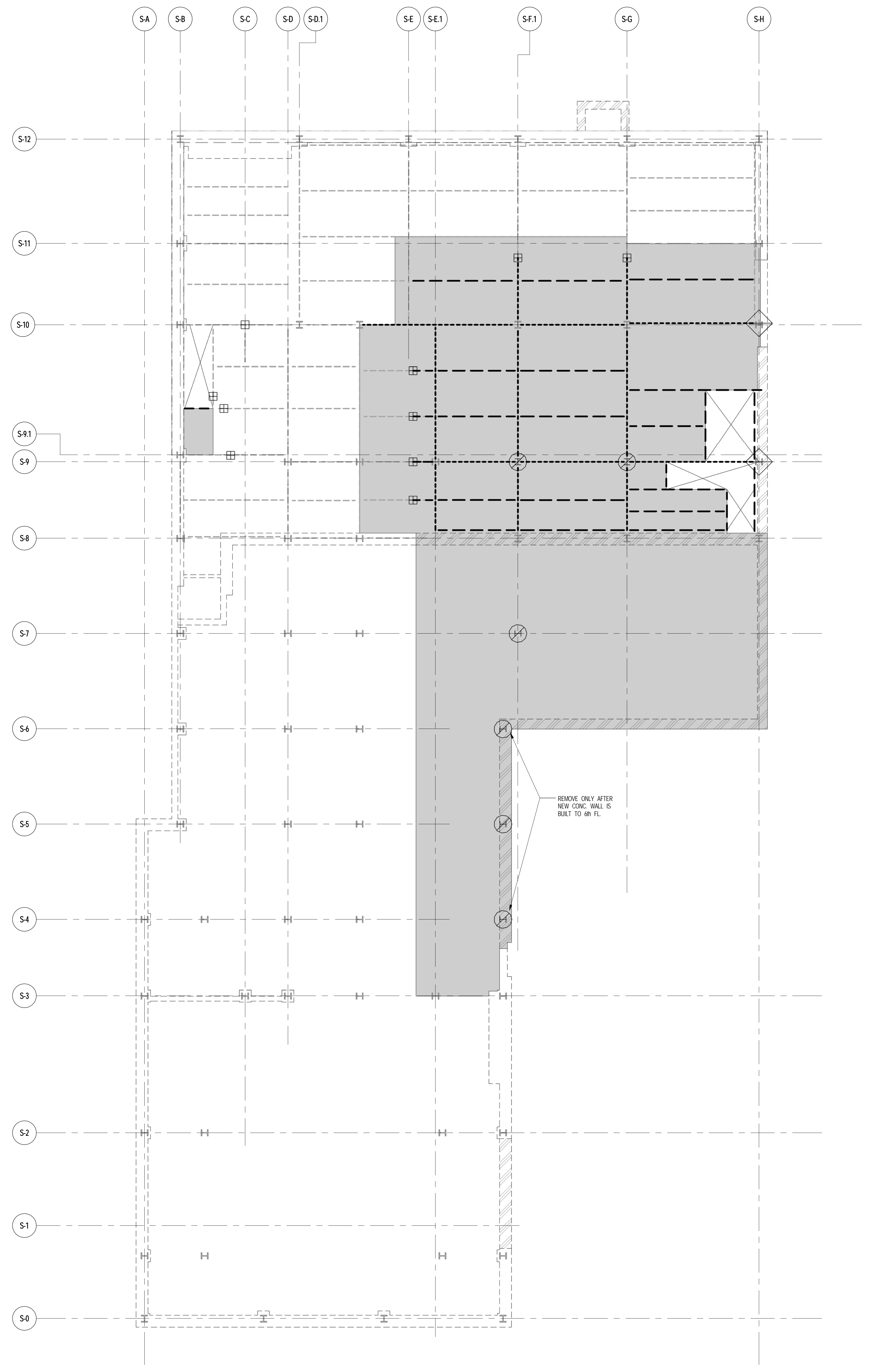


**1 SUB-CELLAR PLAN**  
 SCALE: 1/8" = 1'-0"  
 NOTES:  
 1. FOR GENERAL NOTES SEE DWG. DMS-200.

THE CONTRACTOR'S PE TO PROVIDE THE NECESSARY BRACING DURING DEMOLITION. SEE NOTE NUMBER 1 ON DRAWING DMS-200

- NOTES**
- EXISTING FRAMING BASED ON AVAILABLE DOCUMENTATION. CONTRACTOR TO FIELD VERIFY SIZE, LOCATION AND CONDITION OF ALL EXISTING FRAMING SHOWN. TO BE MODIFIED.
  - PHASE I INDICATES DEMOLITION PRIOR TO TOWER CONSTRUCTION.
  - PHASE II INDICATES DEMOLITION AFTER TOWER WALL CONSTRUCTION.
  - PERIMETER WALLS TO BE DEMOLISHED SHALL BE REMOVED PRIOR TO DEMOLITION OF ADJACENT SLAB AND BEAMS.
- DEMOLITION LEGEND**
- INDICATES EXISTING BEAM TO REMAIN
  - - - - INDICATES EXISTING BEAM (OR PARTIAL LENGTH OF BEAM) TO BE DEMOLISHED IN PHASE I
  - - - - INDICATES EXISTING BEAM TO BE DEMOLISHED IN PHASE II
  - INDICATES EXISTING SLAB TO BE DEMOLISHED IN PHASE I
  - INDICATES EXISTING SLAB TO BE DEMOLISHED IN PHASE II
  - ⊕ INDICATES EXISTING BEAM TO BE SHORED, CUT AND RECONNECTED TO NEW FRAMING IN PHASE II
  - ⊗ INDICATES EXISTING COLUMN BELOW TO BE DEMOLISHED IN PHASE II (BLDN)
  - ◇ INDICATES TEMPORARY BRACE COLUMN OR BEAM PRIOR TO GIRDERS REMOVAL
  - ▨ INDICATES EXISTING WALL BELOW TO BE DEMOLISHED IN PHASE I



**2 CELLAR DEMOLITION PLAN**  
 SCALE: 1/8" = 1'-0"

NOTES:  
 1. FOR GENERAL NOTES SEE DWG. DMS-200.



**sh p**

JDS DEVELOPMENT GROUP  
 100 WEST 57TH STREET, 4TH FLOOR  
 NEW YORK, NY 10019  
 TEL: 484 432 3636

ARCHITECT	SHAP ARCHITECTS, P.C. 210 BROADWAY, 11TH FLOOR NEW YORK, NY 10038 TEL: 212 607 9336	FAÇADE	BURRO HARRIS/OLD 100 BROADWAY NEW YORK, NY 10038 TEL: 212 214 2925
STRUCTURAL ENGINEER	YUSEF CANTOR NEWKIRK 228 EAST 43RD STREET NEW YORK, NY 10017 TEL: 212 697 9886	VERTICAL TRANSPORTATION	VAN DEUSEN & ASSOCIATES 10 BROADWAY, SUITE 214 LARKSPRING, NY 10520 TEL: 914 984 9176
MEP ENGINEER	JAROSLAW & BOLLER 80 WING STREET, 2ND FLOOR NEW YORK, NY 10005 TEL: 212 506 3333	RESTORATION	JAN HERS FORKORNY ASSOCIATES 40 WEST 44TH STREET, 11TH FLOOR NEW YORK, NY 10018 TEL: 212 294 6462
CIVIL ENGINEER	ARAF ENGINEERING, P.C. 40 WEST 44TH STREET, 11TH FLOOR NEW YORK, NY 10018 TEL: 212 294 6462	GEOTECH	URS 205 WEST 43RD STREET, 4TH FLOOR NEW YORK, NY 10018 TEL: 914 228 4300
ACOUSTICS	LONGMAN LINDSEY 40 WEST 43RD STREET, 4TH FLOOR NEW YORK, NY 10018 TEL: 914 228 4300	LIGHTING	CONSERVATION INTERNATIONAL 100 WALKER STREET, 7TH FLOOR EAST NEW YORK, NY 10001 TEL: 212 215 1463
INTERIORS	STUDIO SCHEFFEL 260 MANHATTAN STREET NEW YORK, NY 10001 TEL: 212 675 3300		



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 15 EAST 17TH STREET, 2ND FLOOR  
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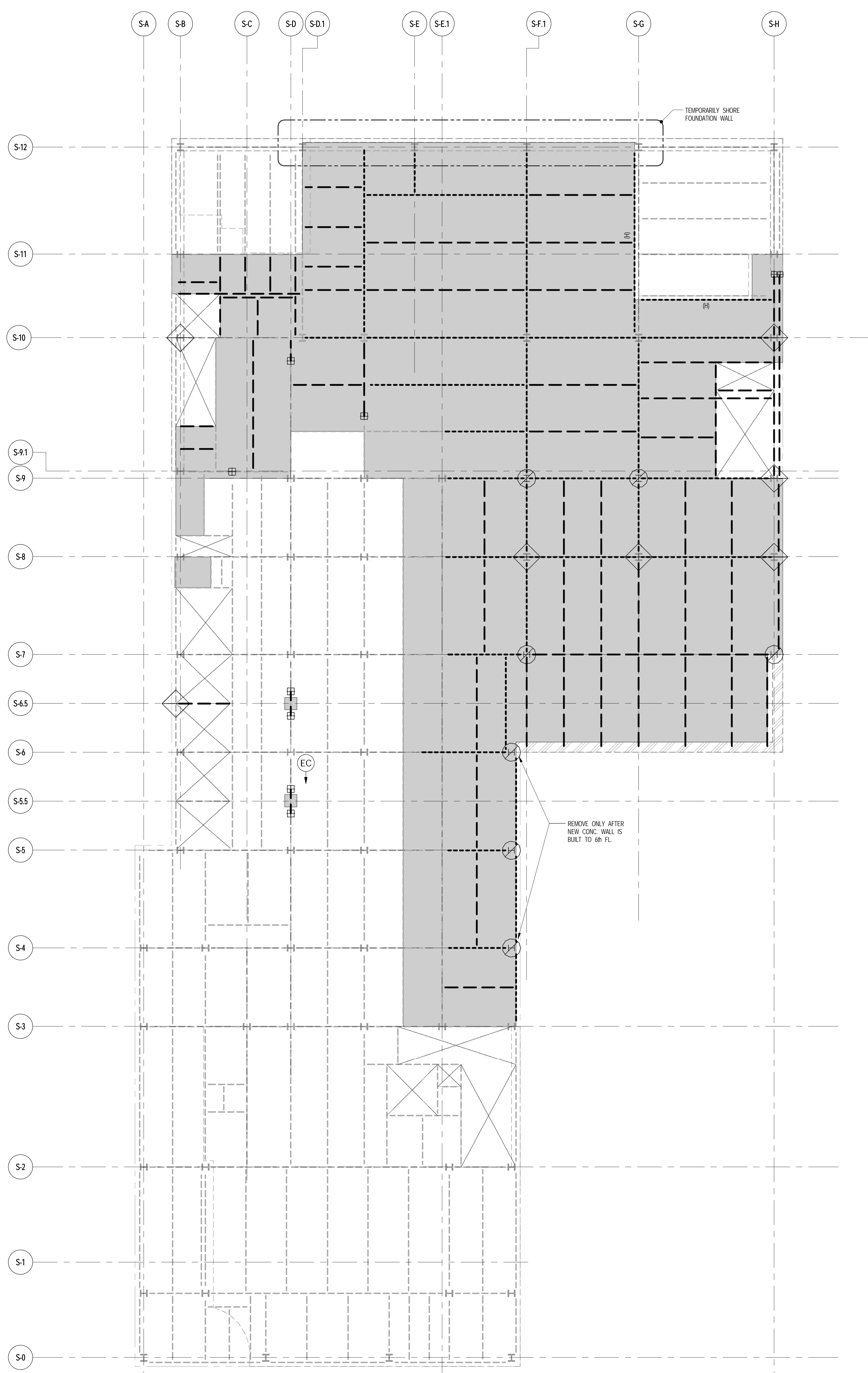
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02.12.2014	SPRINT ISSUED FOR PURCHASING		
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DRAWING TITLE  
**SUB-CELLAR AND CELLAR DEMOLITION PLAN**

SEAL & SIGNATURE  
 DATE  
 PROJECT NO. 1310180  
 DRAWN BY CADD  
 CHECKED BY RK  
 DATE NO.  
 DRAWING NUMBER  
 DMS-100.00







**1** 1ST FLOOR DEMOLITION PLAN  
DMS-101 SCALE: 1/8" = 1'-0"

NOTES  
1. FOR GENERAL NOTES SEE DWG. DMS-200

- NOTES**
- EXISTING FRAMING BASED ON AVAILABLE DOCUMENTATION. CONTRACTOR TO FIELD VERIFY SIZE, LOCATION AND CONDITION OF ALL EXISTING FRAMING SHOWN TO BE MODIFIED.
  - PHASE I INDICATES DEMOLITION PRIOR TO TOWER CONSTRUCTION. PHASE II INDICATES DEMOLITION AFTER TOWER WALL CONSTRUCTION.
  - PERIMETER WALLS TO BE DEMOLISHED SHALL BE REMOVED PRIOR TO DEMOLITION OF ADJACENT SLAB AND BEAMS.
- DEMOLITION LEGEND**
- INDICATES EXISTING BEAM TO REMAIN
  - - - - - INDICATES EXISTING BEAM (OR PARTIAL LENGTH OF BEAM) TO BE DEMOLISHED IN PHASE I
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  - INDICATES EXISTING SLAB TO BE DEMOLISHED IN PHASE I
  - INDICATES EXISTING SLAB TO BE DEMOLISHED IN PHASE II
  - ⊕ INDICATES EXISTING BEAM TO BE SHORED, CUT AND RECONNECTED TO NEW FRAMING IN PHASE II
  - ⊙ INDICATES EXISTING COLUMN BELOW TO BE DEMOLISHED IN PHASE II (L/O)
  - ▨ INDICATES EXISTING WALL BELOW TO BE DEMOLISHED IN PHASE I
  - ◇ INDICATES TEMPORARY BRACE COLUMN OR BEAM PRIOR TO ORDERS REMOVAL
  - ⊕ INDICATES HIGH BEAM
  - ⊕ ⊕ INDICATES EXIST. COL. TO REMAIN UP OR DOWN



