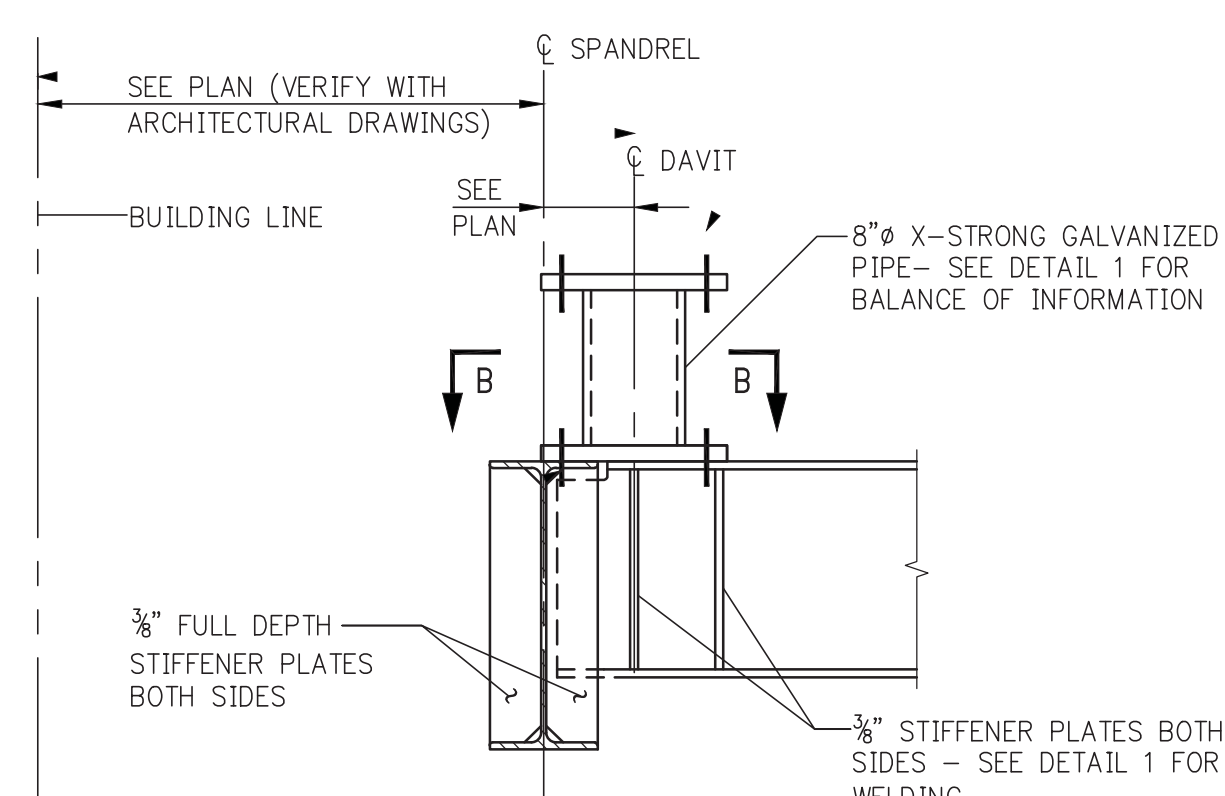
DAVIT DETAIL 2

(OUTBOARD OF CENTERLINE OF SPANDREL BEAM)

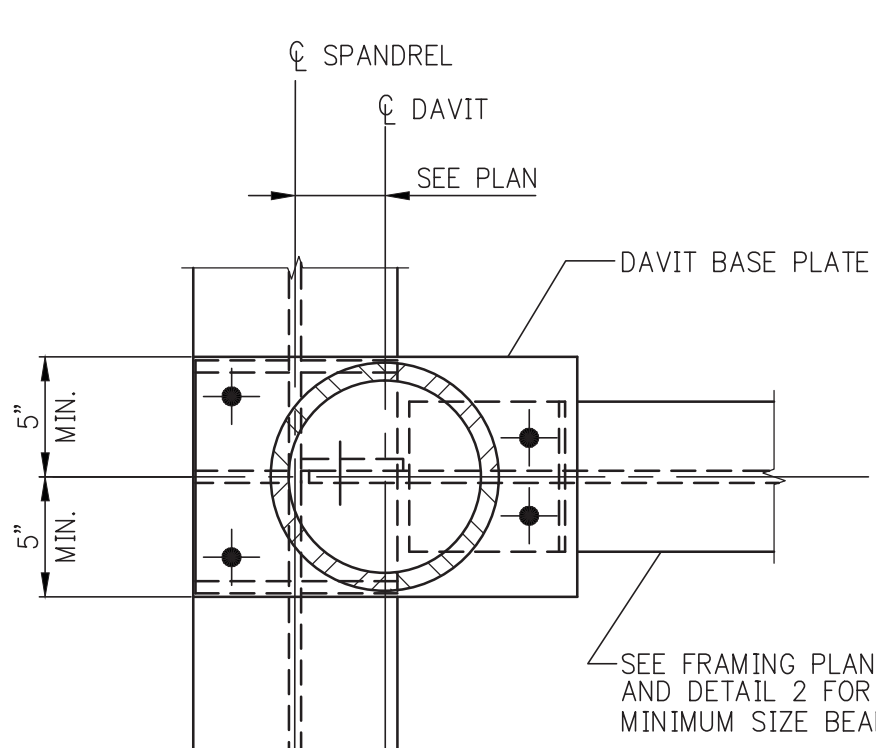


SECTION A

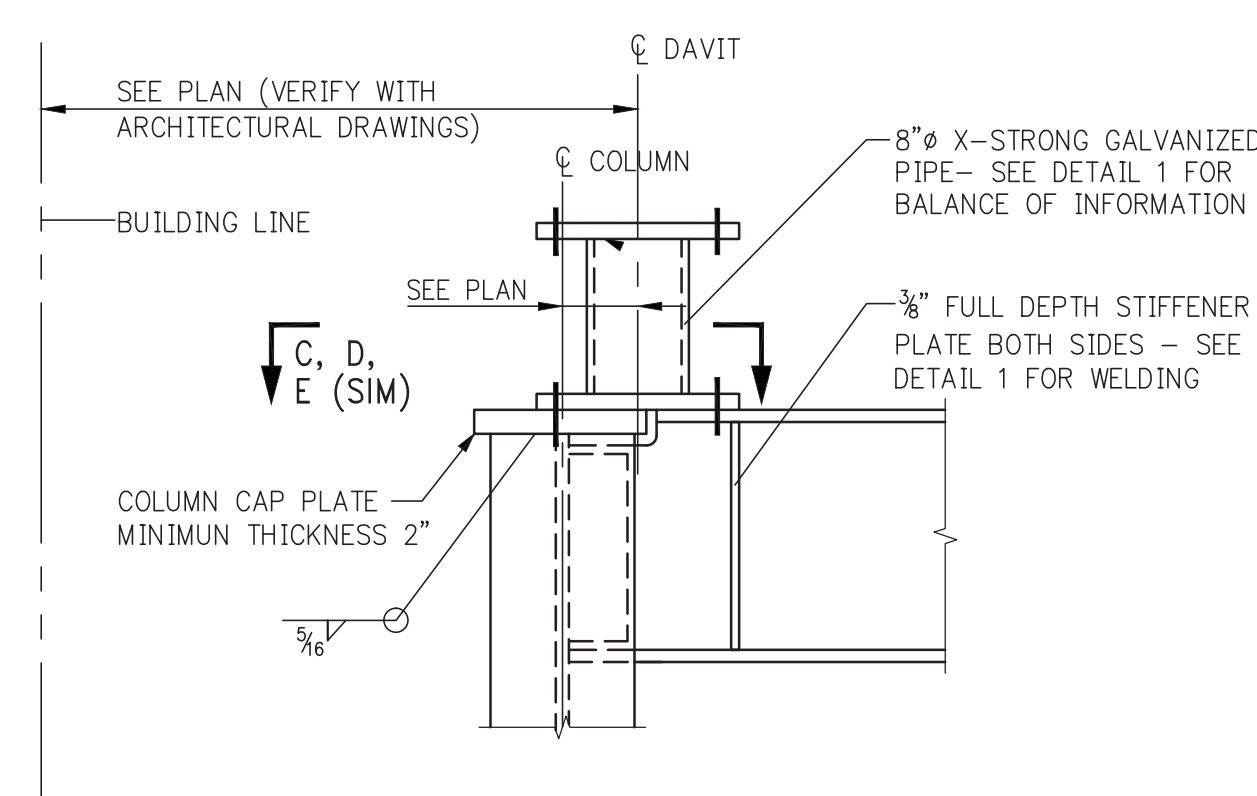
NOTE: ϕ DAVIT OUTBOARD OF ϕ OF SPANDR



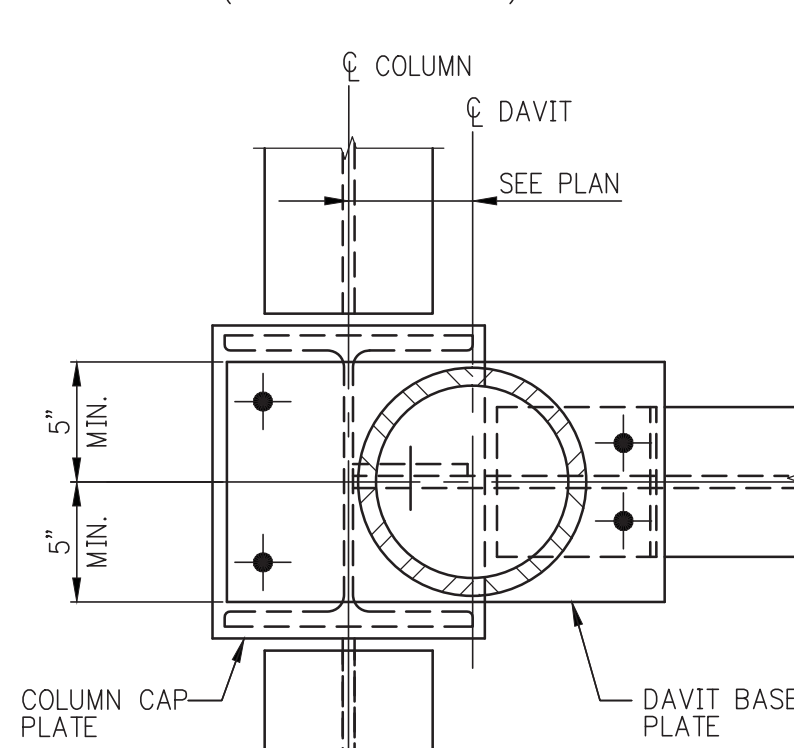
DAVIT DETAIL 3



SECTION B
IT INBOARD OF $\frac{1}{2}$ OF SPANDREL

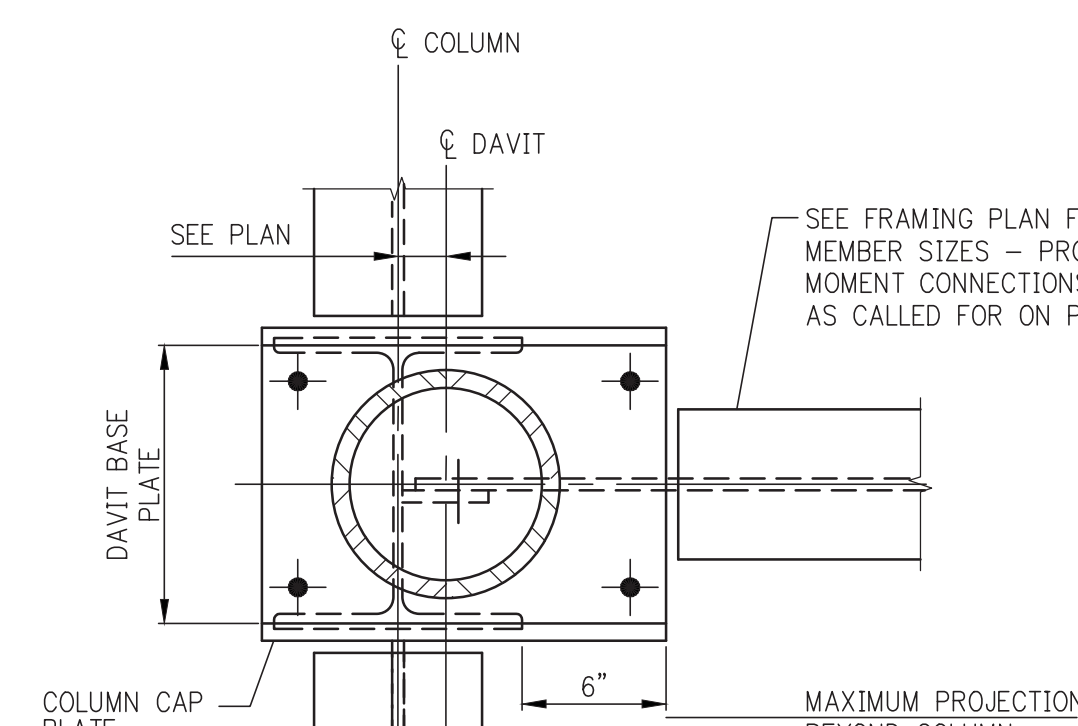


DAVIT DETAIL
(DAVIT OVER COLUMN)



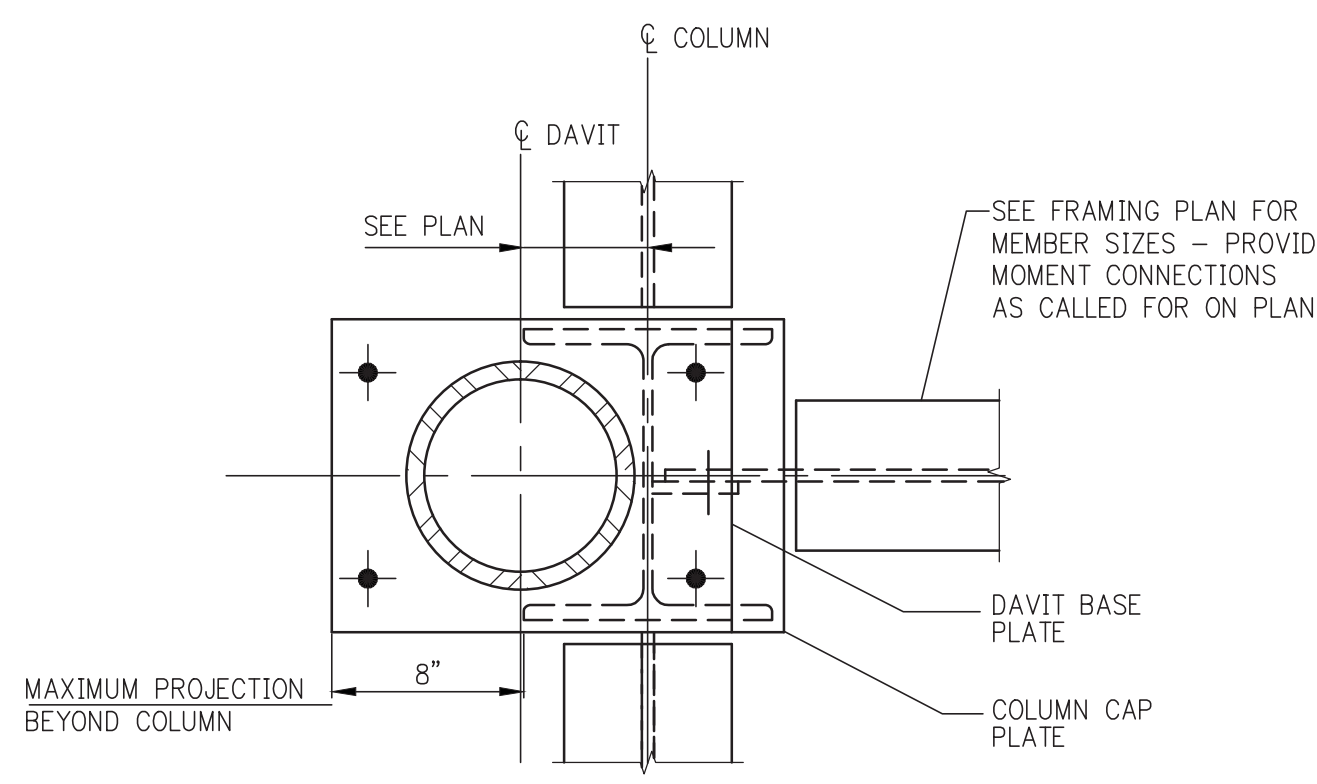
SECTION C

NOTE: § DAVIT INBOARD OF § COLUMN—LARGE ECCENTRICITY



SECTION D

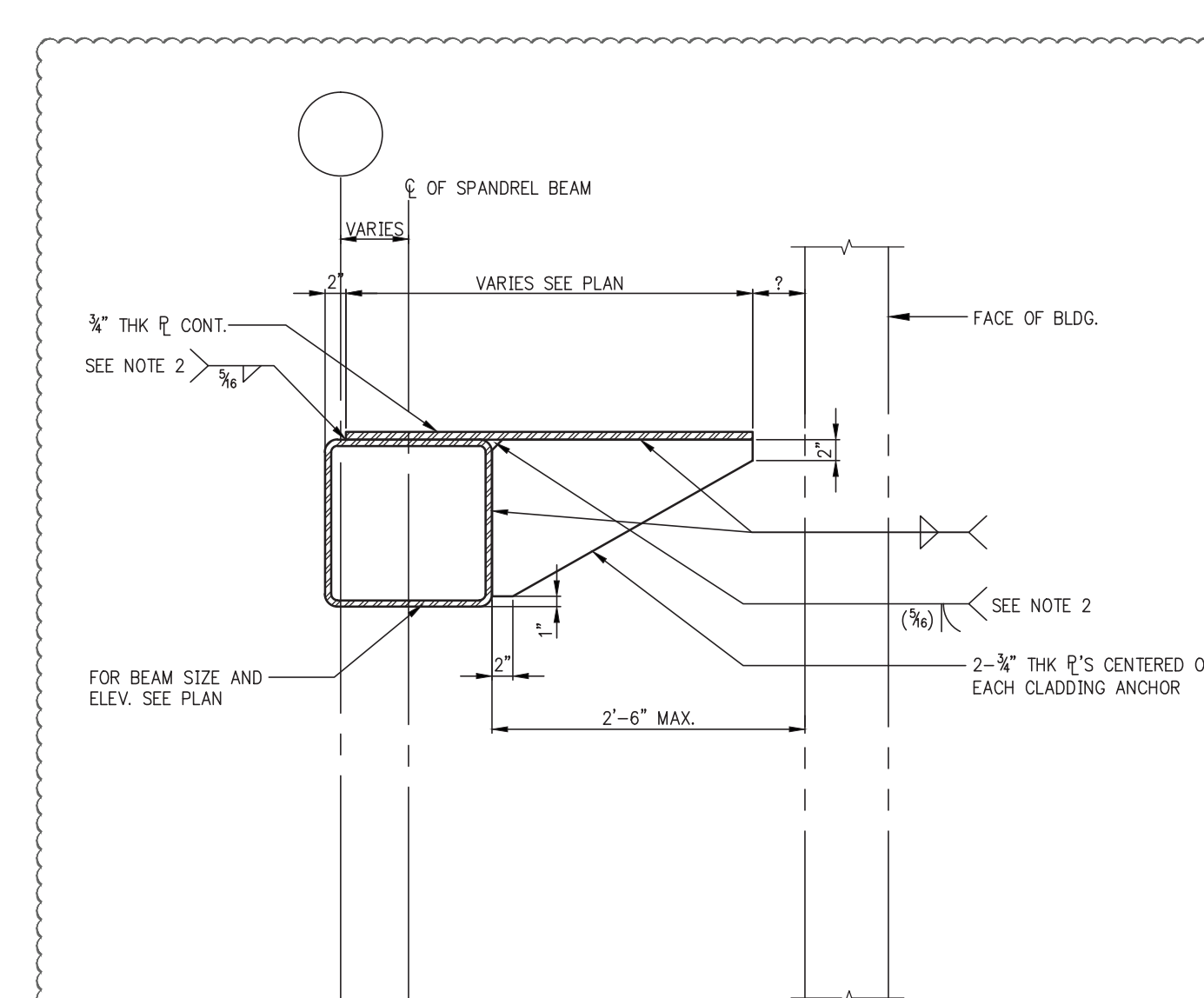
NOTE: \odot DAVIT INBOARD OF \odot COLUMN—SMALL ECCENTRICITY



SECTION E

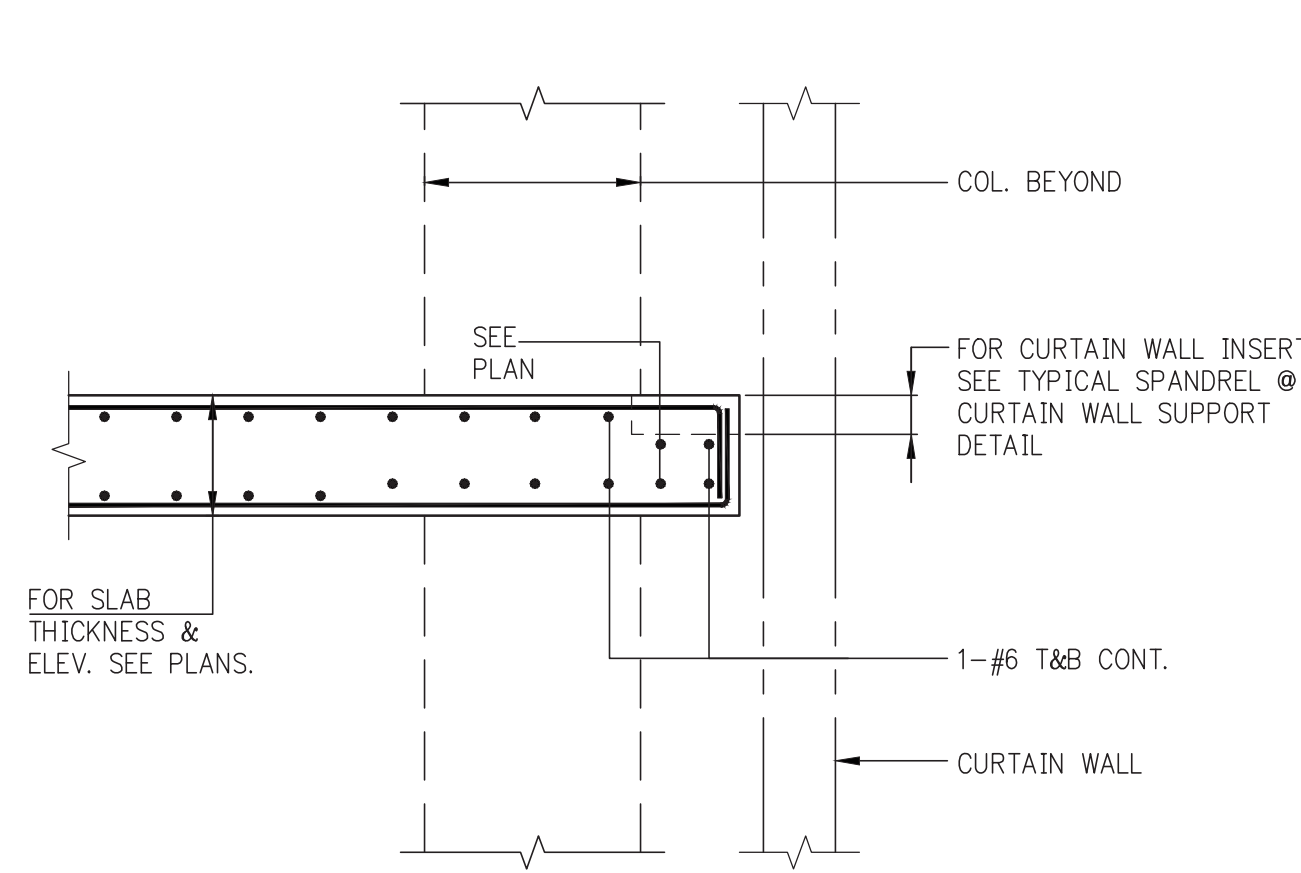
NOTE: Ⓒ DAVIT OUTBOARD OF Ⓒ COLUMN

DAVIT SECTIONS

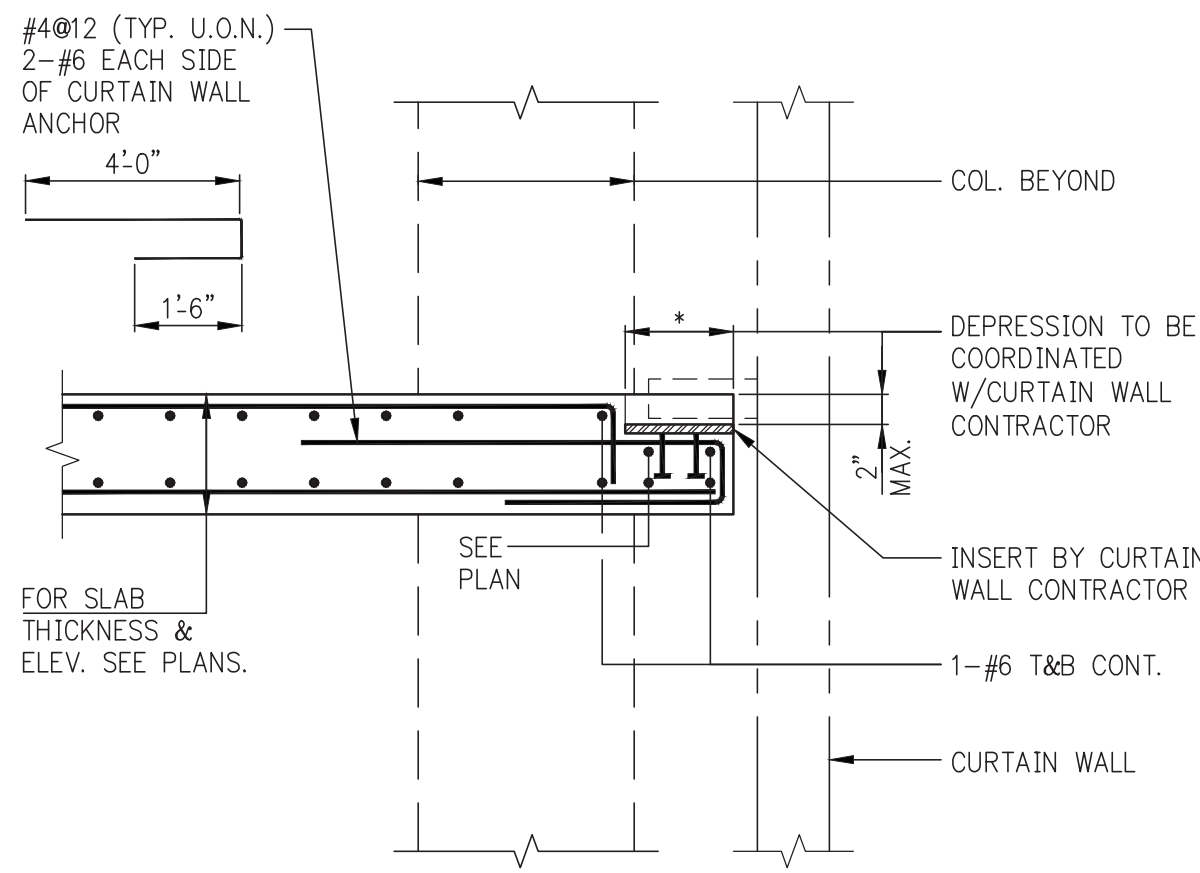


TYPICAL DETAIL AT SPANDREL BEAMS
SUPPORTING CLADDING (FL. 9TH–12TH)

- NOTES:
1. NO LOAD OTHER THAN FACADE LOAD SHALL BE IMPOSED ON THIS MEMBER AND ASSEMBLY.
 2. WHERE NOTED PROVIDE 12" CONT. EA. SIDE OF CLADDING ANCHORS BALANCE 3" @ 9"

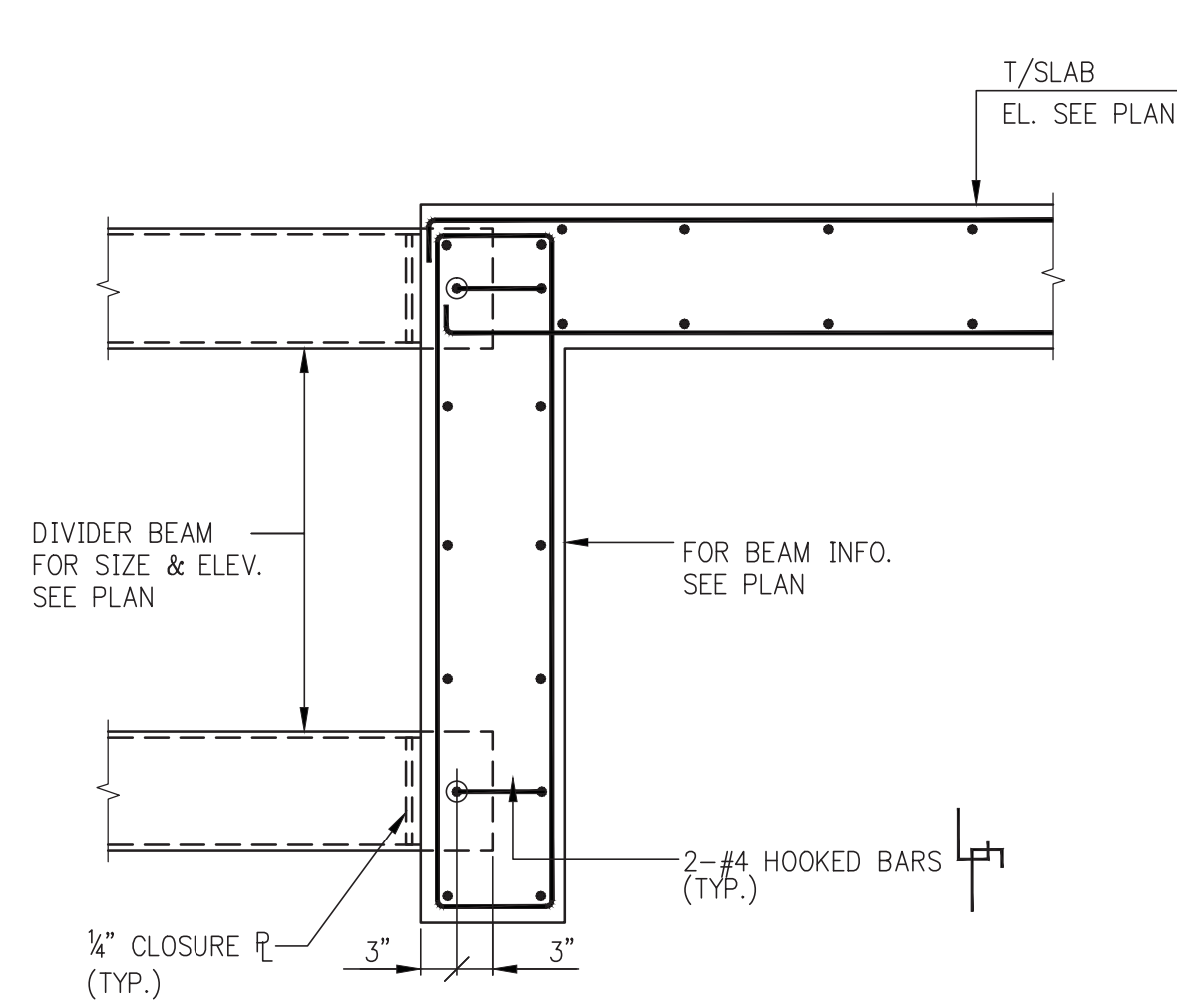


TYPICAL SPANDREL @ EDGE OF SLAB

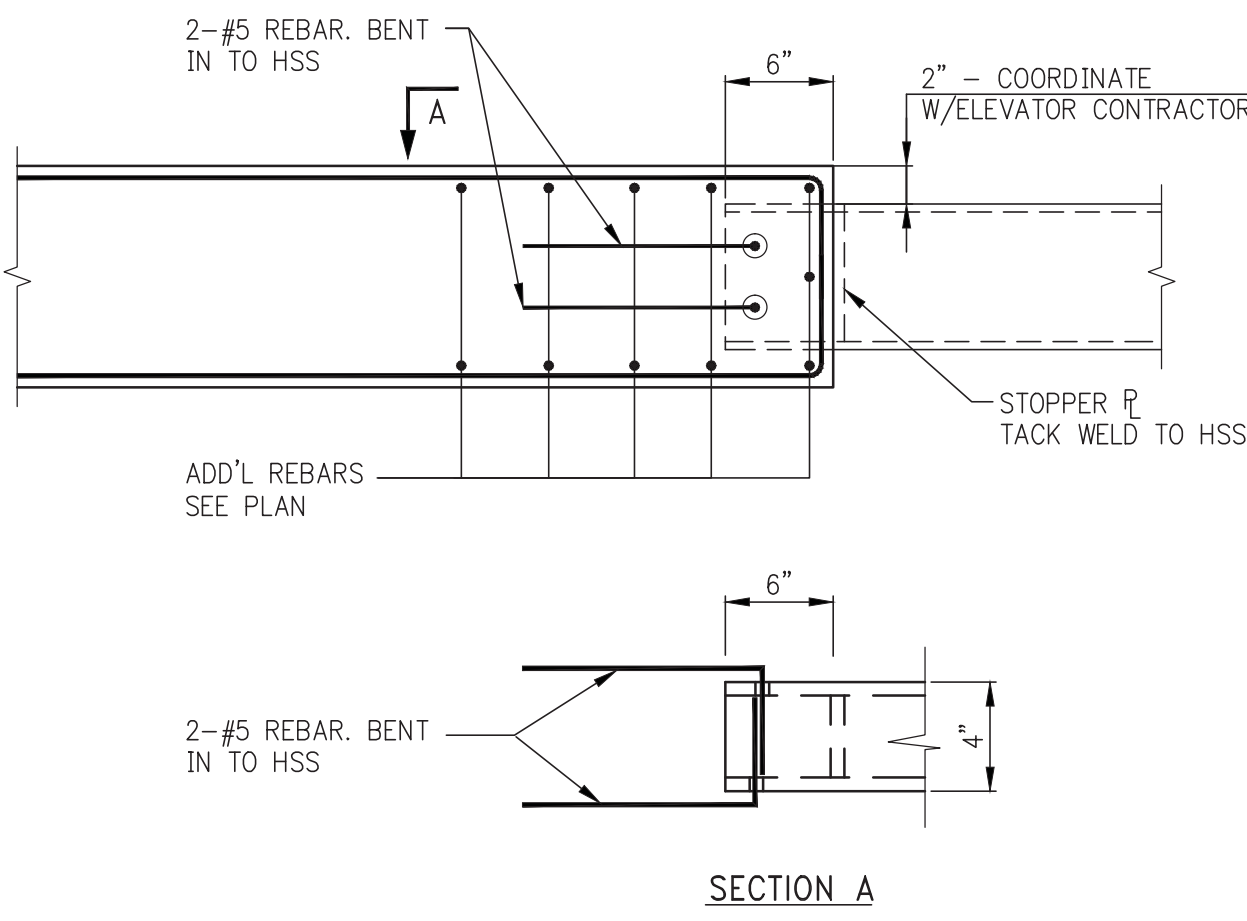


TYPICAL SPANDREL @ CURTAIN WALL SUPPORT
(AT EDGE OF SLAB W/O BEAM)

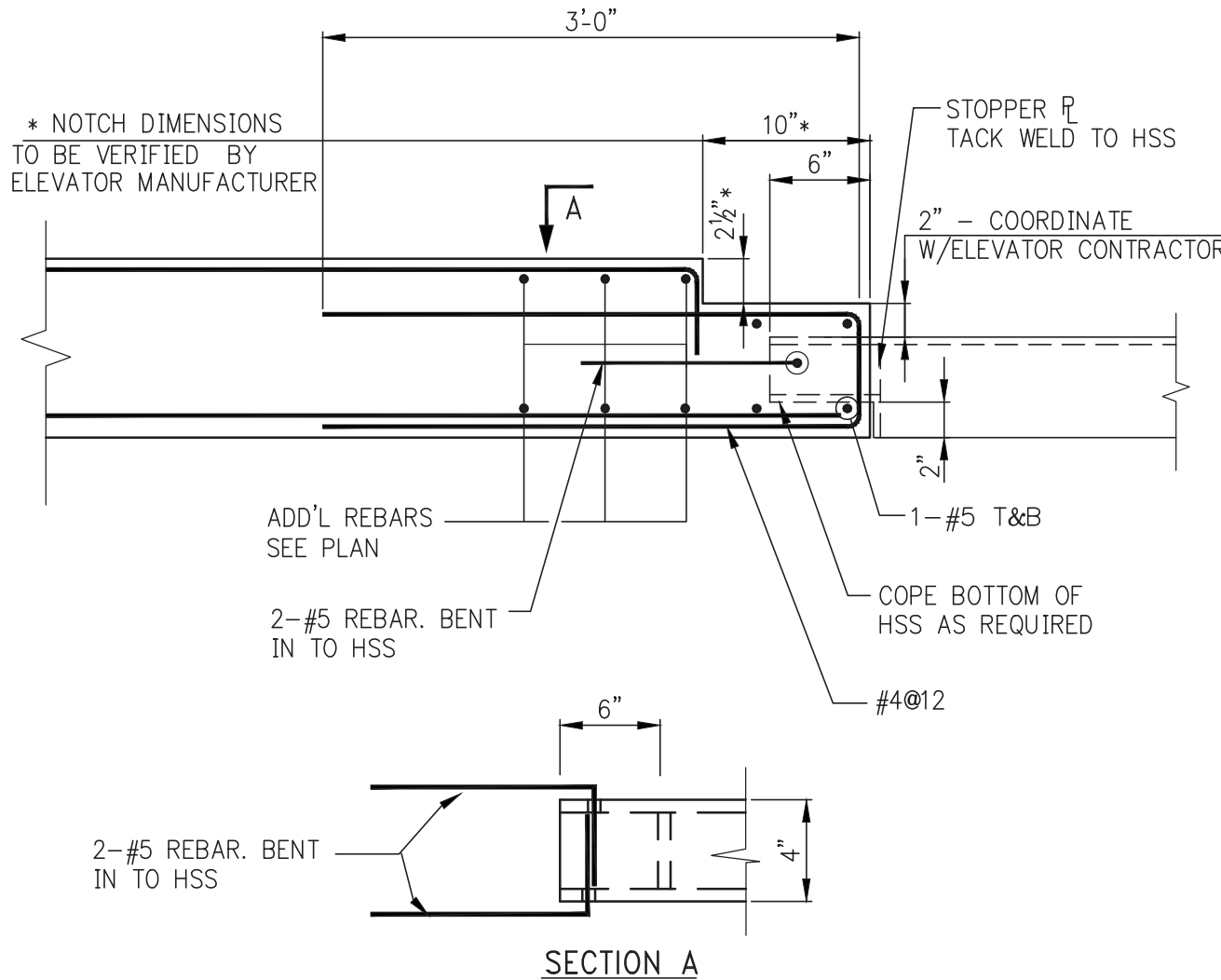
NOTE:
1. THIS CONNECTION IS APPLICABLE BETWEEN COLUMNS
2. CONNECTION MUST BE CHECKED BY E.O.R AT ALL COLUMN LOCATIONS.