JDS DEVELOPMENT GROUP  
100 WEST 47TH STREET, 4TH FLOOR  
NEW YORK, NY 10019  
TEL: 484 542 3600



ARCHITECT  
SHAP ARCHITECTS, P.C.  
210 BROADWAY, 11TH FLOOR  
NEW YORK, NY 10005  
TEL: 212 609 9300

STRUCTURAL ENGINEER  
BURROUGHS WAPPELOE  
100 BROADWAY  
NEW YORK, NY 10005  
TEL: 212 214 2025

MEP ENGINEER  
JARDIS, BALAN & BOLLER  
80 WEST 30TH STREET, 12TH FLOOR  
NEW YORK, NY 10001  
TEL: 212 512 9333

CIVIL ENGINEER  
ARAFI ENGINEERING, P.C.  
40 FIFTH AVE, 20TH FLOOR, 7TH FLOOR  
NEW YORK, NY 10003  
TEL: 212 279 6622

ACOUSTICS  
LONGMAN LINDSEY  
60 WEST 30TH STREET, 4TH FLOOR  
NEW YORK, NY 10001  
TEL: 917 209 1300

INTERIORS  
STUDIO SCHEFFEL  
30 LAURENCE STREET  
NEW YORK, NY 10001  
TEL: 212 675 1300

GEOTECH  
ARICE  
205 WEST 45TH STREET, 4TH FLOOR  
NEW YORK, NY 10018  
TEL: 917 208 4300

RESTORATION  
JAN HRO POKORNY ASSOCIATES  
40 WEST 17TH STREET, 11TH FLOOR, 10A  
NEW YORK, NY 10011  
TEL: 212 278 4443

LIGHTING  
CONSERVATION INTERNATIONAL  
105 WALKER STREET, 7TH FLOOR EAST  
NEW YORK, NY 10001  
TEL: 212 278 4443



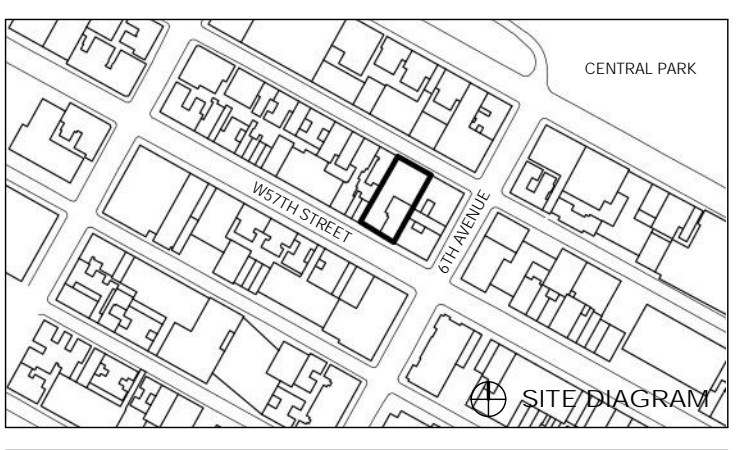
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NEW YORK, NY 10003  
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1ST FLOOR DEMOLITION PLAN

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PROJECT NO. 1310180	
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DOB NO.	
DRAWING NUMBER	

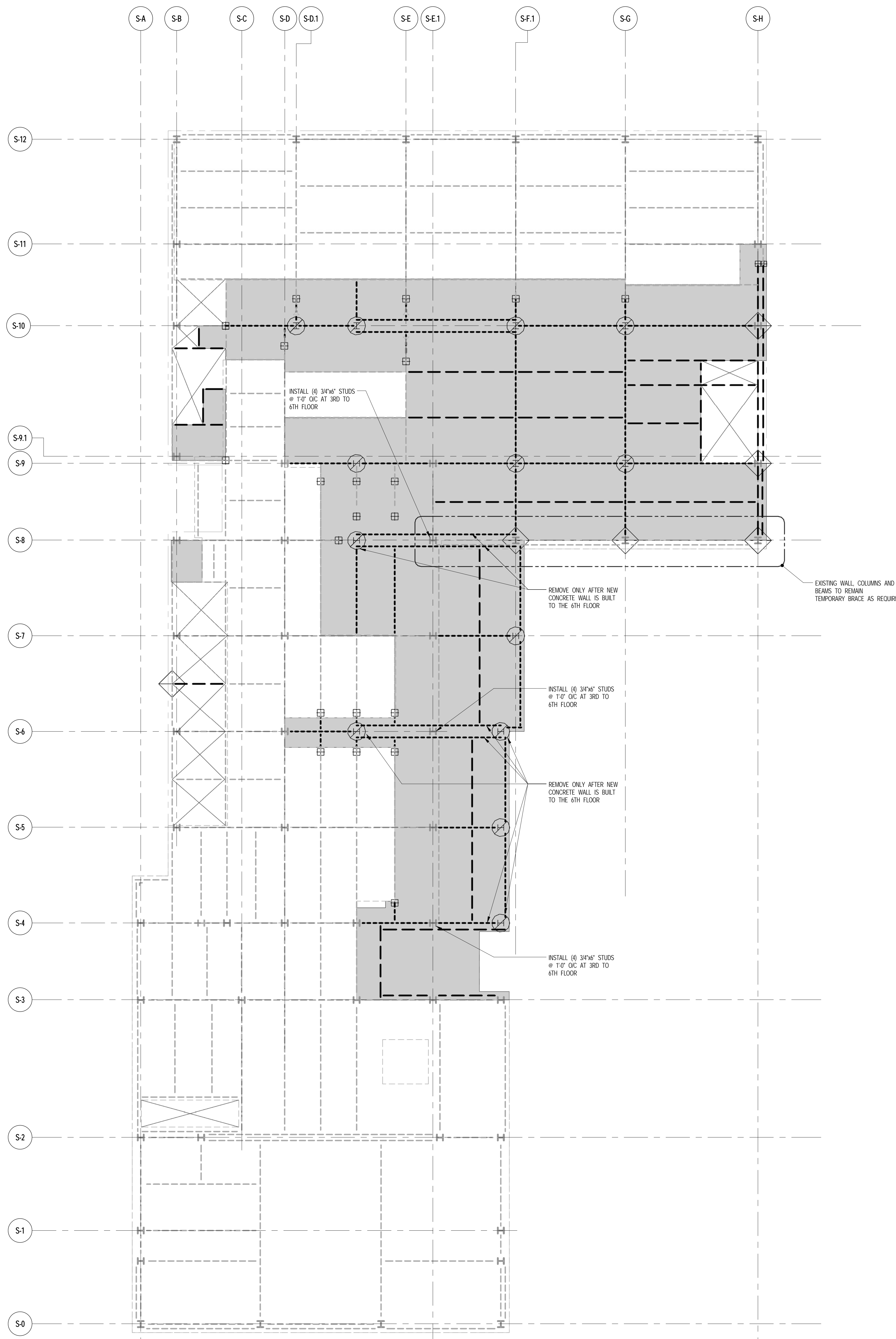


DMS-101.00









**1** 3RD FLOOR DEMOLITION PLAN  
DMS-103 SCALE: 1/8" = 1'-0"

NOTES  
1. FOR GENERAL NOTES SEE DWG. DMS-200.

THE CONTRACTOR'S PE TO PROVIDE THE NECESSARY BRACING DURING DEMOLITION. SEE NOTE NUMBER 1 ON DRAWING DMS-200

- NOTES**
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  - INDICATES EXISTING SLAB TO BE DEMOLISHED IN PHASE I
  - INDICATES EXISTING SLAB TO BE DEMOLISHED IN PHASE II
  - ⊕ INDICATES EXISTING BEAM TO BE SKROD, CUT AND RECONNECTED TO NEW FRAMING IN PHASE II
  - ⊙ INDICATES EXISTING COLUMN BELOW TO BE DEMOLISHED IN PHASE II (L/DN)
  - ◇ INDICATES TEMPORARY BRACE COLUMN OR BEAM PRIOR TO ORDERS REMOVAL
  - ▨ INDICATES EXISTING WALL BELOW TO BE DEMOLISHED IN PHASE I



JDS DEVELOPMENT GROUP  
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NY 494 632 3608



ARCHITECT  
SHAP ARCHITECTS, P.C.  
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NEW YORK, NY 10013  
NY 212 689 9336

STRUCTURAL ENGINEER  
TOPP CARTER SEAFORD  
228 EAST 43RD STREET  
NEW YORK, NY 10017  
NY 212 687 9886

MEP ENGINEER  
JARDIS, BALAN & BOLLER  
89 WINE STREET, 2ND FLOOR  
NEW YORK, NY 10013  
NY 212 539 9333

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ARAFI ENGINEERING, P.C.  
40 FRODO AVE, 5TH FLOOR, 7TH FLOOR  
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NEW YORK, NY 10011  
NY 917 209 1300

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STUDIO SCHEFFEL  
38 WALKER STREET  
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NY 212 675 1300

FAÇADE  
BURROUGHS WERFIELD  
100 BROADWAY  
NEW YORK, NY 10013  
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VAN DEUSEN & ASSOCIATES  
13 BROADWAY, 20TH FLOOR  
LARKSPER, ALICORN  
NY 212 688 8726

RESTORATION  
JAN HROD POKORNY ASSOCIATES  
40 WEST 17TH STREET, 11TH FLOOR, 12A  
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205 WEST 45TH STREET, 4TH FLOOR  
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LIGHTING  
CONSERVATION INTERNATIONAL  
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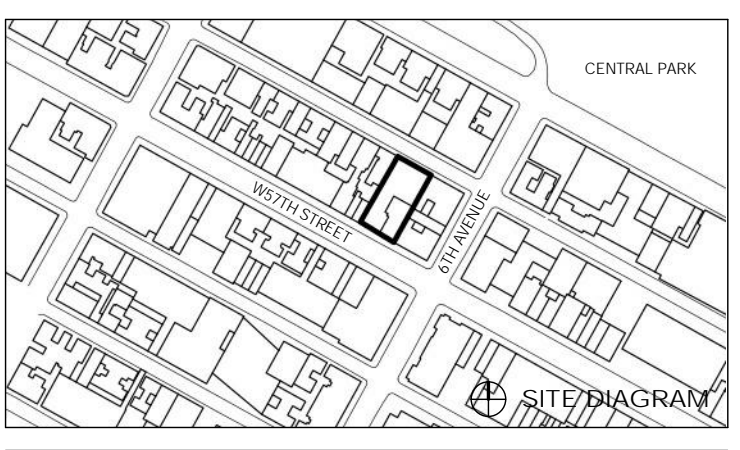


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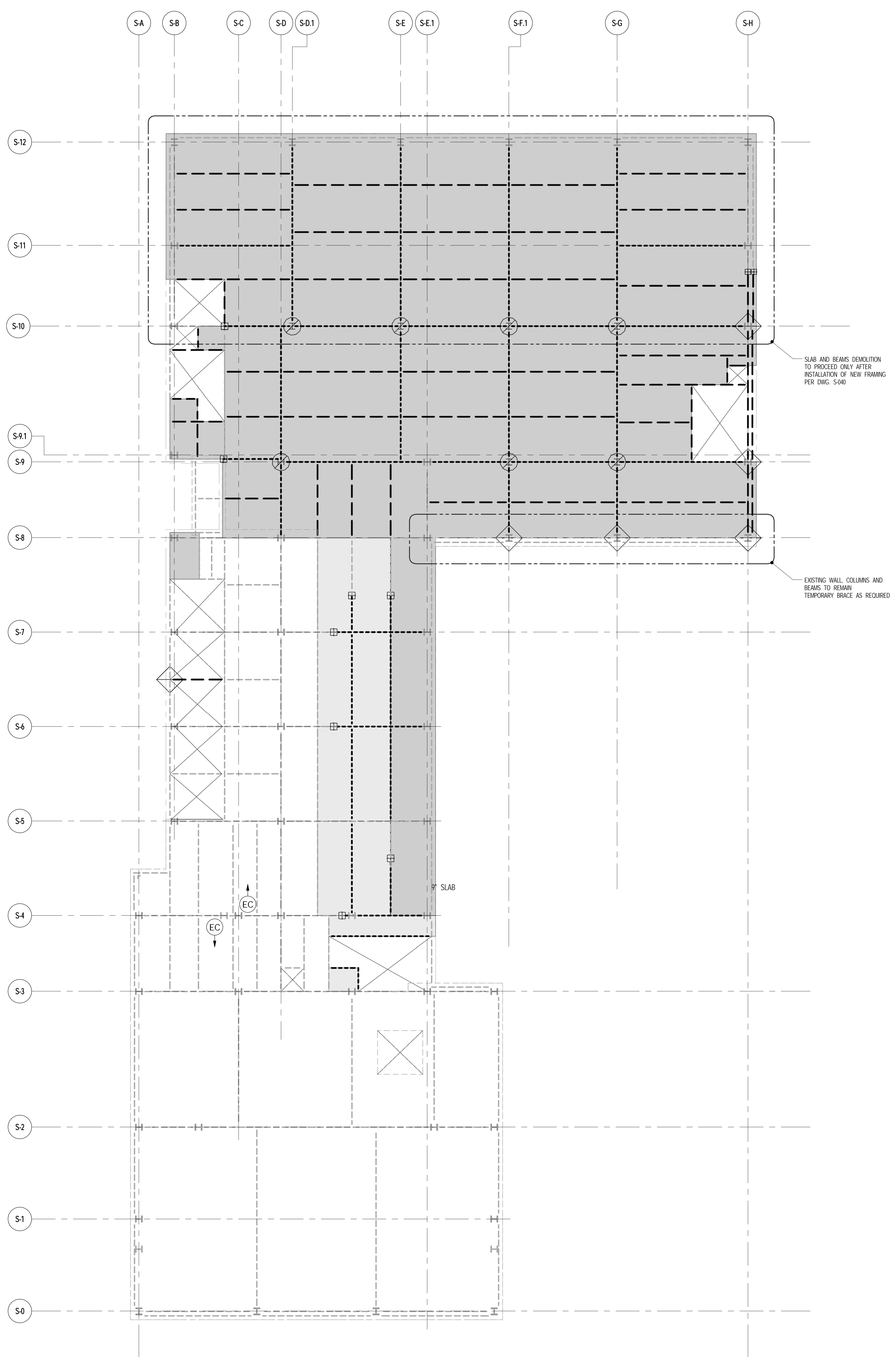


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03/10/2014	BRND ISSUED FOR PERMITS			

DRAWING TITLE  
**3RD FLOOR DEMOLITION PLAN**

SEAL & SIGNATURE  
DATE  
PROJECT NO. 1310180  
DRAWN BY CAD/D  
CHECKED BY RK  
DOB NO.  
DRAWING NUMBER  
DMS-103.00





**1** 4TH FLOOR DEMOLITION PLAN  
DMS-104 SCALE: 1/8" = 1'-0"

NOTES  
1. FOR GENERAL NOTES SEE DWG. DMS-200.

THE CONTRACTOR'S PE TO PROVIDE THE NECESSARY BRACING DURING DEMOLITION. SEE NOTE NUMBER 1 ON DRAWING DMS-200

- NOTES**
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- DEMOLITION LEGEND**
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  - INDICATES EXISTING SLAB TO BE DEMOLISHED IN PHASE II
  - ⊕ INDICATES EXISTING BEAM TO BE SHORED, CUT AND RECONNECTED TO NEW FRAMING IN PHASE II
  - ⊙ INDICATES EXISTING COLUMN BELOW TO BE DEMOLISHED IN PHASE II (UQD)
  - ◇ INDICATES TEMPORARY BRACE COLUMN OR BEAM PRIOR TO GIRDERS REMOVAL
  - ▨ INDICATES EXISTING WALL BELOW TO BE DEMOLISHED IN PHASE I



JDS DEVELOPMENT GROUP  
104 E 75th Avenue, 4th Floor  
New York, NY 10011  
Tel: 484 432 3608



ARCHITECT  
SHAP ARCHITECTS, P.C.  
210 BROADWAY, 11th Floor  
New York, NY 10038  
Tel: 212 697 9306

STRUCTURAL ENGINEER  
YUSUF CAHFOR SEYEDIN  
228 EAST 41st STREET  
New York, NY 10017  
Tel: 212 697 9886

MEP ENGINEER  
JARDIS, BALAM & BOLLER  
89 W. 31st STREET, 12th Floor  
New York, NY 10018  
Tel: 212 697 9333

CIVIL ENGINEER  
ARAF ENGINEERING, P.C.  
40 FRODO AVE, 10th Floor  
New York, NY 10018  
Tel: 212 697 9333

ACOUSTICS  
LONGMAN LINDSEY  
40 WEST 30th STREET, 4th Floor  
New York, NY 10018  
Tel: 917 209 1300

INTERIORS  
STUDIO SCHEFFEL  
36 W. MARKET STREET  
New York, NY 10001  
Tel: 212 675 1300

FAÇADE  
BURROUGHS WAPPELO  
100 BROADWAY  
New York, NY 10005  
Tel: 212 214 2025

VERTICAL TRANSPORTATION  
VAN DEUSEN & ASSOCIATES  
10 BROADWAY, 20th Floor  
New York, NY 10004  
Tel: 212 697 9333

RESTORATION  
JAN HRO POKORNY ASSOCIATES  
30 WEST 17th STREET, 11th Floor  
New York, NY 10011  
Tel: 212 294 6464

GEO TECH  
ARVICE  
205 WEST 45th STREET, 4th Floor  
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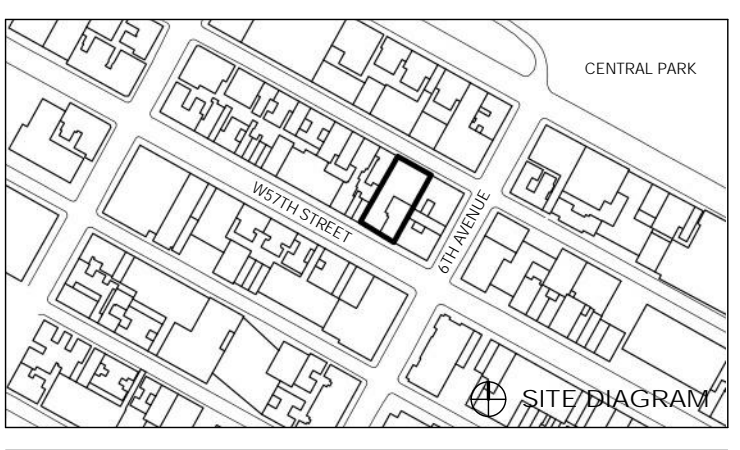
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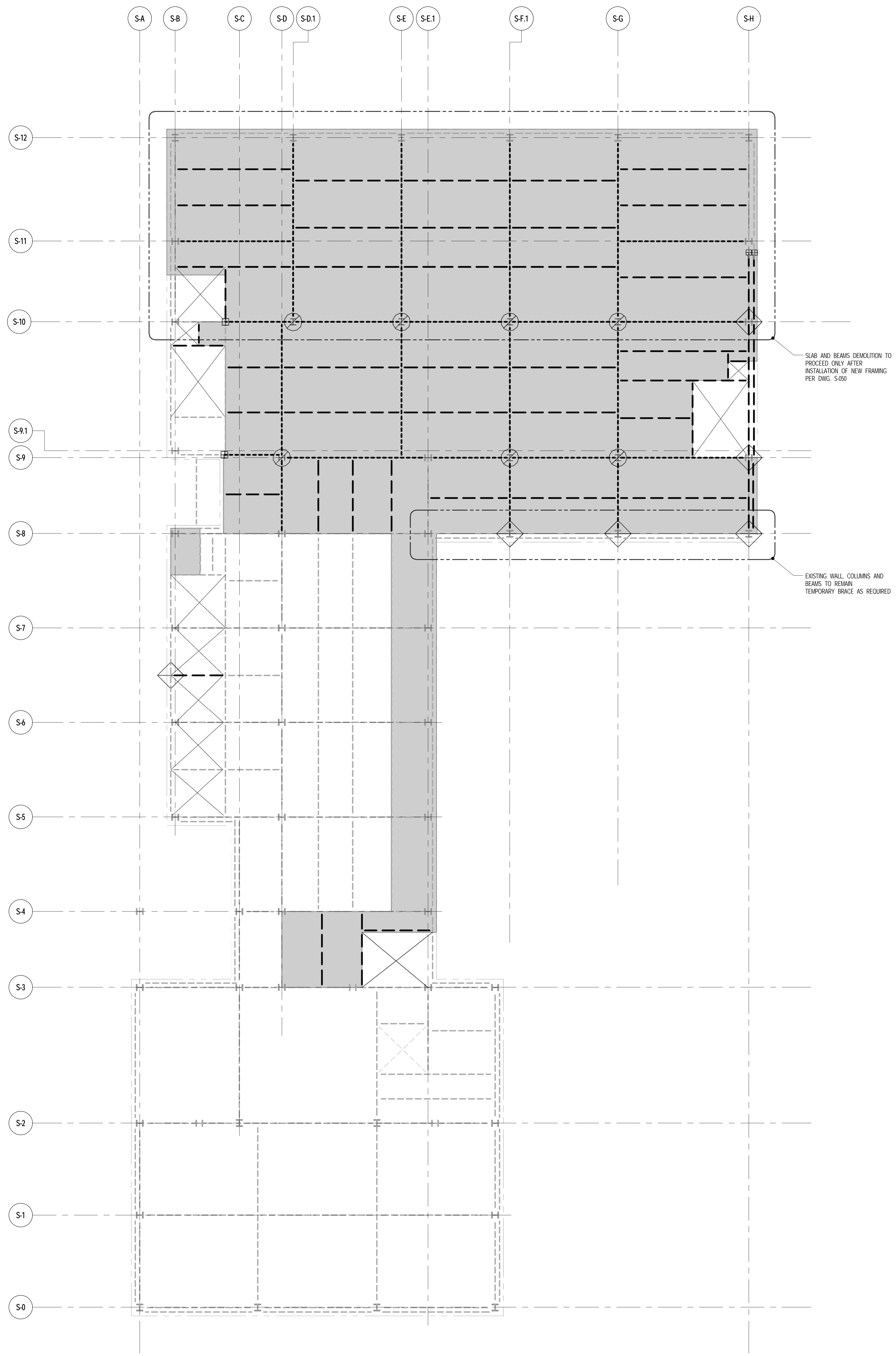
DRAWING TITLE  
**4TH FLOOR DEMOLITION PLAN**

SEAL & SIGNATURE	DATE
PROJECT NO. 1310180	
DRAWN BY CAD/D	
CHECKED BY RK	
DOB NO.	
DRAWING NUMBER	



DMS-104.00





**1** 5TH FLOOR DEMOLITION PLAN  
DMS-105 SCALE: 1/8" = 1'-0"

NOTES  
1. FOR GENERAL NOTES SEE DWG. DMS-200.

THE CONTRACTOR'S PE TO PROVIDE THE NECESSARY BRACING DURING DEMOLITION. SEE NOTE NUMBER 1 ON DRAWING DMS-200

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  - ▨ INDICATES EXISTING WALL BELOW TO BE DEMOLISHED IN PHASE I



JDS DEVELOPMENT GROUP  
104 FIFTH AVENUE, 4TH FLOOR  
NEW YORK, NY 10011  
NY 484 542 3600



ARCHITECT  
SHAP ARCHITECTS, P.C.  
210 BROADWAY, 11TH FLOOR  
NEW YORK, NY 10038  
NY 212 607 9000

STRUCTURAL ENGINEER  
TOPIC CONSULTING GROUP  
228 EAST 43RD STREET  
NEW YORK, NY 10017  
NY 212 687 9886

MEP ENGINEER  
JARDIS, BALAN & BOLLER  
80 WEST STREET, 20TH FLOOR  
NEW YORK, NY 10005  
NY 212 693 9333

CIVIL ENGINEER  
ARAF ENGINEERING, P.C.  
40 FIFTH AVE, 20TH FLOOR, 7TH FLOOR  
NEW YORK, NY 10003  
NY 212 688 9028

ACOUSTICS  
LONGMAN LINDSEY  
40 WEST 20TH STREET, 4TH FLOOR  
NEW YORK, NY 10011  
NY 917 209 1300

INTERIORS  
STUDIO SCHEFFEL  
300 LAURETTA STREET  
NEW YORK, NY 10001  
NY 212 675 1300

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BURROUGHS WAPFOLD  
100 BROADWAY  
NEW YORK, NY 10005  
NY 212 234 2025