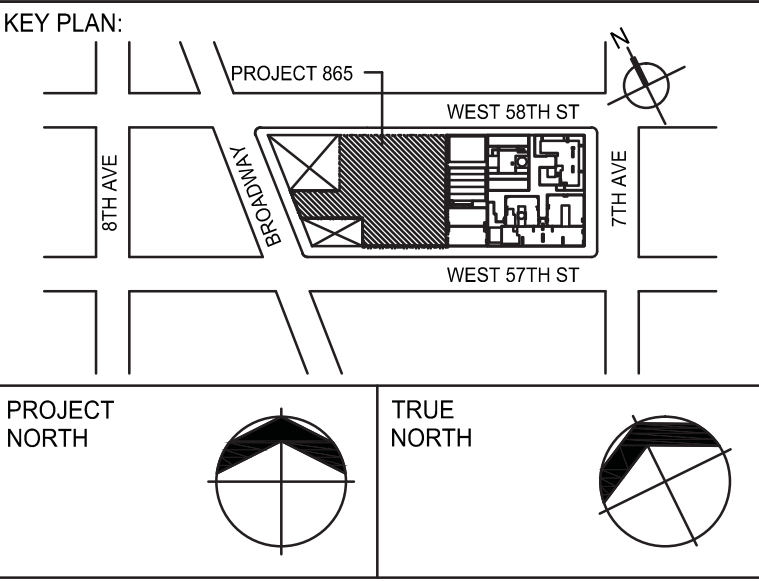
TYPICAL ELEVATOR DIVIDER BEAM CONNECTION



DETAIL WITHOUT ELEVATOR SILL



DETAIL @ ELEVATOR



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LANDMARK/PRESERVATION CONSULTANT: **Jan Hird Pokorny Associates, Inc.**
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No.	DESCRIPTION	DATE
1	CD PROGRESS ISSUE 1	10-15-2014
2	ISSUED FOR CONSTRUCTION UP TO 5TH FL ONLY	11-07-2014
3	DOB SUBMISSION	12-19-2014
4	DOB SUBMISSION	02-05-2015
5	DOB AMENDMENT 2	09-18-2015


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(212) 687-8888
www.wspgroup.com/usa

PROJECT: **217 WEST 57TH STREET
NEW YORK, NY**

DRAWING TITLE: **TYPICAL
SUPERSTRUCTURE
CONCRETE DETAILS 4**

SEAL & SIGNATURE	DATE: 10/15/2014	
	PROJECT No: 2012185	
	DRAWN: CADD	REV: 5
	CHK: Y. E.	
	SCALE: AS INDICATED	
	DWG No: S-623.02	

DOB PAGE No: 143 OF 158
DOB EMPLOYEE STAMP: DOB B-SCAN:

TABLE #1: TENSION LAP SPLICE LENGTHS (CLASS B MINIMUM)																	
TABLE 1.A: 3/4" COVER TO OUTER LAYER BARS OUTER LAYER LAP LENGTHS (IN INCHES)									TABLE 1.C: 1 1/4" COVER TO OUTER LAYER BARS OUTER LAYER LAP LENGTHS (IN INCHES)								
NOTE: USE TABLE 1.A IF BAR SPACING IS LESS THAN 4" O/C UP TO #8, 5" O/C FOR #9, #10, #11									NOTE: USE TABLE 1.A IF BAR SPACING IS LESS THAN 4" O/C UP TO #8, 5" O/C FOR #9, #10, #11								
#3	16	16	16	16	16	16	16	16	#3	16	16	16	16	16	16	16	16
#4	21	20	20	20	20	20	20	20	#4	20	20	20	20	20	20	20	20
#5	31	27	24	24	24	24	24	24	#5	24	24	24	24	24	24	24	24
#6	43	37	33	30	29	29	29	29	#6	29	29	29	29	29	29	29	29
#7	69	60	53	49	45	42	40	38	#7	42	37	34	34	34	34	34	34
#8	85	74	66	60	56	52	49	47	#8	53	46	41	39	39	39	39	39
#9	103	89	80	73	67	63	59	56	#9	66	57	51	46	44	44	44	44
#10	121	105	94	86	79	74	70	66	#10	79	68	61	56	51	49	49	49
#11	140	122	109	99	92	86	81	77	#11	92	80	72	65	60	57	54	54

TABLE 1.B: 3/4" COVER TO OUTER LAYER BARS INNER LAYER LAP LENGTHS (IN INCHES)																	
TABLE 1.D: 1 1/4" COVER TO OUTER LAYER BARS INNER LAYER LAP LENGTHS (IN INCHES)									TABLE 1.F: 1 1/4" COVER TO OUTER LAYER BARS INNER LAYER LAP LENGTHS (IN INCHES)								
NOTE: USE TABLE 1.A IF BAR SPACING IS LESS THAN 4" O/C UP TO #8, 5" O/C FOR #9, #10, #11									NOTE: USE TABLE 1.A IF BAR SPACING IS LESS THAN 5" O/C UP TO #8, 6" O/C FOR #9, #10, #11								
#3	16	16	16	16	16	16	16	16	#3	16	16	16	16	16	16	16	16
#4	20	20	20	20	20	20	20	20	#4	20	20	20	20	20	20	20	20
#5	24	24	24	24	24	24	24	24	#5	24	24	24	24	24	24	24	24
#6	30	29	29	29	29	29	29	29	#6	29	29	29	29	29	29	29	29
#7	48	42	38	34	34	34	34	34	#7	37	34	34	34	34	34	34	34
#8	61	53	47	43	40	39	39	39	#8	43	39	39	39	39	39	39	39
#9	75	65	58	53	49	46	44	44	#9	53	46	44	44	44	44	44	44
#10	89	77	69	63	58	55	51	49	#10	64	55	49	49	49	49	49	49
#11	104	90	81	74	68	64	60	57	#11	75	65	58	54	54	54	54	54

NOTES FOR TENSION LAP SPLICES

- REINFORCEMENT IS UNCOATED, WITH $F_y=60,000$ PSI.
- CONCRETE IS NORMAL WEIGHT (144-150#/C.F.).
- "TOP" REINFORCEMENT:
 - WHERE HORIZONTAL REINFORCEMENT IS PLACED SUCH THAT MORE THAN 12 INCHES OF FRESH CONCRETE IS CAST BELOW THE SPLICE, TABULATED LENGTHS MUST BE MULTIPLIED BY 1.3.
 - SUCH LOCATIONS INCLUDE, BUT ARE NOT LIMITED TO, BEAMS, SLABS, FOOTINGS, MATS, AND WALLS.
 - WALL HORIZONTAL REINFORCEMENT INCLUDE BARS EACH FACE, ADDED BARS, CORNER BARS, "U" BARS, ETC.
 - "FRESH" CONCRETE INCLUDES ALL CONCRETE CAST BELOW "TOP" REINFORCEMENT WITHIN PERIOD OF TWO HOURS.
- TABULATED LENGTHS MUST BE MULTIPLIED BY THE FOLLOWING MODIFICATION FACTORS:
 - LIGHTWEIGHT CONCRETE1.3
 - EPOXY-COATED BARS:
 - BARS WITH COVER < 3db, OR WITH CLEAR SPACING < 6db, .15*
 - ALL OTHER CONDITIONS1.2
 - FOR EPOXY-COATED "TOP" BARS THE MAXIMUM FOR COMBINED FACTORS = 1.7
- WHERE TENSION DEVELOPMENT LENGTH (L_d) IS REQUIRED ON PLANS OR IN DETAILS, SEE TENSION DEVELOPMENT LENGTH TABLES.
- CLASS A LAP SPLICE LENGTHS (AS DEFINED BY ACI) ARE EQUAL TO TENSION DEVELOPMENT LENGTHS. SEE TABLES FOR TENSION DEVELOPMENT LENGTHS (L_d). APPLY APPROPRIATE MODIFICATION FACTORS TO CLASS A SPLICE LENGTHS.

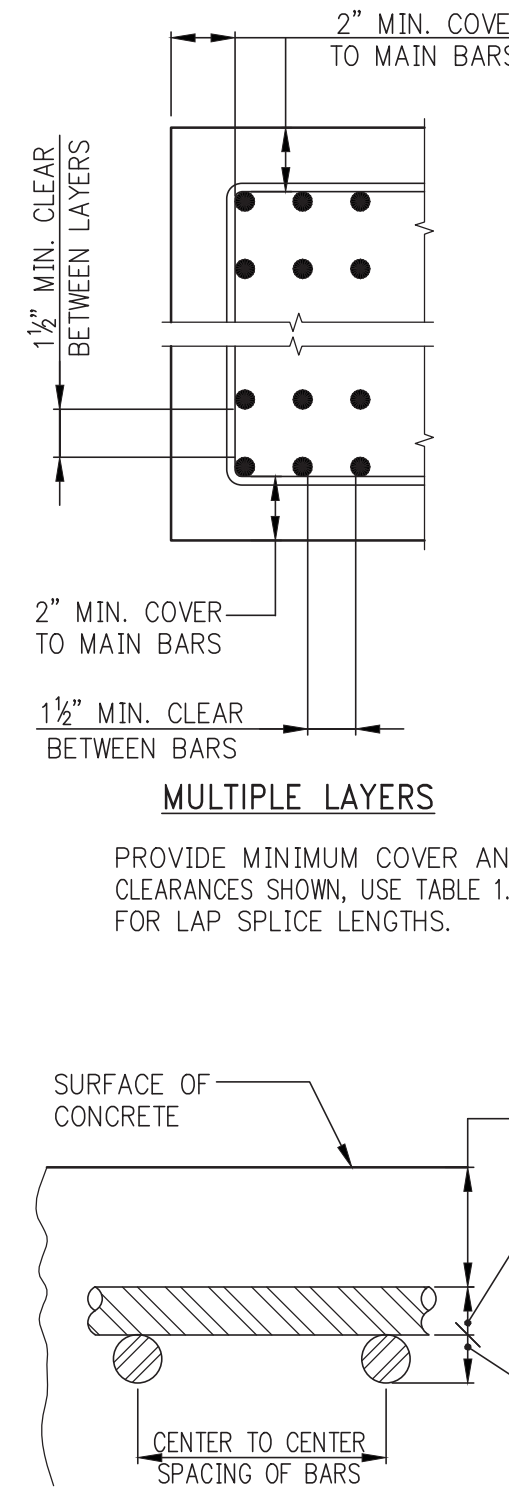


TABLE #2: TENSION DEVELOPMENT LENGTHS (L_d) (IN INCHES)																	
TABLE 2.A: 3/4" COVER TO OUTER LAYER BARS OUTER LAYER DEVELOPMENT LENGTHS									TABLE 2.C: 1 1/4" COVER TO OUTER LAYER BARS OUTER LAYER DEVELOPMENT LENGTHS								
NOTE: USE TABLE 2.A IF BAR SPACING IS LESS THAN 4" O.C. UP TO #8, 5" O.C. FOR #9, #10, #11									NOTE: USE TABLE 2.A IF BAR SPACING IS LESS THAN 4" O.C. UP TO #8, 5" O.C. FOR #9, #10, #11								
#3	12	12	12	12	12	12	12	12	#3	12	12	12	12	12	12	12	12
#4	16	14	13	12	12	12	12	12	#4	13	12	12	12	12	12	12	12
#5	24	21	19	17	16	15	14	13	#5	16	14	13	13	13	13	13	13
#6	33	28	25	23	22	20	19	18	#6	20	17	15	15	15	15	15	15
#7	53	46	41	37	35	32	31	29	#7	32	28	25	23	21	20	19	18
#8	66	57	51	46	43	40	38	36	#8	41	36	32	29	27	25	24	23
#9	79	69	61	56	52	49	46	43	#9	50	44	39	36	33	31	29	28
#10	93	81	72	66	61	57	54	51	#10	60	52	47	43	40	37	35	33
#11	108	94	84	76	71	66	62	59	#11	71	61	55	50	46	43	41	39

NOTES FOR TENSION DEVELOPMENT LENGTHS (L_d)

- REINFORCEMENT IS UNCOATED, WITH $F_y=60,000$ PSI.
- CONCRETE IS NORMAL WEIGHT (144-150#/C.F.).
- "TOP" REINFORCEMENT:
 - WHERE HORIZONTAL REINFORCEMENT IS PLACED SUCH THAT MORE THAN 12 INCHES OF FRESH CONCRETE IS CAST BELOW THE DEVELOPMENT LENGTH, TABULATED LENGTHS MUST BE MULTIPLIED BY 1.3.
 - SUCH LOCATIONS INCLUDE, BUT ARE NOT LIMITED TO, BEAMS, SLABS, FOOTINGS, MATS, AND WALLS.
 - WALL HORIZONTAL REINFORCEMENT INCLUDE BARS EACH FACE, ADDED BARS, CORNER BARS, "U" BARS, ETC.
 - "FRESH" CONCRETE INCLUDES ALL CONCRETE CAST BELOW "TOP" REINFORCEMENT WITHIN PERIOD OF TWO HOURS.
- TABULATED LENGTHS MUST BE MULTIPLIED BY THE FOLLOWING MODIFICATION FACTORS:
 - LIGHTWEIGHT CONCRETE1.3
 - EPOXY-COATED BARS:
 - BARS WITH COVER < 3db, OR WITH CLEAR SPACING < 6db, .15*
 - ALL OTHER CONDITIONS1.2
 - FOR EPOXY-COATED "TOP" BARS THE MAXIMUM FOR COMBINED FACTORS = 1.7
- WHERE TENSION DEVELOPMENT LENGTH (L_d) IS REQUIRED ON PLANS OR IN DETAILS, SEE TENSION DEVELOPMENT LENGTH TABLES.
- CLASS A LAP SPLICE LENGTHS (AS DEFINED BY ACI) ARE EQUAL TO TENSION DEVELOPMENT LENGTHS. SEE TABLES FOR TENSION DEVELOPMENT LENGTHS (L_d). APPLY APPROPRIATE MODIFICATION FACTORS TO CLASS A SPLICE LENGTHS.

TABLE #3 TENSION DEVELOPMENT LENGTHS FOR STANDARD END HOOKS (db) (LENGTHS IN INCHES)									
BAR SIZE	3,000	4,000	5,000	6,000	7,000	8,000	9,000	10,000	10,000*
#3	9	7	7	6	6	6	6	6	6
#4	11	10	9	8	7	7	7	6	6
#5	14	12	11	10	9	9	8	8	8
#6	17	15	13	12	11	10	10	9	9
#7	19	17	15	14	13	12	11	11	11
#8	22	19	17	16	15	14	13	12	12
#9	25	22	19	18	16	15	15	14	14
#10	28	24	22	20	19	17	16	16	16
#11	31	27	24	22	21	19	18	17	17
#14	37	32	29	27	25	23	22	21	21
#18	50	43	39	35	33	31	29	27	27

NOTES:

- TABLE #3 CONFORMS TO ACI 318-2002 (AND 2005). TABULATED VALUES ARE BASED UPON ACI 12.5.2, ASSUMING GRADE 60 REINFORCEMENT AND NORMALWEIGHT CONCRETE.
- PER ACI 12.5.3 (a), FOR #11 AND SMALLER BARS, IF COVER TO BAR IS 2 1/2 INCHES OR MORE, AND FOR 90 DEGREE HOOK WITH COVER ON BAR EXTENSION BEYOND HOOK NOT LESS THAN 2 INCHES, A MODIFICATION FACTOR OF 0.7 MAY BE APPLIED. MINIMUM 1db SHALL NOT BE LESS THAN 6db NOR 6 INCHES.

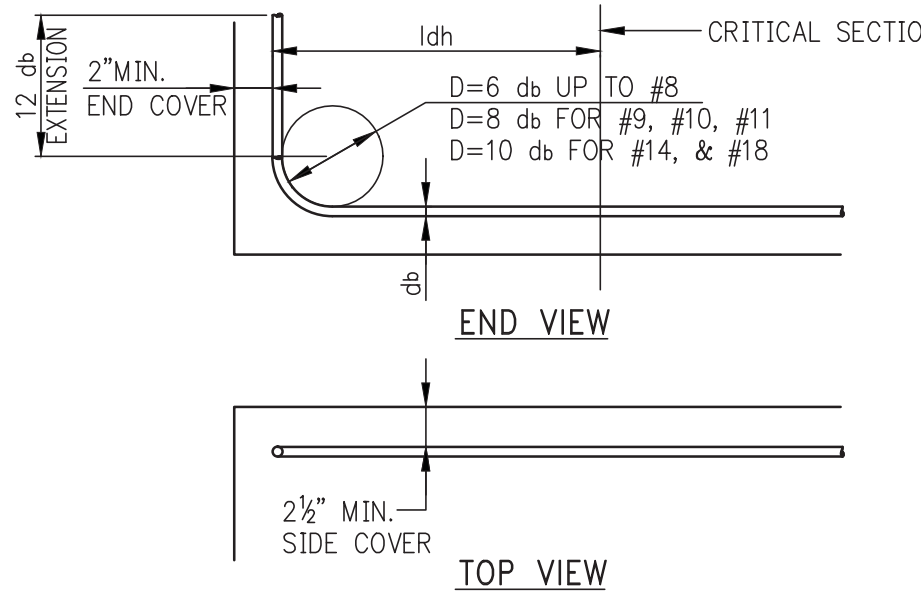
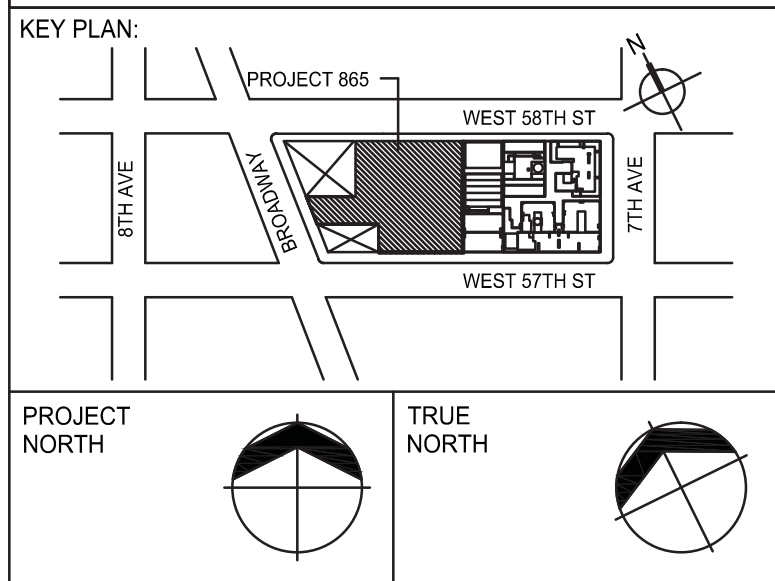


TABLE #4 COMPRESSION LAP SPLICES (LENGTHS IN INCHES)									
BAR SIZE	GRADE OF REINFORCEMENT			GRADE OF REINFORCEMENT			GRADE OF REINFORCEMENT		
	60 KSI (30 DIA.)	75 KSI (44 DIA.)	80 KSI (48 DIA.)	60 KSI (30 DIA.)	75 KSI (44 DIA.)	80 KSI (48 DIA.)	60 KSI (30 DIA.)	75 KSI (44 DIA.)	80 KSI (48 DIA.)
#3	12	17	18	12	17	18	12	17	18
#4	15	22	24	15	22	24	15	22	24
#5	19	28	30	19	28	30	19	28	30
#6	23	33	36	23	33	36	23	33	36
#7	27	39	42	27	39	42	27	39	42
#8	30	44	48	30	44	48	30	44	48
#9	34	50	54	34	50	54	34	50	54
#10	38	56	61	38	56	61	38	56	61
#11	43	62	68	43	62	68	43	62	68
#14 AND #18	1. LAP SPLICES ARE NOT PERMITTED USE MECHANICAL CONNECTIONS OR WELDED SPLICES FOR #14 AND #18, PER ACI 318 (12.14.3). 2. LAP SPLICES OF #14 AND #18 BARS TO #11 AND SMALLER BARS ARE PERMITTED PER ACI 318 (12.16.2).								

NOTE:

TABLE #4 APPLIES FOR NORMALWEIGHT CONCRETE WITH $f'_c = 3,000$ PSI OR GREATER.

TABLE #5 DEVELOPMENT LENGTHS FOR BARS IN COMPRESSION (LENGTHS IN INCHES)											
BAR SIZE	$f_y = 60,000$ PSI			$f_y = 75,000$ PSI			$f_y = 80,000$ PSI				
	CONC. f'_c (IN PSI)			CONC. f'_c (IN PSI)			CONC. f'_c (IN PSI)				
	3,000	4,000	5,000 OR MORE	3,000	4,000	5,000 OR MORE	3,000	4,000	5,000 OR MORE		
#3	12	12	12	12	12	12	12	12	12		
#4	12	12	12	14	12	12	12	12	12		
#5	14	12	12	17	15	14	18	16	15		
#6	17	15	14	21	18	17	22	19	18		
#7	19	17	16	24	21	20	26	22	21		
#8	22	19	18	28	24	23	29	25	24		
#9	25	22	21	31	27	25	33	28	27		
#10	28	24	23	34	30	28	36	31	30		
#11	31	27	26	38	33	31	40	34	33		
#14	37	32	31	48	42	39	51	44	42		
#18	50	43	41	62	54	51	65	56	54		



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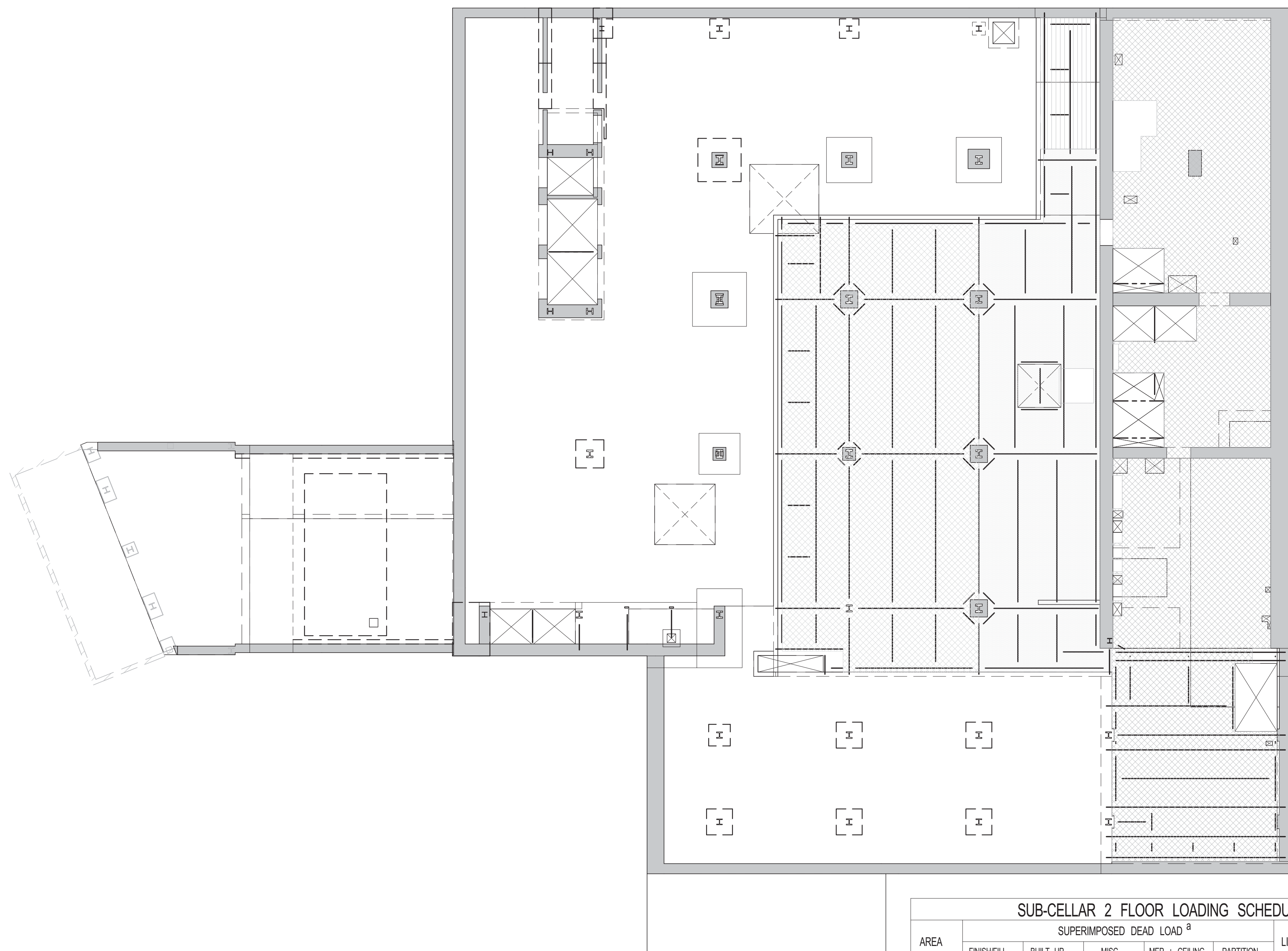
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MEP ENGINEERS:
AKF GROUP
1501 Broadway
New York, NY 10036 USA
TEL: 212 354 5656 FAX: 212 354 5668

GEOTECHNICAL ENGINE

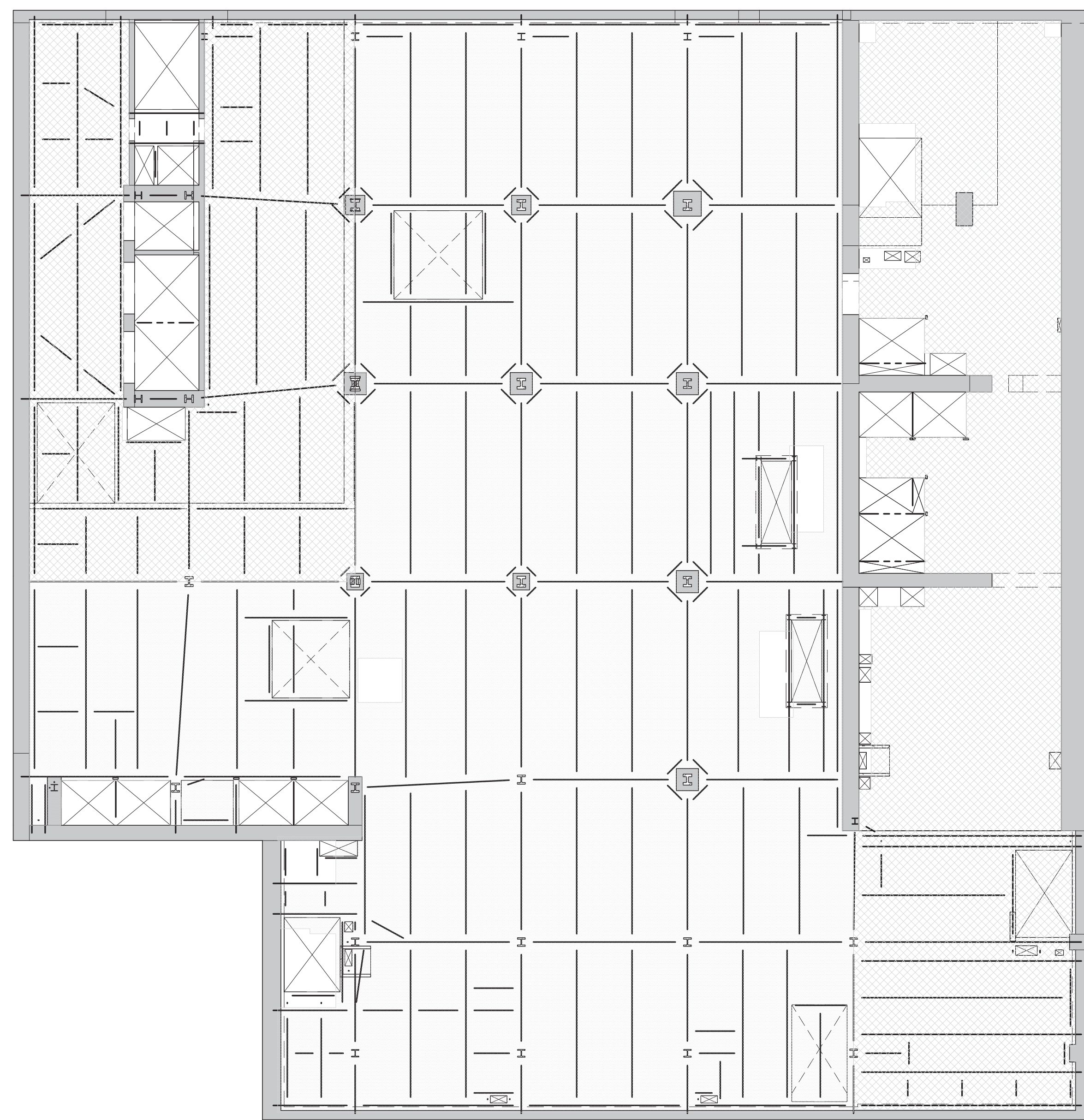


1 SUBCELLAR 2 LOADING DIAGRAM
SCALE: 1/16" = 1'-0"

SUB-CELLAR 2 FLOOR LOADING SCHEDULE						
AREA	SUPERIMPOSED DEAD LOAD ^a					LIVE LOAD ^{b,c}
	FINISH FL.	BUILT UP	MISC.	MEP + CEILING	PARTITION	
	[lb/ft ²]	[lb/ft ²]	[lb/ft ²]	[lb/ft ²]	(PSF)	[lb/ft ²]
	12		5	40	20	125
	12		5	40	20	100
	12		5	40	20	250

NOTES:

- a. DEAD LOAD IS BASED ON SLAB CONSTRUCTION AND FRAMING SELF-WEIGHT AS INDICATED ON THE CORRESPONDING FLOOR FRAMING.
b. LIVE LOAD REDUCTION IS CONSIDERED BASED ON NYC BUILDING CODE.
c. THE MAX. OF THE SPECIFIED LOAD IN THIS SCHEDULE OR SPECIFIED MECH. LOADS AS SHOWN ON DRAWINGS.

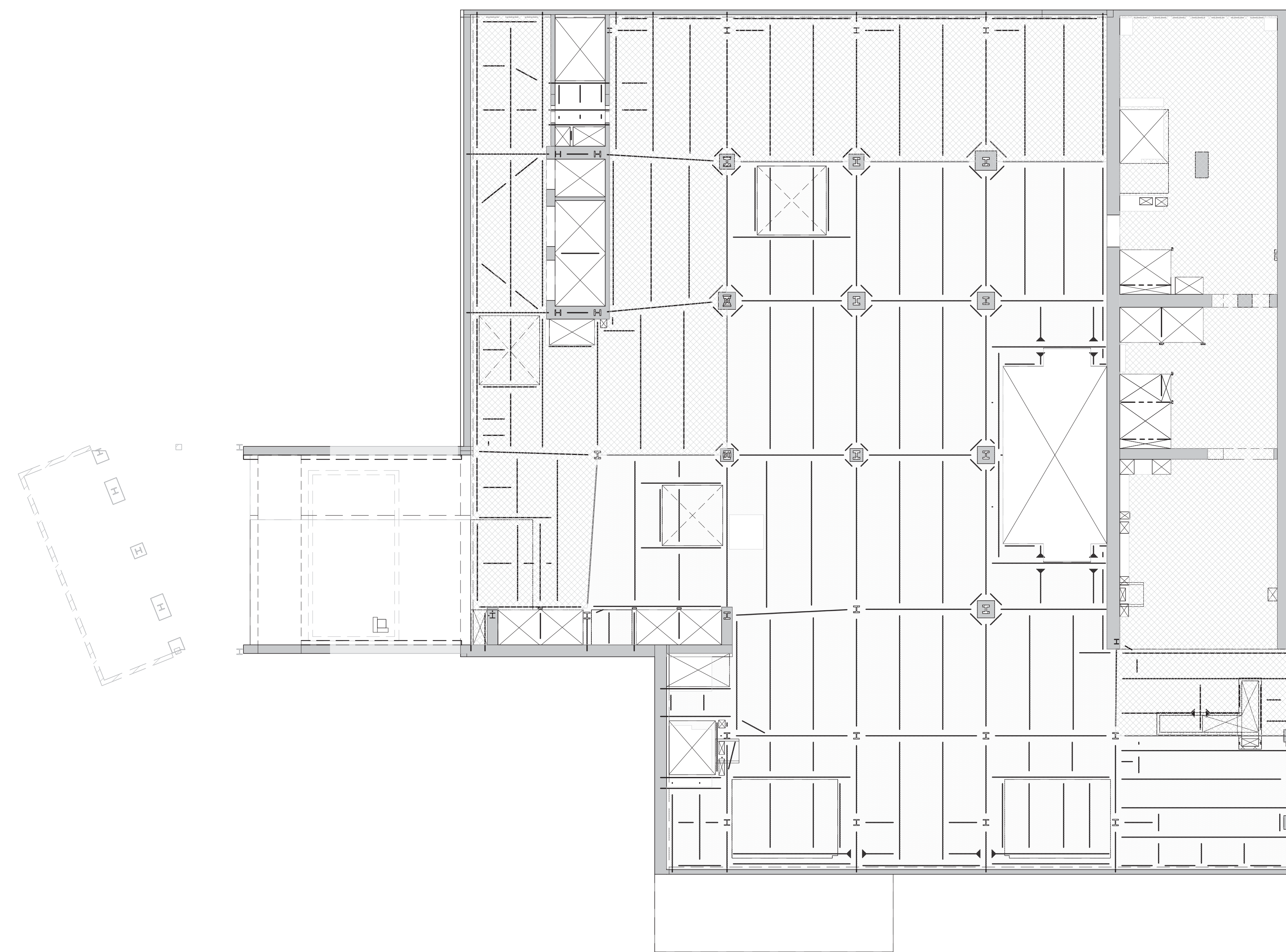


2 SUB CELLAR 1 LOADING DIAGRAM
SCALE: 1/16" = 1'-0"

SUB-CELLAR 1 FLOOR LOADING SCHEDULE						
AREA	SUPERIMPOSED DEAD LOAD ^a					LIVE LOAD ^{b,c}
	FINISH FL.	BUILT UP	MISC.	MEP + CEILING	PARTITION	
	[lb/ft ²]	[lb/ft ²]	[lb/ft ²]	[lb/ft ²]	(PSF)	[lb/ft ²]
	12		5	40	20	125
	12		5	40	20	100

NOTES:

- a. DEAD LOAD IS BASED ON SLAB CONSTRUCTION AND FRAMING SELF-WEIGHT AS INDICATED ON THE CORRESPONDING FLOOR FRAMING.
b. LIVE LOAD REDUCTION IS CONSIDERED BASED ON NYC BUILDING CODE.
c. THE MAX. OF THE SPECIFIED LOAD IN THIS SCHEDULE OR SPECIFIED MECH. LOADS AS SHOWN ON DRAWINGS.



3 CELLAR LOADING DIAGRAM
SCALE: 1/16" = 1'-0"

CELLAR FLOOR LOADING SCHEDULE						
AREA	SUPERIMPOSED DEAD LOAD ^a					LIVE LOAD ^{b,c}
	FINISH FL.	BUILT UP	MISC.	MEP + CEILING	PARTITION	
	[lb/ft ²]	[lb/ft ²]	[lb/ft ²]	[lb/ft ²]	(PSF)	[lb/ft ²]
	12		5	40	20	125
	12		5	40	20	100

NOTES:

- a. DEAD LOAD IS BASED ON SLAB CONSTRUCTION AND FRAMING SELF-WEIGHT AS INDICATED ON THE CORRESPONDING FLOOR FRAMING.
b. LIVE LOAD REDUCTION IS CONSIDERED BASED ON NYC BUILDING CODE.
c. THE MAX. OF THE SPECIFIED LOAD IN THIS SCHEDULE OR SPECIFIED MECH. LOADS AS SHOWN ON DRAWINGS.



4 GROUND FLOOR LOADING DIAGRAM
SCALE: 1/16" = 1'-0"

GROUND FLOOR LOADING SCHEDULE						
AREA	SUPERIMPOSED DEAD LOAD ^a					LIVE LOAD ^{b,c}
	FINISH FL.	BUILT UP	MISC.	MEP + CEILING	PARTITION	
	[lb/ft ²]	[lb/ft ²]	[lb/ft ²]	[lb/ft ²]	(PSF)	[lb/ft ²]
	12		40		20	150
						600*
			100			600*

NOTES:

- a. DEAD LOAD IS BASED ON SLAB CONSTRUCTION AND FRAMING SELF-WEIGHT AS INDICATED ON THE CORRESPONDING FLOOR FRAMING.
b. LIVE LOAD REDUCTION IS CONSIDERED BASED ON NYC BUILDING CODE.
c. THE MAX. OF THE SPECIFIED LOAD IN THIS SCHEDULE OR SPECIFIED MECH. LOADS AS SHOWN ON DRAWINGS.
d. * LOAD CONSIDERED IS FOR H2O OR CONCRETE TRUCK AT ANY LOCATION.
e. ** USE MAX. LOAD CASE BETWEEN TENANT OR CONSTRUCTION LOADING, WHICHEVER GOVERNS.

KEY PLAN

PROJECT NORTH

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Jan Hird Pokorny Associates, Inc.
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No.	DESCRIPTION	DATE
1	DOB FILING SET	06-17-2014
2	DESIGN DEVELOPMENT	07-01-2014
3	ISSUED FOR DESIGN DEVELOPMENT	07-31-2014
4	SE ZONE STEEL BID	08-20-2014
5	STRUCTURAL STEEL BID	09-15-2014
6	STRUCTURAL STEEL BID-ADDENDUM	10-01-2014
7	CD PROGRESS ISSUE 1	10-15-2014
8	ISSUED FOR CONSTRUCTION UP TO GROUND FLOOR ONLY	10-17-2014
9	ISSUED FOR CONSTRUCTION UP TO 5TH FLOOR ONLY	11-07-2014
10	DOB SUBMISSION	12-19-2014
11	DOB SUBMISSION	02-05-2015
12	CONSTRUCTION DOCUMENTS ISSUE 4	06-01-2015
13	DOB AMENDMENT 2	09-18-2015

Discrepancies must be reported immediately to the Architect before proceeding. Only figured dimensions are to be used. Contractors must check all dimensions on site. This drawing is protected by copyright.

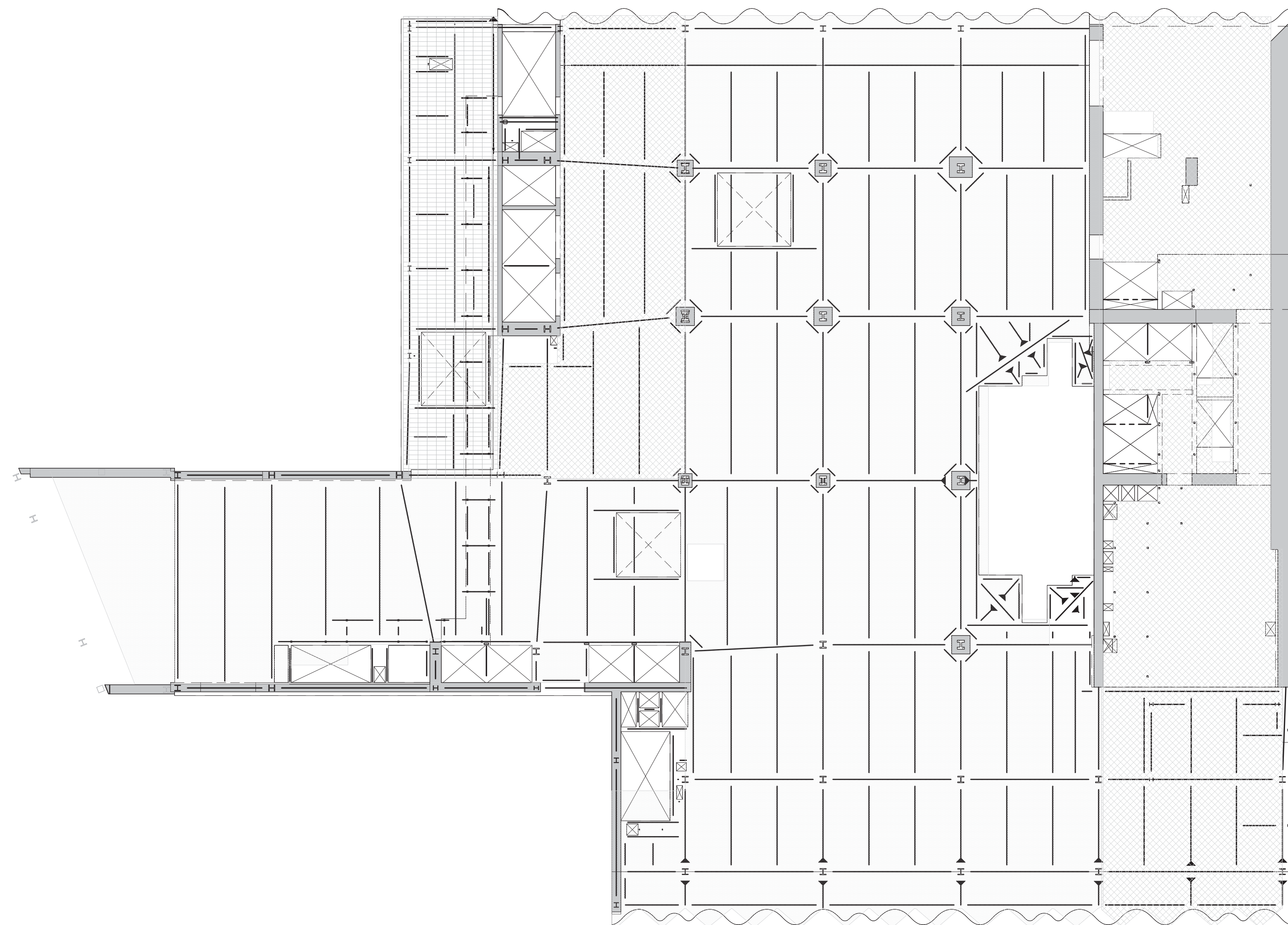
ALL DIMENSIONS ARE SHOWN IN IMPERIAL.

CONSULTANT:
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PROJECT:
217 WEST 57TH STREET
NEW YORK, NY

DRAWING TITLE:
LOADING DIAGRAMS 1

SEAL & SIGNATURE
DATE: 06-17-2014
PROJECT No: 2012185
DRAWN: CADOD
CHK: YE
SCALE: 1/16" = 1'-0"
DWG No: S-670.01
DOB PAGE No: 146 OF 158
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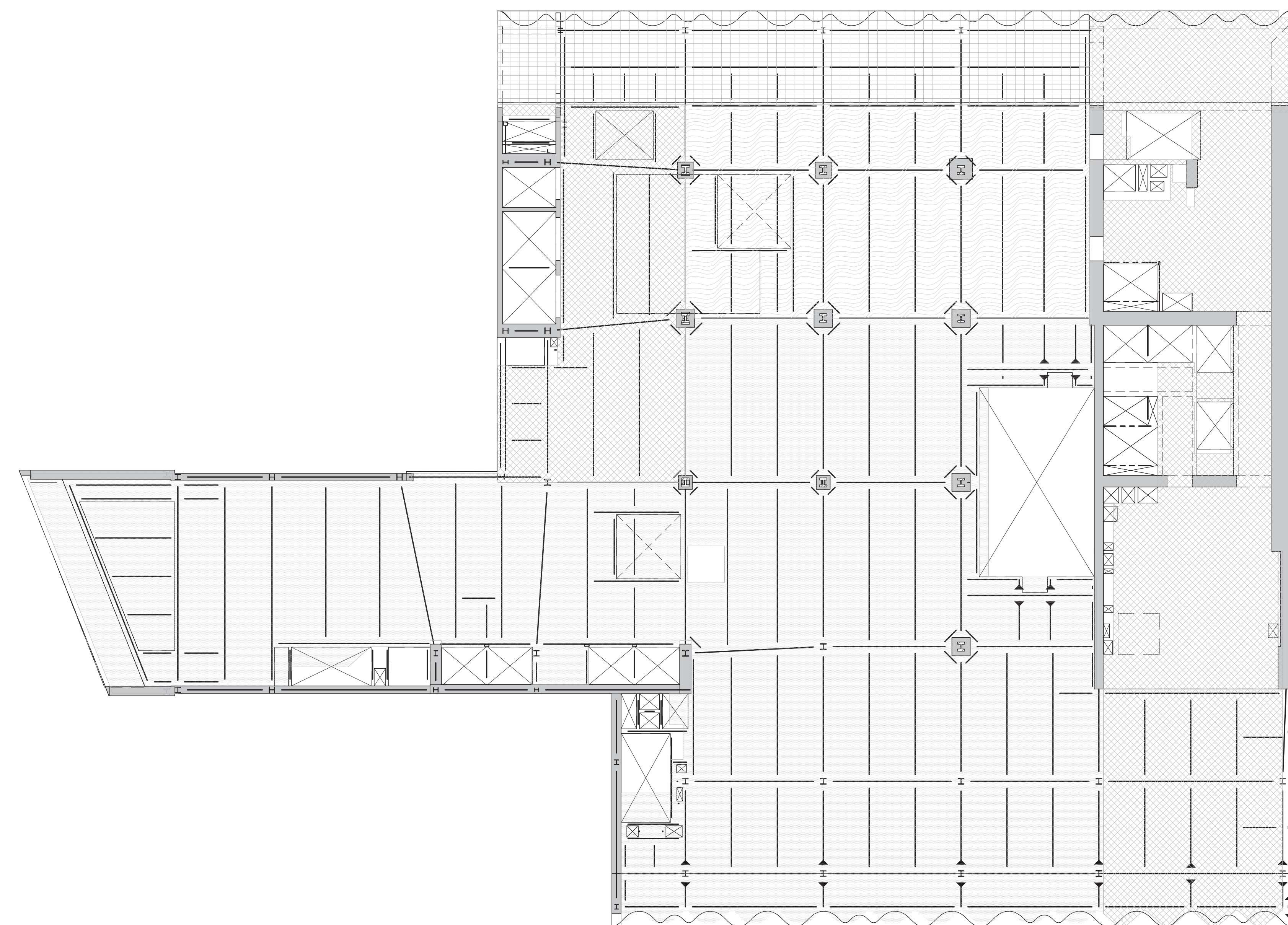


1 2ND FLOOR LOADING DIAGRAM
S-671 SCALE: 1/16" = 1'-0"





2ND FLOOR LOADING SCHEDULE							
AREA	SUPERIMPOSED DEAD LOAD ^a					LIVE LOAD ^{b,c}	REMARKS
	FINISH/FILL [lb/ft ²]	BUILT UP [lb/ft ²]	MISC. [lb/ft ²]	MEP + CEILING [lb/ft ²]	PARTITION [lb/ft ²]		
	12			40	20	125	
	12		5	40	20	75	
	50	75	5	40		100	

NOTES

a. DEAD LOAD IS BASED ON SLAB CONSTRUCTION AND FRAMING SELF-WEIGHT AS INDICATED ON THE CORRESPONDING FLOOR FRAMING.
b. LIVE LOAD REDUCTION IS CONSIDERED BASED ON NYC BUILDING CODE.
c. THE MAX. OF THE SPECIFIED LOAD IN THIS SCHEDULE OR SPECIFIED MECH. LOADS AS SHOWN ON DRAWINGS.

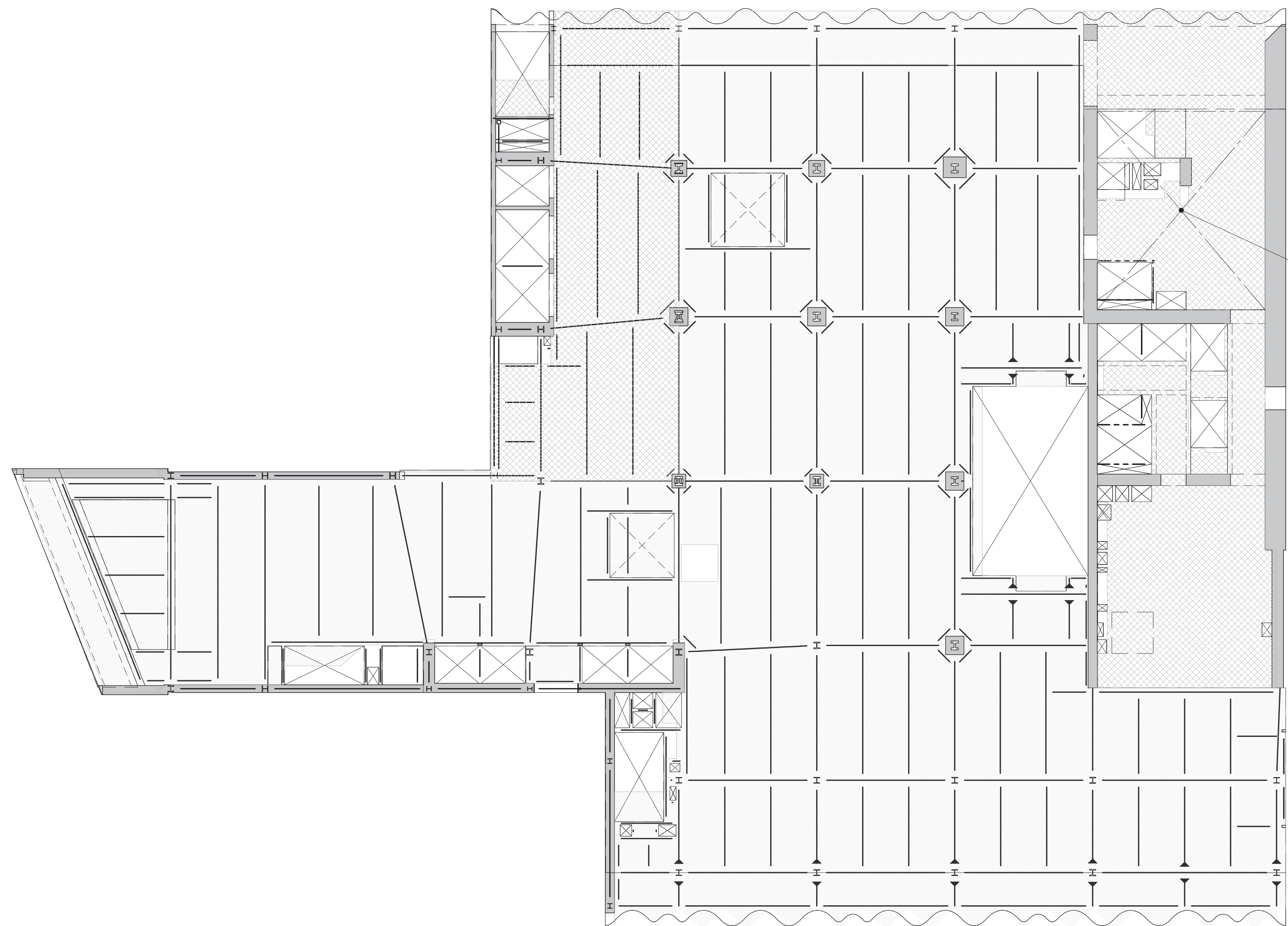


3 5TH FLOOR LOADING DIAGRAM


5TH FLOOR LOADING SCHEDULE							
AREA	SUPERIMPOSED DEAD LOAD ^a					LIVE LOAD ^{b,c}	REMARKS
	FINISHFL [ton-ft ²]	BUILT UP [ton-ft ²]	MSC [ton-ft ²]	MEP + CEILING [ton-ft ²]	PARTITION (PSF)		
	12		5	40	20	125	
	12		5	40	20	75	
	50	75	5			100	
	12		5	40	20	100	

NOTES

a. DEAD LOAD IS BASED ON SLAB CONSTRUCTION AND FRAMING SELF-WEIGHT AS INDICATED ON THE CORRESPONDING FLOOR FRAMING
b. LIVE LOAD REDUCTION IS CONSIDERED BASED ON NYC BUILDING CODE.
c. THE MAX. OF THE SPECIFIED LOAD IN THIS SCHEDULE OR SPECIFIED MECH. LOADS AS SHOWN ON DRAWINGS.

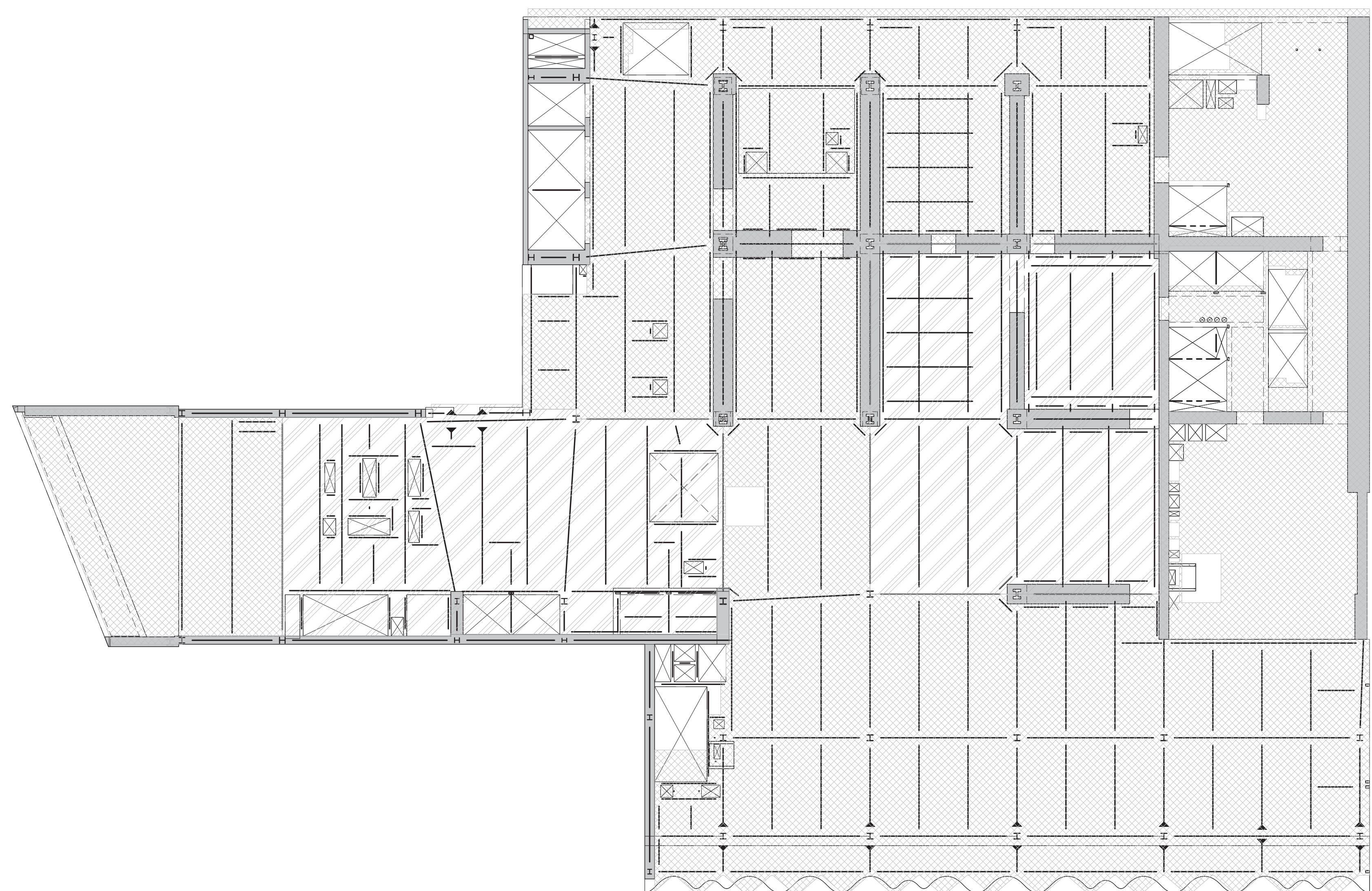


2 3RD-4TH FLOOR LOADING DIAGRAM
S-671 SCALE: 1/16" = 1'-0"



3RD-4TH FLOOR LOADING SCHEDULE							
AREA	SUPERIMPOSED DEAD LOAD ^a					LIVE LOAD ^{b,c}	REMARKS
	FINISH/FILL	BUILT UP	MISC.	MEP + CEILING	PARTITION		
	[lb/ft ²]	[lb/ft ²]	[lb/ft ²]	[lb/ft ²]	(PSF)		
	12	5	40	20	125		
12	5	40	20	75			

NOTES

a. DEAD LOAD IS BASED ON SLAB CONSTRUCTION AND FRAMING SELF-WEIGHT AS INDICATED ON THE CORRESPONDING FLOOR FRAMING.
b. LIVE LOAD REDUCTION IS CONSIDERED BASED ON NYC BUILDING CODE.
c. THE MAX. OF THE SPECIFIED LOAD IN THIS SCHEDULE OR SPECIFIED MECH. LOADS AS SHOWN ON DRAWINGS.

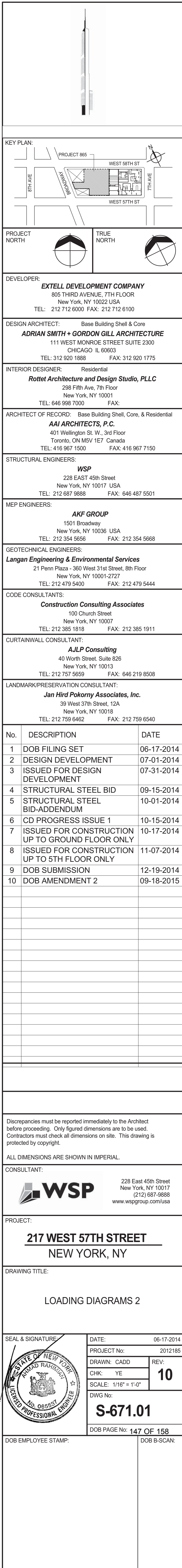


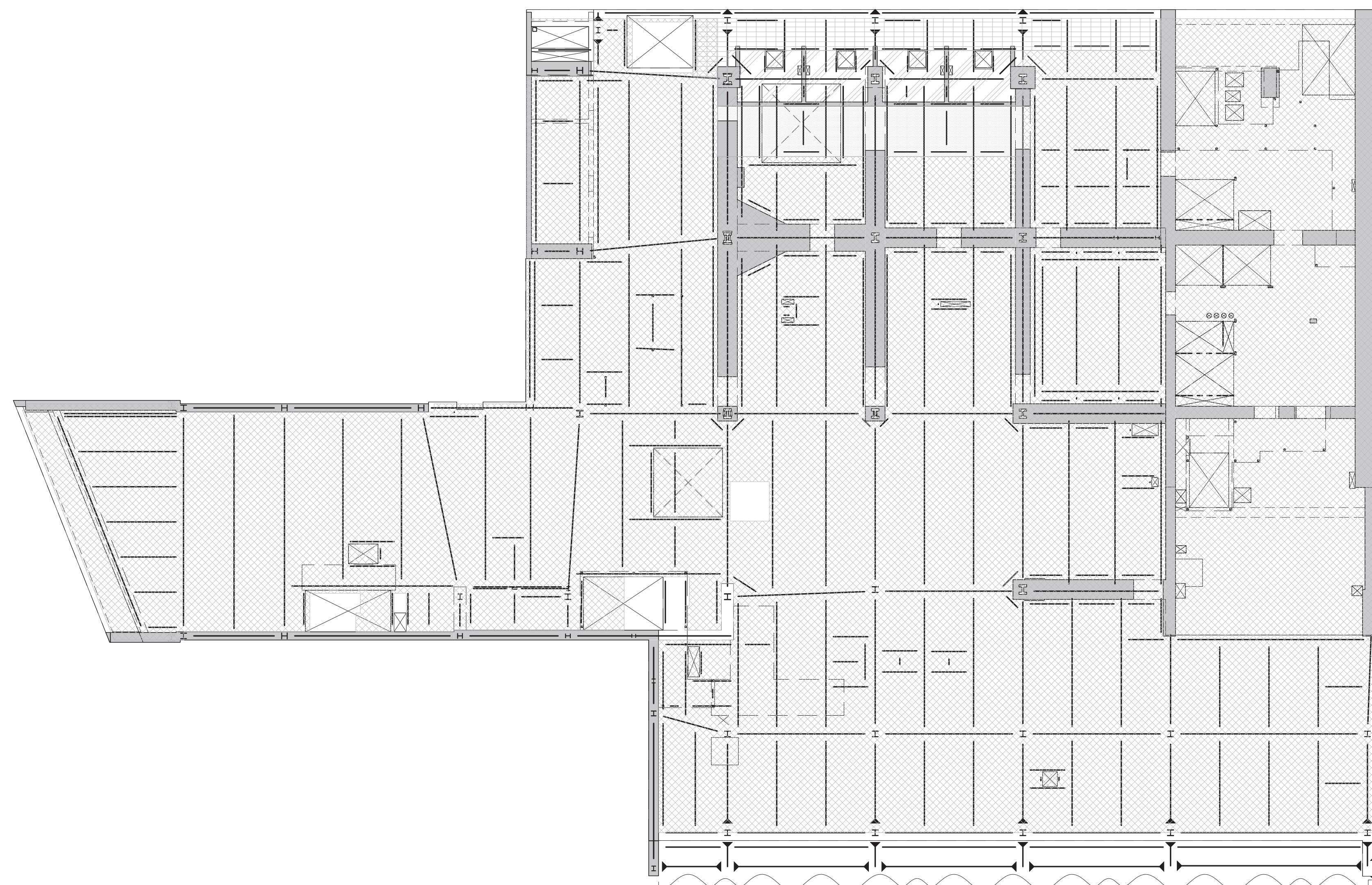
4 6TH FLOOR LOADING DIAGRAM
S-671 SCALE: 1/16" = 1'-0"

6TH FLOOR LOADING SCHEDULE							
AREA	SUPERIMPOSED DEAD LOAD ^a					LIVE LOAD ^{b,c}	REMARKS
	FINISH/FILL [lb/sq ft]	BUILT UP	MISC. [lb/sq ft]	MEP + CEILING [lb/sq ft]	PARTITION (PSF)		
			5	40		150	MEP FLOOR
			5	40		300	MEP FLOOR





NOTE

a. DEAD LOAD IS BASED ON SLAB CONSTRUCTION AND FRAMING SELF-WEIGHT AS INDICATED ON THE CORRESPONDING FLOOR FRAMING.
b. LIVE LOAD REDUCTION IS CONSIDERED BASED ON NYC BUILDING CODE.
c. THE MAX. OF THE SPECIFIED LOAD IN THIS SCHEDULE OR SPECIFIED MECH. LOADS AS SHOWN ON DRAWINGS.





1 7TH FLOOR LOADING DIAGRAM
S-672 SCALE: 1/16" = 1'-0"










7TH FLOOR LOADING SCHEDULE							
AREA	SUPERIMPOSED DEAD LOAD					LIVE LOAD ^{b,c}	REMARKS
	FINISHTFL [baft'²]	BUILT UP [baft'²]	MISC. [baft'²]	MEP + CEILING [baft'²]	PARTITION (PSF)		
		5	5	40	150	MEP FLOOR	
		95	5	40	900	SEE TYP. DETAILS FOR JOOL REINFORCEMENT	
		95	5	40	150	MEP FLOOR	
		50	5	40	150	MEP FLOOR	

NOTE

a. DEAD LOAD IS BASED ON SLAB CONSTRUCTION AND FRAMING SELF-WEIGHT AS INDICATED ON THE CORRESPONDING FLOOR FRAMING.
b. LIVE LOAD REDUCTION IS CONSIDERED BASED ON NYC BUILDING CODE.
c. THE MAX. OF THE SPECIFIED LOAD IN THIS SCHEDULE OR SPECIFIED MECH. LOADS AS SHOWN ON DRAWINGS.



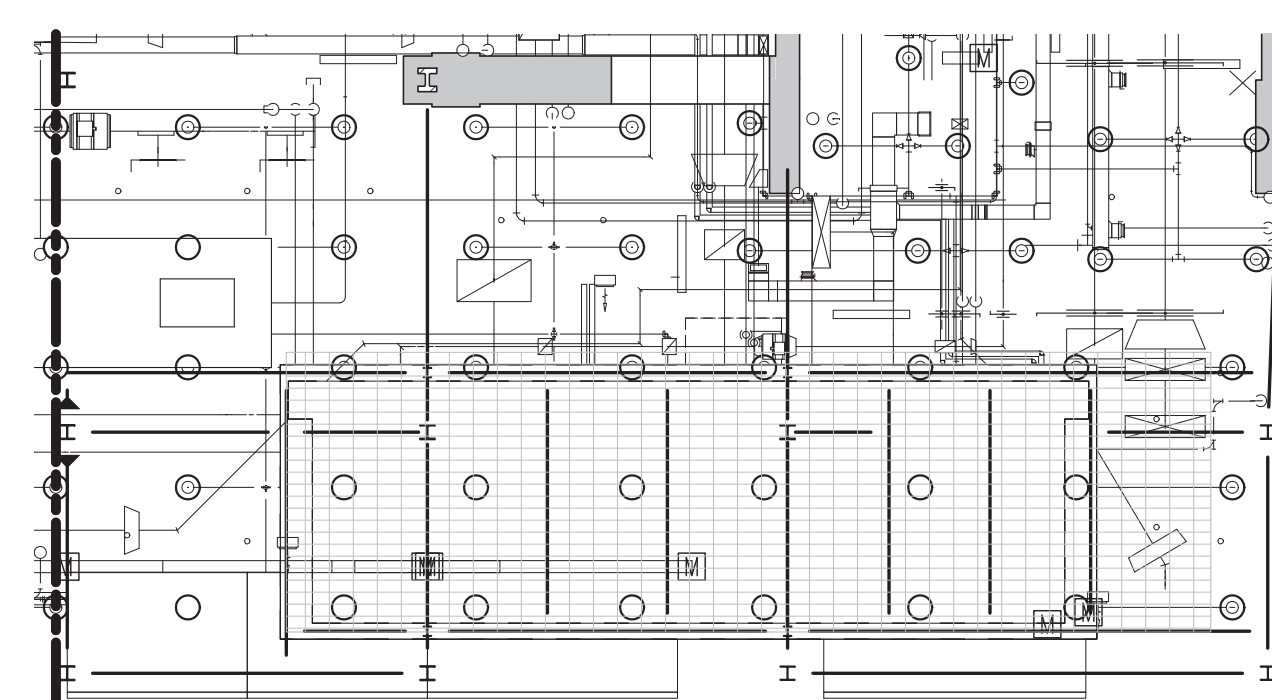
2 8TH FLOOR LOADING DIAGRAM
S-672 SCALE: 1/16" = 1'-0"

8th FLOOR POOL FLOOR LOADING SCHEDULE						
AREA	SUPERIMPOSED DEAD LOAD ^a			PARTITION (PSF)	LIVE LOAD ^{b,c} ([lb/ft ²])	REMARKS
	FINISH/FILL ^e ([lb/ft ²])	BUILT UP ([lb/ft ²])	MISC. MEP + CEILING ([lb/ft ²])			
	300	65	5	50	100	SEE TYPICAL DETAILS FOR ADD'L REINFORCEMENT
			5	50	600	SEE TYPICAL DETAILS FOR ADD'L REINFORCEMENT
	75		5	50	350	SEE TYPICAL DETAILS FOR ADD'L REINFORCEMENT
	50	65	5	50	200	
	400	65	5	50	100	SEE TYPICAL DETAILS FOR ADD'L REINFORCEMENT
	90		5	50	150	
	. d	65	5	50	300 ^d	CONSTRUCTION LOADING. SEE TYPICAL DETAILS FOR ADD'L REINFORCEMENT
	250	65	5	50	100	SEE TYPICAL DETAILS FOR ADD'L REINFORCEMENT
			5	50	100	

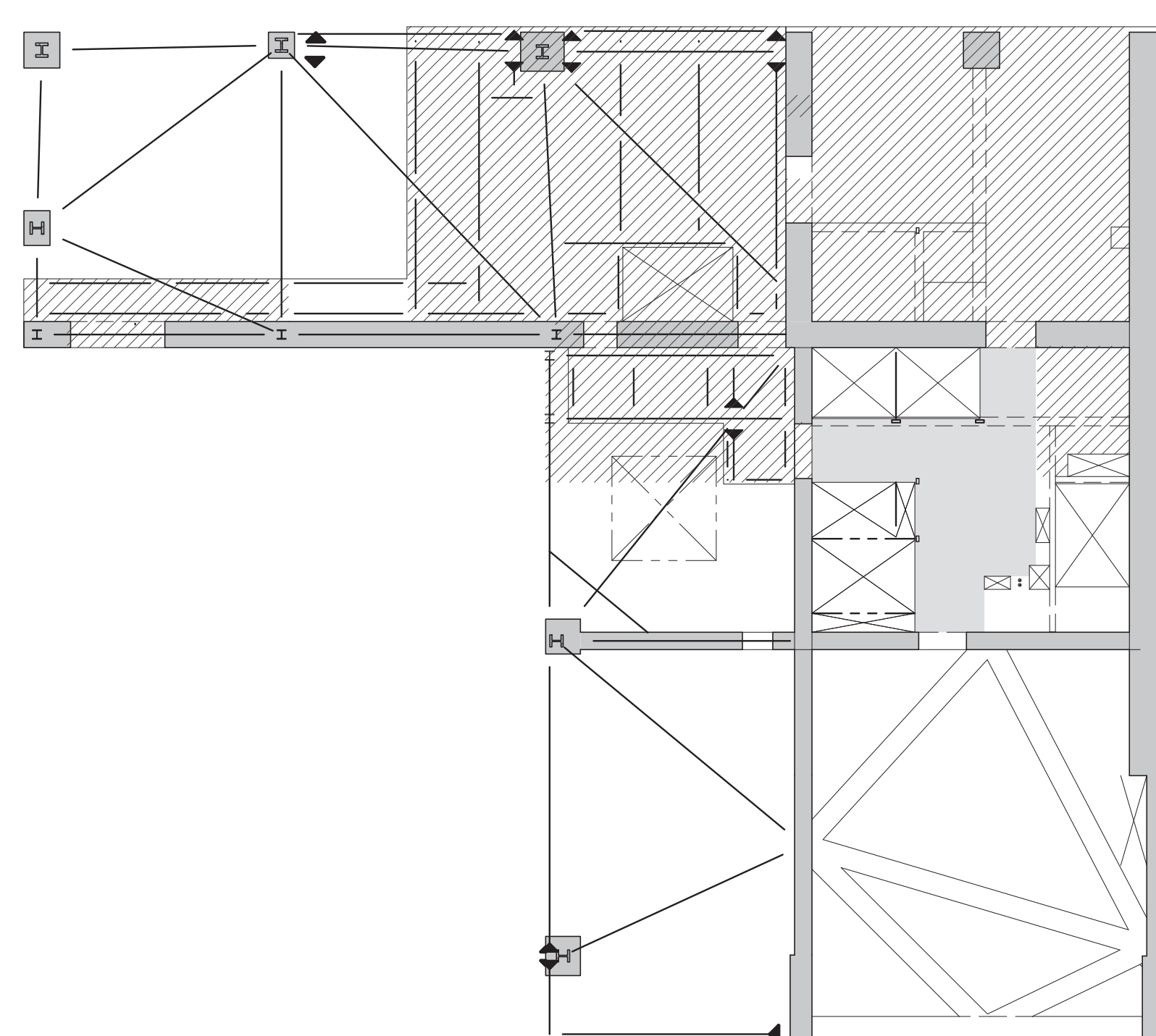
NOTES

NOTES:

- DEAD LOAD IS BASED ON SLAB CONSTRUCTION AND FRAMING SELF-WEIGHT AS INDICATED ON THE CORRESPONDING FLOOR FRAMING.
- LIVE LOAD REDUCTION IS CONSIDERED BASED ON NYC BUILDING CODE.
- WIND LOADS ARE BASED ON THE WIND SPEED SCHEDULE OR SPECIFIED MECH. LOADS AS SHOWN ON DRAWINGS.
- 300PSF IN TABLE CONSTRUCTION LIVE LOAD. PERMANENT SUPERIMPOSED DEAD LOAD (100PSF) + LIVE LOAD (100PSF) ARE LESS THAN THIS CONSTRUCTION LOAD.
- ELEVATED GARDEN LOADING IS NOT REFLECTED IN TABLE. LOADING IS BASED ON DWG. LA-001 DATED 10/15/2014.



2A POOL FLOOR LOADING DIAGRAM
S-672 SCALE: 1/16" = 1'-0"



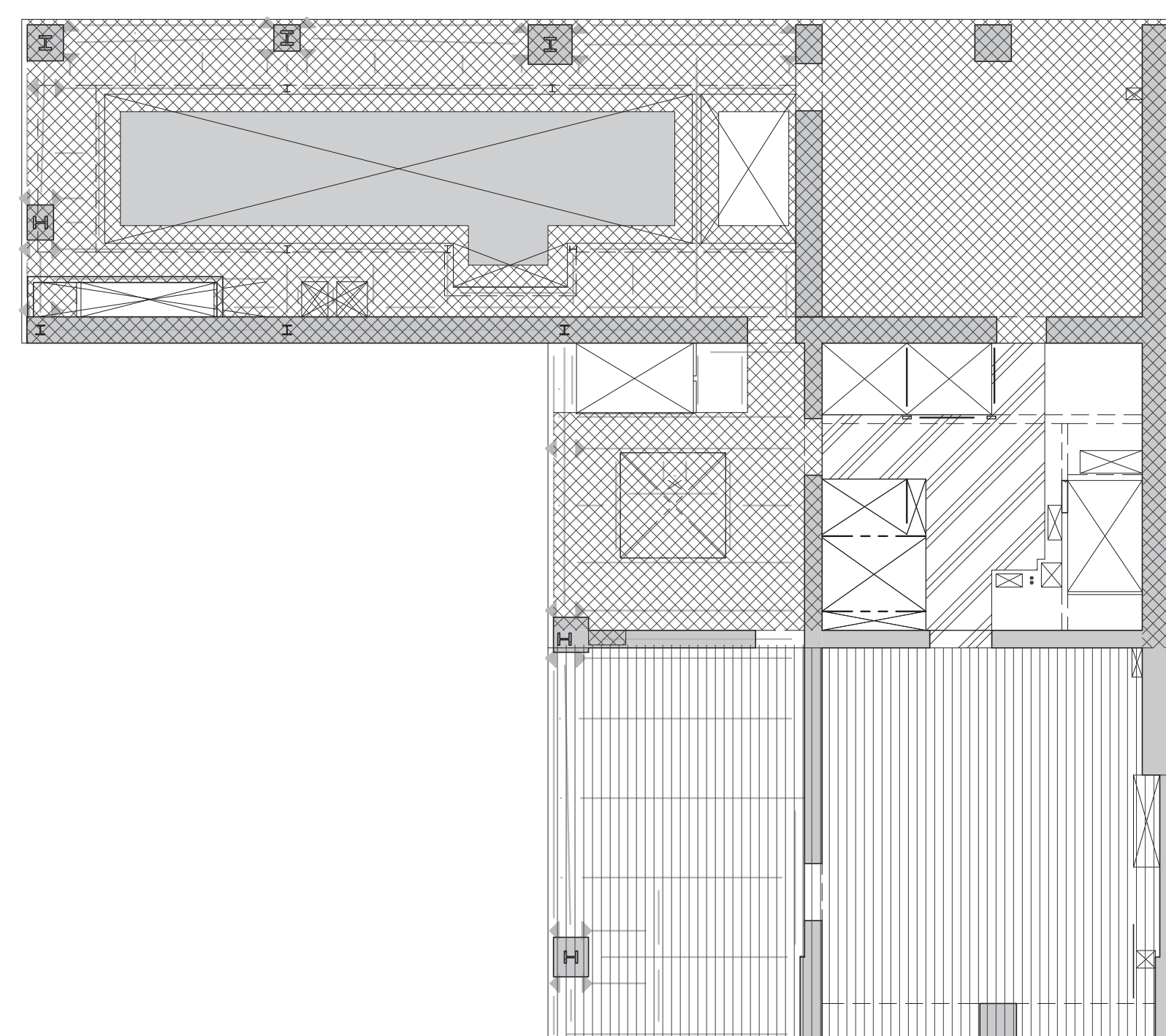
3 9TH FLOOR LOADING DIAGRAM
S-672 SCALE: 1/16" = 1'-0"

9TH FLOOR LOADING SCHEDULE						
AREA	SUPERIMPOSED DEAD LOAD ^a				LIVE LOAD ^{b,c}	REMARKS
	FINISH FLR (lb/ft ²)	BUILT UP (lb/ft ²)	MISC. (lb/ft ²)	CEILING (lb/ft ²)		
				50	150	MEP FLOOR
98			32	12	40	RESIDENTIAL ELEVATOR LOBBY





NOTES

NOTES:

- DEAD LOAD IS BASED ON SLAB CONSTRUCTION AND FRAMING SELF-WEIGHT AS INDICATED ON THE CORRESPONDING FLOOR FRAMING.
- LIVE LOAD REDUCTION IS CONSIDERED BASED ON NYC BUILDING CODE.
- THE MAX. OF THE SPECIFIED LOAD IN THIS SCHEDULE OR SPECIFIED MECH. LOADS AS SHOWN ON DRAWINGS.