VERTICAL TRANSPORTATION  
VAN DEUSEN & ASSOCIATES  
3 BROADWAY, SUITE 2014  
LAWRENCEVILLE, NJ 07046  
NJ 973 984 8700

RESTORATION  
JAN HRO POKORNY ASSOCIATES  
30 WEST 17TH STREET, 11TH FLOOR (A)  
NEW YORK, NY 10011  
NY 212 294 6462

GEO TECH  
ARVICE  
205 WEST 43RD STREET, 4TH FLOOR  
NEW YORK, NY 10018  
NY 917 281 9300

LIGHTING  
CONSERVATION INTERNATIONAL  
105 WALKER STREET, 7TH FLOOR EAST  
NEW YORK, NY 10002  
NY 212 275 4463



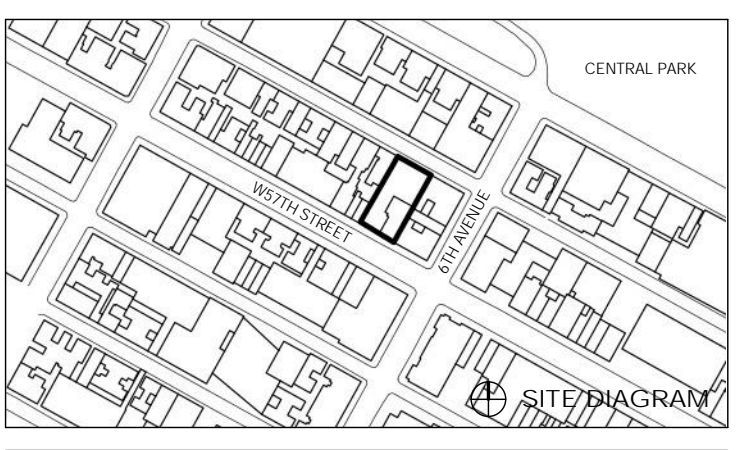
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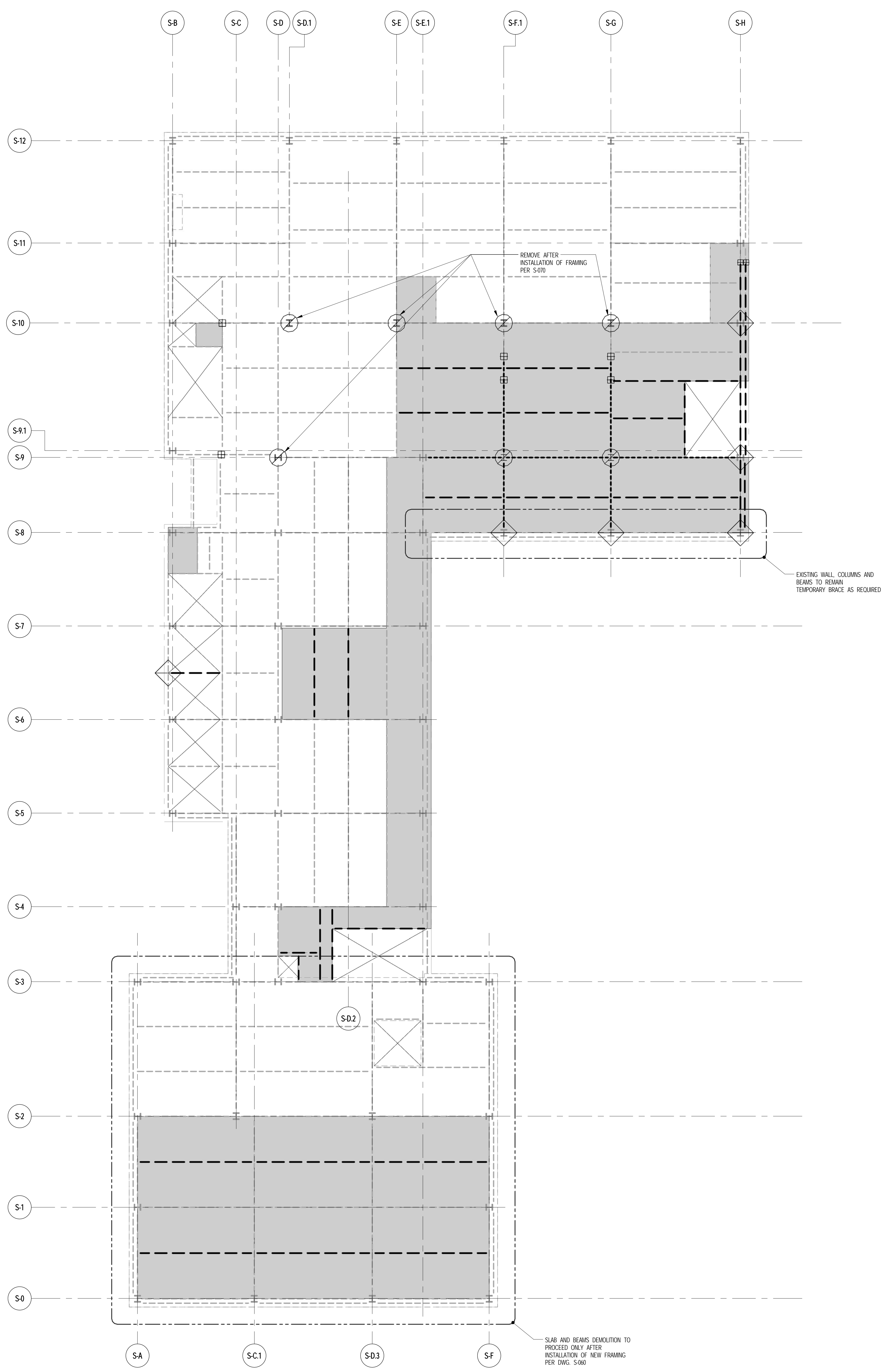
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**5TH FLOOR DEMOLITION PLAN**

SEAL & SIGNATURE  
DATE  
PROJECT NO. 1310180  
DRAWN BY CADD  
CHECKED BY RK  
DCR NO.  
DRAWING NUMBER  
DMS-105.00





**1** 6TH FLOOR DEMOLITION PLAN  
DMS-106 SCALE: 1/8" = 1'-0"

NOTES  
1. FOR GENERAL NOTES SEE DWG. DMS-200.

THE CONTRACTOR'S PE TO PROVIDE THE NECESSARY BRACING DURING DEMOLITION. SEE NOTE NUMBER 1 ON DRAWING DMS-200

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  - - - - - INDICATES EXISTING BEAM TO BE DEMOLISHED IN PHASE II
  - INDICATES EXISTING SLAB TO BE DEMOLISHED IN PHASE I
  - INDICATES EXISTING SLAB TO BE DEMOLISHED IN PHASE II
  - ⊕ INDICATES EXISTING BEAM TO BE SHORED, CUT AND RECONNECTED TO NEW FRAMING IN PHASE II
  - ⊙ INDICATES EXISTING COLUMN BELOW TO BE DEMOLISHED IN PHASE II (B.U.O.)
  - ◇ INDICATES TEMPORARY BRACE COLUMN OR BEAM PRIOR TO ORDERS REMOVAL
  - ▨ INDICATES EXISTING WALL BELOW TO BE DEMOLISHED IN PHASE I



JDS DEVELOPMENT GROUP  
100 WEST 47TH STREET, 4TH FLOOR  
NEW YORK, NY 10019  
NY 484 632 3600



ARCHITECT	SHMP ARCHITECTS, P.C. 210 BROADWAY, 11TH FLOOR NEW YORK, NY 10038 NY 212 607 9300	FAÇADE	BOURD HANFORD 100 BROADWAY NEW YORK, NY 10005 NY 212 234 2025
STRUCTURAL ENGINEER	TRIP CARTER NEWKIRK 228 EAST 43RD STREET NEW YORK, NY 10017 NY 212 697 9886	VERTICAL TRANSPORTATION	VAN DEUSEN & ASSOCIATES 3 BROADWAY, SUITE 214 LARKSPER, ALICORN NY 212 694 8720
MEP ENGINEER	JAROS, BALAN & BOLLER 89 WEST STREET, 20TH FLOOR NEW YORK, NY 10005 NY 212 509 9333	RESTORATION	JAN HRO POKORNY ASSOCIATES 20 WEST 17TH STREET, 11TH FLOOR, 10A NEW YORK, NY 10011 NY 212 294 6462
CIVIL ENGINEER	ARAF ENGINEERING, P.C. 60 FIFTH AVE, 20TH FLOOR, 17TH FLOOR NEW YORK, NY 10011 NY 646 388 9028	GEOTECH	LONGMAN LINDSEY 6 WEST 20TH STREET, 4TH FLOOR NEW YORK, NY 10011 NY 917 209 1200
ACOUSTICS	LONGMAN LINDSEY 6 WEST 20TH STREET, 4TH FLOOR NEW YORK, NY 10011 NY 917 209 1200	INTERIORS	STUDIO SCHEFFEL 300 W. 42ND STREET NEW YORK, NY 10018 NY 212 675 1200
			CONSERVATION INTERNATIONAL 105 WALKER STREET, 7TH FLOOR EAST NEW YORK, NY 10002 NY 212 252 4943

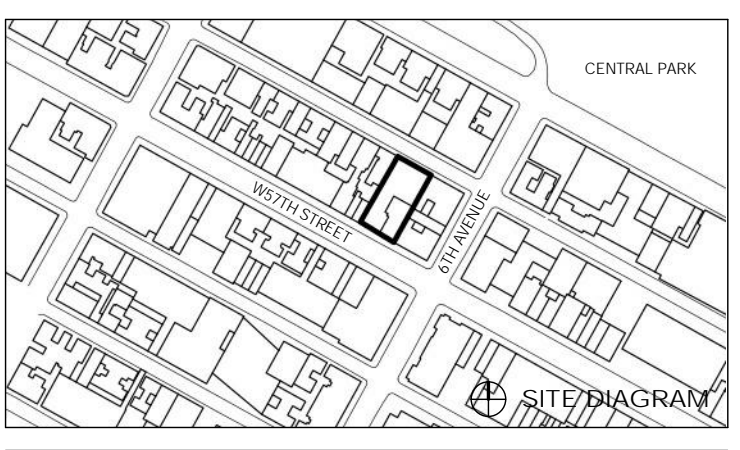


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1 EAST 17TH STREET, 2ND FLOOR  
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DRAWING TITLE  
**6TH FLOOR DEMOLITION PLAN**

SEAL & SIGNATURE	DATE	PROJECT NO.	1310180
		DRAWN BY	CADD
		CHECKED BY	JK
		DOB NO.	
		DRAWING NUMBER	



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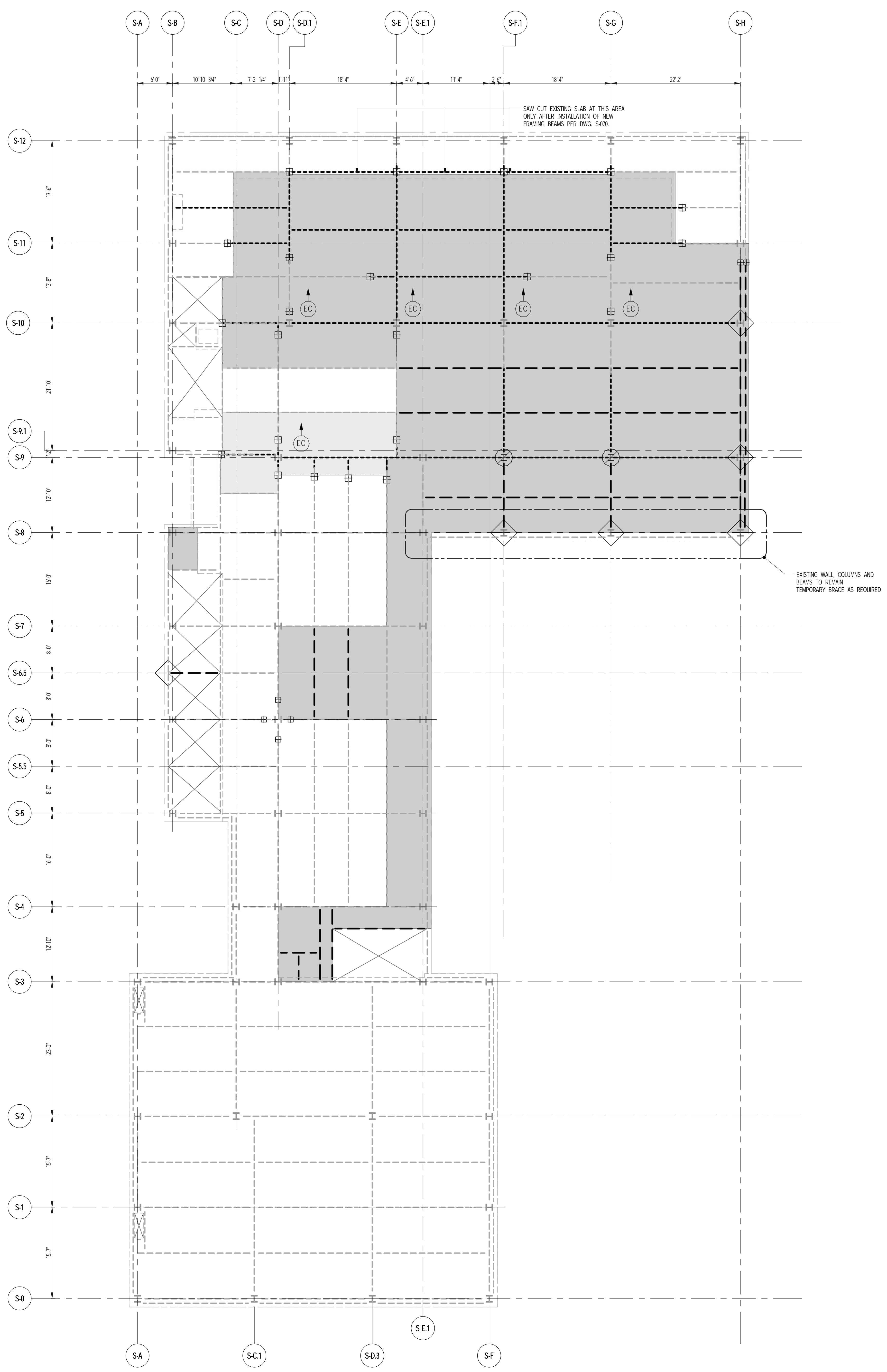
ARCHITECT	SHMP ARCHITECTS, P.C. 210 BROADWAY, 11TH FLOOR NEW YORK, NY 10038 NY 212 609 9000
STRUCTURAL ENGINEER	YUSUF CAHFOR SEYEDIN 228 EAST 43RD STREET NEW YORK, NY 10017 NY 212 697 9886
MEP ENGINEER	JARVIS, BAUM & BOLLER 89 WEST STREET, 20TH FLOOR NEW YORK, NY 10005 NY 212 509 9333
CIVIL ENGINEER	ARAF ENGINEERING, P.C. 60 FIFTH AVE, 20TH FLOOR, 7TH FLOOR NEW YORK, NY 10005 NY 646 388 9028
ACOUSTICS	LONGMAN LINDSEY 6 WEST 30TH STREET, 4TH FLOOR NEW YORK, NY 10001 NY 917 329 1300
INTERIORS	STUDIO SCHEFFEL 30 LAURENCE STREET NEW YORK, NY 10001 NY 212 675 1300
FAÇADE	BURROUGHS WAPFOLD 100 BROADWAY NEW YORK, NY 10005 NY 212 234 2025
VERTICAL TRANSPORTATION	VAN DEUSEN & ASSOCIATES 10 BROADWAY, SUITE 2014 LAWRENCEVILLE, NJ 07049 NY 908 988 8700
RESTORATION	JAN HRO POKORNY ASSOCIATES 20 WEST 17TH STREET, 11TH FLOOR NEW YORK, NY 10011 NY 212 254 6462
GEO TECH	ARVICE 205 WEST 45TH STREET, 4TH FLOOR NEW YORK, NY 10018 NY 917 328 4300
LIGHTING	CONSERVATION INTERNATIONAL 105 WALKER STREET, 7TH FLOOR EAST NEW YORK, NY 10001 NY 212 255 4463



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1 EAST 17TH STREET, 2ND FLOOR  
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NY 212 693 0000

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THE CONTRACTOR'S PE TO PROVIDE THE NECESSARY BRACING DURING DEMOLITION. SEE NOTE NUMBER 1 ON DRAWING DMS-200

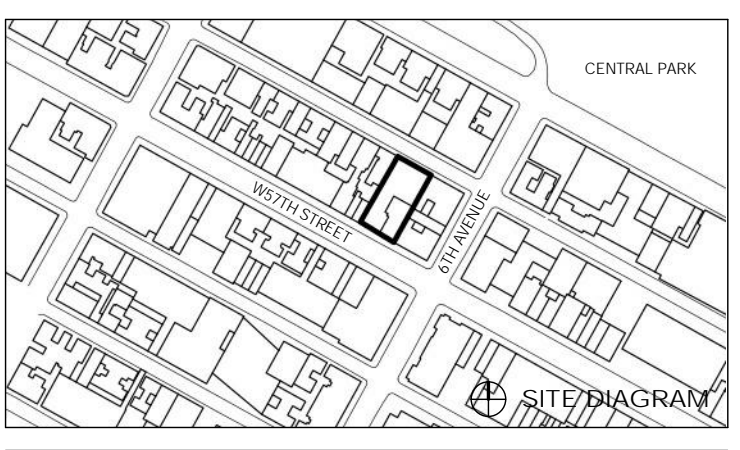
- NOTES**
- EXISTING FRAMING BASED ON AVAILABLE DOCUMENTATION. CONTRACTOR TO FIELD VERIFY SIZE, LOCATION AND CONDITION OF ALL EXISTING FRAMING SHOWN TO BE MODIFIED.
  - PHASE I INDICATES DEMOLITION PRIOR TO TOWER CONSTRUCTION. PHASE II INDICATES DEMOLITION AFTER TOWER WALL CONSTRUCTION.
  - PERIMETER WALLS TO BE DEMOLISHED SHALL BE REMOVED PRIOR TO DEMOLITION OF ADJACENT SLAB AND BEAMS.

- DEMOLITION LEGEND**
- INDICATES EXISTING BEAM TO REMAIN
  - - - - INDICATES EXISTING BEAM (OR PARTIAL LENGTH OF BEAM) TO BE DEMOLISHED IN PHASE I
  - INDICATES EXISTING BEAM TO BE DEMOLISHED IN PHASE II
  - █ INDICATES EXISTING SLAB TO BE DEMOLISHED IN PHASE I
  - █ INDICATES EXISTING SLAB TO BE DEMOLISHED IN PHASE II
  - ⊠ INDICATES EXISTING BEAM TO BE SHORED, CUT AND RECONNECTED TO NEW FRAMING IN PHASE I
  - ⊠ INDICATES EXISTING COLUMN BELOW TO BE DEMOLISHED IN PHASE II (0.0'N)
  - ⊠ INDICATES EXISTING WALL BELOW TO BE DEMOLISHED IN PHASE I
  - ⊠ INDICATES TEMPORARY BRACE COLUMN OR BEAM PRIOR TO GIRDERS REMOVAL
  - ⊠ INDICATES HIGH BEAM
  - ⊠ INDICATES EXIST. COL. TO REMAIN UP OR DOWN

**1** 7TH FLOOR DEMOLITION PLAN  
DMS-107 SCALE: 1/8" = 1'-0"

NOTES  
1. FOR GENERAL NOTES SEE DWG. DMS-200.

**111 WEST 57TH STREET**  
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NEW YORK, NY 10019



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02/10/2014	ISSUE ISSUED FOR PERMITTING			
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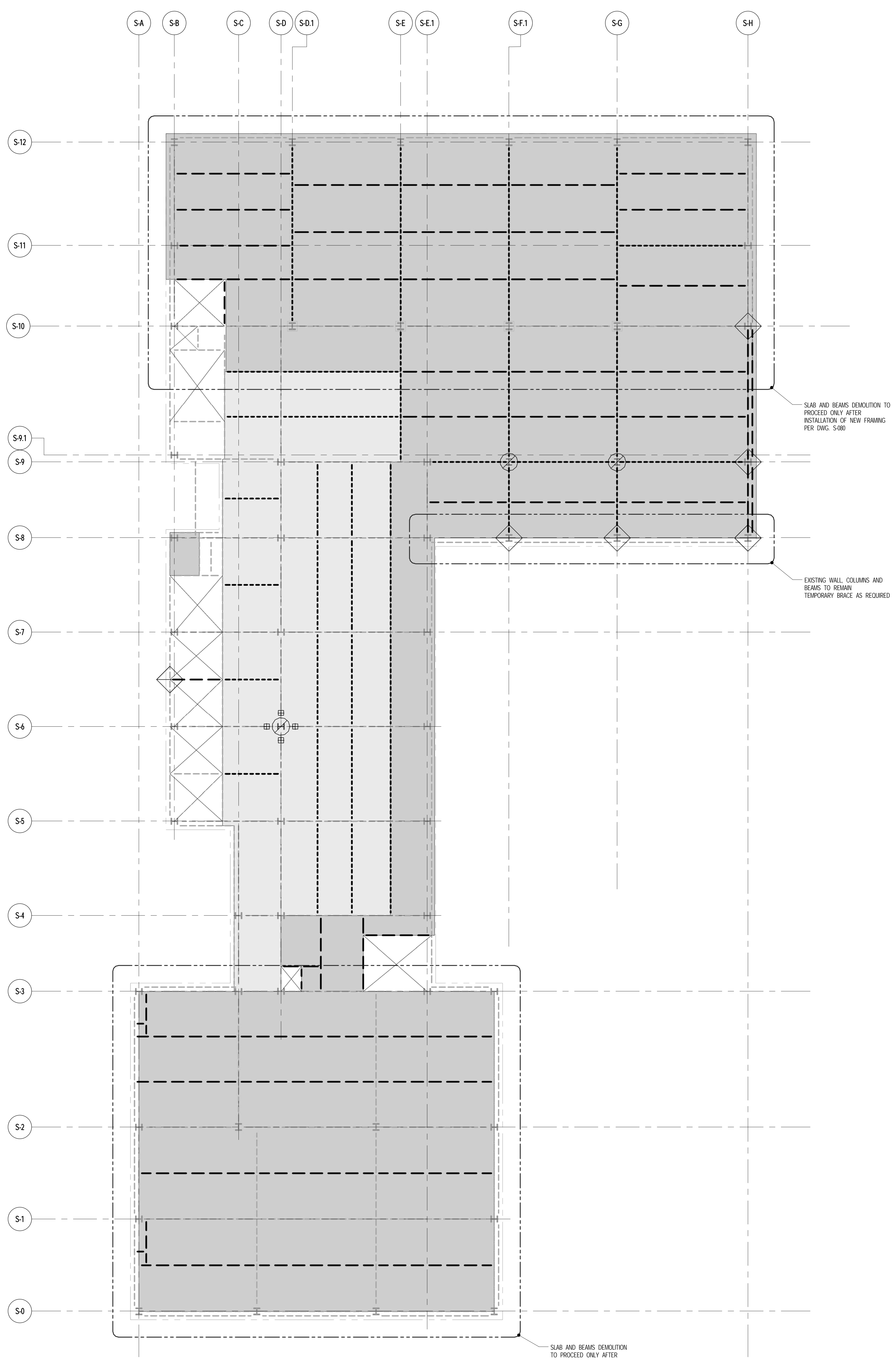
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**7TH FLOOR DEMOLITION PLAN**

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DOB NO.  
DRAWING NUMBER  
**DMS-107.00**







**1** 8TH FLOOR DEMOLITION PLAN  
DMS-108 SCALE: 1/8" = 1'-0"

NOTES  
1. FOR GENERAL NOTES SEE DWG. DMS-200.

THE CONTRACTOR'S PE TO PROVIDE THE NECESSARY BRACING DURING DEMOLITION. SEE NOTE NUMBER 1 ON DRAWING DMS-200

- NOTES**
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  - PHASE II INDICATES DEMOLITION AFTER TOWER WALL CONSTRUCTION.
  - PERIMETER WALLS TO BE DEMOLISHED SHALL BE REMOVED PRIOR TO DEMOLITION OF ADJACENT SLAB AND BEAMS.
- DEMOLITION LEGEND**
- INDICATES EXISTING BEAM TO REMAIN
  - INDICATES EXISTING BEAM (OR PARTIAL LENGTH OF BEAM) TO BE DEMOLISHED IN PHASE I
  - INDICATES EXISTING BEAM TO BE DEMOLISHED IN PHASE II
  - INDICATES EXISTING SLAB TO BE DEMOLISHED IN PHASE I
  - INDICATES EXISTING SLAB TO BE DEMOLISHED IN PHASE II
  - INDICATES EXISTING BEAM TO BE SHORED, CUT AND RECONNECTED TO NEW FRAMING IN PHASE II
  - INDICATES EXISTING COLUMN BELOW TO BE DEMOLISHED IN PHASE II (U/O)
  - INDICATES TEMPORARY BRACE COLUMN OR BEAM PRIOR TO GIRDERS REMOVAL
  - INDICATES EXISTING WALL BELOW TO BE DEMOLISHED IN PHASE I



JDS DEVELOPMENT GROUP  
164 FIFTH AVENUE, 4TH FLOOR  
NEW YORK, NY 10011  
NY 484 542 3600



ARCHITECT  
SHAP ARCHITECTS, P.C.  
210 BROADWAY, 11TH FLOOR  
NEW YORK, NY 10038  
NY 212 607 9000

STRUCTURAL ENGINEER  
YUSEF CAHFOR SEIFERUD  
228 EAST 43RD STREET  
NEW YORK, NY 10017  
NY 212 697 9886

MEP ENGINEER  
JARDIS, BALM & BOLLER  
89 WINE STREET, 12TH FLOOR  
NEW YORK, NY 10038  
NY 212 693 9333

CIVIL ENGINEER  
ARAF ENGINEERING, P.C.  
40 FIFTH AVE, 20TH FLOOR  
NEW YORK, NY 10011  
NY 646 388 9028

ACOUSTICS  
LONGMAN LINDSEY  
6 WEST 20TH STREET, 4TH FLOOR  
NEW YORK, NY 10011  
NY 917 209 1300

INTERIORS  
STUDIO SCHEFFEL  
26 LAURENCE STREET  
NEW YORK, NY 10001  
NY 212 675 1300

FAÇADE  
BURROUGHS WAPFOLD  
100 BROADWAY  
NEW YORK, NY 10038  
NY 212 234 2025

VERTICAL TRANSPORTATION  
VAN DEUSEN & ASSOCIATES  
13 BROADWAY, SUITE 2014  
LARKSPER, NY 10009  
NY 212 968 9700

RESTORATION  
JAN HERS FOKORNY ASSOCIATES  
20 WEST 17TH STREET, 11TH FLOOR  
NEW YORK, NY 10011  
NY 212 294 6662

GEO TECH  
ARICE  
205 WEST 43RD STREET, 4TH FLOOR  
NEW YORK, NY 10018  
NY 917 281 9300

LIGHTING  
CONSERVATION INTERNATIONAL  
105 WALKER STREET, 7TH FLOOR EAST  
NEW YORK, NY 10001  
NY 212 275 4463



PROPERTY MARKETS GROUP  
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NEW YORK, NY 10003  
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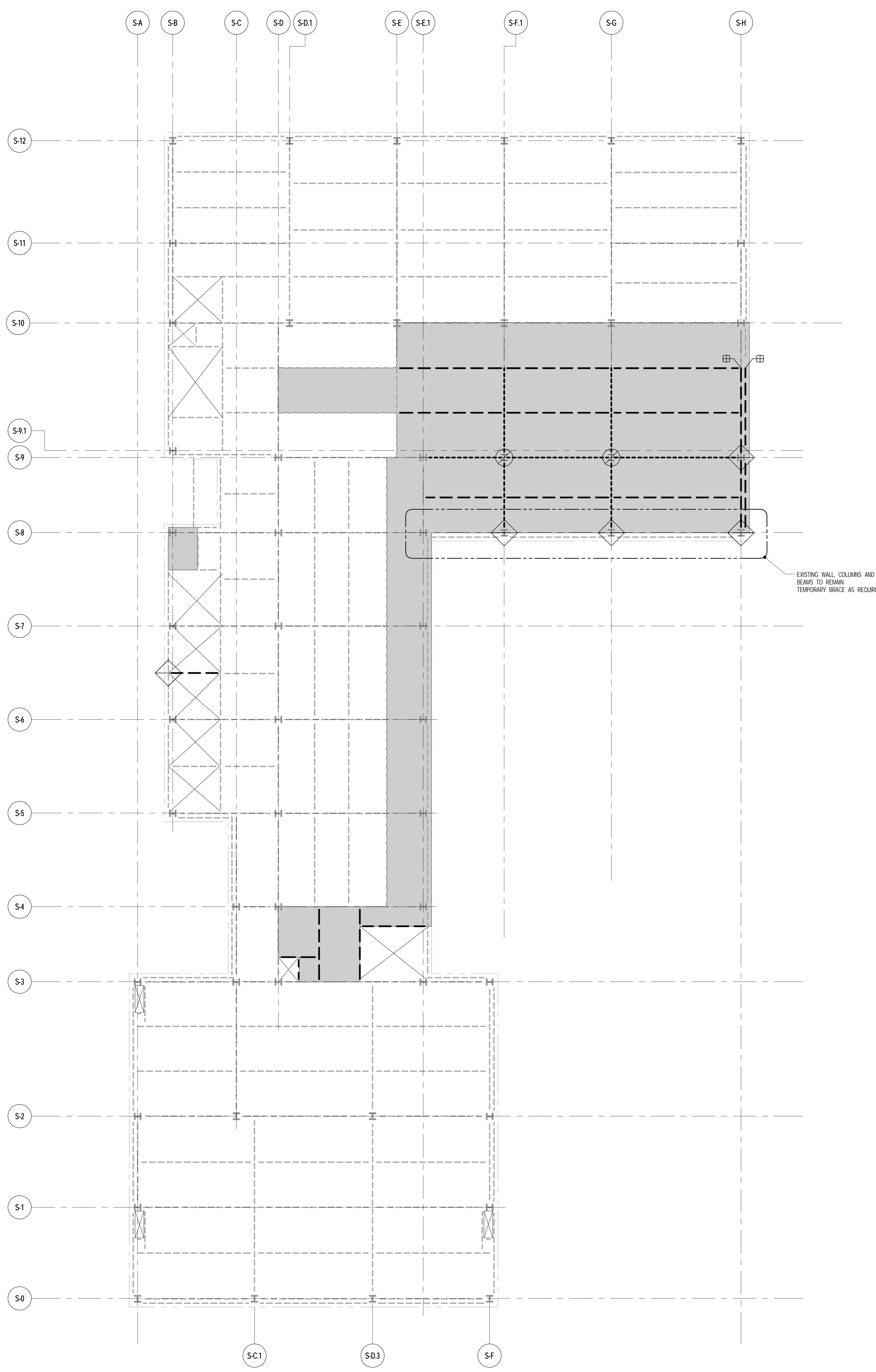
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**8TH FLOOR DEMOLITION PLAN**

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PROJECT NO. 1310180	
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CHECKED BY RK	
DOER NO.	
DRAWING NUMBER	



DMS-108.00





**1** 9TH FLOOR DEMOLITION PLAN  
DMS-109 SCALE: 1/8" = 1'-0"

NOTES  
1. FOR GENERAL NOTES SEE DWG. DMS-200.

THE CONTRACTOR'S PE TO PROVIDE THE NECESSARY BRACING DURING DEMOLITION. SEE NOTE NUMBER 1 ON DRAWING DMS-200

- NOTES**
- EXISTING FRAMING BASED ON AVAILABLE DOCUMENTATION. CONTRACTOR TO FIELD VERIFY SIZE, LOCATION AND CONDITION OF ALL EXISTING FRAMING SHOWN. TO BE MODIFIED.
  - PHASE I INDICATES DEMOLITION PRIOR TO TOWER CONSTRUCTION.
  - PHASE II INDICATES DEMOLITION AFTER TOWER WALL CONSTRUCTION.
  - PERIMETER WALLS TO BE DEMOLISHED SHALL BE REMOVED PRIOR TO DEMOLITION OF ADJACENT SLAB AND BEAMS.
- DEMOLITION LEGEND**
- INDICATES EXISTING BEAM TO REMAIN
  - - - - - INDICATES EXISTING BEAM (OR PARTIAL LENGTH OF BEAM) TO BE DEMOLISHED IN PHASE I
  - - - - - INDICATES EXISTING BEAM TO BE DEMOLISHED IN PHASE II
  - INDICATES EXISTING SLAB TO BE DEMOLISHED IN PHASE I
  - INDICATES EXISTING SLAB TO BE DEMOLISHED IN PHASE II
  - ⊕ INDICATES EXISTING BEAM TO BE SHORED, CUT AND RECONNECTED TO NEW FRAMING IN PHASE II
  - ⊙ INDICATES EXISTING COLUMN BELOW TO BE DEMOLISHED IN PHASE II (A/D/A)
  - ◇ INDICATES TEMPORARY BRACE COLUMN OR BEAM PRIOR TO ORDERS REMOVAL
  - ▨ INDICATES EXISTING WALL BELOW TO BE DEMOLISHED IN PHASE I



JDS DEVELOPMENT GROUP  
100 EAST 41ST STREET  
NEW YORK, NY 10017  
NY 494 542 3600



ARCHITECT  
SHP ARCHITECTS, P.C.  
210 BROADWAY, 11TH FLOOR  
NEW YORK, NY 10038  
NY 212 607 9000

STRUCTURAL ENGINEER  
YUSEF CANTOR SENIOR  
228 EAST 41ST STREET  
NEW YORK, NY 10017  
NY 212 697 9886

MEP ENGINEER  
JARDIS, BAUM & BOLLER  
80 WING STREET, 12TH FLOOR  
NEW YORK, NY 10003  
NY 212 693 9333

CIVIL ENGINEER  
ARAF ENGINEERING, P.C.  
40 FROB AND SOUTH 7TH FLOOR  
NEW YORK, NY 10013  
NY 646 388 9028

ACOUSTICS  
LONGMAN LINDSEY  
6 WEST 30TH STREET, 4TH FLOOR  
NEW YORK, NY 10001  
NY 917 209 1300

INTERIORS  
STUDIO SCHEFFEL  
36 LAURENCE STREET  
NEW YORK, NY 10001  
NY 212 675 1300

FAÇADE  
BURROUGHS WAPFOLD  
100 BROADWAY  
NEW YORK, NY 10005  
NY 212 234 2025

VERTICAL TRANSPORTATION  
VAN DEUSEN & ASSOCIATES  
10 BROADWAY, SUITE 2104  
LAWRENCEVILLE, NJ 07049  
NJ 908 983 8700

RESTORATION  
JAN HRO POKORNY ASSOCIATES  
20 WEST 17TH STREET, 11TH FLOOR 0A  
NEW YORK, NY 10011  
NY 212 294 6462

GEO TECH  
ARVICE  
205 WEST 45TH STREET, 4TH FLOOR  
NEW YORK, NY 10018  
NY 917 281 9300

LIGHTING  
CONSERVATION INTERNATIONAL  
105 WALKER STREET, 7TH FLOOR EAST  
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NY 212 252 4463



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NEW YORK, NY 10011  
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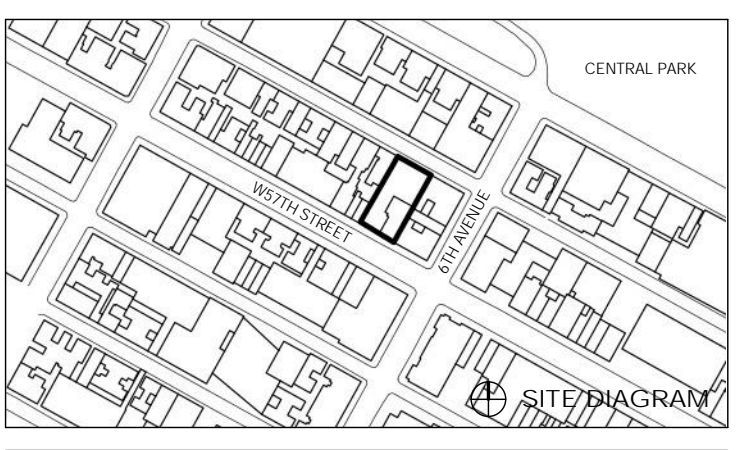
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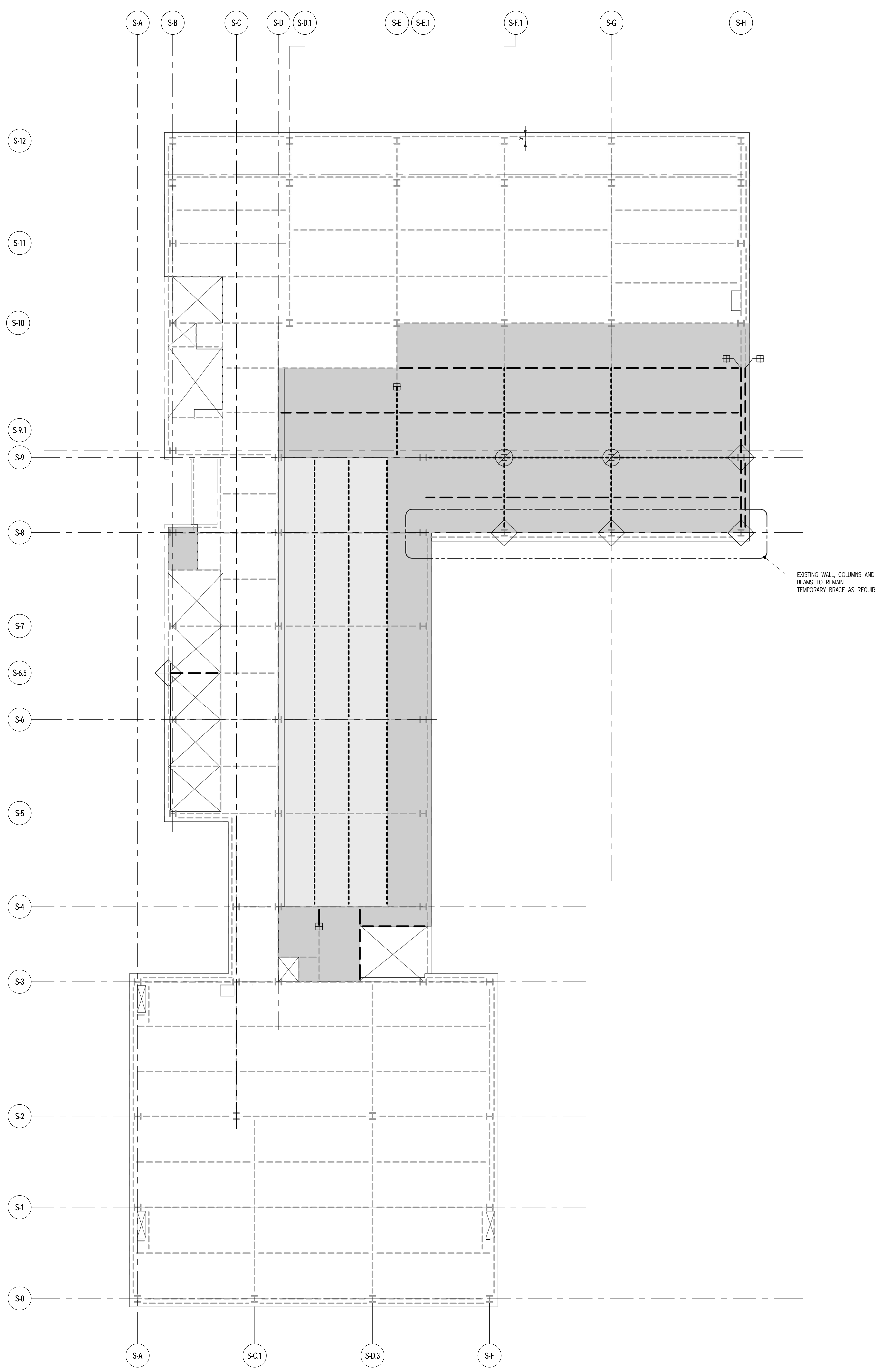
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**9TH FLOOR DEMOLITION PLAN**

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EXISTING WALL COLUMNS AND BEAMS TO REMAIN  
TEMPORARY BRACE AS REQUIRED

THE CONTRACTOR'S PE TO PROVIDE THE NECESSARY BRACING DURING DEMOLITION. SEE NOTE NUMBER 1 ON DRAWING DMS-200

- NOTES:**
- EXISTING FRAMING BASED ON AVAILABLE DOCUMENTATION. CONTRACTOR TO FIELD VERIFY SIZE, LOCATION AND CONDITION OF ALL EXISTING FRAMING SHOWN TO BE MODIFIED.
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  - INDICATES EXISTING SLAB TO BE DEMOLISHED IN PHASE II
  - ⊕ INDICATES EXISTING BEAM TO BE SHORED, CUT AND RECONNECTED TO NEW FRAMING IN PHASE II
  - ⊙ INDICATES EXISTING COLUMN BELOW TO BE DEMOLISHED IN PHASE II (LOAN)
  - ◇ INDICATES TEMPORARY BRACE COLUMN OR BEAM PRIOR TO GIRDERS REMOVAL
  - ▨ INDICATES EXISTING WALL BELOW TO BE DEMOLISHED IN PHASE I

**1** 10TH FLOOR DEMOLITION PLAN  
DMS-110 SCALE: 1/8" = 1'-0"  
NOTES:  
1. FOR GENERAL NOTES SEE DWG. DMS-200.



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100 WEST 47TH STREET, 4TH FLOOR  
NEW YORK, NY 10019  
NY 484 632 3600



ARCHITECT SHAP ARCHITECTS, P.C. 230 BROADWAY, 11TH FLOOR NEW YORK, NY 10007 NY 212 609 9000	FAÇADE BURROUGHS WAPFOLD 100 BROADWAY NEW YORK, NY 10005 NY 212 234 2025
STRUCTURAL ENGINEER TOPIC PARTNER NETWORK 228 EAST 43RD STREET NEW YORK, NY 10017 NY 212 697 9886	VERTICAL TRANSPORTATION VAN DEUSEN & ASSOCIATES 10 BROADWAY, SUITE 2104 LAWRENCEVILLE, NJ 07049 NJ 908 984 8700
MEP ENGINEER JARDIS, BAUM & BOLLER 89 WEST STREET, 12TH FLOOR NEW YORK, NY 10005 NY 212 509 9333	RESTORATION JAN HRO POKORNY ASSOCIATES 20 WEST 17TH STREET, 11TH FLOOR 10A NEW YORK, NY 10011 NY 212 294 6462
CIVIL ENGINEER ARAFI ENGINEERING, P.C. 40 FRODO AVE, SUITE 1700, 17TH FLOOR NEW YORK, NY 10019 NY 646 388 9028	GEOTECH LONGMAN LINDSEY 40 WEST 20TH STREET, 4TH FLOOR NEW YORK, NY 10011 NY 917 209 1300
ACOUSTICS LONGMAN LINDSEY 40 WEST 20TH STREET, 4TH FLOOR NEW YORK, NY 10011 NY 917 209 1300	INTERIORS STUDIO SCHEFFEL 260 LAURETTE STREET NEW YORK, NY 10001 NY 212 475 1300
	CONSERVATION INTERNATIONAL 105 WALKER STREET, 7TH FLOOR EAST NEW YORK, NY 10001 NY 212 275 4463

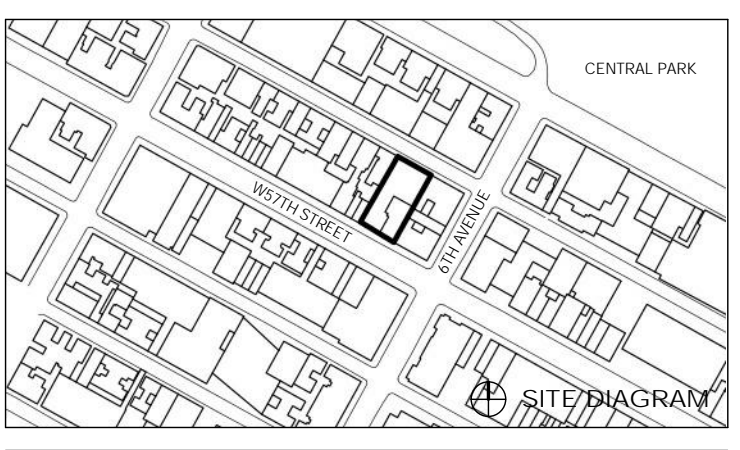


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**10TH FLOOR DEMOLITION PLAN**

SEAL & SIGNATURE

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PROJECT NO. 1310180  
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DOB NO.  
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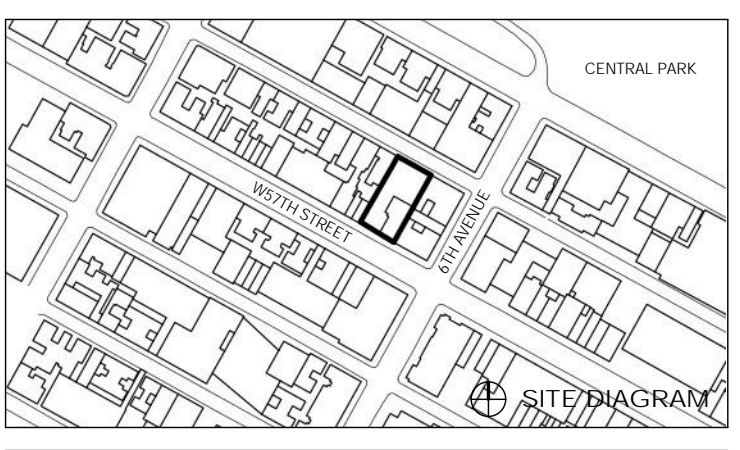
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NEW YORK, NY 10019

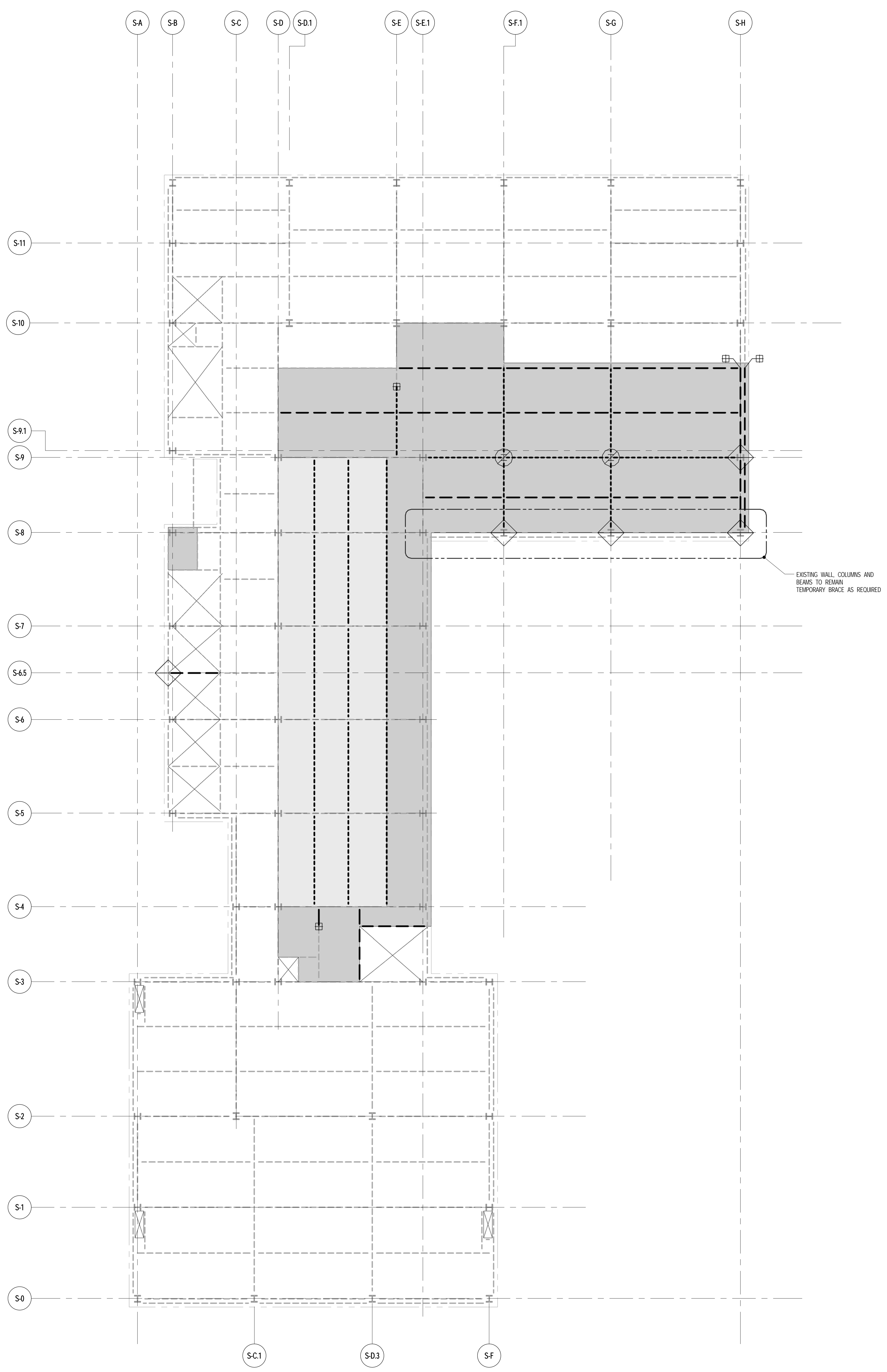


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DRAWING TITLE  
**11TH FLOOR DEMOLITION PLAN**

SEAL & SIGNATURE	DATE
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CHECKED BY	JK
DOB NO.	
DRAWING NUMBER	

DMS-111.00



THE CONTRACTOR'S PE TO PROVIDE THE NECESSARY BRACING DURING DEMOLITION. SEE NOTE NUMBER 1 ON DRAWING DMS-200

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- DEMOLITION LEGEND**
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  - - - - - INDICATES EXISTING BEAM (OR PARTIAL LENGTH OF BEAM) TO BE DEMOLISHED IN PHASE I
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  - INDICATES EXISTING SLAB TO BE DEMOLISHED IN PHASE I
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  - ⊕ INDICATES EXISTING BEAM TO BE SHORED, CUT AND RECONNECTED TO NEW FRAMING IN PHASE II
  - ⊙ INDICATES EXISTING COLUMN BELOW TO BE DEMOLISHED IN PHASE II (B.O.M.)
  - ◇ INDICATES TEMPORARY BRACE COLUMN OR BEAM PRIOR TO ORDERS REMOVAL
  - ▨ INDICATES EXISTING WALL BELOW TO BE DEMOLISHED IN PHASE I

**1** 11TH FLOOR DEMOLITION PLAN  
DMS-111 SCALE: 1/8" = 1'-0"  
NOTES  
1. FOR GENERAL NOTES SEE DWG. DMS-200.



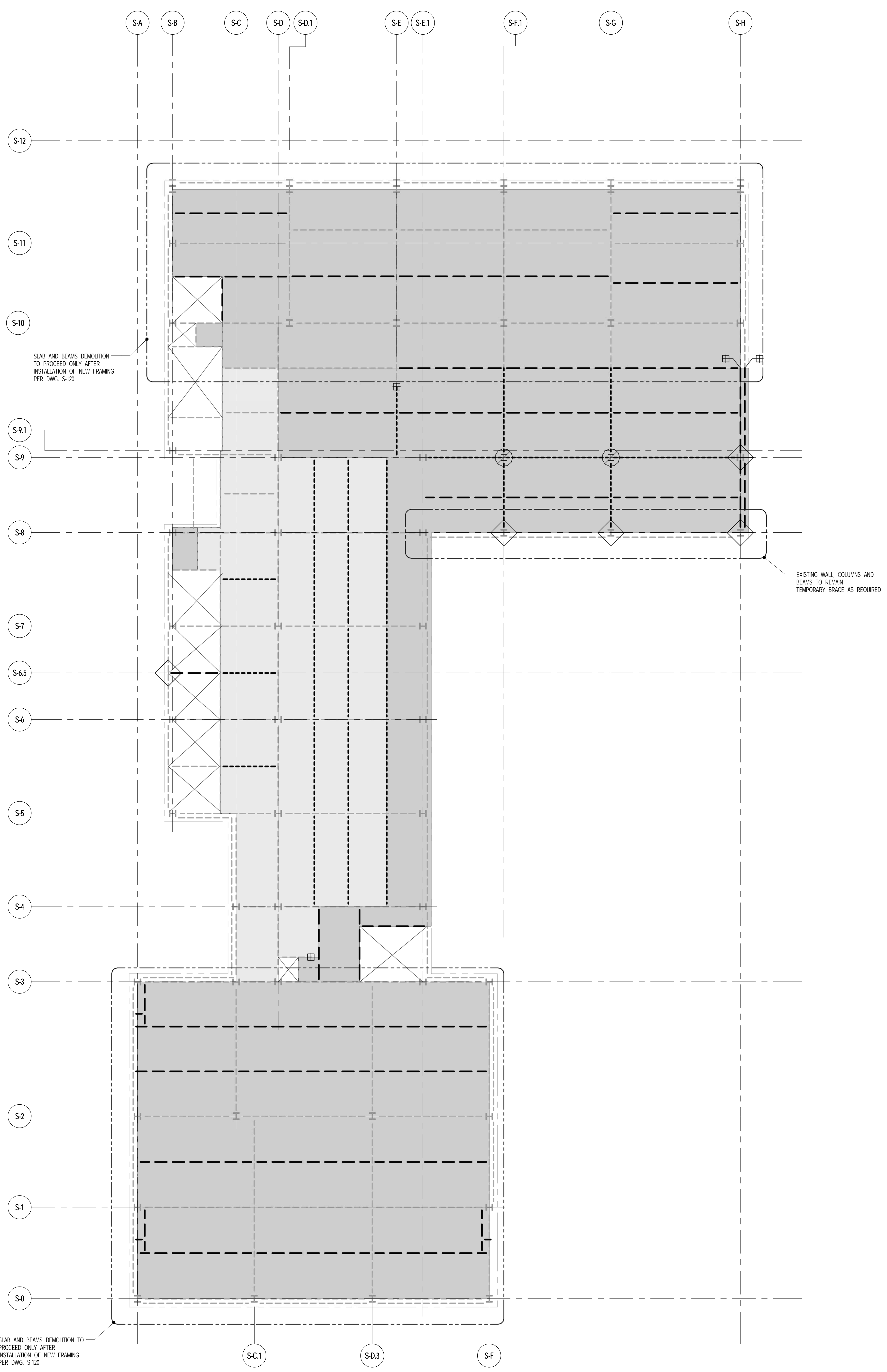
ARCHITECT	
SHAP ARCHITECTS, P.C. 210 BROADWAY, 11TH FLOOR NEW YORK, NY 10038 NY 212 607 9000	
STRUCTURAL ENGINEER	FAÇADE
TRIP CARTER SEAFOR 228 EAST 43RD STREET NEW YORK, NY 10017 NY 212 697 9886	BOURD HARRPOLD 100 BROADWAY NEW YORK, NY 10003 NY 212 224 2025
MEP ENGINEER	VERTICAL TRANSPORTATION
JAROS, BALAN & BOLLER 89 WEST STREET, 12TH FLOOR NEW YORK, NY 10005 NY 212 510 9333	VAN DEUSEN & ASSOCIATES 3 BROADWAY, SUITE 214 LAWRENCEVILLE, GA 30046 GA 404 876 4700
CIVIL ENGINEER	RESTORATION
ARAF ENGINEERING, P.C. 40 FROST AVENUE, 20TH FLOOR NEW YORK, NY 10011 NY 646 388 9028	JAN HRO POKORNY ASSOCIATES 20 WEST 17TH STREET, 11TH FLOOR, 10A NEW YORK, NY 10011 NY 212 294 6462
ACOUSTICS	GEOTECH
LONGMAN LINDSEY 4 WEST 20TH STREET, 4TH FLOOR NEW YORK, NY 10011 NY 917 209 1200	ARVICE 205 WEST 43RD STREET, 4TH FLOOR NEW YORK, NY 10018 NY 917 228 4300
INTERIORS	LIGHTING
STUDIO SCHEFFEL 260 LAURETTTE STREET NEW YORK, NY 10001 NY 212 475 1300	CONSERVATORIE INTERNATIONAL 105 WALKER STREET, 7TH FLOOR EAST NEW YORK, NY 10002 NY 212 275 4463



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SLAB AND BEAMS DEMOLITION TO PROCEED ONLY AFTER INSTALLATION OF NEW FRAMING PER DWG. S-120

EXISTING WALL COLUMNS AND BEAMS TO REMAIN TEMPORARY BRACE AS REQUIRED

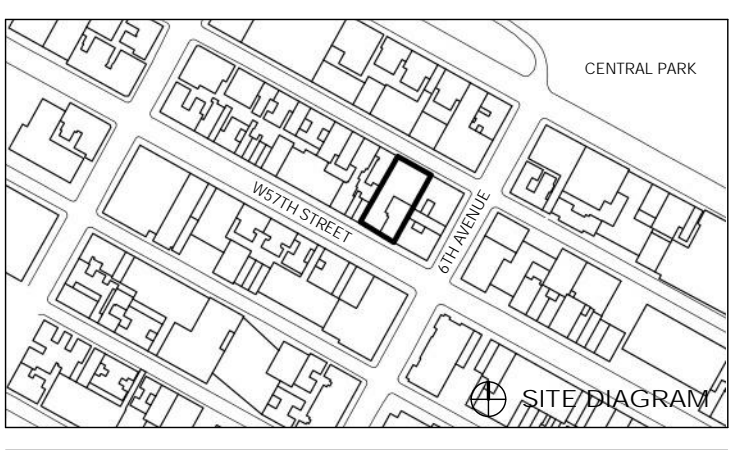
**1** 12TH FLOOR DEMOLITION PLAN  
DMS-112 SCALE: 1/8" = 1'-0"

NOTES  
1. FOR GENERAL NOTES SEE DWG. DMS-200

THE CONTRACTOR'S PE TO PROVIDE THE NECESSARY BRACING DURING DEMOLITION. SEE NOTE NUMBER 1 ON DRAWING DMS-200

- NOTES**
- EXISTING FRAMING BASED ON AVAILABLE DOCUMENTATION. CONTRACTOR TO FIELD VERIFY SIZE, LOCATION AND CONDITION OF ALL EXISTING FRAMING SHOWN TO BE MODIFIED.
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- DEMOLITION LEGEND**
- INDICATES EXISTING BEAM TO REMAIN
  - - - - - INDICATES EXISTING BEAM (OR PARTIAL LENGTH OF BEAM) TO BE DEMOLISHED IN PHASE I
  - - - - - INDICATES EXISTING BEAM TO BE DEMOLISHED IN PHASE II
  - INDICATES EXISTING SLAB TO BE DEMOLISHED IN PHASE I
  - INDICATES EXISTING SLAB TO BE DEMOLISHED IN PHASE II
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  - ▨ INDICATES EXISTING WALL BELOW TO BE DEMOLISHED IN PHASE I

111 WEST 57TH STREET  
111 WEST 57TH STREET  
NEW YORK, NY 10019



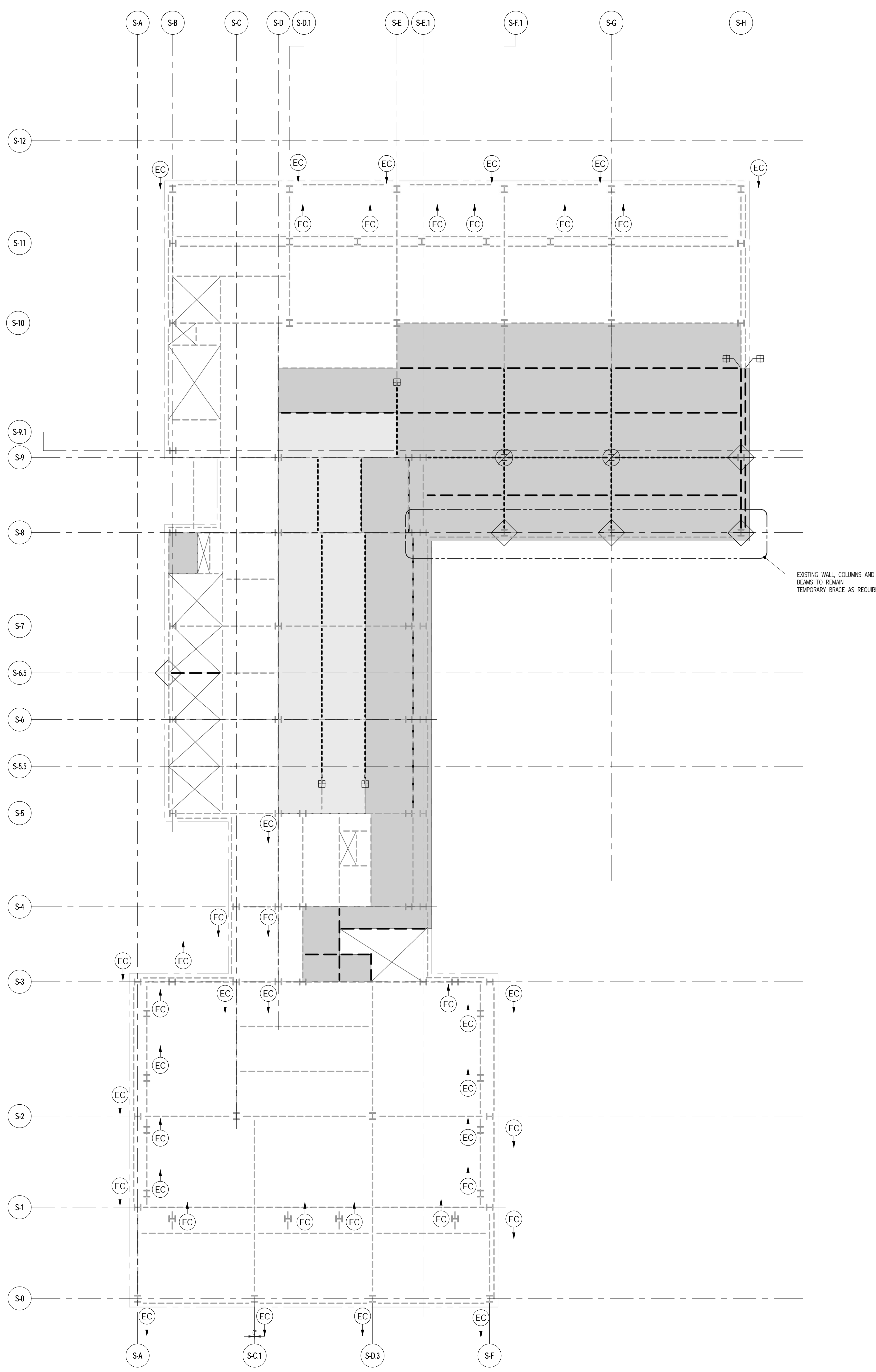
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02/12/2014	SPRINT ORDER FOR PURCHASING			

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**12TH FLOOR DEMOLITION PLAN**

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DRAWING NUMBER

DMS-112.00





EXISTING WALL COLUMNS AND BEAMS TO REMAIN  
TEMPORARY BRACE AS REQUIRED

THE CONTRACTOR'S PE TO PROVIDE THE NECESSARY BRACING DURING DEMOLITION. SEE NOTE NUMBER 1 ON DRAWING DMS-200

- NOTES**
- EXISTING FRAMING BASED ON AVAILABLE DOCUMENTATION. CONTRACTOR TO FIELD VERIFY SIZE, LOCATION AND CONDITION OF ALL EXISTING FRAMING SHOWN TO BE MODIFIED.
  - PHASE I INDICATES DEMOLITION PRIOR TO TOWER CONSTRUCTION.
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  - - - - - INDICATES EXISTING BEAM (OR PARTIAL LENGTH OF BEAM) TO BE DEMOLISHED IN PHASE I
  - - - - - INDICATES EXISTING BEAM TO BE DEMOLISHED IN PHASE II
  - INDICATES EXISTING SLAB TO BE DEMOLISHED IN PHASE I
  - INDICATES EXISTING SLAB TO BE DEMOLISHED IN PHASE II
  - ⊕ INDICATES EXISTING BEAM TO BE SHORED, CUT AND RECONNECTED TO NEW FRAMING IN PHASE II
  - ⊙ INDICATES EXISTING COLUMN BELOW TO BE DEMOLISHED IN PHASE II (Q/O)
  - ◇ INDICATES TEMPORARY BRACE COLUMN OR BEAM PRIOR TO ORDERS REMOVAL
  - ▨ INDICATES EXISTING WALL BELOW TO BE DEMOLISHED IN PHASE I

**1** 13TH FLOOR DEMOLITION PLAN  
DMS-113 SCALE: 1/8" = 1'-0"

**NOTES**  
1. FOR GENERAL NOTES SEE DWG. DMS-200.



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100 WEST 47TH STREET, 4TH FLOOR  
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NY 484 542 3600



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SHAP ARCHITECTS, P.C.  
210 BROADWAY, 11TH FLOOR  
NEW YORK, NY 10038  
NY 212 609 9300

STRUCTURAL ENGINEER  
YUSUF CAHFOR SEIFERUD  
228 EAST 43RD STREET  
NEW YORK, NY 10017  
NY 212 697 9886

MEP ENGINEER  
JARDIS, BAUM & BULLLES  
80 WEST STREET, 20TH FLOOR  
NEW YORK, NY 10005  
NY 212 509 9333

CIVIL ENGINEER  
ARAF ENGINEERING, P.C.  
40 FIFTH AVE, 20TH FLOOR, 17TH FLOOR  
NEW YORK, NY 10003  
NY 212 260 9028

ACOUSTICS  
LONGMAN LINDSEY  
4 WEST 30TH STREET, 4TH FLOOR  
NEW YORK, NY 10001  
NY 917 209 1200

INTERIORS  
STUDIO SCHEFFEL  
260 LAURETTA STREET  
NEW YORK, NY 10001  
NY 212 475 1200

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BURRO HARRFIELD  
100 BROADWAY  
NEW YORK, NY 10005  
NY 212 234 2025

VERTICAL TRANSPORTATION  
VAN DEUSEN & ASSOCIATES  
10 BROADWAY, SUITE 214  
LAWRENCEVILLE, NJ 07049  
NJ 908 984 8700

RESTORATION  
JAN HRO POKORNY ASSOCIATES  
20 WEST 17TH STREET, 11TH FLOOR, 10A  
NEW YORK, NY 10011  
NY 212 294 6462

GEO TECH  
ARVICE  
205 WEST 45TH STREET, 4TH FLOOR  
NEW YORK, NY 10018  
NY 917 281 9300

LIGHTING  
CONSERVATION INTERNATIONAL  
105 WALKER STREET, 7TH FLOOR EAST  
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NEW YORK, NY 10019



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