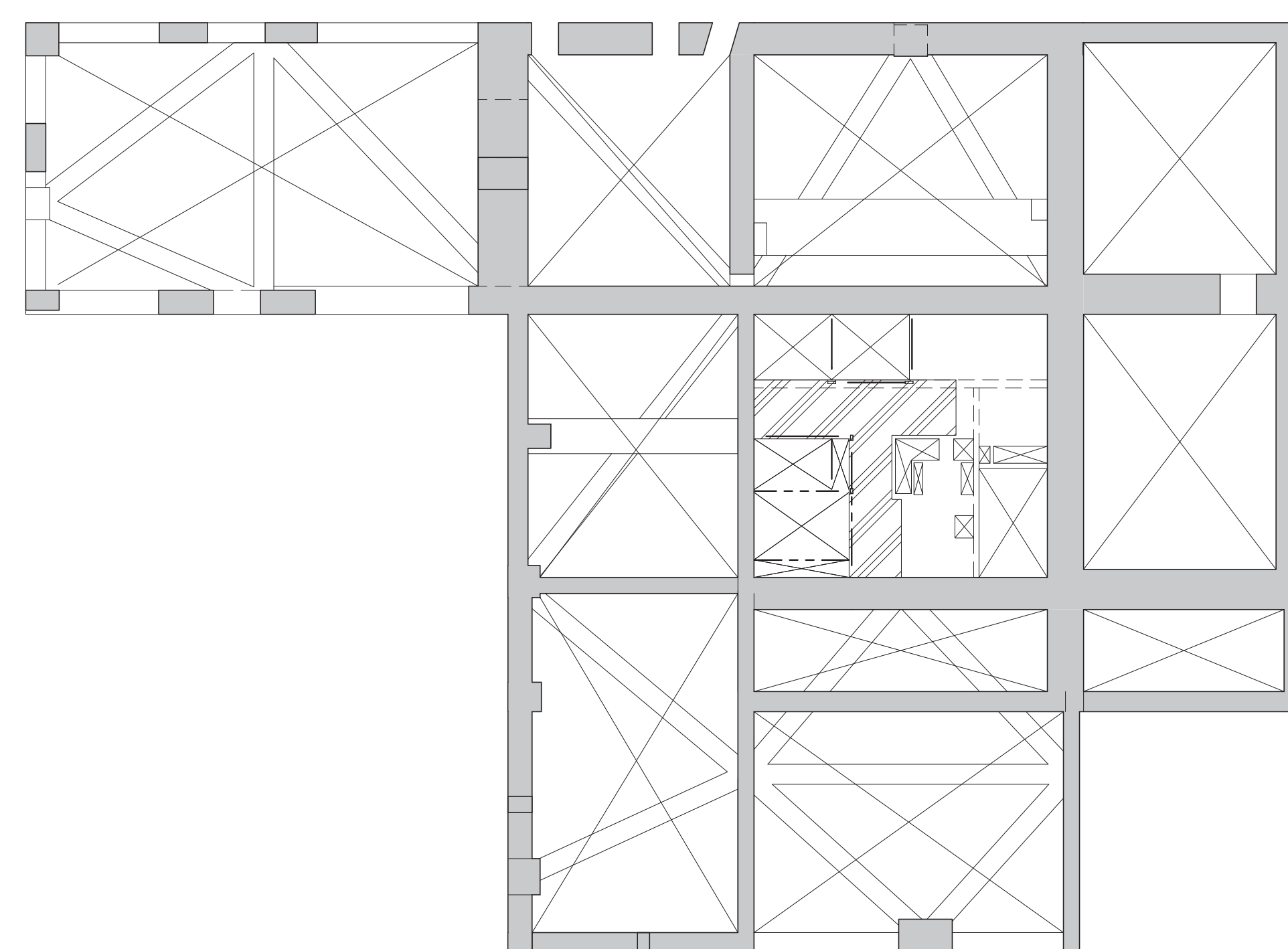


4 10TH FLOOR LOADING DIAGRAM
S-672 SCALE: 1/16" = 1'-0"


10TH FLOOR LOADING SCHEDULE							
AREA	SUPERIMPOSED DEAD LOAD ^a					LIVE LOAD ^{b,c}	REMARKS
	FINISH/FILL (lb/ft ²)	BUILT UP (lb/ft ²)	MISC. (lb/ft ²)	MEP + CEILING (lb/ft ²)	PARTITION (PSF)		
	40					300d	CONSTRUCTION LOADING. SEE TYPICAL DETAILS FOR ADD. REINFORCEMENT
	38			32	12	40	RESIDENTIAL ELEVATOR LOBBY
	50	50				300d	CONSTRUCTION LOADING. SEE TYPICAL DETAILS FOR ADD. REINFORCEMENT
	95			40		350	SEE TYPICAL DETAILS FOR ADD. REINFORCEMENT

NOTES

a. DEAD LOAD IS BASED ON SLAB CONSTRUCTION AND FRAMING SELF-WEIGHT AS INDICATED ON THE CORRESPONDING FLOOR FRAMING.
b. LIVE LOAD REDUCTION IS CONSIDERED BASED ON NYC BUILDING CODE.
c. THE MAX. OF THE SPECIFIED LOAD IN THIS SCHEDULE OR SPECIFIED MECH. LOADS AS SHOWN ON DRAWINGS.
d. 300PSF IN TABLE IS CONSTRUCTION LIVE LOAD. PERMANENT SUPER-IMPOSED DEAD LOAD (100PSF) + LIVE LOAD (100PSF) ARE LESS THAN THIS CONSTRUCTION LOAD.

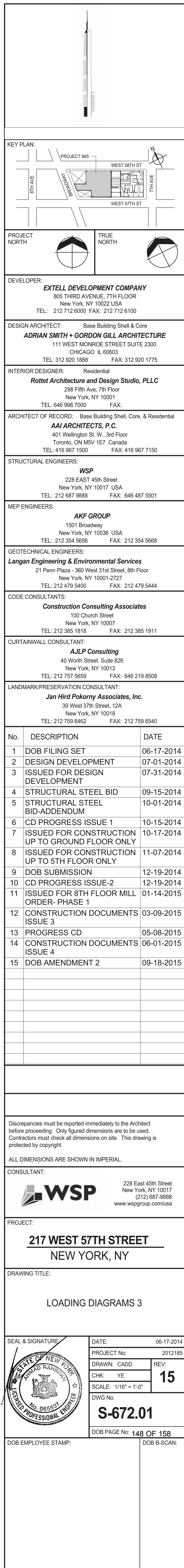


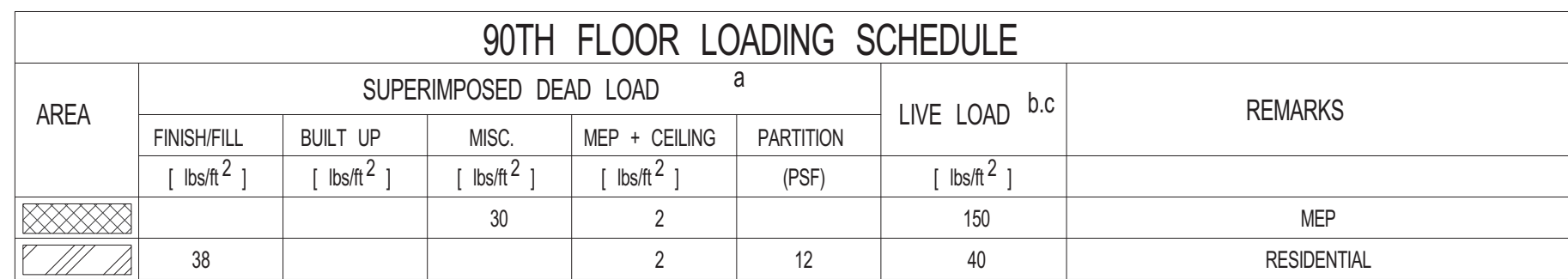
5 11TH FLOOR MEZZANINE LOADING DIAGRAM
S-672 SCALE: 1/16" = 1'-0"

11TH FLOOR MEZZANINE LOADING SCHEDULE							
AREA	SUPERIMPOSED DEAD LOAD ^a					LIVE LOAD ^{b,c}	REMARKS
	FINISH/FILL [lb/sft ²]	BUILT UP [lb/sft ²]	MISC. [lb/sft ²]	MEP + CEILING [lb/sft ²]	PARTITION (PSF)		
	36			50	12	40	RESIDENTIAL ELEVATOR LOBBY

NOTE

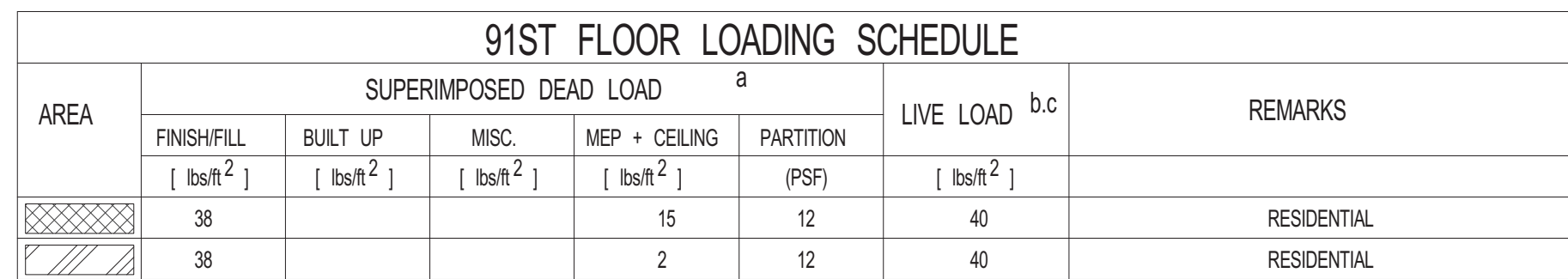
a. DEAD LOAD IS BASED ON SLAB CONSTRUCTION AND FRAMING SELF-WEIGHT AS INDICATED ON THE CORRESPONDING FLOOR FRAMING.
b. LIVE LOAD REDUCTION IS CONSIDERED BASED ON NYC BUILDING CODE.
c. THE MAX. OF THE SPECIFIED LOAD IN THIS SCHEDULE OR SPECIFIED MECH. LOADS AS SHOWN ON DRAWINGS.





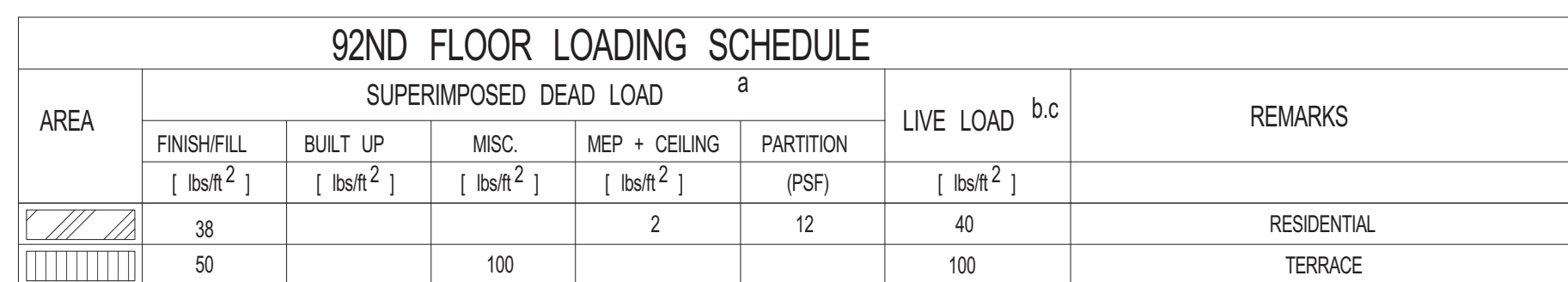
NOTES:

- DEAD LOAD IS BASED ON FLOOR CONSTRUCTION AND FRAMING SELF-WEIGHT AS INDICATED ON THE CORRESPONDING FLOOR FRAMING.
- LIVE LOAD REDUCTION IS CONSIDERED BASED ON NYC BUILDING CODE.
- THE MAX. OF THE SPECIFIED LOAD IN THIS SCHEDULE OR SPECIFIED MECH. LOADS AS SHOWN ON DRAWINGS.



NOTES:

- DEAD LOAD IS BASED ON FLOOR CONSTRUCTION AND FRAMING SELF-WEIGHT AS INDICATED ON THE CORRESPONDING FLOOR FRAMING.
- LIVE LOAD REDUCTION IS CONSIDERED BASED ON NYC BUILDING CODE.
- THE MAX. OF THE SPECIFIED LOAD IN THIS SCHEDULE OR SPECIFIED MECH. LOADS AS SHOWN ON DRAWINGS.





NOTES:

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b. LIVE LOAD REDUCTION IS CONSIDERED BASED ON AISC BUILDING CODE.



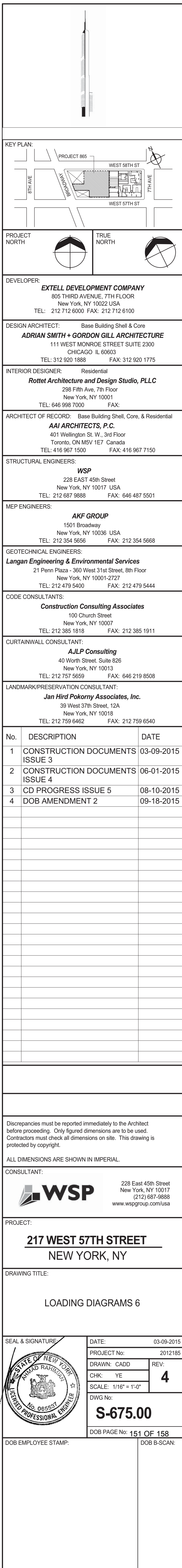
94TH FLOOR LOADING SCHEDULE							
AREA	SUPERIMPOSED DEAD LOAD ^a				LIVE LOAD ^{b,c}	REMARKS	
	FINISHFL	BUILT UP	MISC	MEP + CEILING			PARTITION
	[lb/sq ²]	[lb/sq ²]	[lb/sq ²]	[lb/sq ²]			
			30		150	MEP	
			50		50	DAMPER	

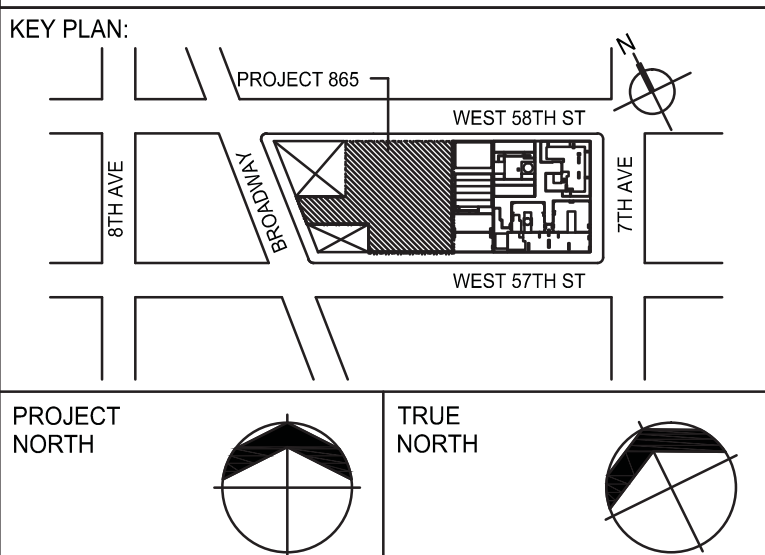
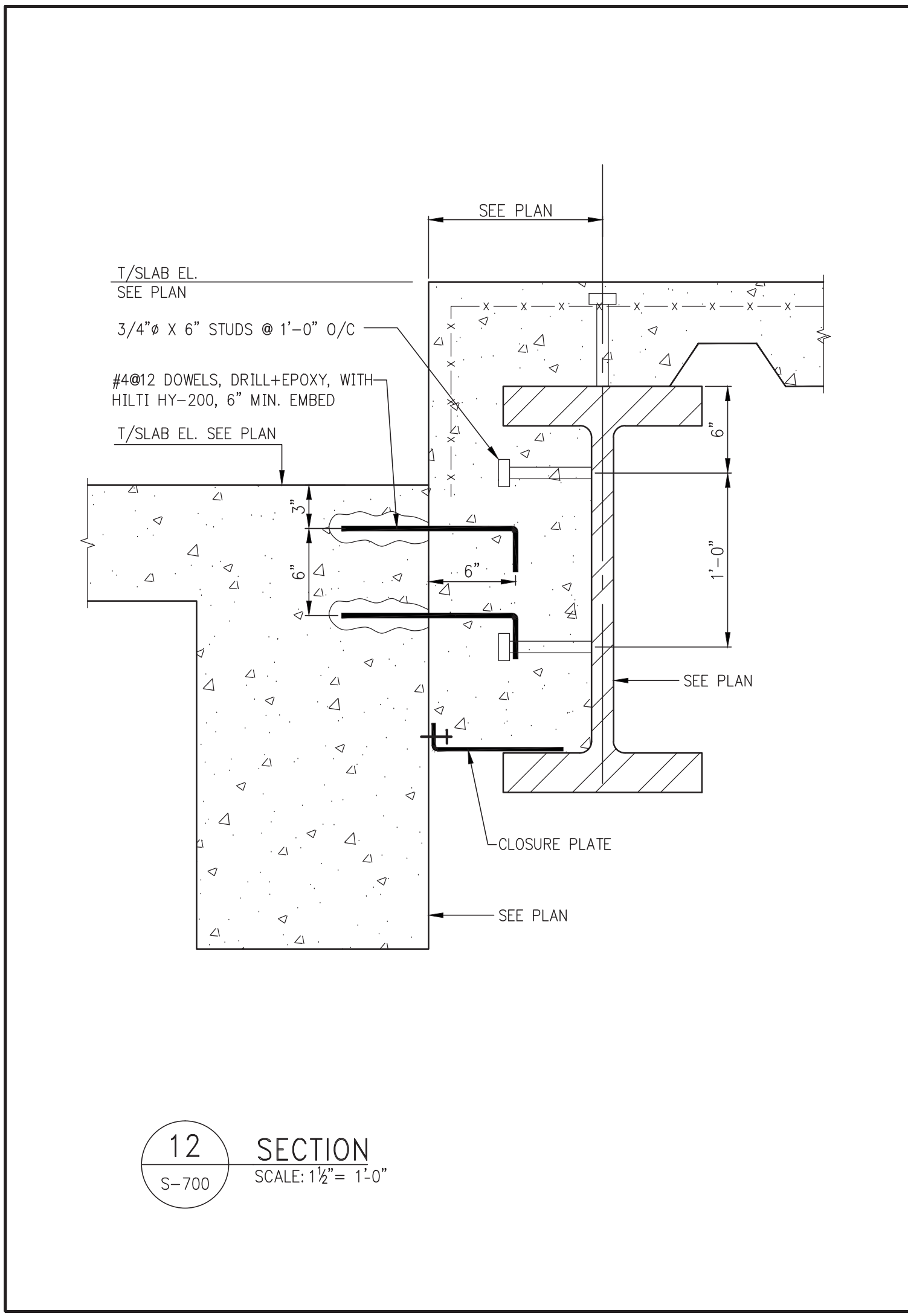
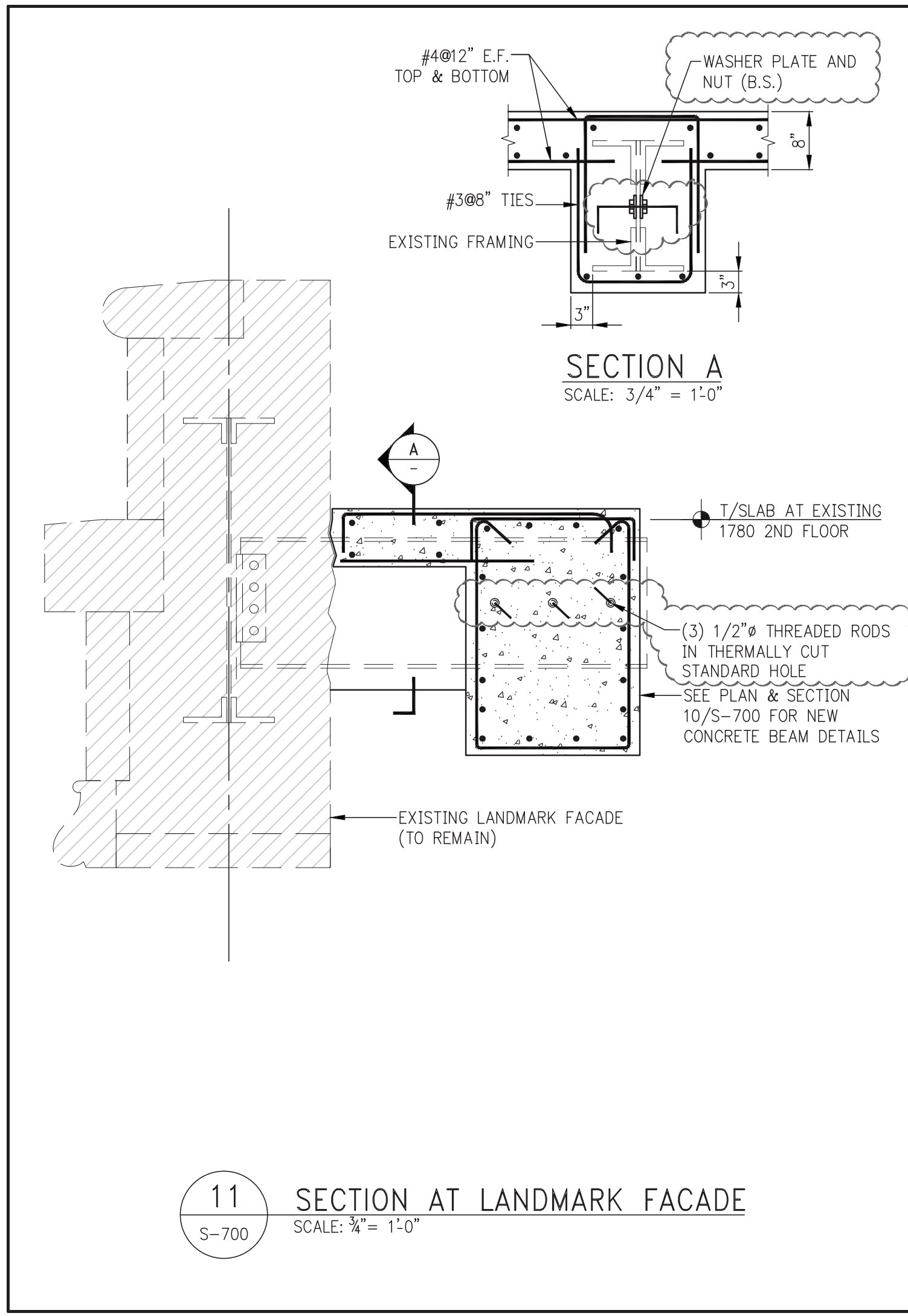
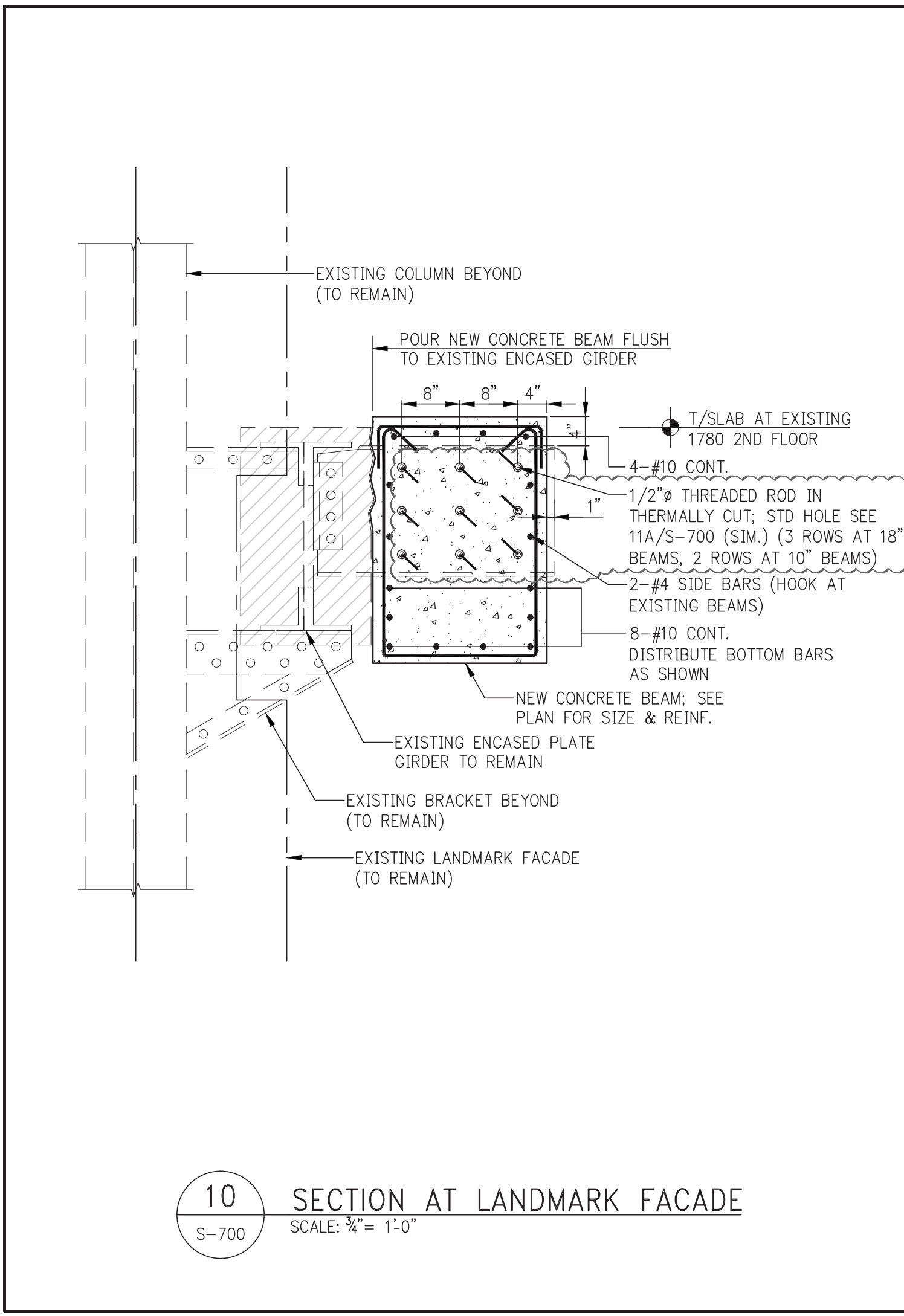
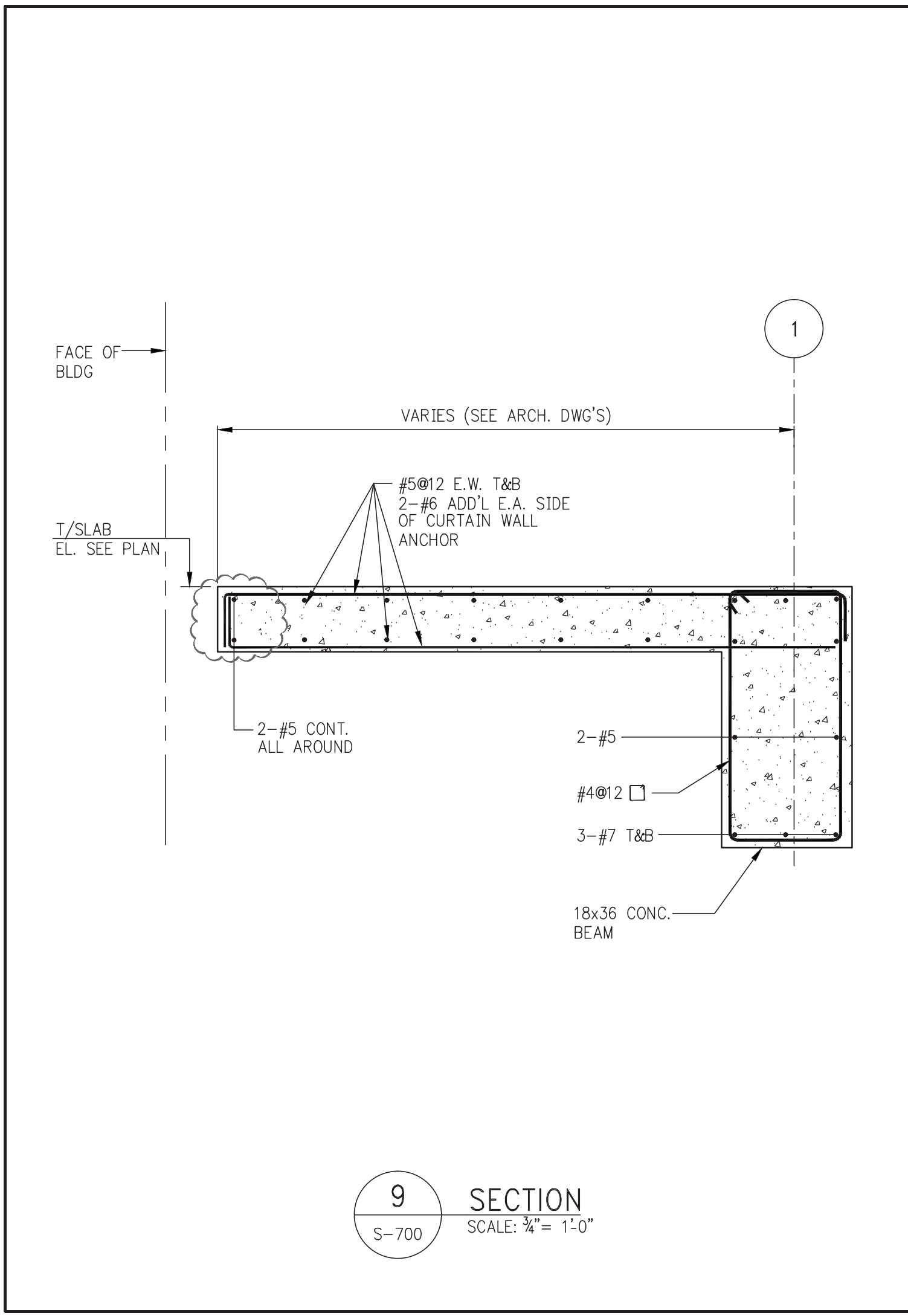
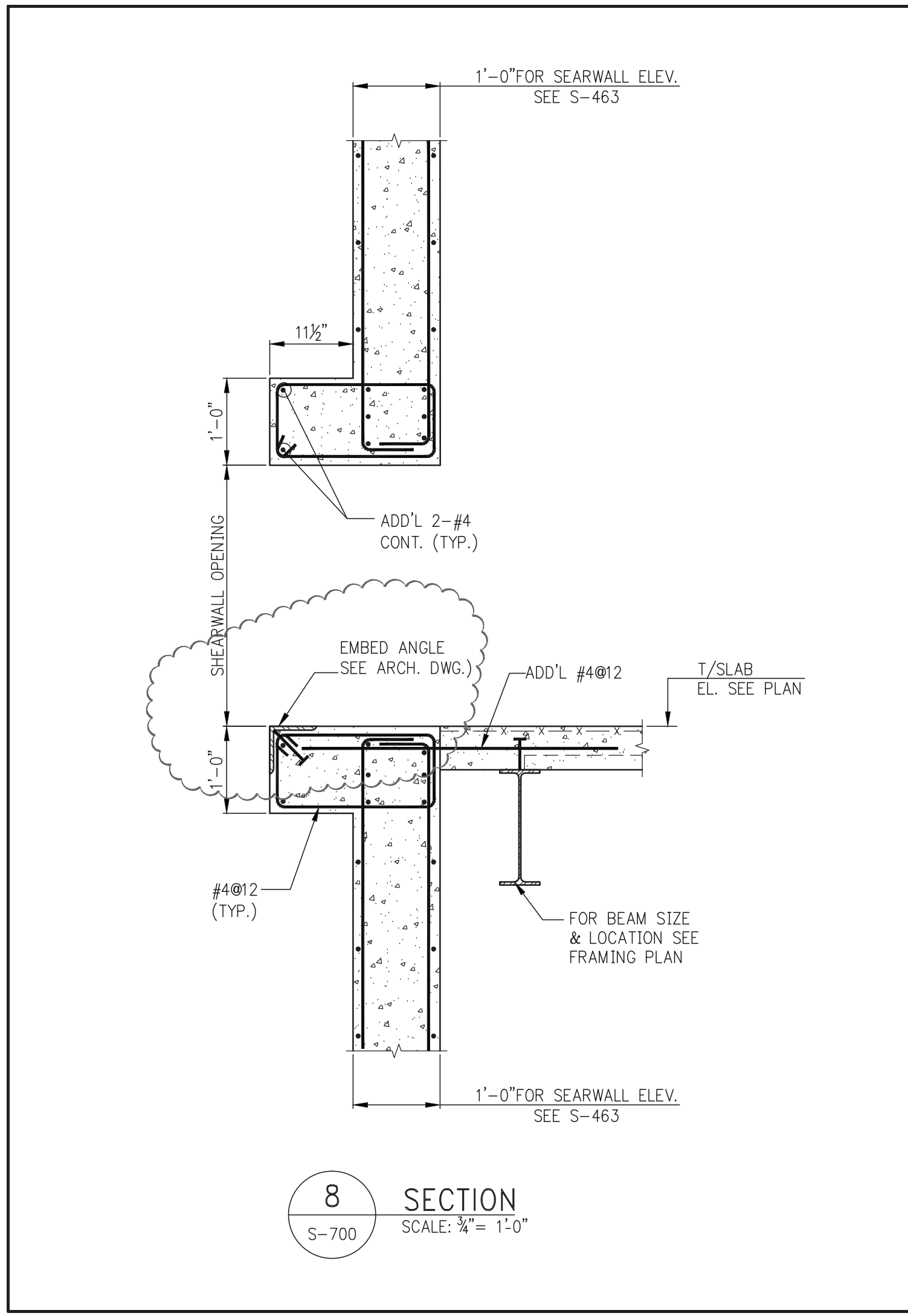
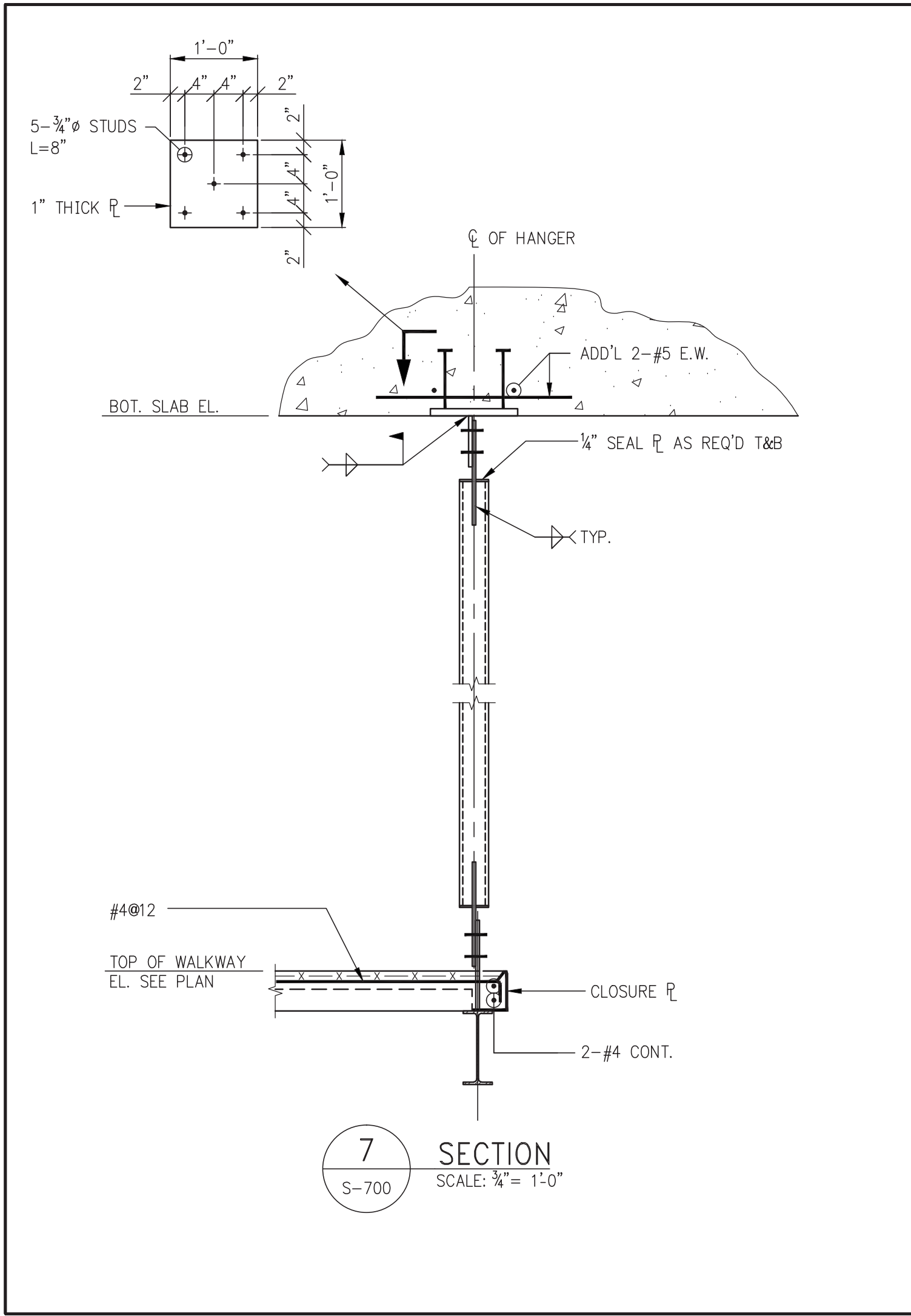
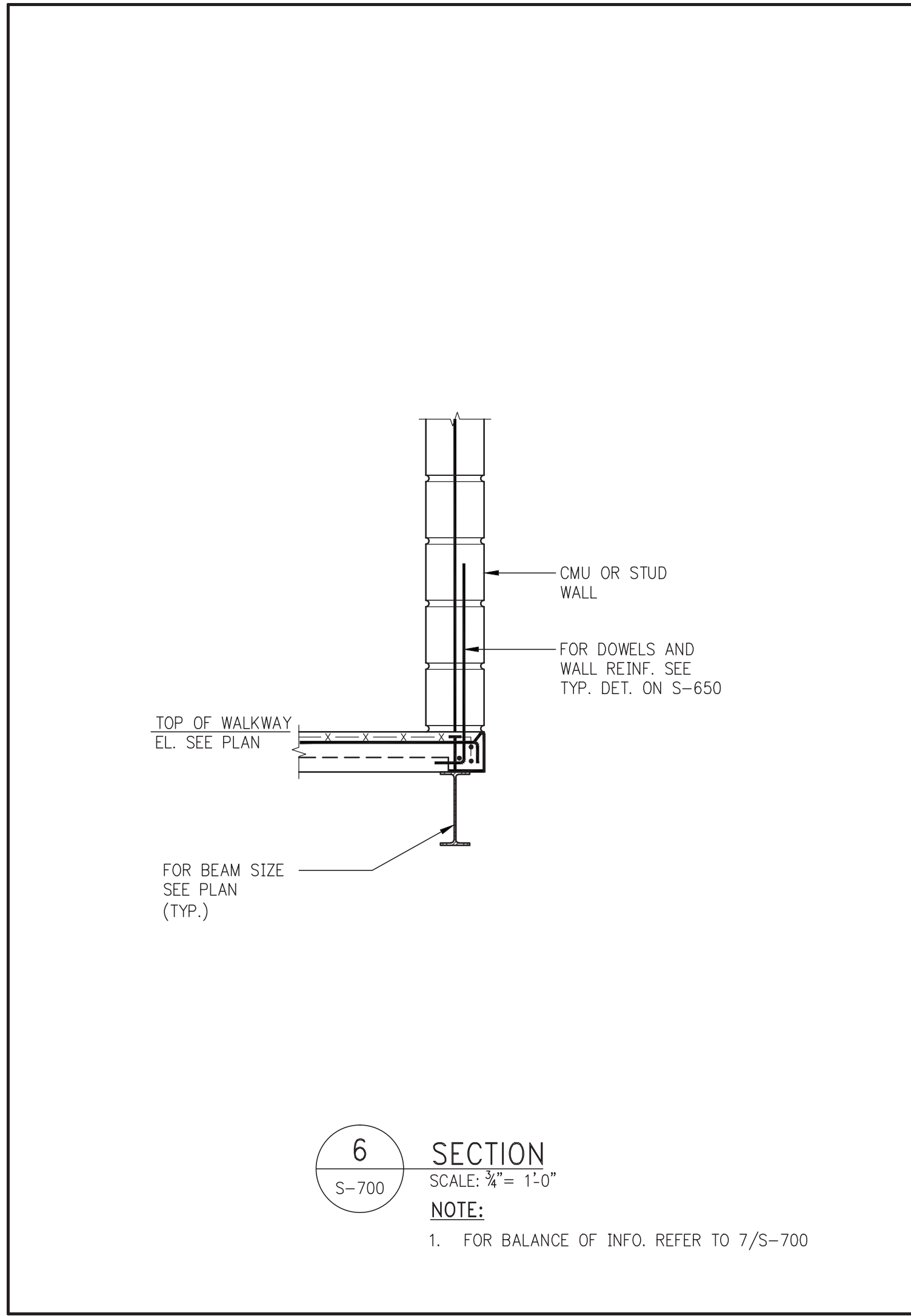
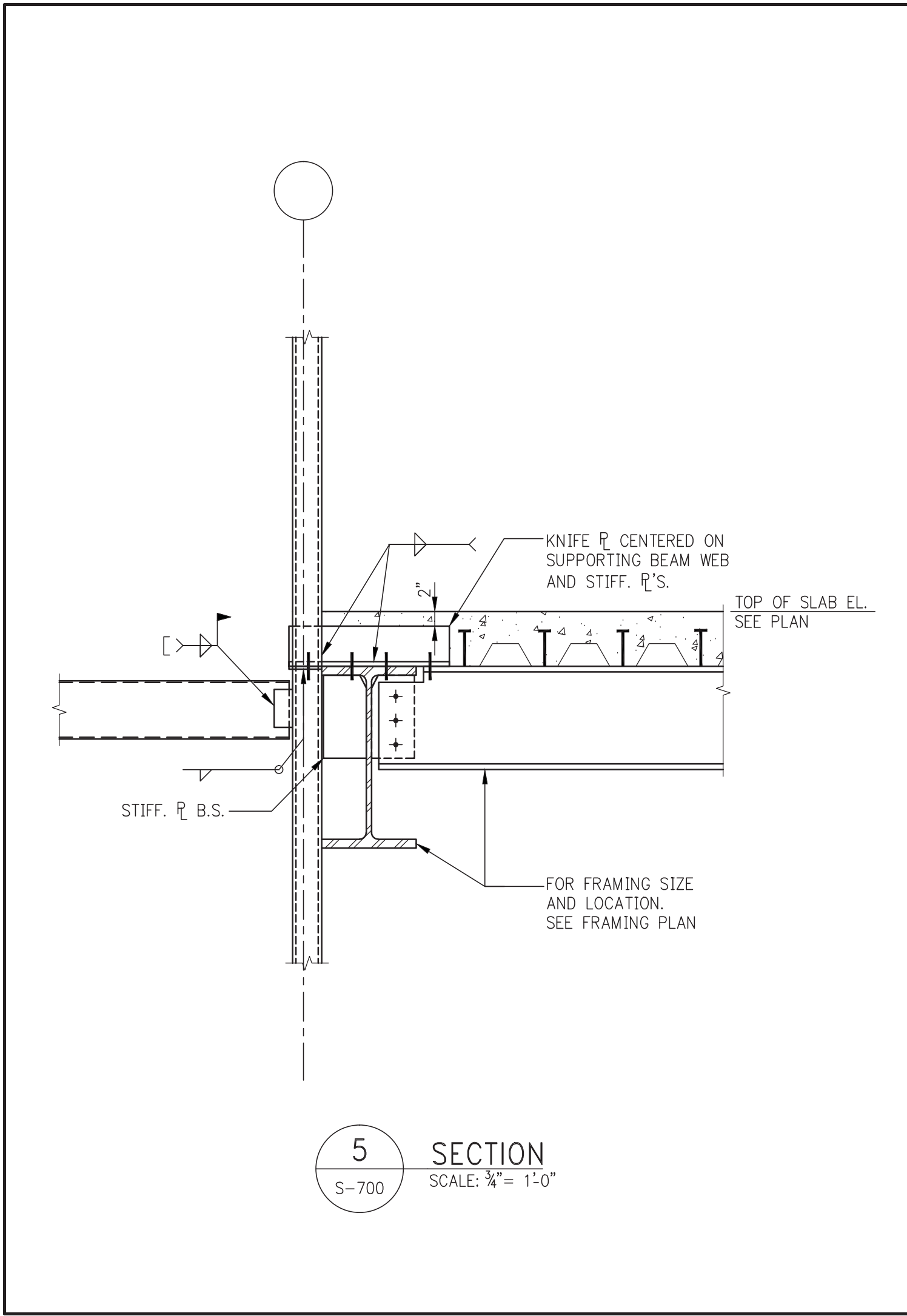
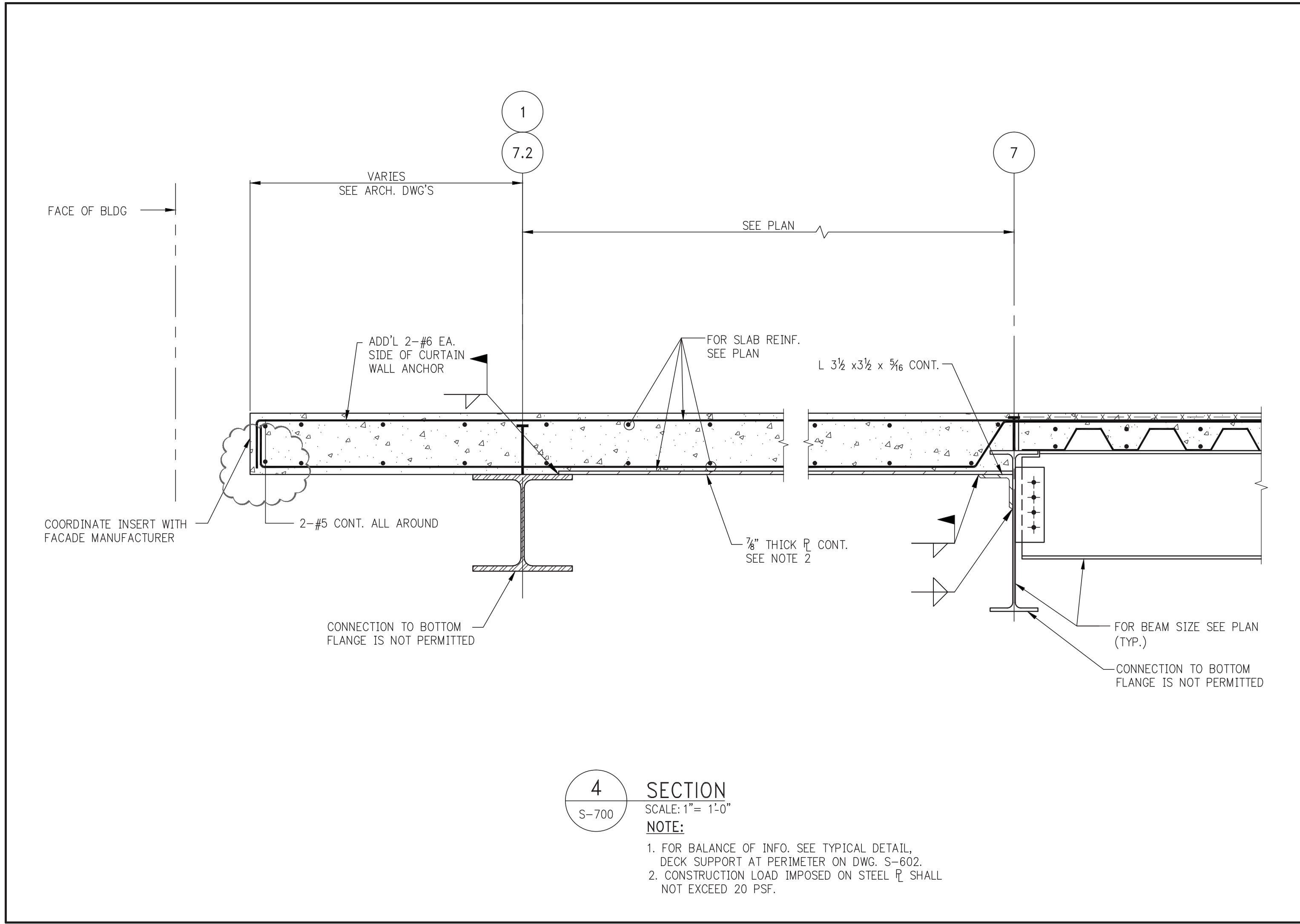
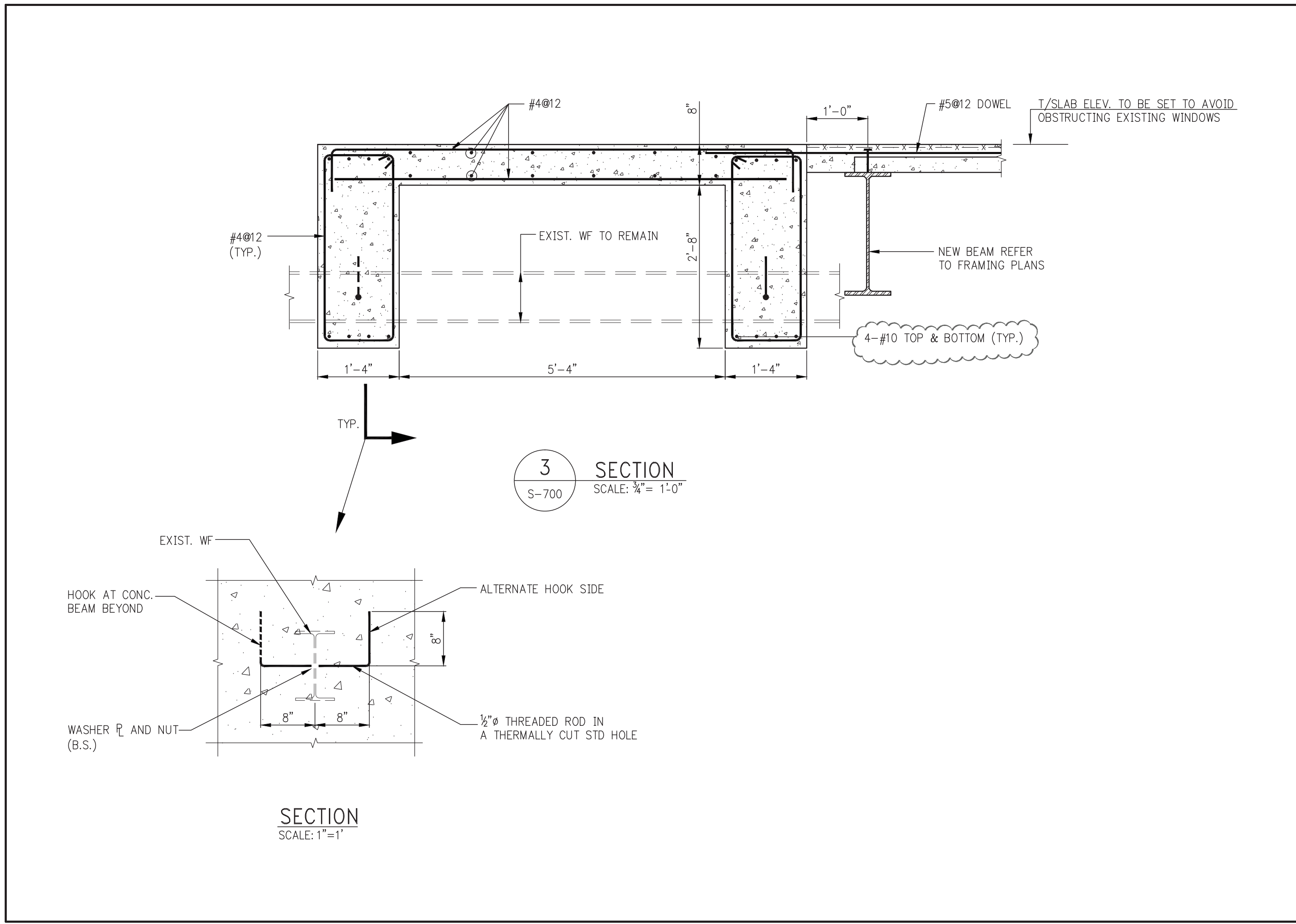
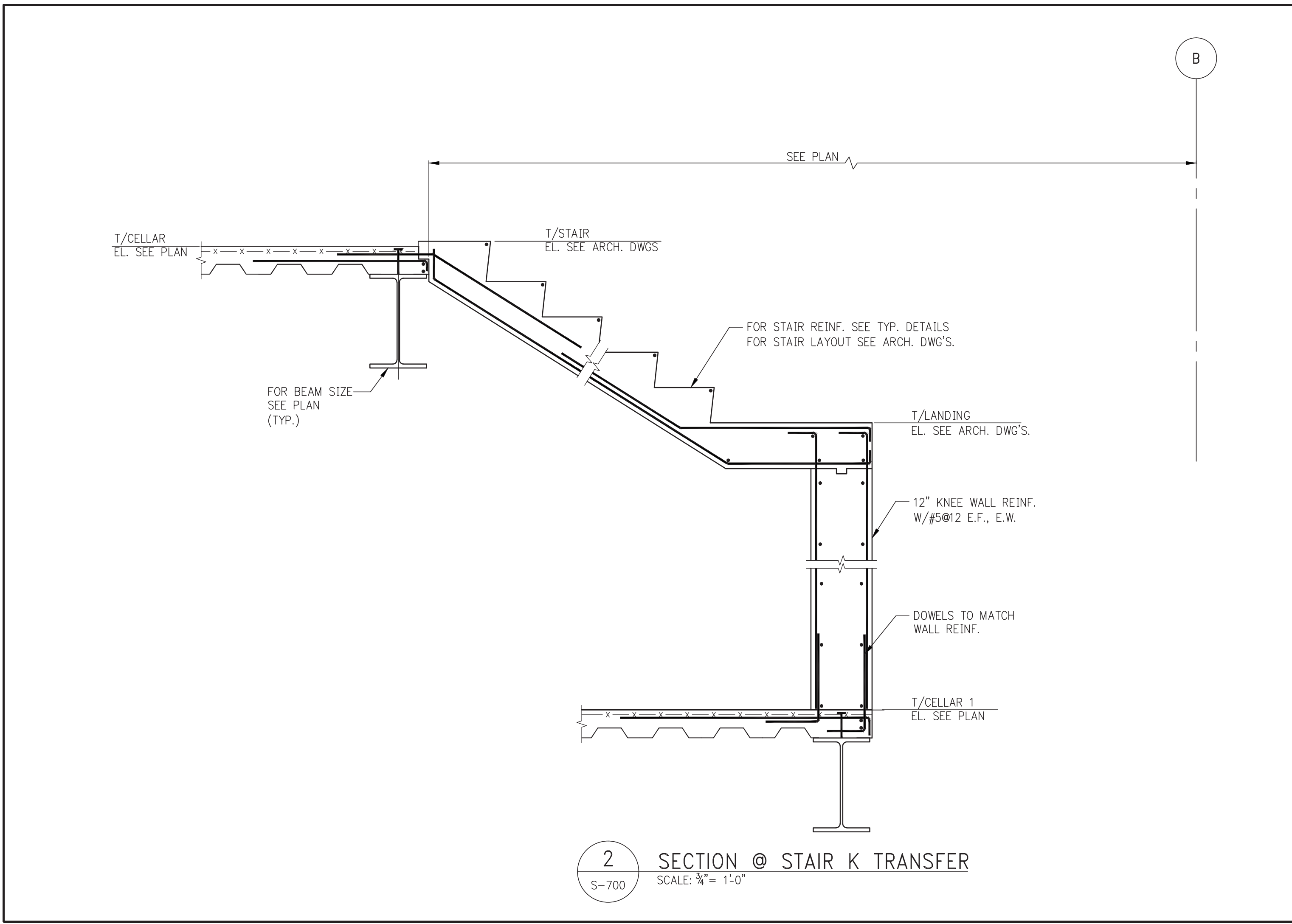
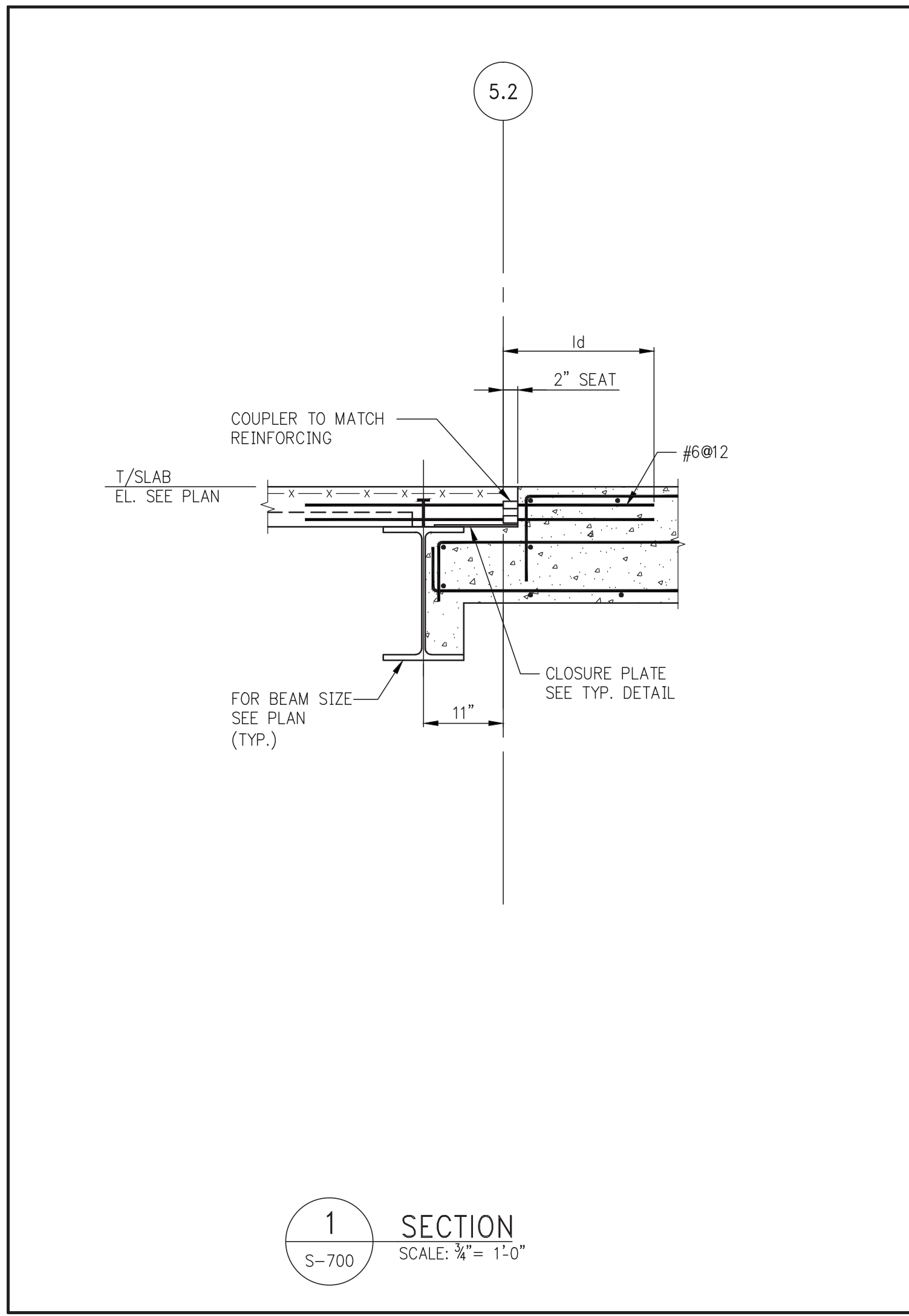
NOTES:

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- LIVE LOAD REDUCTION IS CONSIDERED BASED ON NYC BUILDING CODE.
- THE MAX. OF THE SPECIFIED LOAD IN THIS SCHEDULE OR SPECIFIED MECH. LOADS AS SHOWN ON DRAWINGS.

TOWER LOADING SCHEDULE								LIVE LOAD	REMARKS
FLOOR	SUPERIMPOSED DEAD LOAD					TOTAL			
	PARTITIONS [kg m^{-2}]	MEP + CEILING [kg m^{-2}]	FLOOR/SLAB UP [kg m^{-2}]	FINISH [kg m^{-2}]	MISC. [kg m^{-2}]				
6TH FLOOR					30	30	150		MEP FLOOR
11TH FLOOR					30	30	150		MEP FLOOR
27TH FLOOR					30	30	150 *		MEP FLOOR
46TH FLOOR					30	30	150 *		MEP FLOOR
46TH-46TH FLOOR	12	2		38		52	40 *		RESIDENTIAL
67TH FLOOR					30	30	150 *		MEP FLOOR
67TH FLOOR MEZZ					30	30	150 *		MEP FLOOR
67TH FLOOR	12	2		38		52	40 *		RESIDENTIAL
70ND-69TH FLOOR	12	2		38		52	40		RESIDENTIAL
94TH-98TH FLOOR					30	30	150 *		MEP FLOOR
98TH FLOOR					30	30	150		ROOF

* THE MAX. OF THE SPECIFIED LOAD IN THIS SCHEDULE OR SPECIFIED MECH LOAD AS SHOWN ON DWGS.





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LANDMARK/PRESERVATION CONSULTANT:
Jan Hird Pokorny Associates, Inc.
39 West 37th Street, 12A
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TEL: 212 759 6462 FAX: 212 759 6540

No.	DESCRIPTION	DATE
1	STEEL BID PACKAGE	05-22-2014
2	SUPERSTRUCTURE CONCRETE BID	08-02-2014
3	DESIGN DEVELOPMENT	07-01-2014
4	ISSUED FOR DESIGN DEVELOPMENT	07-31-2014
5	SE ZONE STEEL BID	08-20-2014
6	STRUCTURAL STEEL BID	09-15-2014
7	CD PROGRESS ISSUE 1	10-15-2014
8	ISSUED FOR CONSTRUCTION UP TO GROUND FL ONLY	10-17-2014
9	ISSUED FOR CONSTRUCTION UP TO 5TH FL ONLY	11-07-2014
10	ISSUED FOR CONSTRUCTION UP TO 7TH FL ONLY	11-14-2014
11	DOB SUBMISSION	12-19-2014
12	DOB SUBMISSION	02-05-2015
13	CD UPDATE ISSUE	02-16-2015
14	PROGRESS CD	05-08-2015
15	CONSTRUCTION DOCUMENTS ISSUE 4	06-01-2015
16	CD PROGRESS ISSUE 5	08-10-2015
17	DOB AMENDMENT 2	09-18-2015

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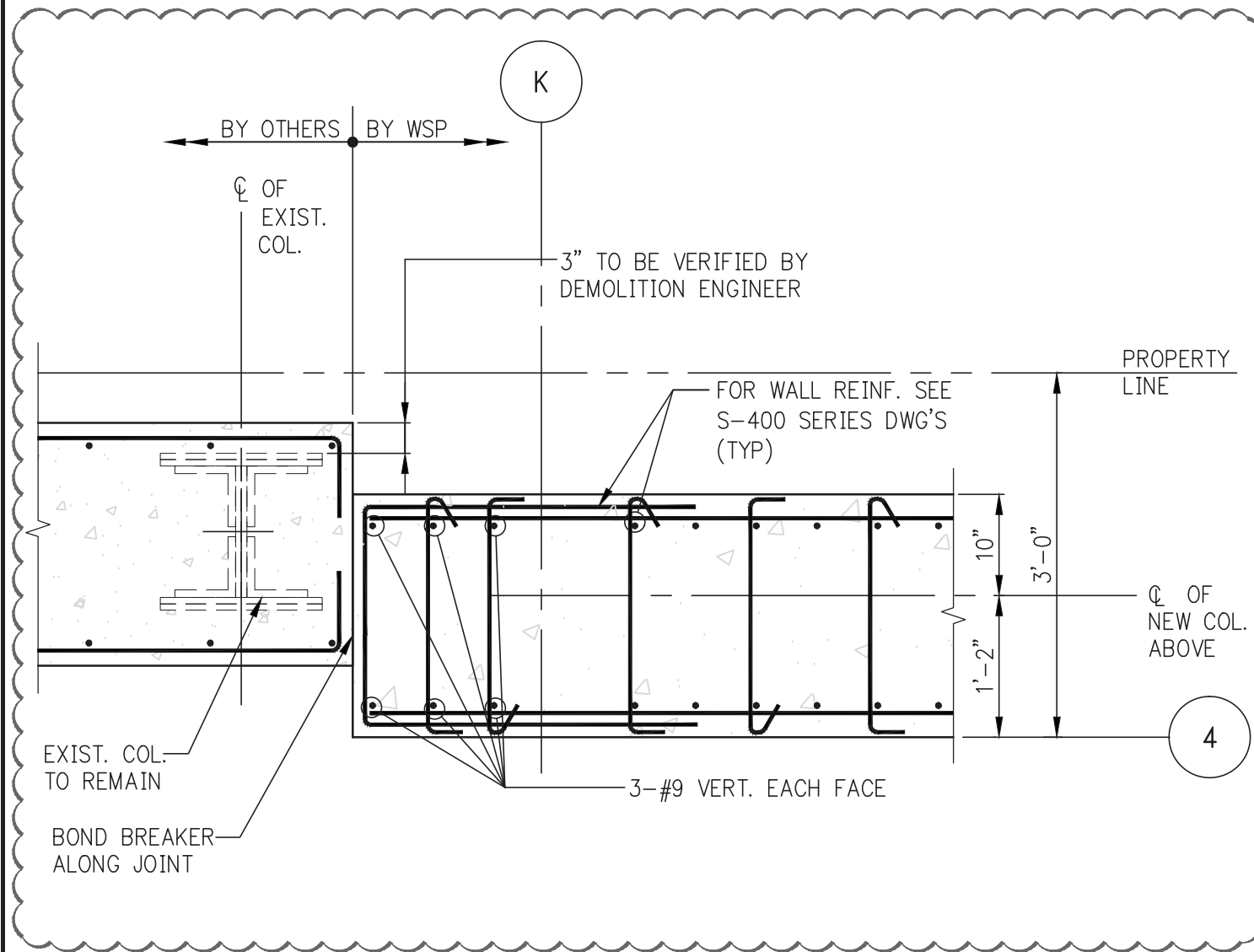
CONSULTANT:
WSP
228 East 45th Street
New York, NY 10017
(212) 687 8888
www.wspgroup.com/usa

PROJECT:
**217 WEST 57TH STREET
NEW YORK, NY**

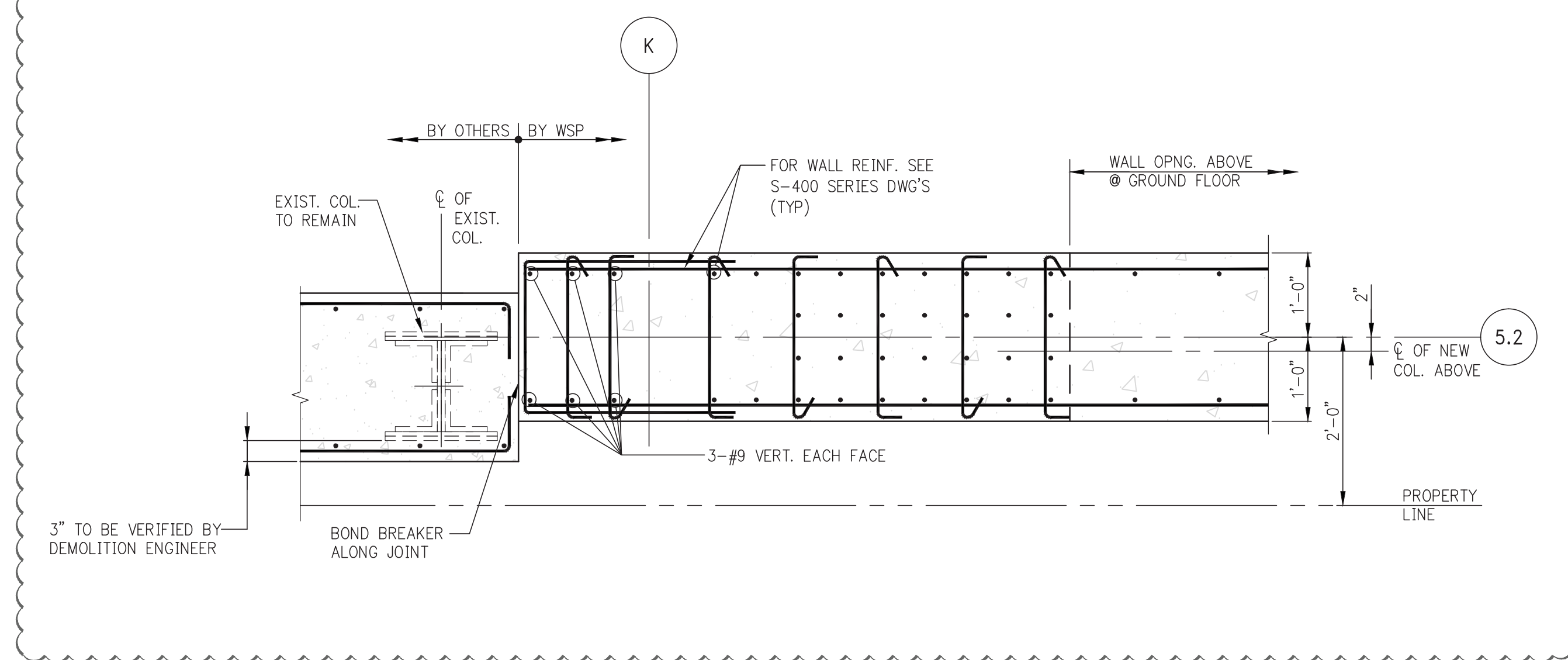
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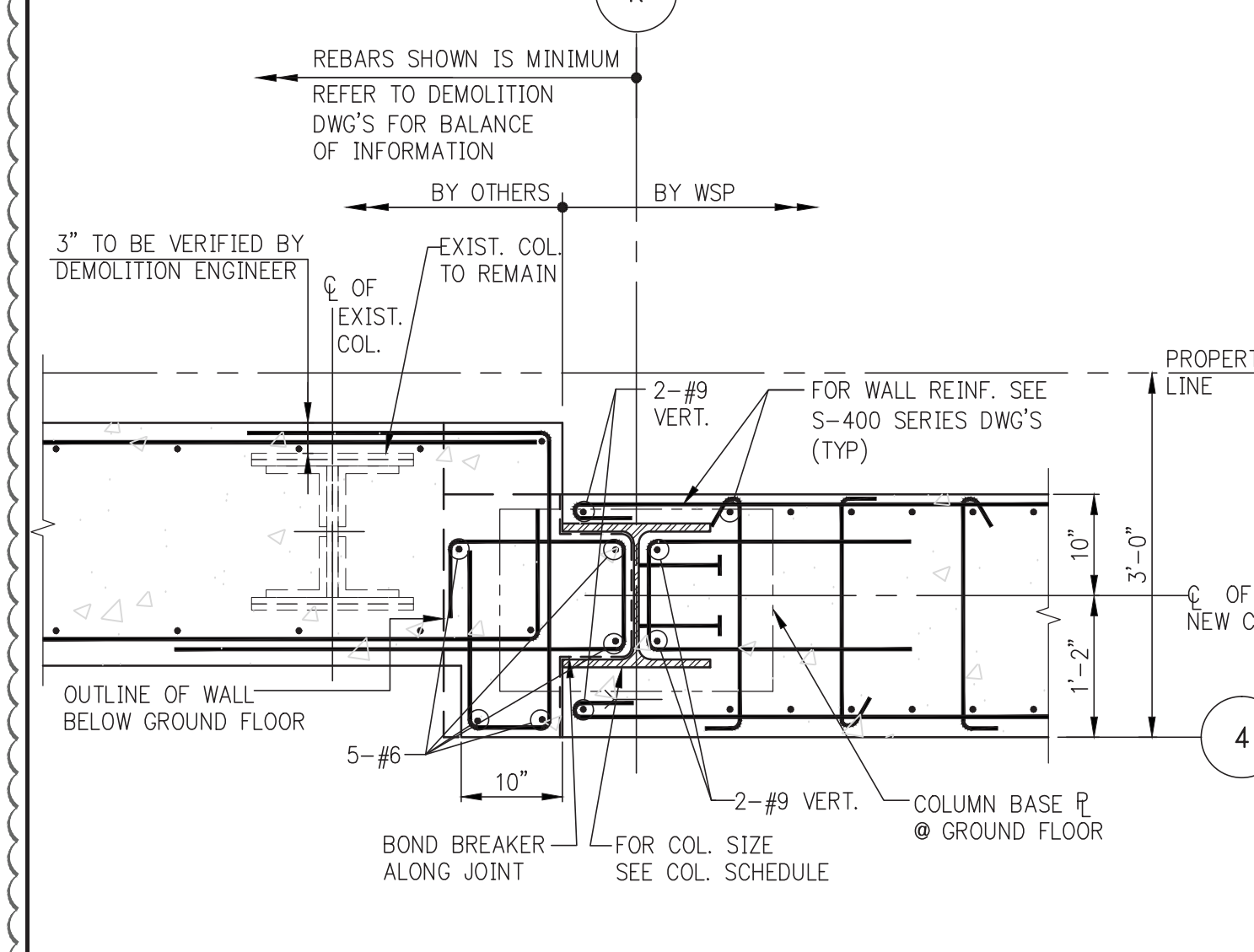
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CHK: Y.E.
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DOB PAGE No: 152 OF 158
DOB B-SCAN:



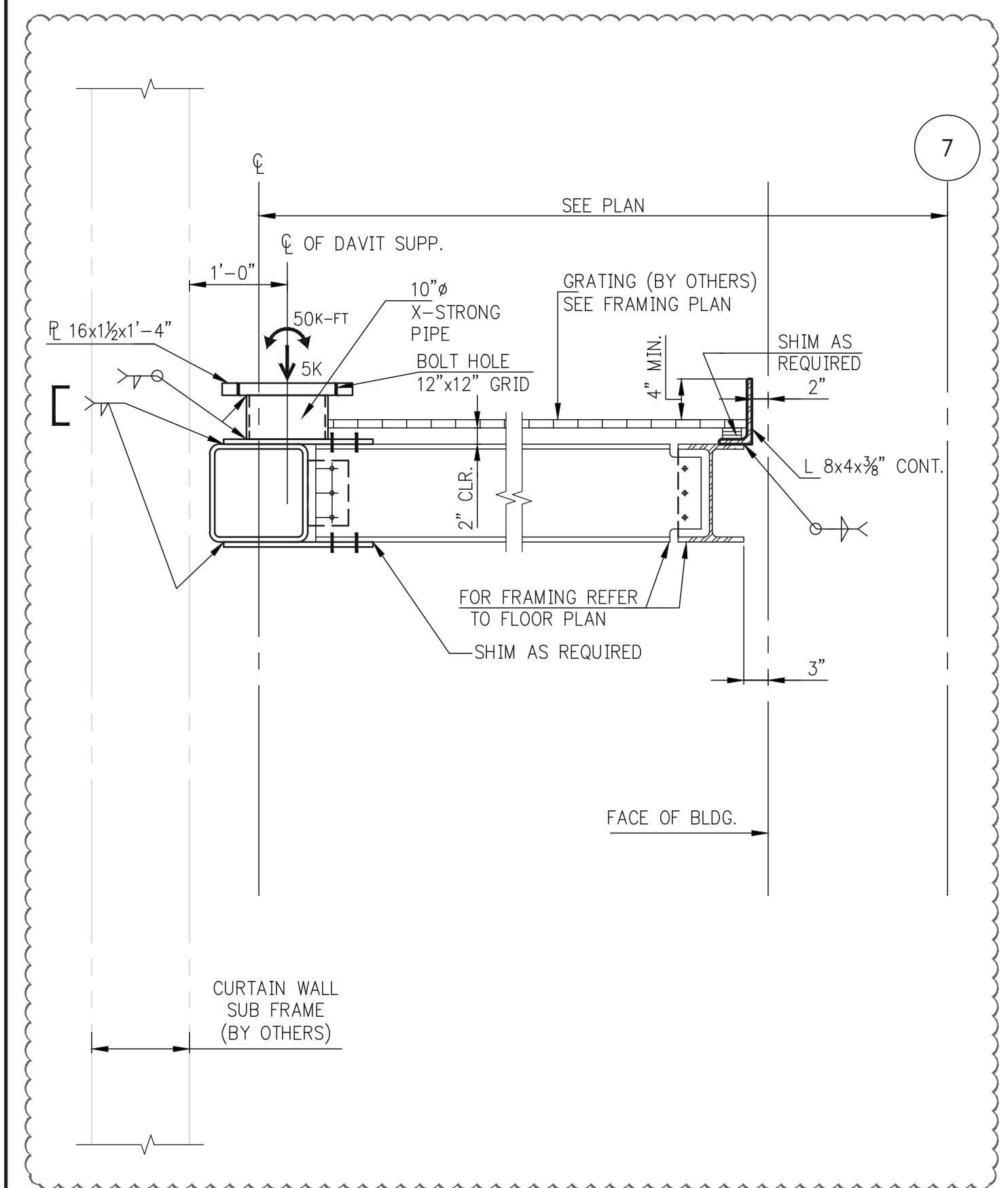
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SCALE: 3/4" = 1'-0"



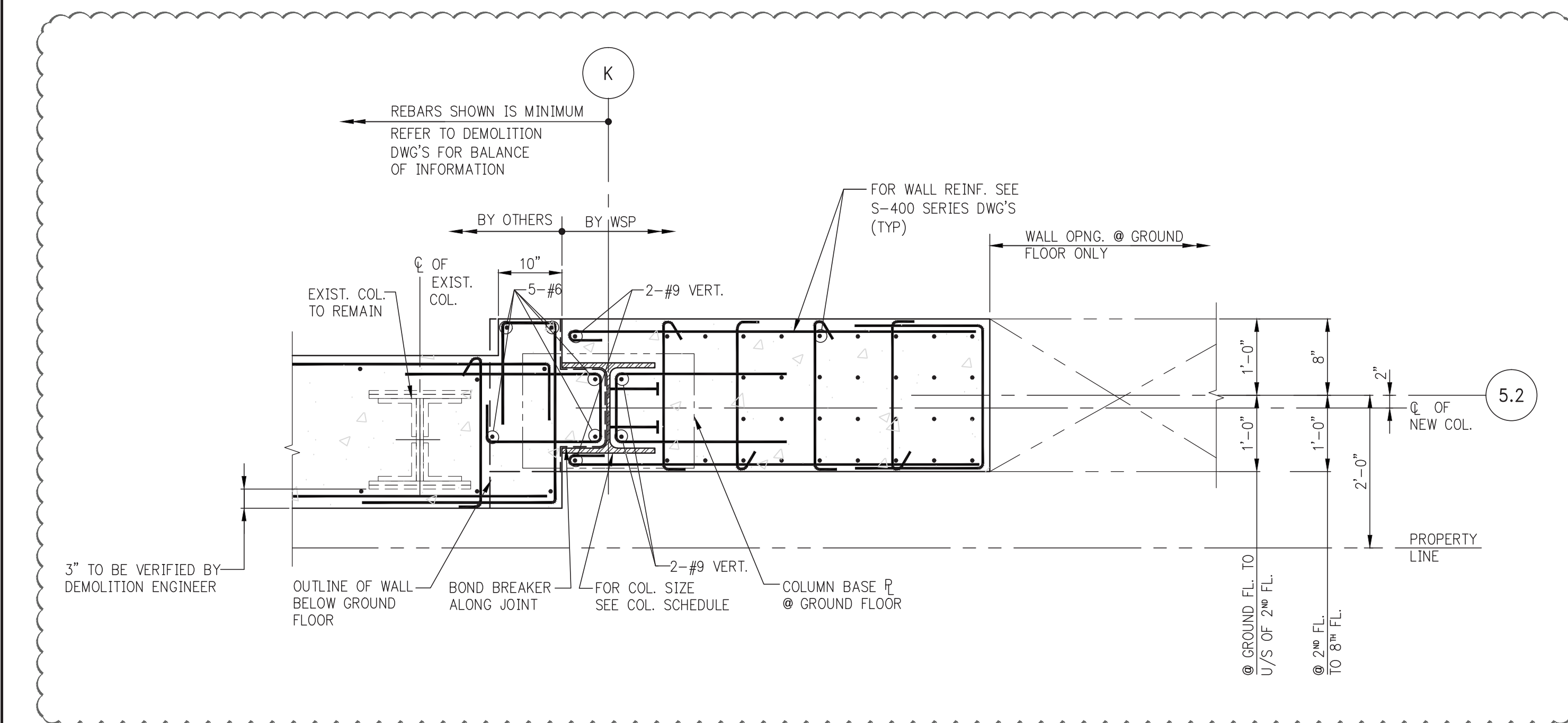
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SCALE: 3/4" = 1'-0"



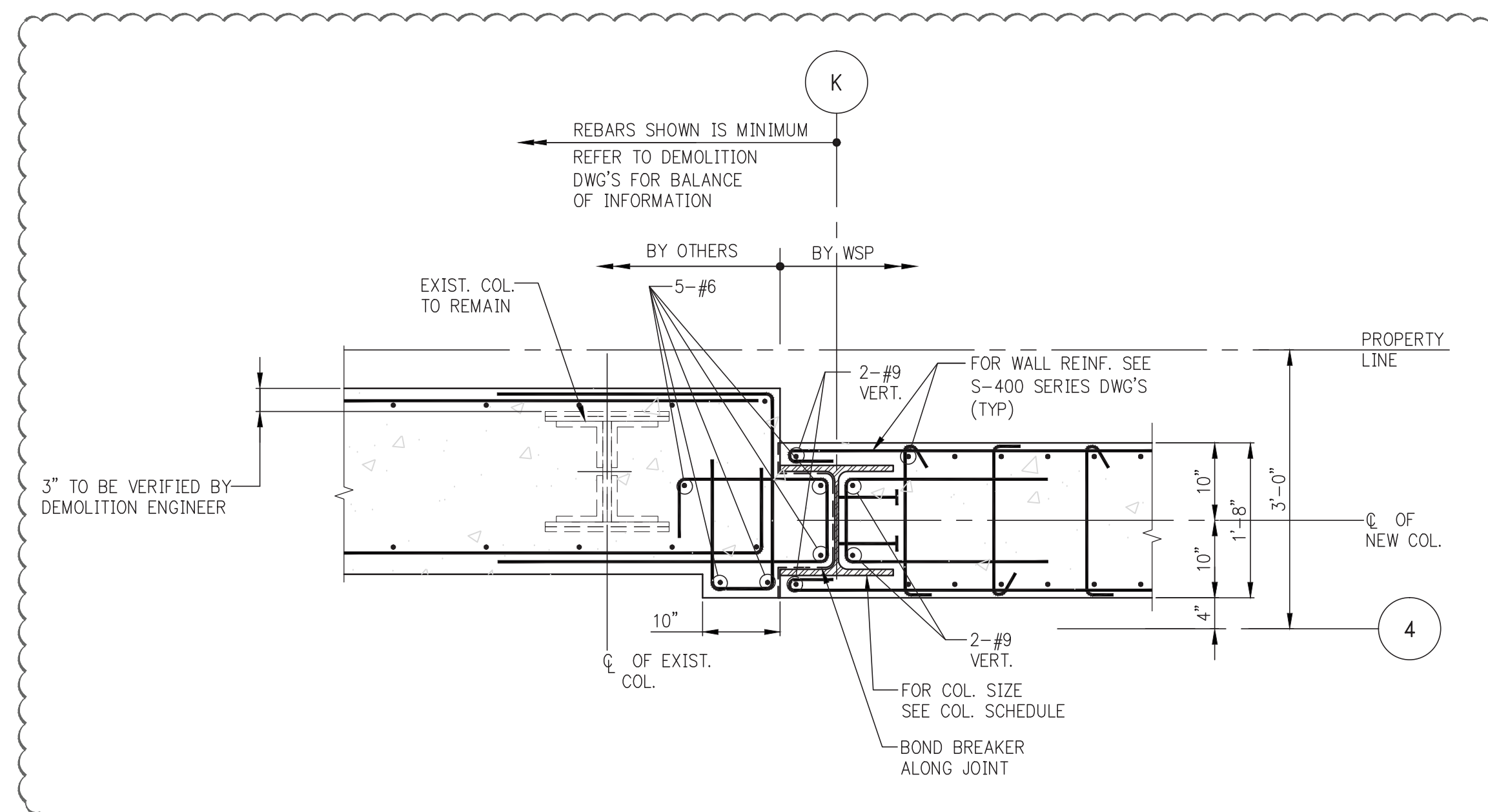
3 PLAN DETAIL (@ GROUND FL. TO 2ND FL. SLAB)
SCALE: 3/4" = 1'-0"



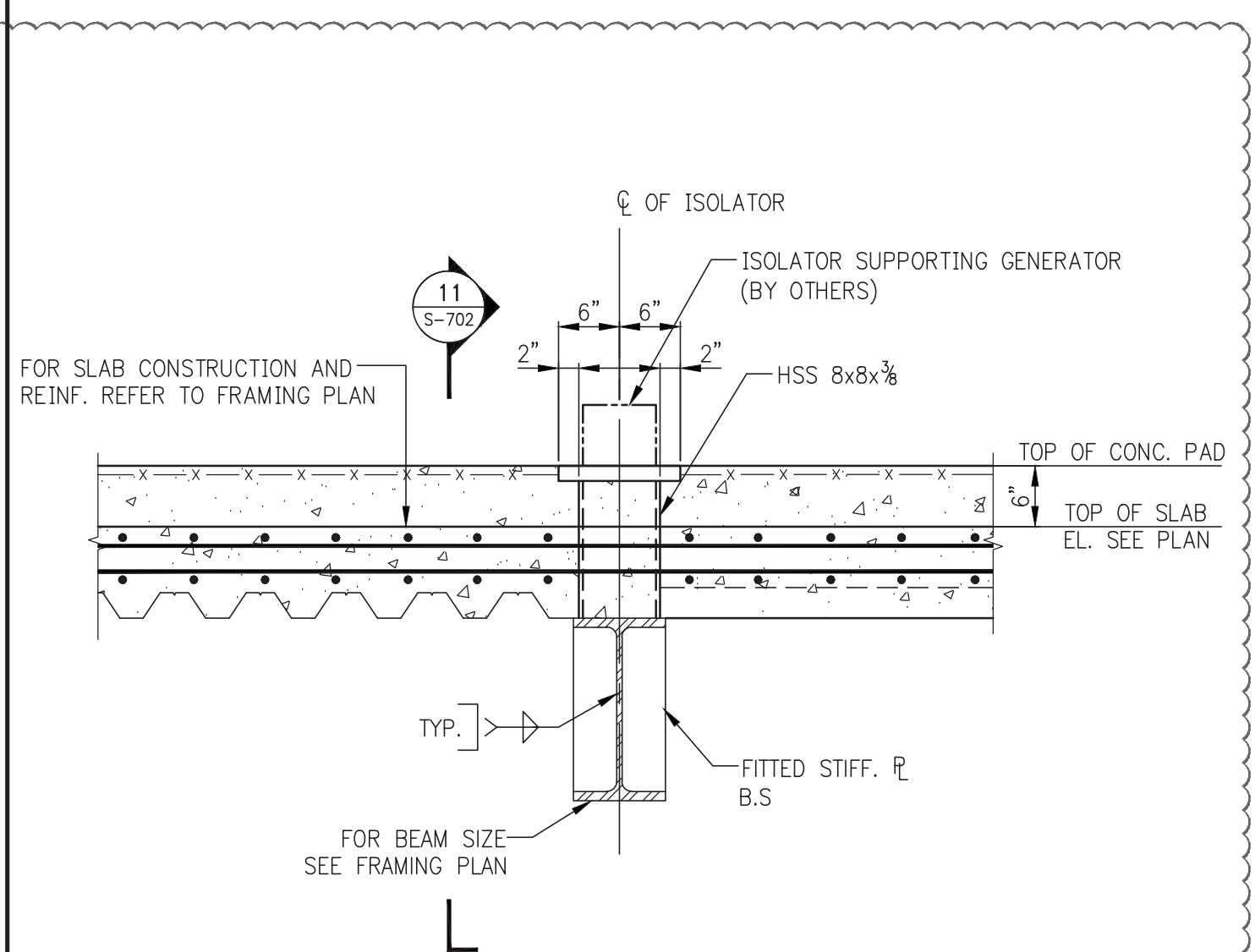
9 SECTION
SCALE: 3/4" = 1'-0"



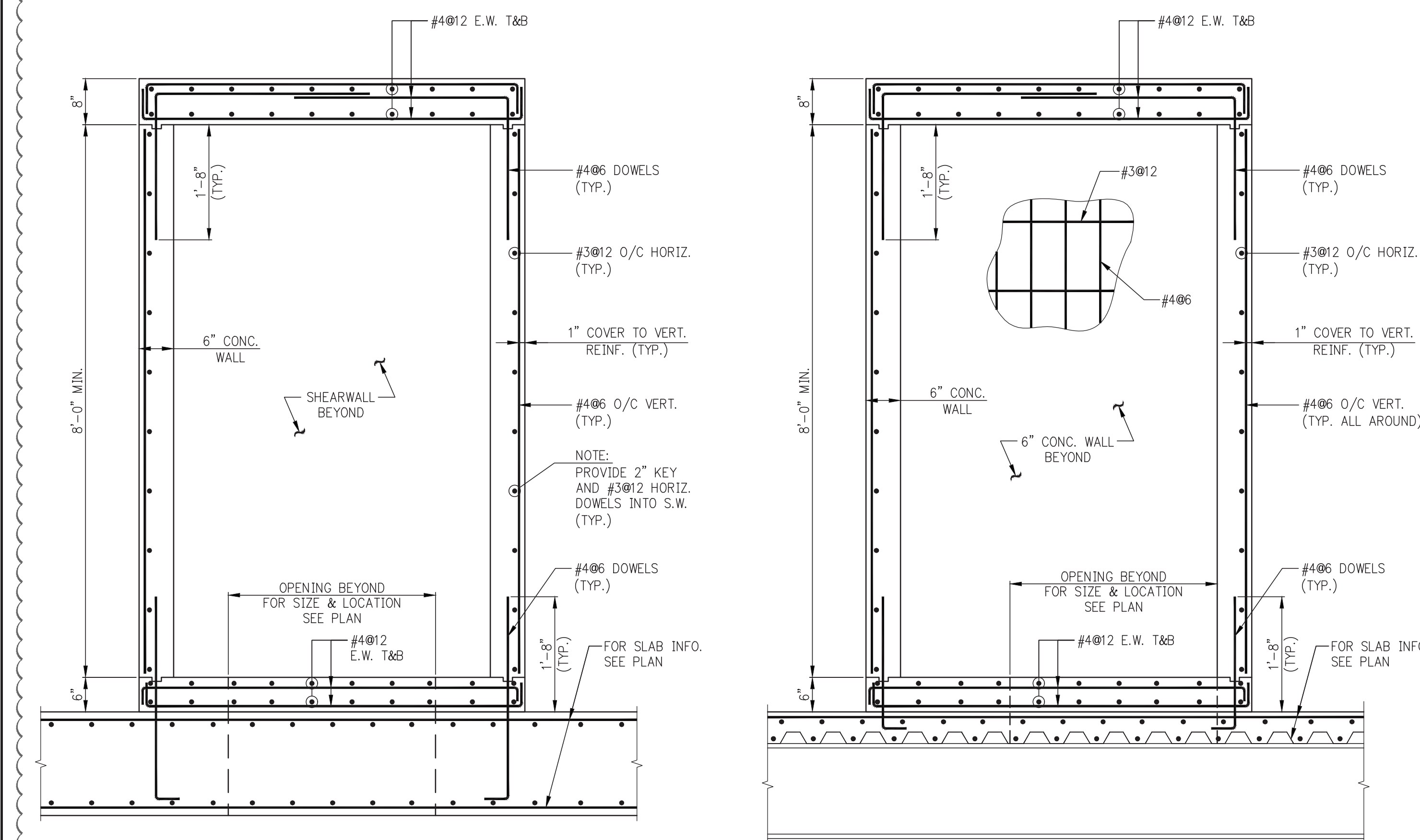
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SCALE: 3/4" = 1'-0"



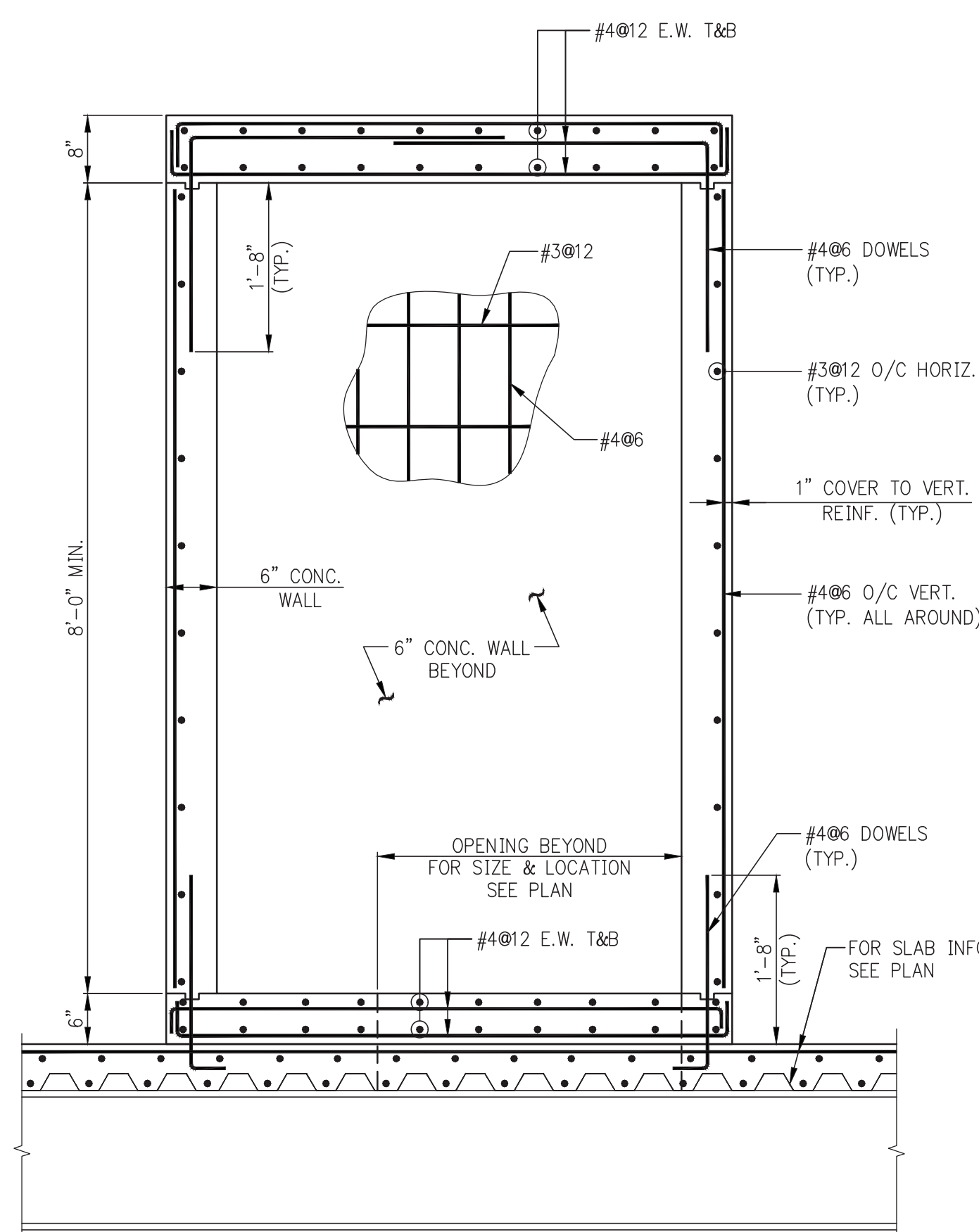
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SCALE: 3/4" = 1'-0"



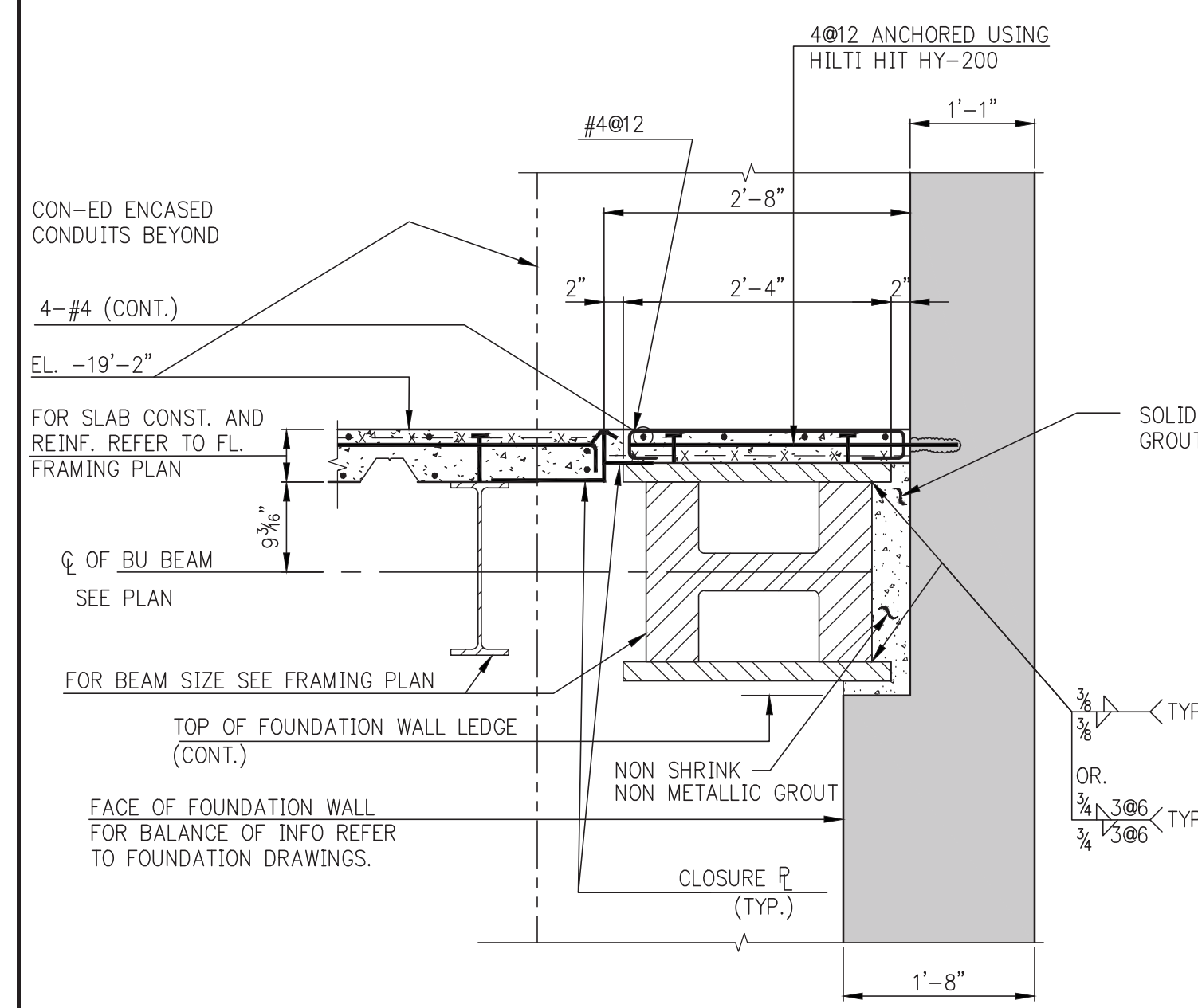
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SCALE: 3/4" = 1'-0"



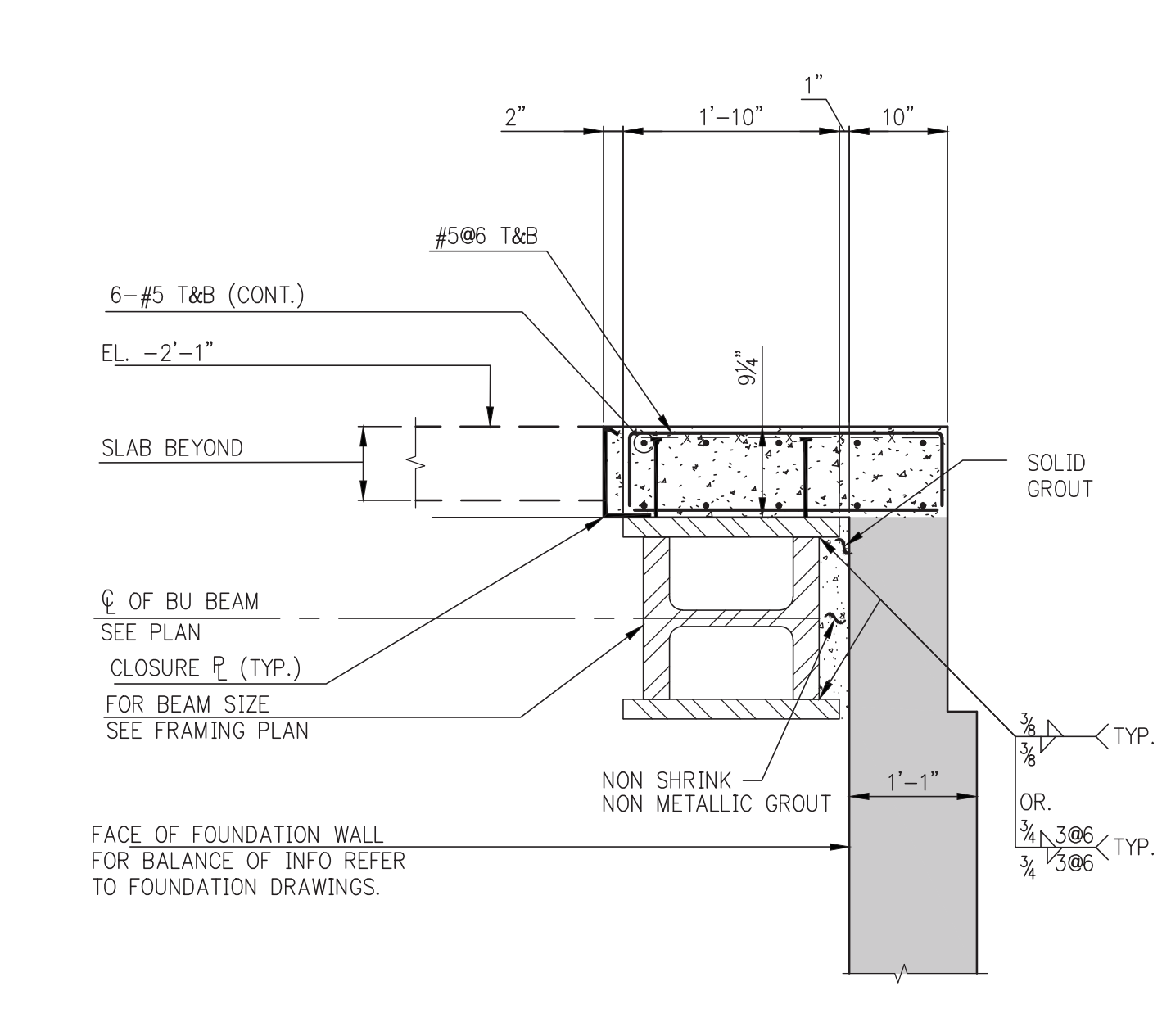
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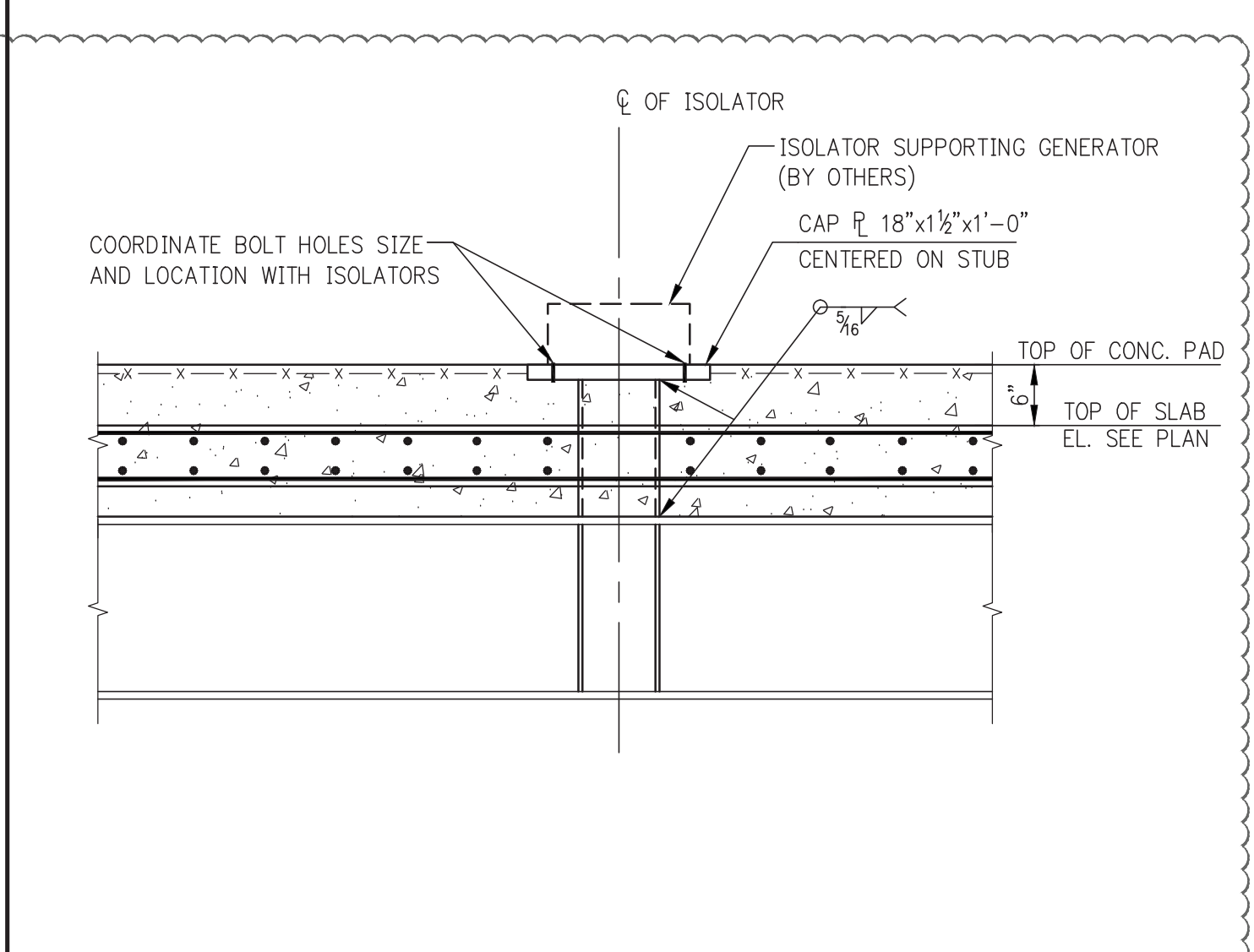
6B SECTION
SCALE: 3/4" = 1'-0"



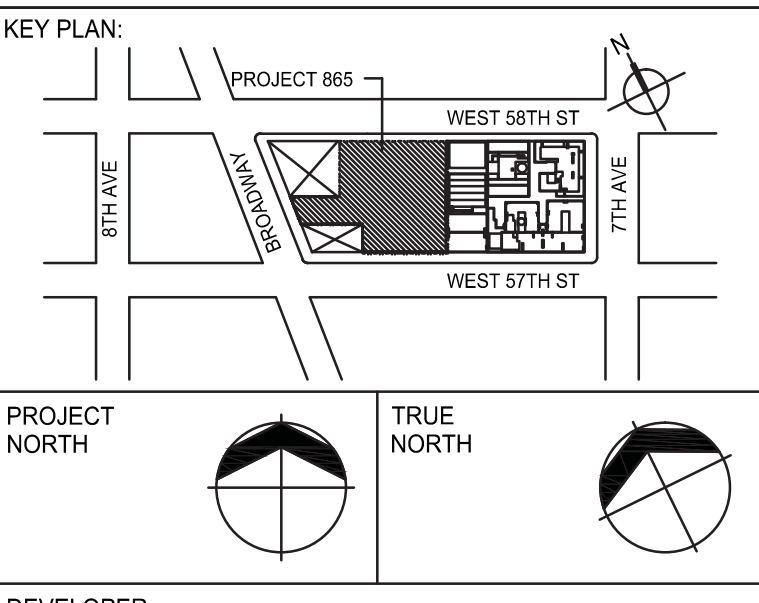
7 SECTION
SCALE: 3/4" = 1'-0"



8 SECTION
SCALE: 3/4" = 1'-0"



11 SECTION
SCALE: 3/4" = 1'-0"



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No.	DESCRIPTION	DATE
1	CD PROGRESS ISSUE 1	10-15-2014
2	DOB SUBMISSION	12-18-2014
3	ISSUED FOR 8TH FLOOR MILL ORDER - PHASE 1	01-14-2015
4	DOB SUBMISSION	02-05-2015
5	CD UPDATE ISSUE	02-10-2015
6	CD PROGRESS ISSUE 5	08-10-2015
7	DOB AMENDMENT 2	09-16-2015

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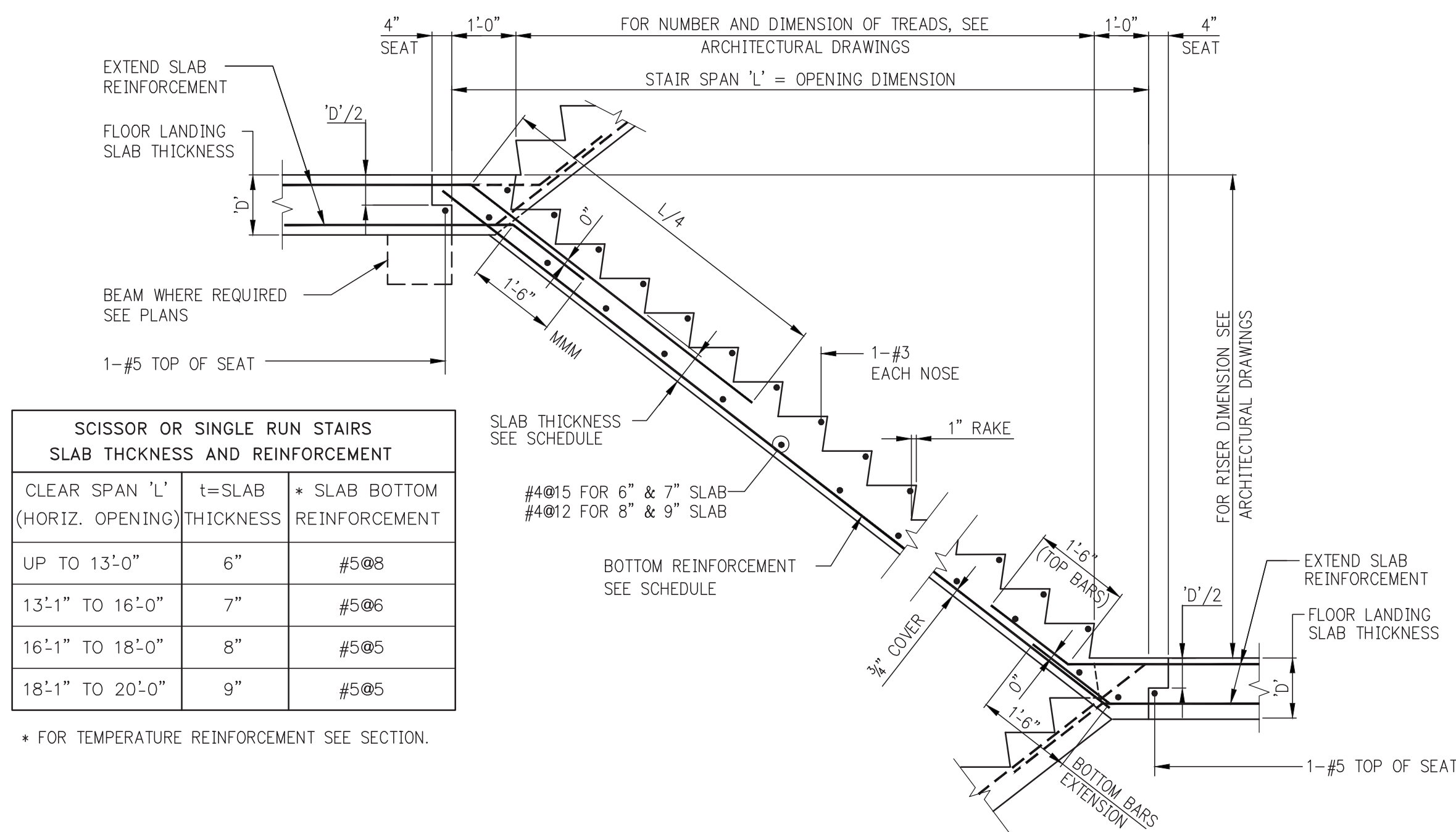
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CONSULTANT:
WSP
228 East 45th Street
New York, NY 10017
(212) 687-8868
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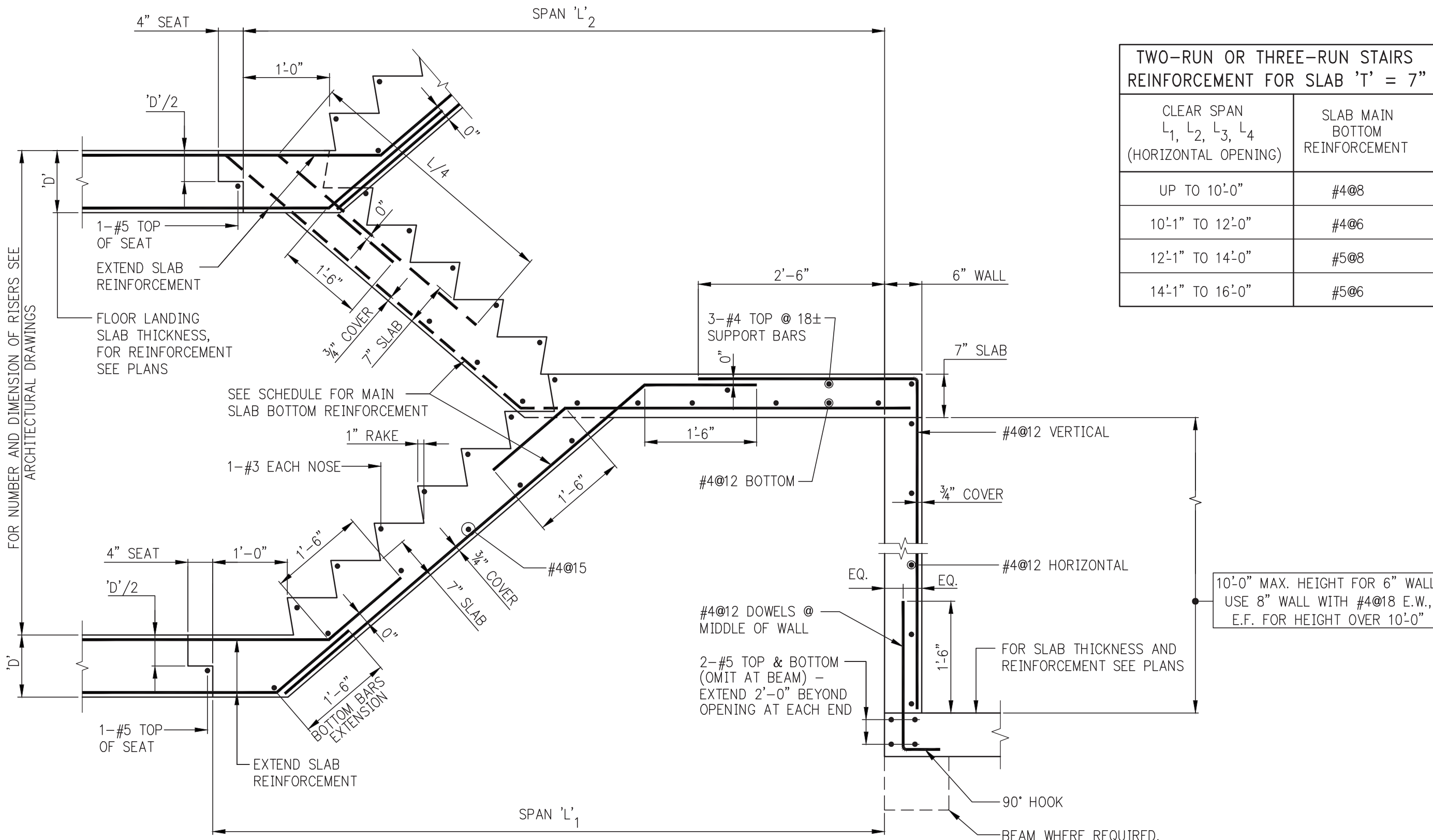
PROJECT:
**217 WEST 57TH STREET
NEW YORK, NY**

DRAWING TITLE:
**SUPERSTRUCTURE
BASE SECTIONS 3**

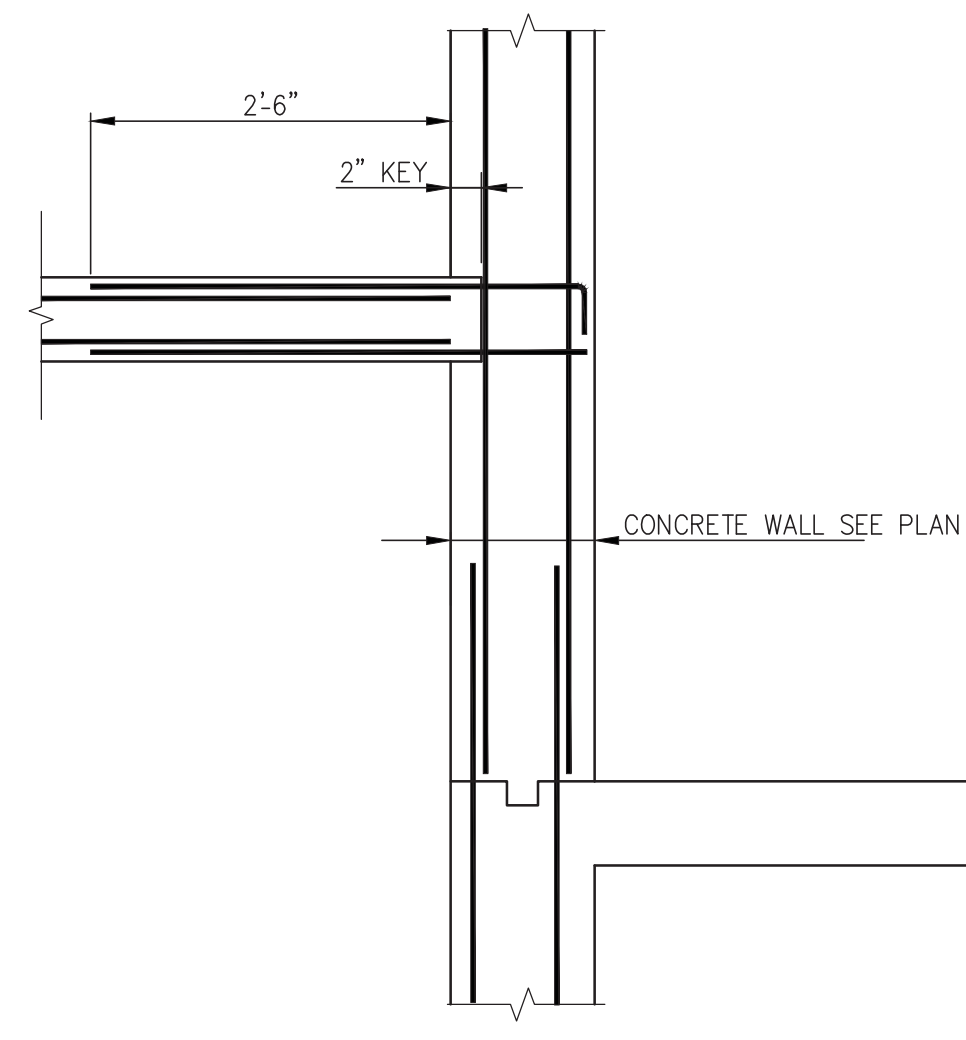
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DATE: 10-15-2014
CHK: Y.E. REV: 7
SCALE: AS INDICATED
DWG No: **S-702.01**
DOB PAGE No: 154 OF 158
DOB B-SCAN:



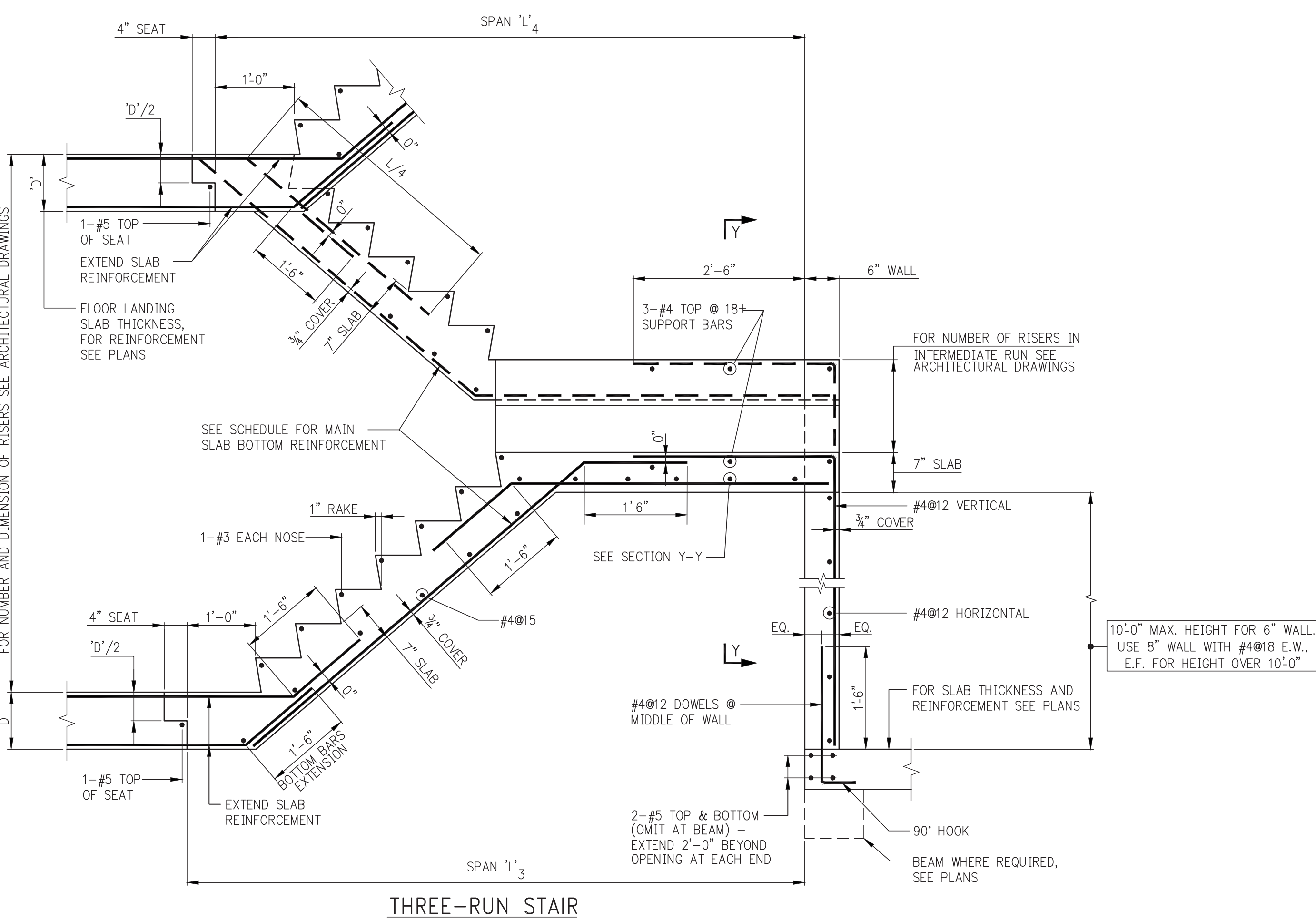
SCISSOR OR SINGLE RUN STAIR
FOR FLOOR REINFORCEMENT EXTENDED INTO STAIR SLAB, SEE FRAMING PLANS.



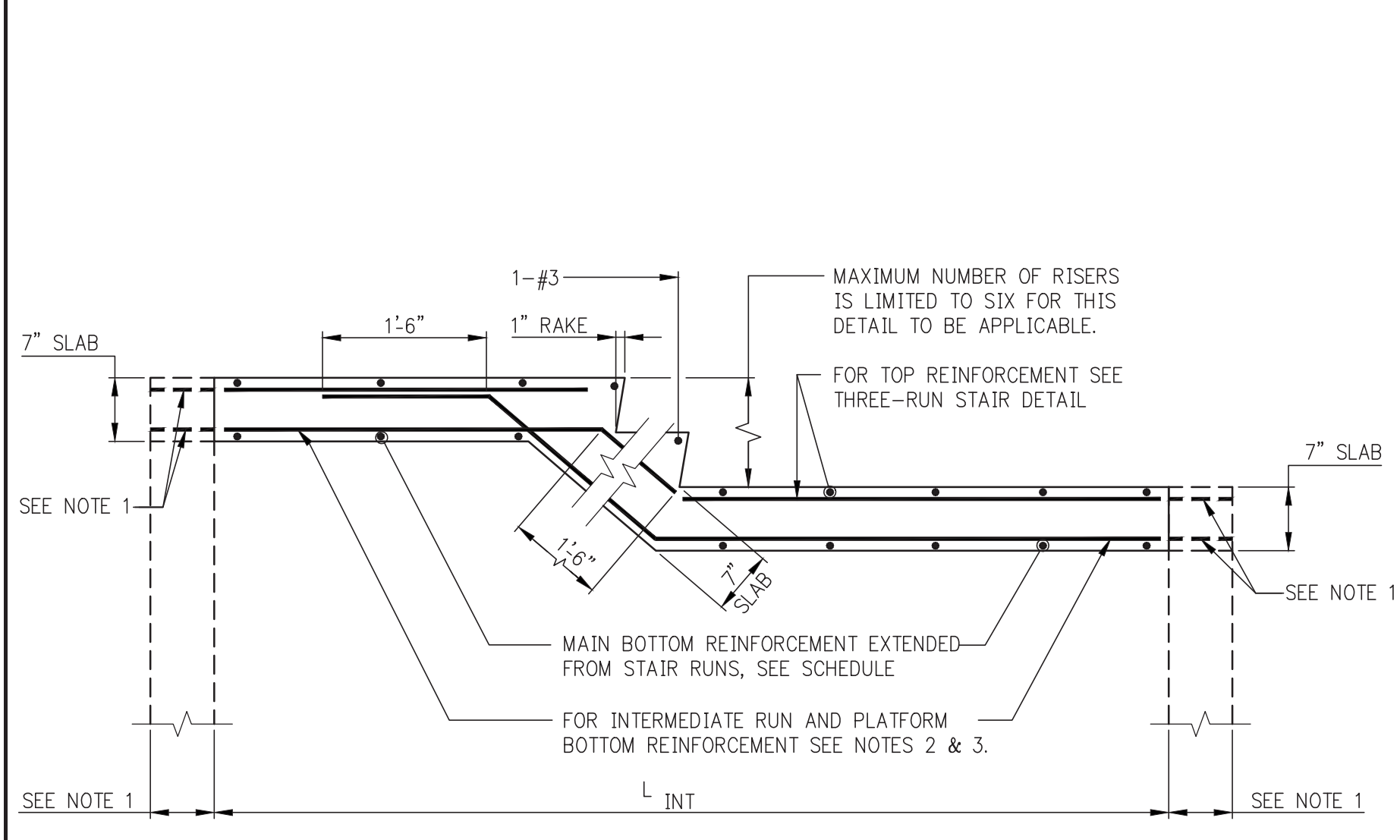
TWO-RUN STAIR



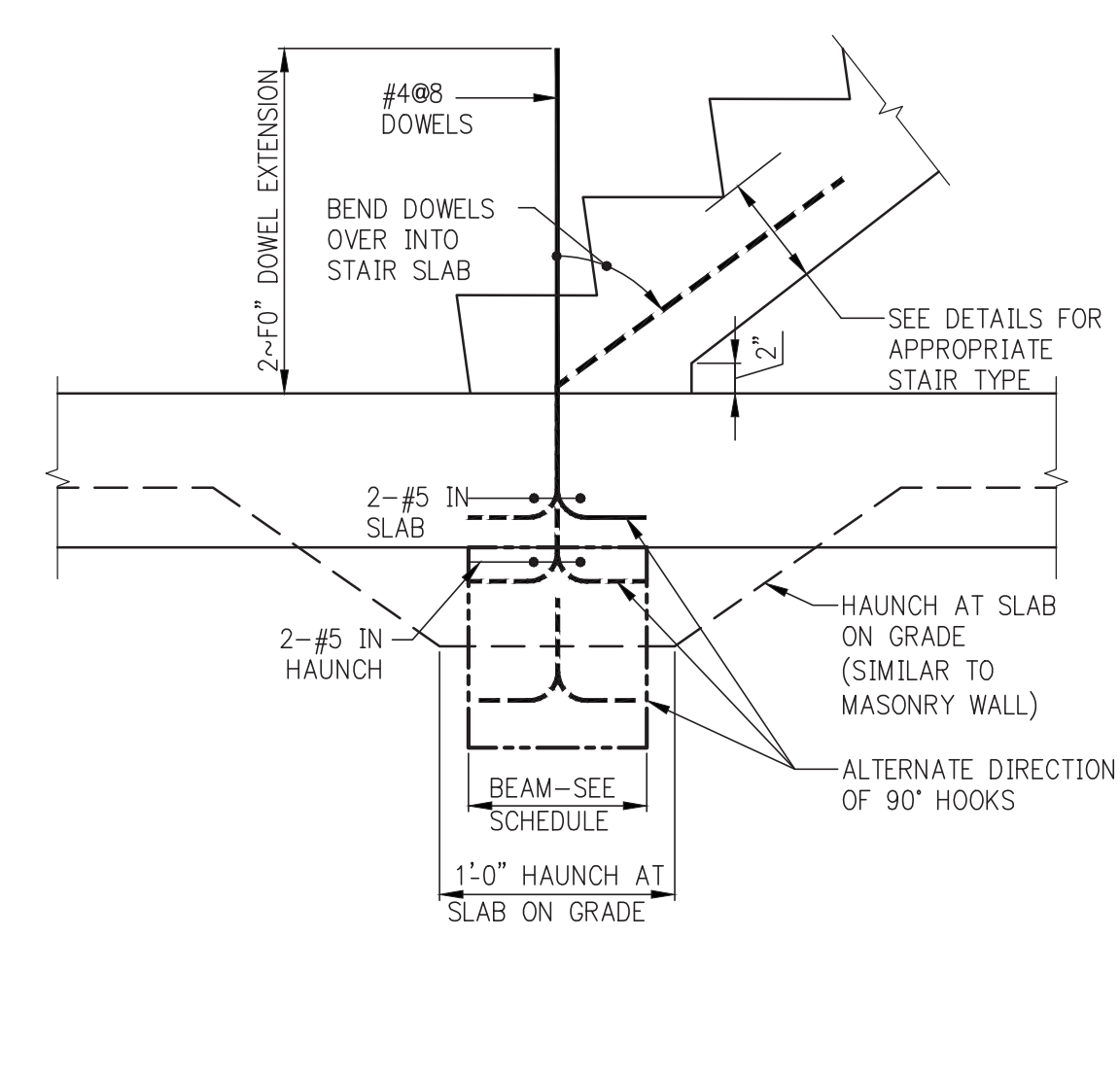
STAIR LANDING @ WALL



THREE-RUN STAIR

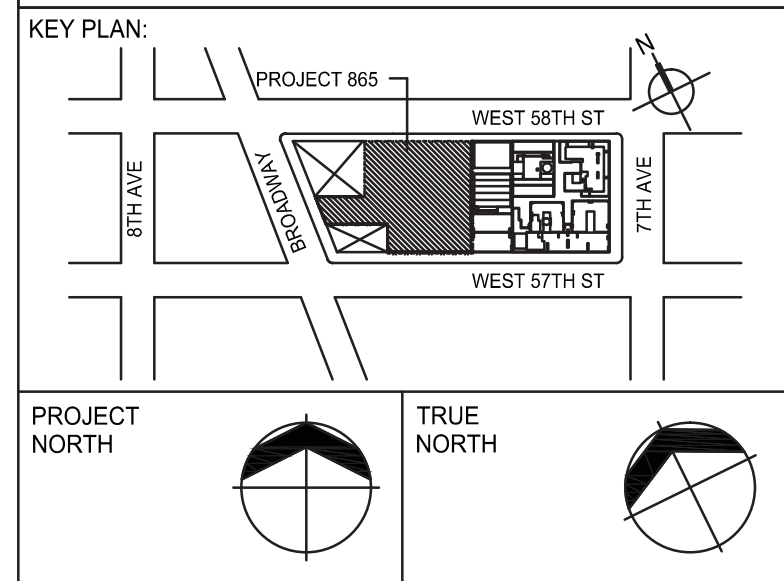


SECTION Y-Y
(AT THREE-RUN STAIR)



BOTTOM OF STAIR-NO SLAB OPENING

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



DEVELOPER: **EXTELL DEVELOPMENT COMPANY**
805 THIRD AVENUE, 7TH FLOOR
NEW YORK, NY 10022 USA
TEL: 212 712 6000 FAX: 212 712 6100

DESIGN ARCHITECT: **Base Building Shell & Core**
ADRIAN SMITH + GORDON GILL ARCHITECTURE
111 WEST MONROE STREET SUITE 2300
CHICAGO IL 60603
TEL: 312 920 1888 FAX: 312 920 1775

INTERIOR DESIGNER: **Residential**
Rotter Architecture and Design Studio, PLLC
238 Fifth Ave, 7th Floor
New York, NY 10001
TEL: 646 998 7000 FAX:

ARCHITECT OF RECORD: **Base Building Shell, Core, & Residential**
AAI ARCHITECTS, P.C.
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STRUCTURAL ENGINEERS: **WSP**
228 EAST 45th Street
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TEL: 212 687 8888 FAX: 646 487 5501

MEP ENGINEERS: **AKF GROUP**
1501 Broadway
New York, NY 10036 USA
TEL: 212 354 5656 FAX: 212 354 5668

GEOTECHNICAL ENGINEERS: **Langan Engineering & Environmental Services**
21 Penn Plaza - 380 West 31st Street, 8th Floor
New York, NY 10001-2727
TEL: 212 479 5400 FAX: 212 479 5444

CODE CONSULTANTS: **Construction Consulting Associates**
100 Church Street
New York, NY 10007
TEL: 212 385 1818 FAX: 212 385 1911

CURTAINWALL CONSULTANT: **AJLP Consulting**
40 Worth Street, Suite 805
New York, NY 10013
TEL: 212 757 8559 FAX: 646 219 8508

LANDMARK/PRESERVATION CONSULTANT: **Jan Hird Pokorny Associates, Inc.**
39 West 37th Street, 12A
New York, NY 10018
TEL: 212 759 6462 FAX: 212 759 6540

No.	DESCRIPTION	DATE
1	SCHEMATIC DESIGN	03-31-2014
2	ISSUED FOR SCHEMATIC DESIGN	04-04-2014
3	STEEL BID PACKAGE	06-22-2014
4	SUPERSTRUCTURE CONCRETE BID	06-22-2014
5	DESIGN DEVELOPMENT	07-01-2014
6	ISSUED FOR DESIGN DEVELOPMENT	07-31-2014
7	CD PROGRESS ISSUE 1	10-15-2014
8	ISSUED FOR CONSTRUCTION UP TO GROUND FL ONLY	10-17-2014
9	ISSUED FOR CONSTRUCTION UP TO 5TH FL ONLY	11-07-2014
10	DOB SUBMISSION	12-19-2014
11	DOB SUBMISSION	02-05-2015
12	DOB AMENDMENT 2	09-18-2015

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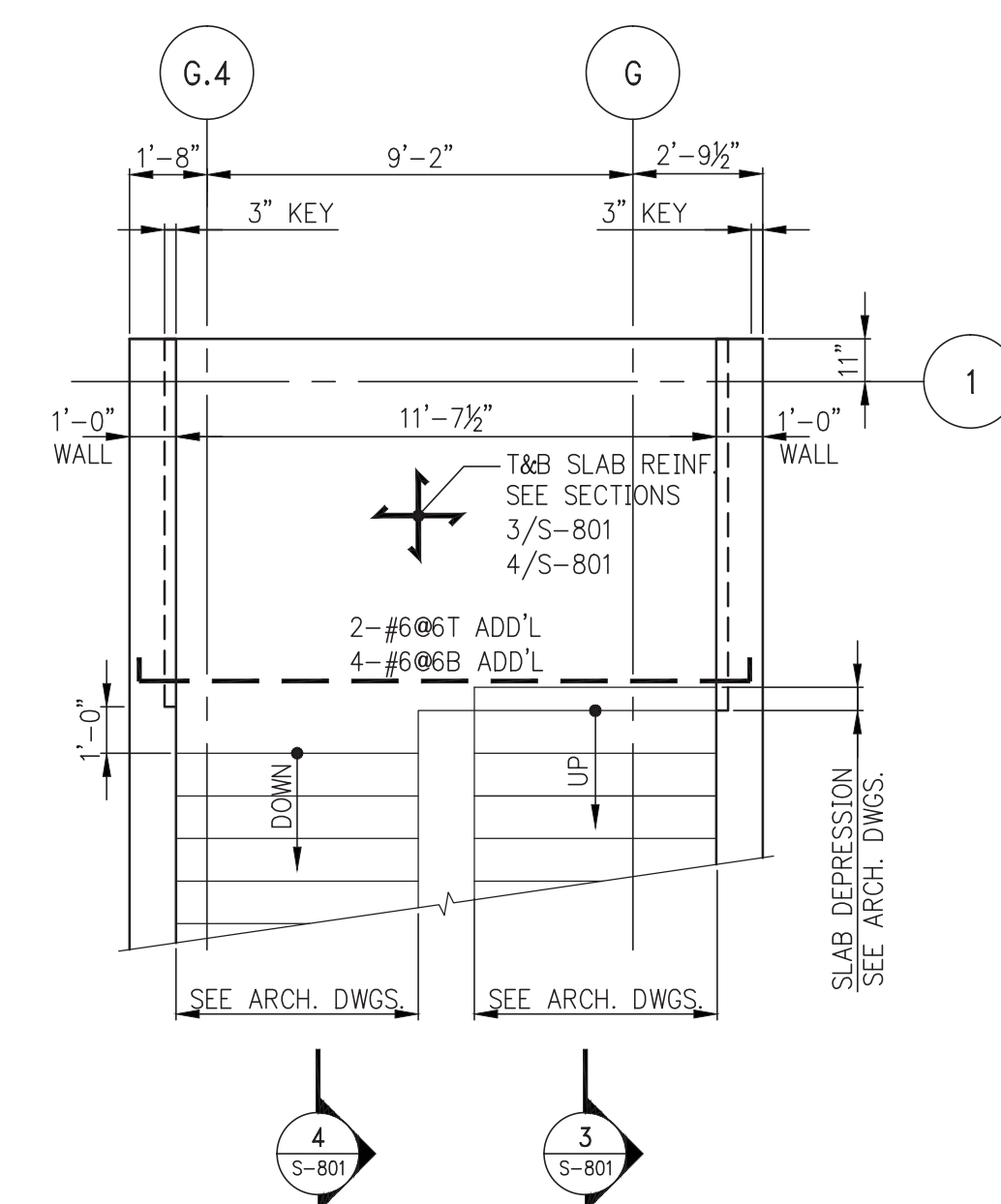
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PROJECT: **217 WEST 57TH STREET**
NEW YORK, NY

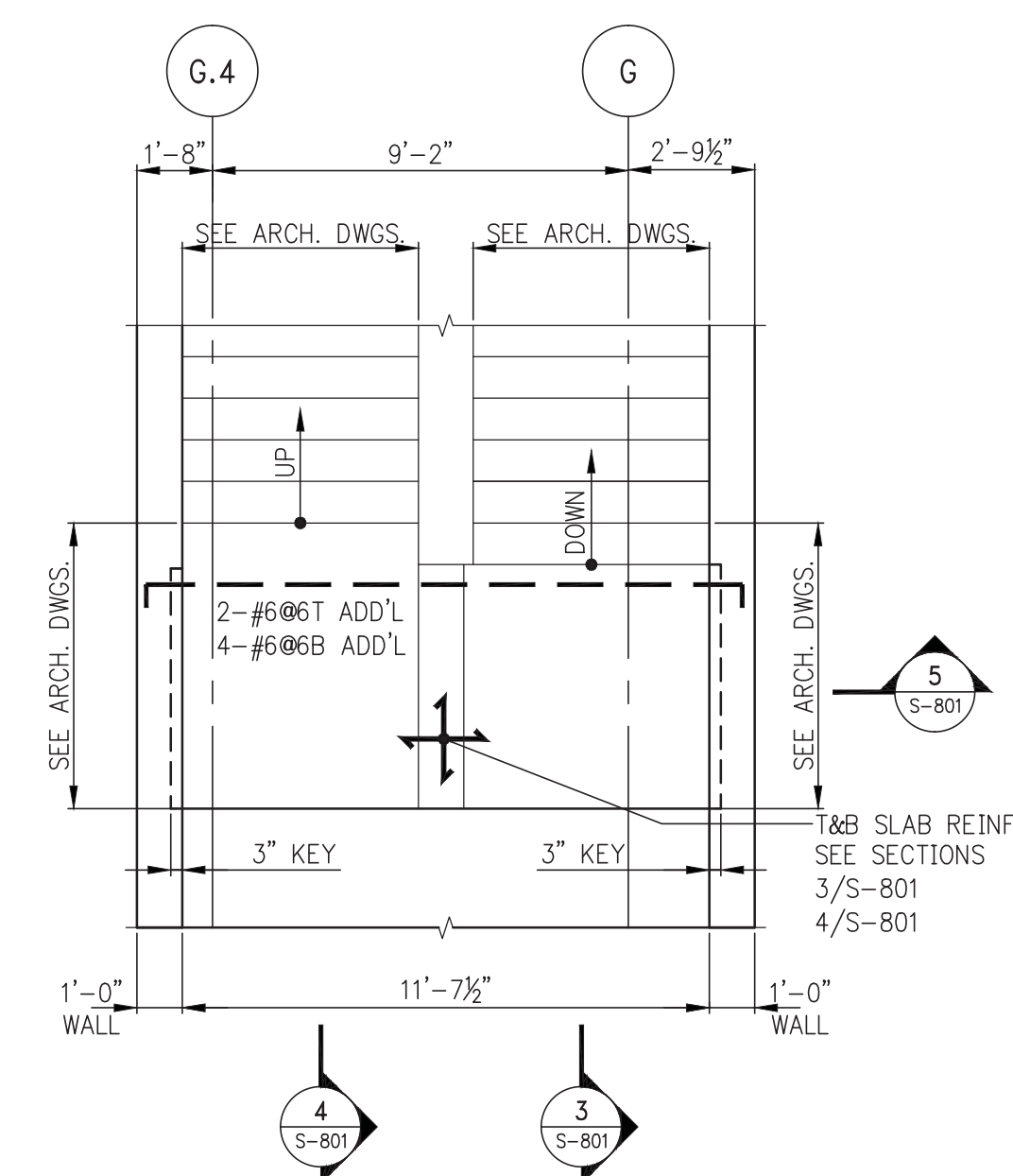
DRAWING TITLE: **TYPICAL STAIR DETAILS 1**

SEAL & SIGNATURE: **WSP**
PROJECT No: 2012185
DATE: 03-31-14
DRAWN: CADD
CHK: Y.E.
SCALE: AS INDICATED
DWG No: **S-800.02**
DOB PAGE No: 156 OF 158
DOB B-SCAN:

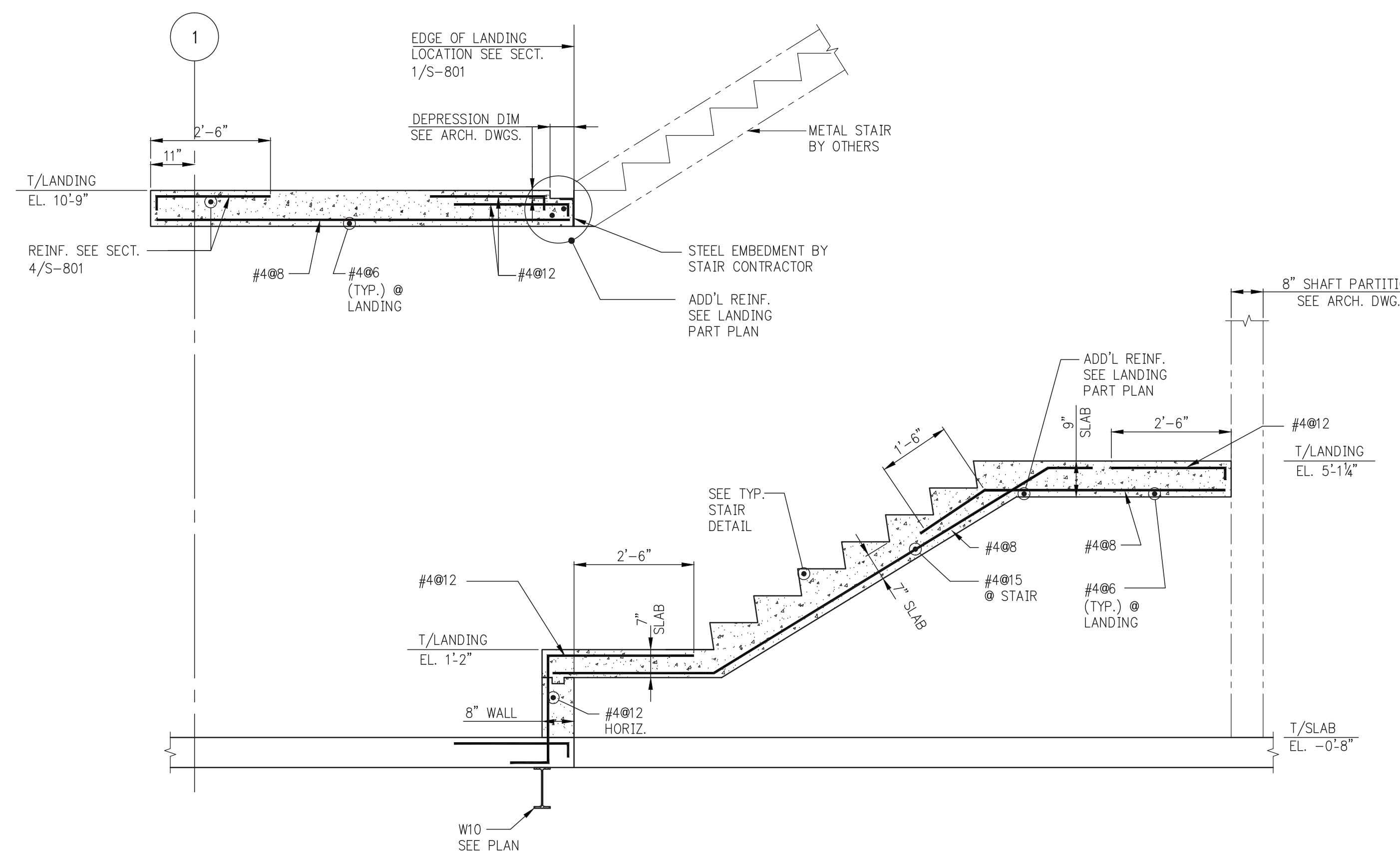


1
S-801

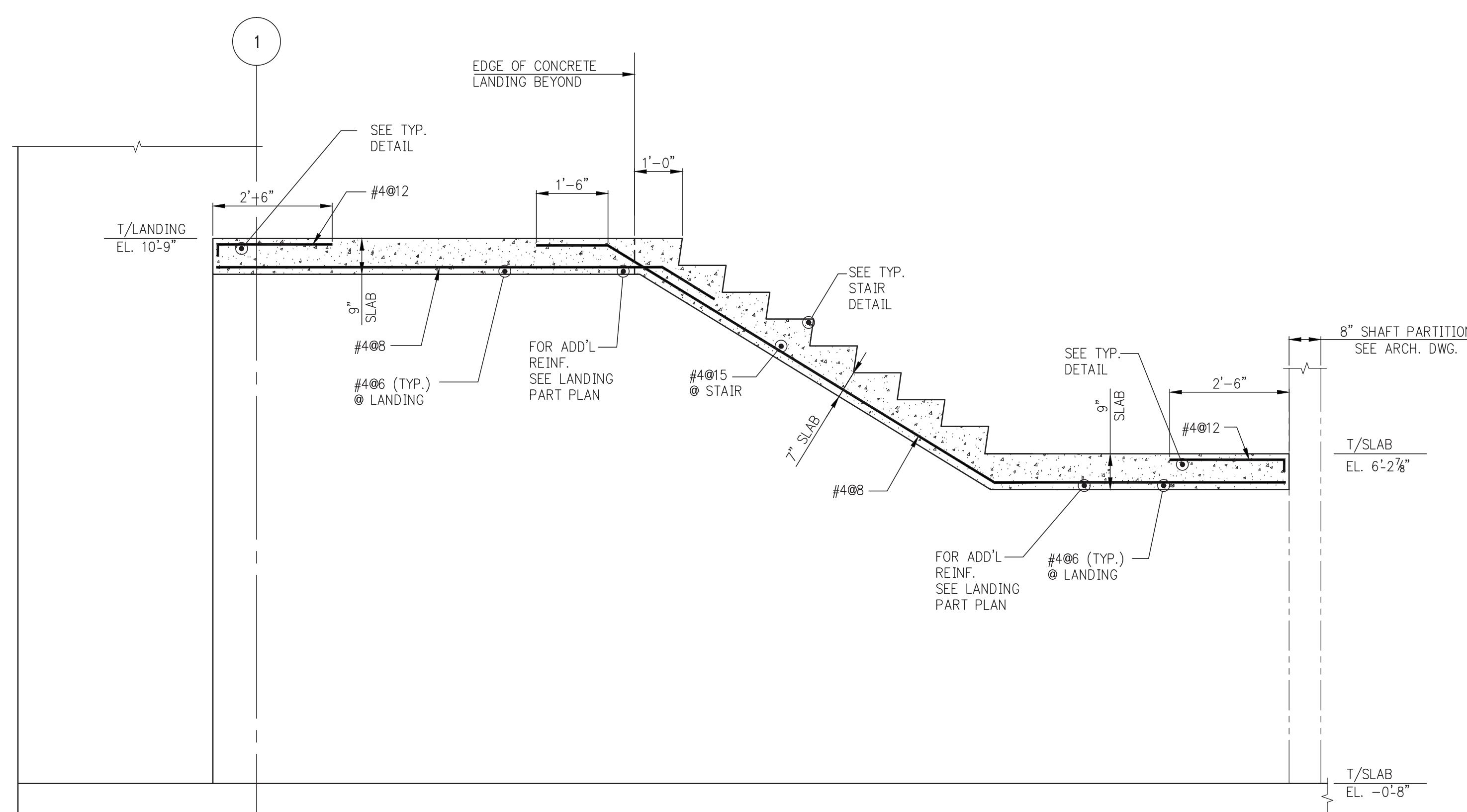
PART PLAN-LANDING @ EL. 10'-9"
SCALE: $\frac{1}{4}" = 1'-0"$



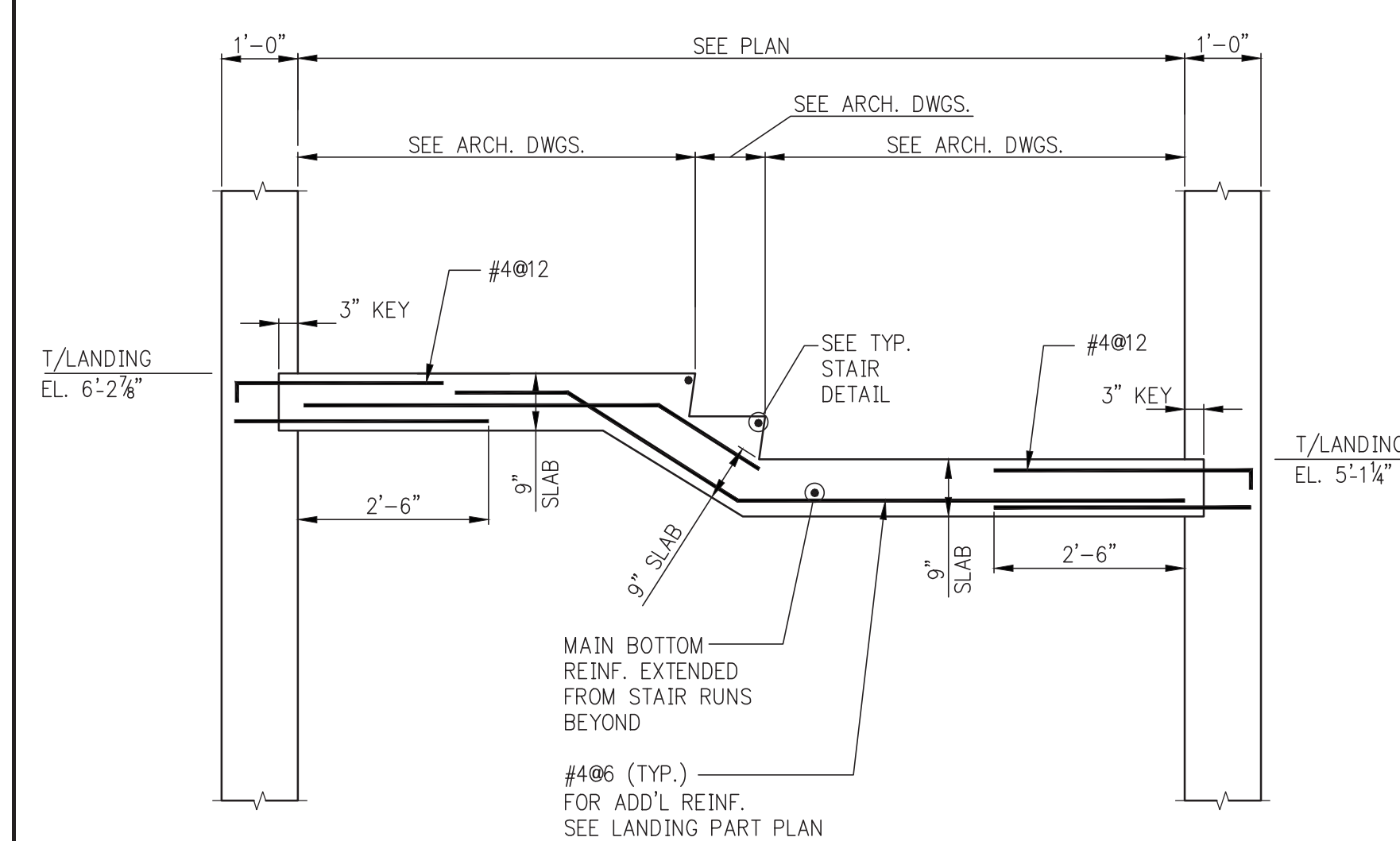
2 PART PLAN-LANDING @ EL. 6'-2⁷/₈"
S-801 SCALE: 3/8" = 1'-0" AND EL. 5'-1 1/4"



3 SECTION
S-801 SCALE: 1/2" = 1'-0"

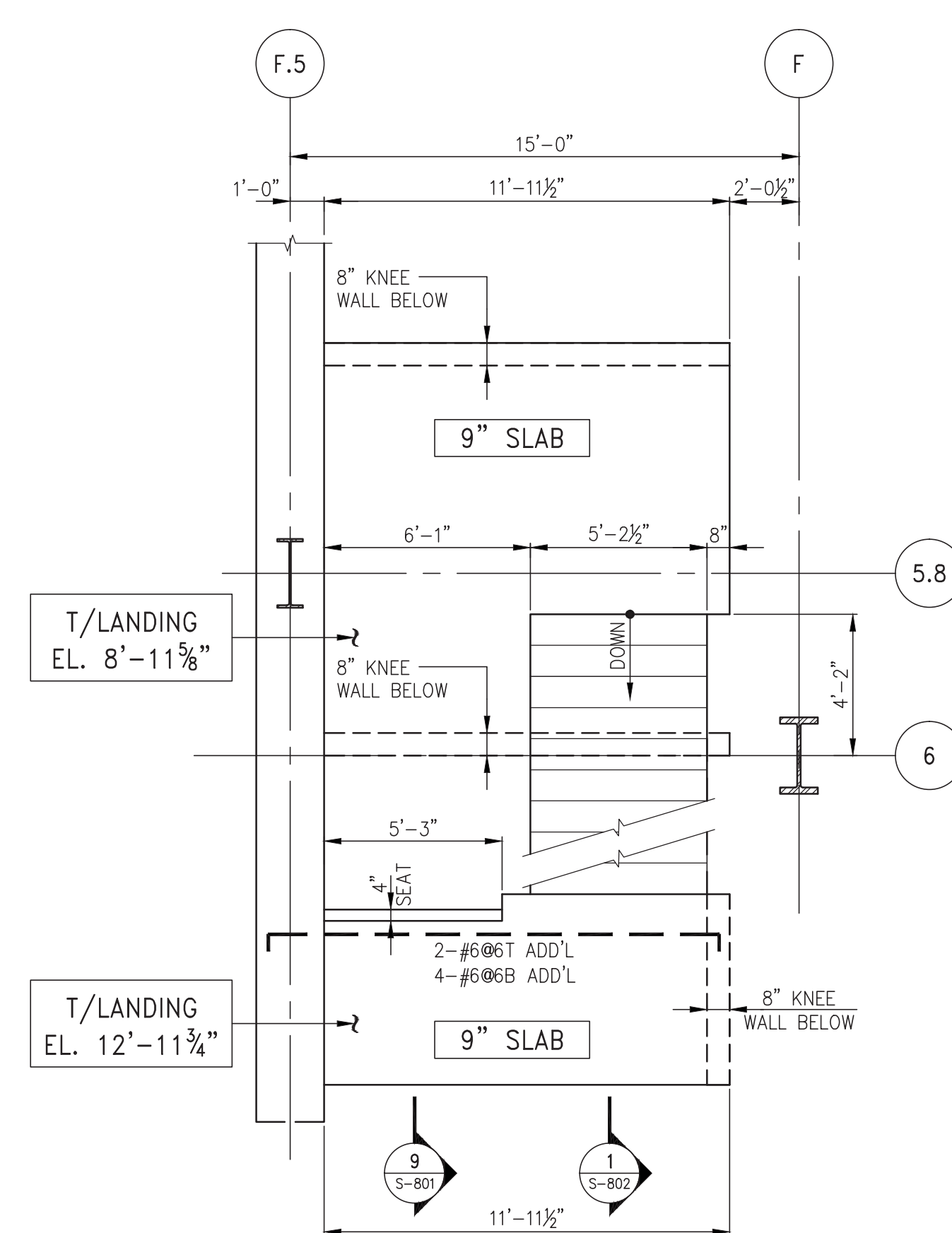


4 SECTION
S-801 SCALE: 1/2" = 1'-0"

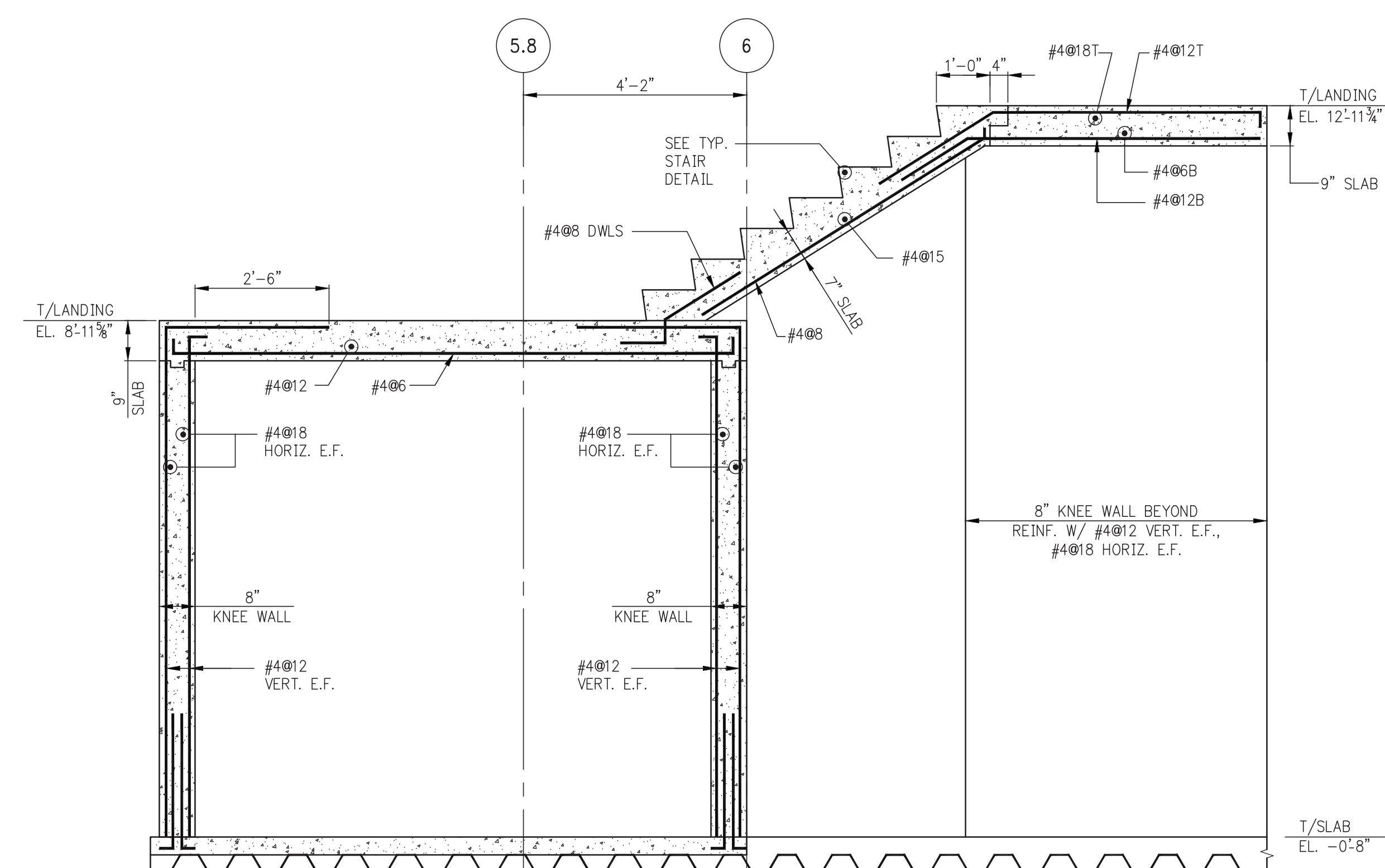


5 SECTION
S-801 SCALE: 1/2" = 1'-0"

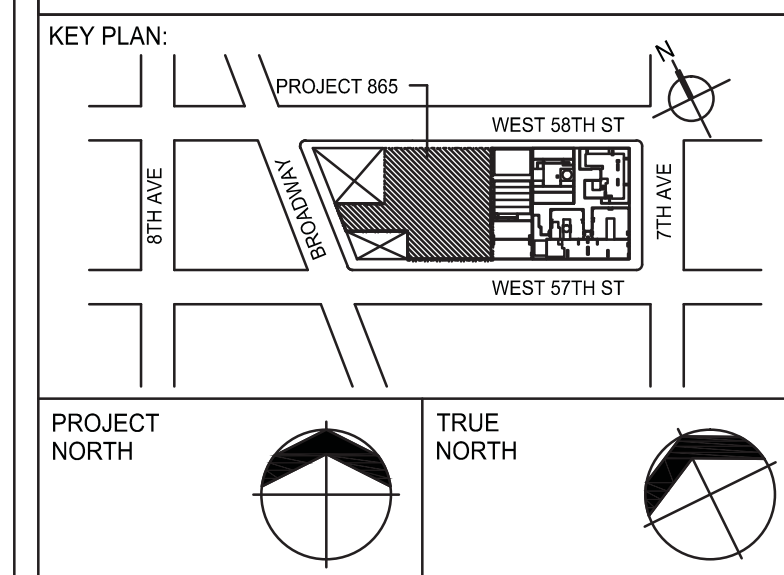
6 NOT USED
S-801 SCALE: 1/2" = 1'-0"



8 PART PLAN-LANDING @ EL. 8'-11 $\frac{5}{8}$ "
S-801 SCALE: $\frac{1}{4}" = 1'-0"$ AND EL. 12'-11 $\frac{3}{4}$ "



9
S-801



DEVELOPER: **EXTELL DEVELOPMENT COMPANY**
805 THIRD AVENUE, 7TH FLOOR
New York, NY 10022 USA
TEL: 212 712 6000 FAX: 212 712 6100

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111 WEST MONROE STREET SUITE 2300
CHICAGO IL 60603
TEL: 312 920 1888 FAX: 312 920 1775

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Rottet Architecture and Design Studio, PLLC
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Jan Hird Pokorny Associates, Inc.
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New York, NY 10018
TEL: 212 759 6462 FAX: 212 759 65

No.	DESCRIPTION	DATE
1	ISSUED FOR CONSTRUCTION UP TO 5TH FLOOR ONLY	11-07-2014
2	DOB SUBMISSION	12-19-2014
3	CD PROGRESS ISSUE 2	12-19-2014
4	DOB SUBMISSION	02-05-2015
5	DOB AMENDMENT 2	09-18-2015

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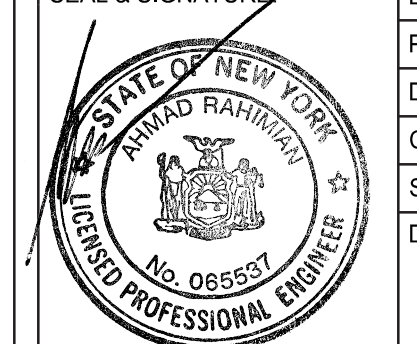
PROJECT

217 WEST 57TH STREET
NEW YORK, NY

	DRAWING TITLE
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STAIR SECTIONS

SEAL & SIGNATURE:	DATE: 11-07-1
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DATE:	11-07-1
PROJECT No:	201218

CAVIN: CADD
PK: Y.F

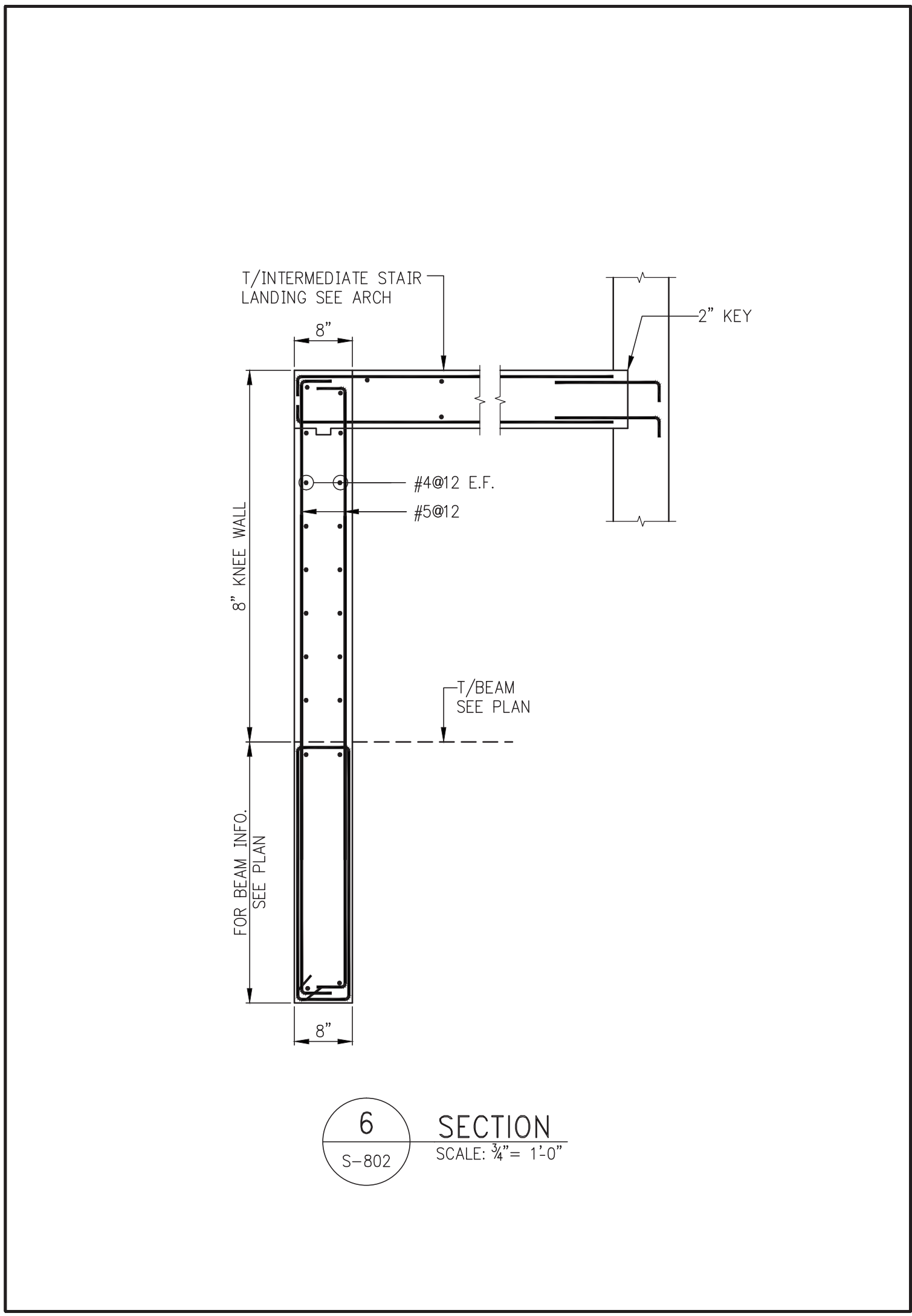
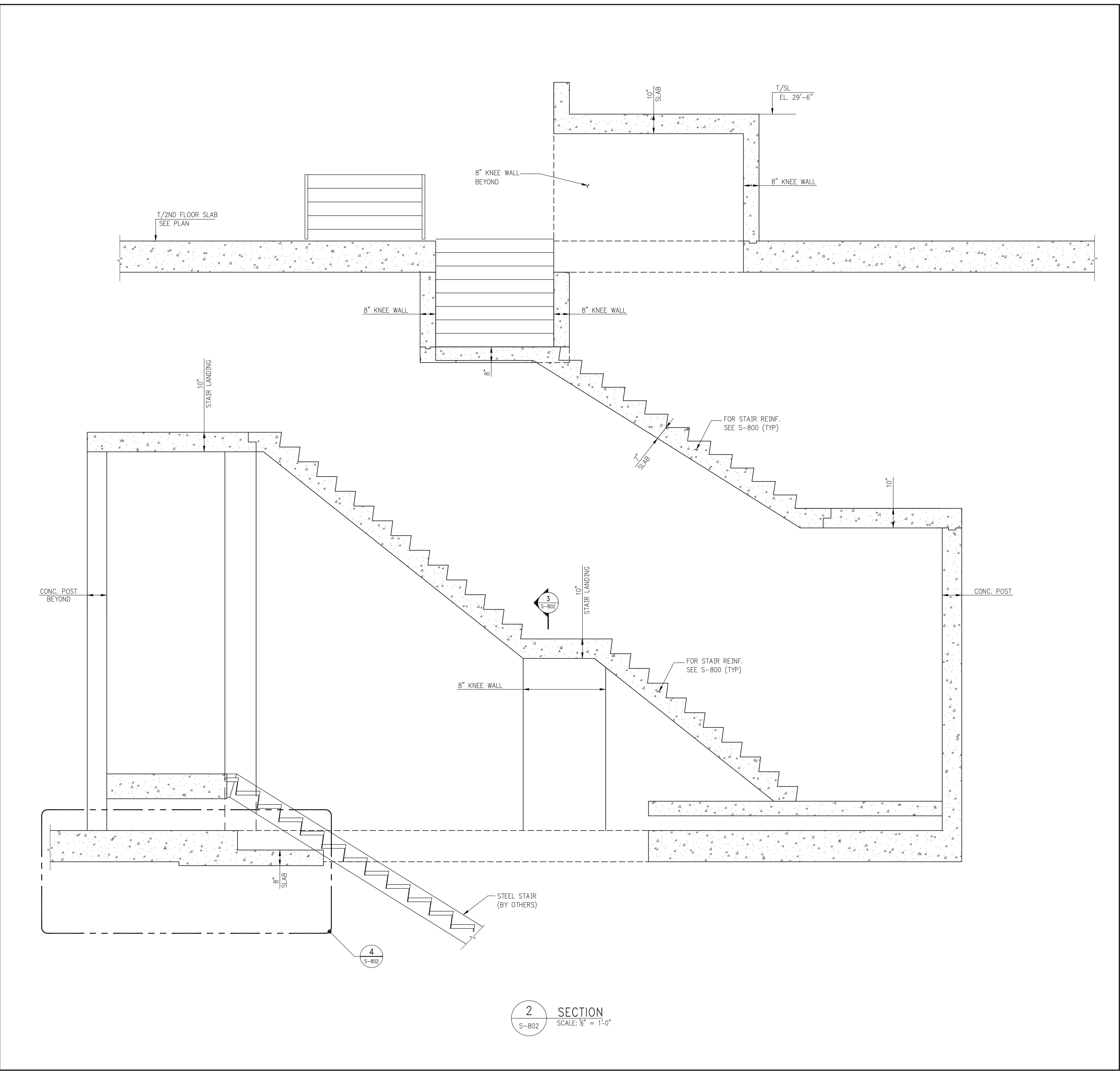
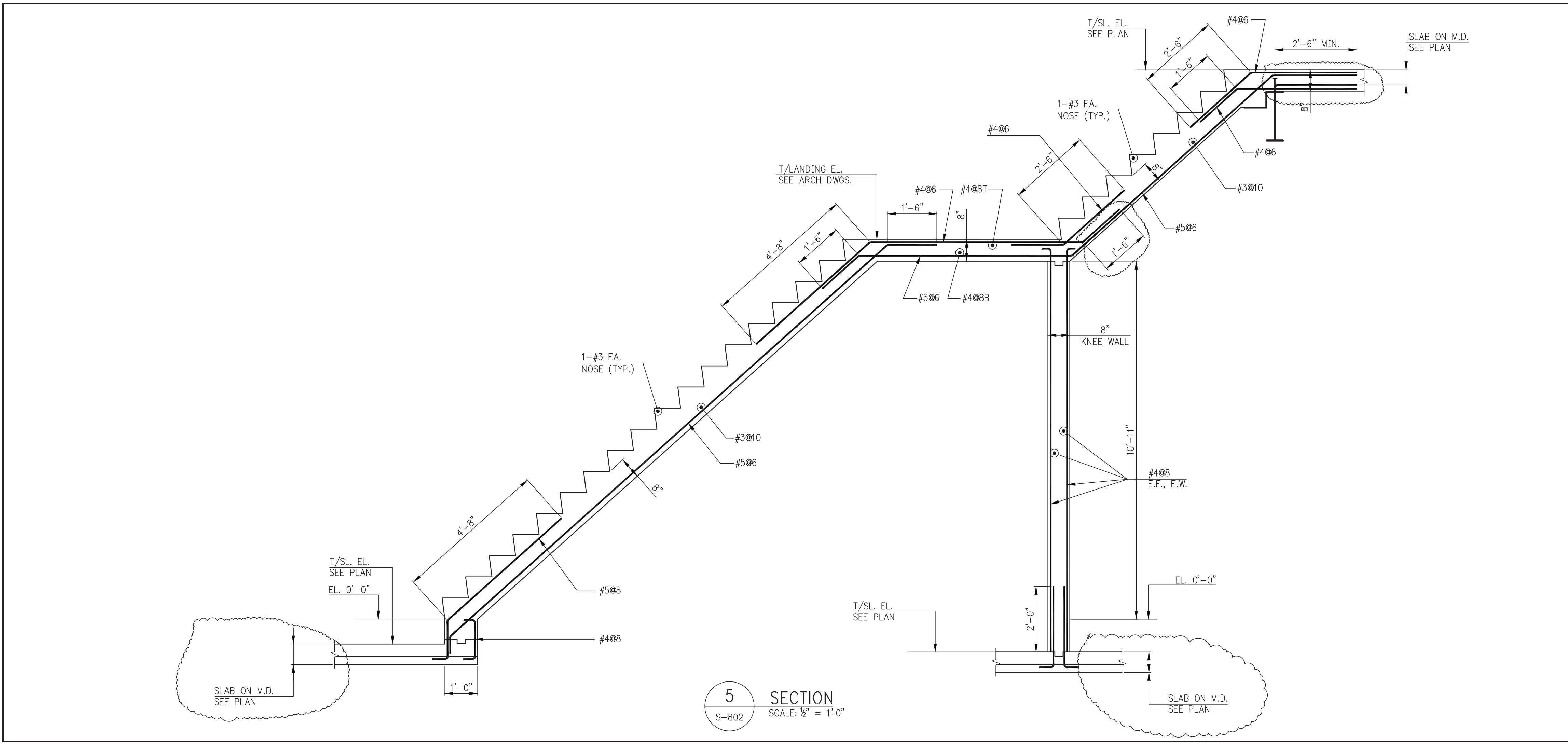
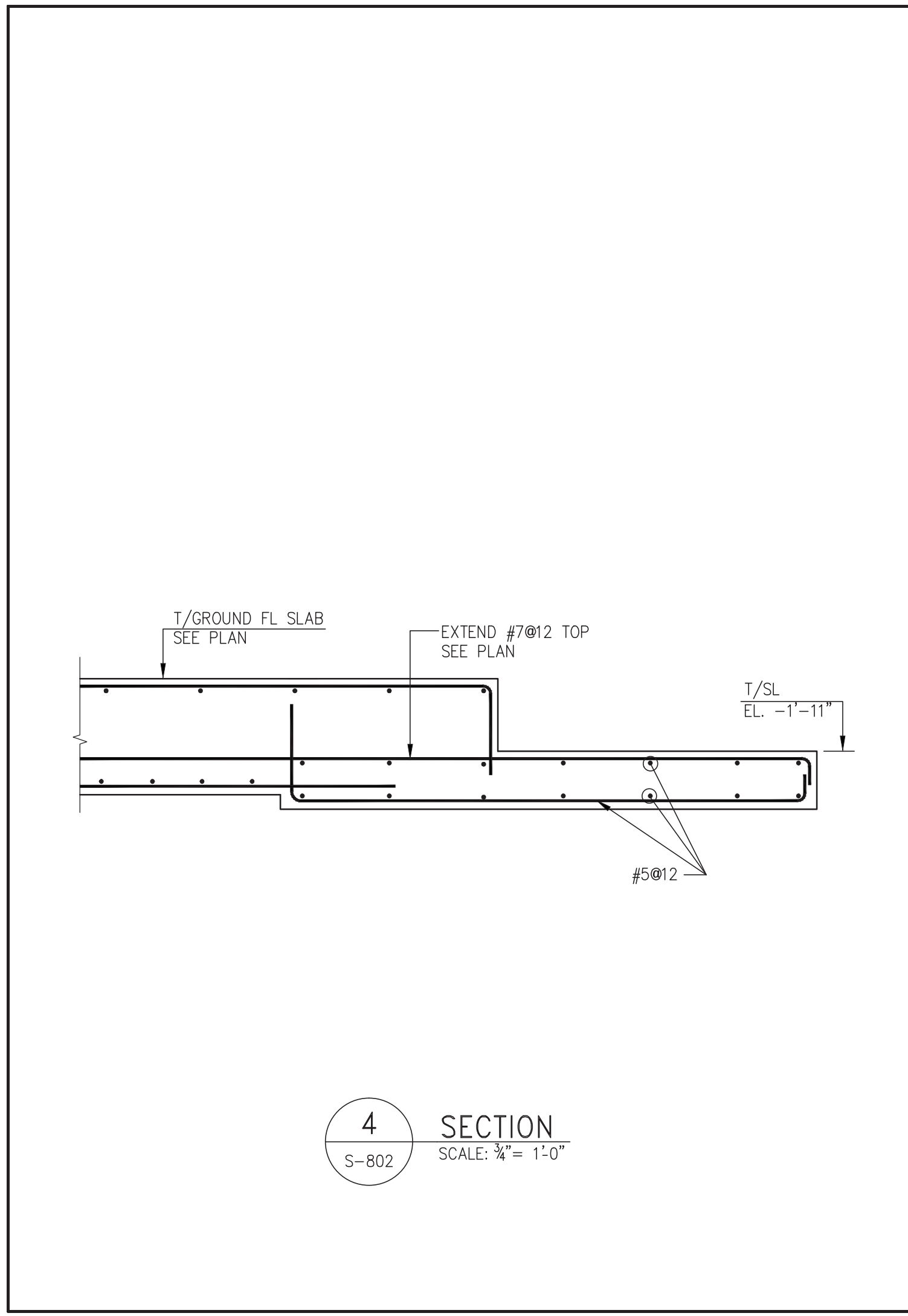
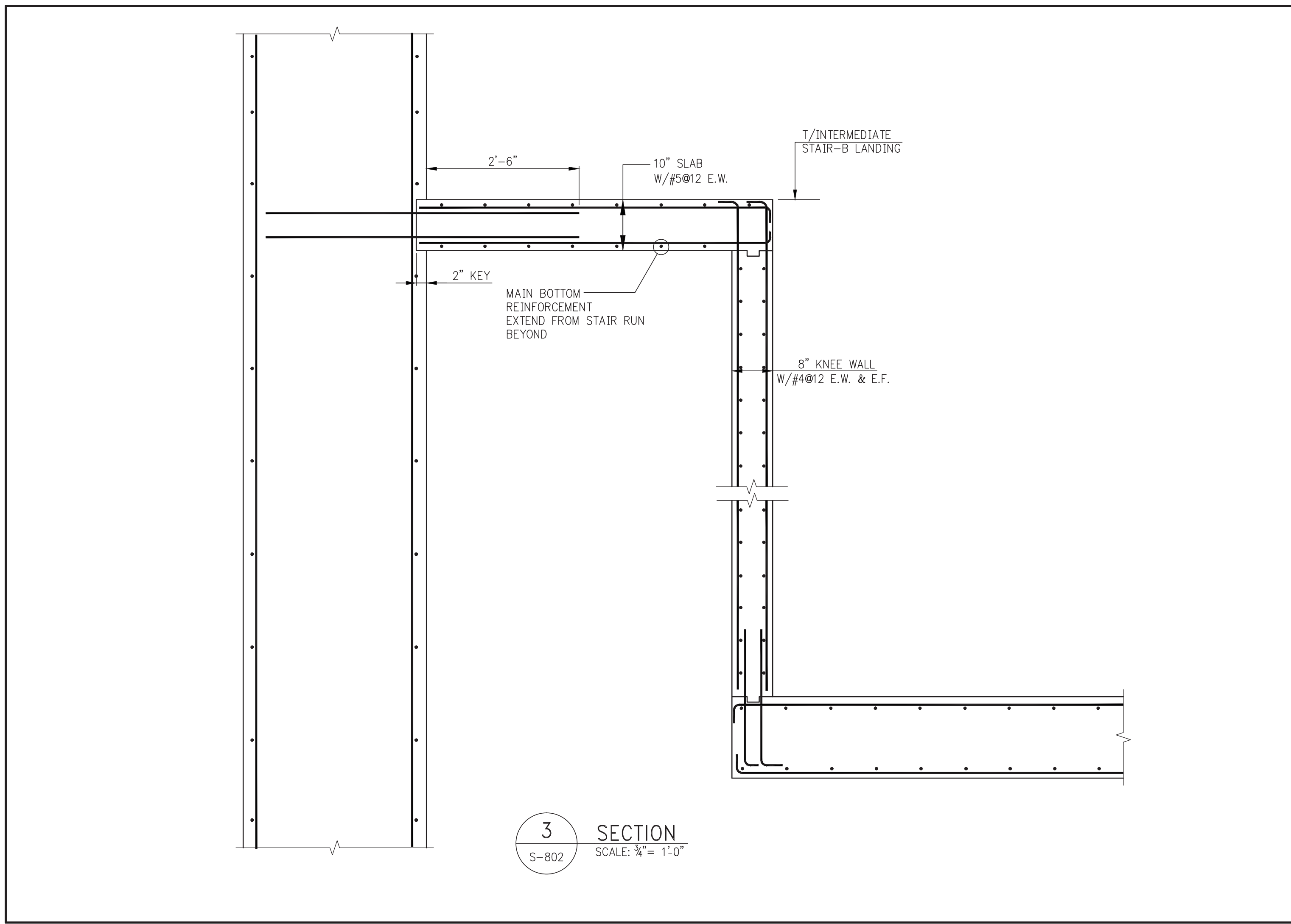
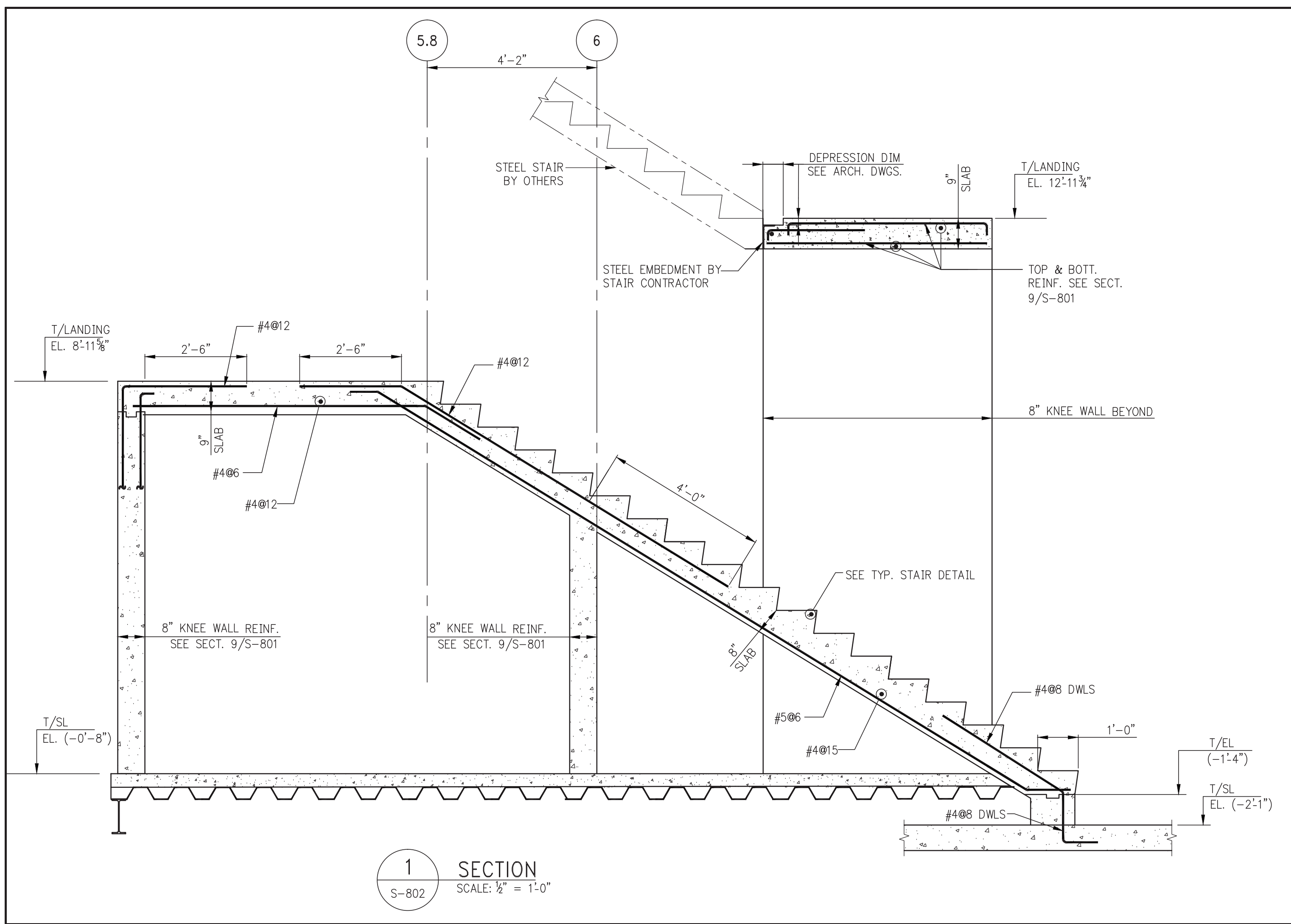
CALE: AS INDICATED

WG No:

S-801.02

DOB EMPLOYEE STAMP:

157 OF 158



KEY PLAN

PROJECT INFO

DEVELOPER: EXTELL DEVELOPMENT COMPANY
805 THIRD AVENUE, 7TH FLOOR
NEW YORK, NY 10022 USA
TEL: 212 712 6000 FAX: 212 712 6100

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No.	DESCRIPTION	DATE
1	ISSUED FOR CONSTRUCTION UP TO 5TH FLOOR ONLY	11-07-2014
2	DOB SUBMISSION	12-19-2014
3	DOB SUBMISSION	02-05-2015
4	DOB AMENDMENT 2	08-18-2015

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PROJECT: 217 WEST 57TH STREET
NEW YORK, NY

DRAWING TITLE: STAIR SECTIONS

DATE:	11-07-14
PROJECT No:	2012185
DRAWN: CADDO	REV: 4
CHK: Y.E.	SCALE: AS INDICATED
DWG No:	S-802.02
DOB PAGE No:	158 OF 158
DOB EMPLOYEE STAMP:	DOB B-SCAN: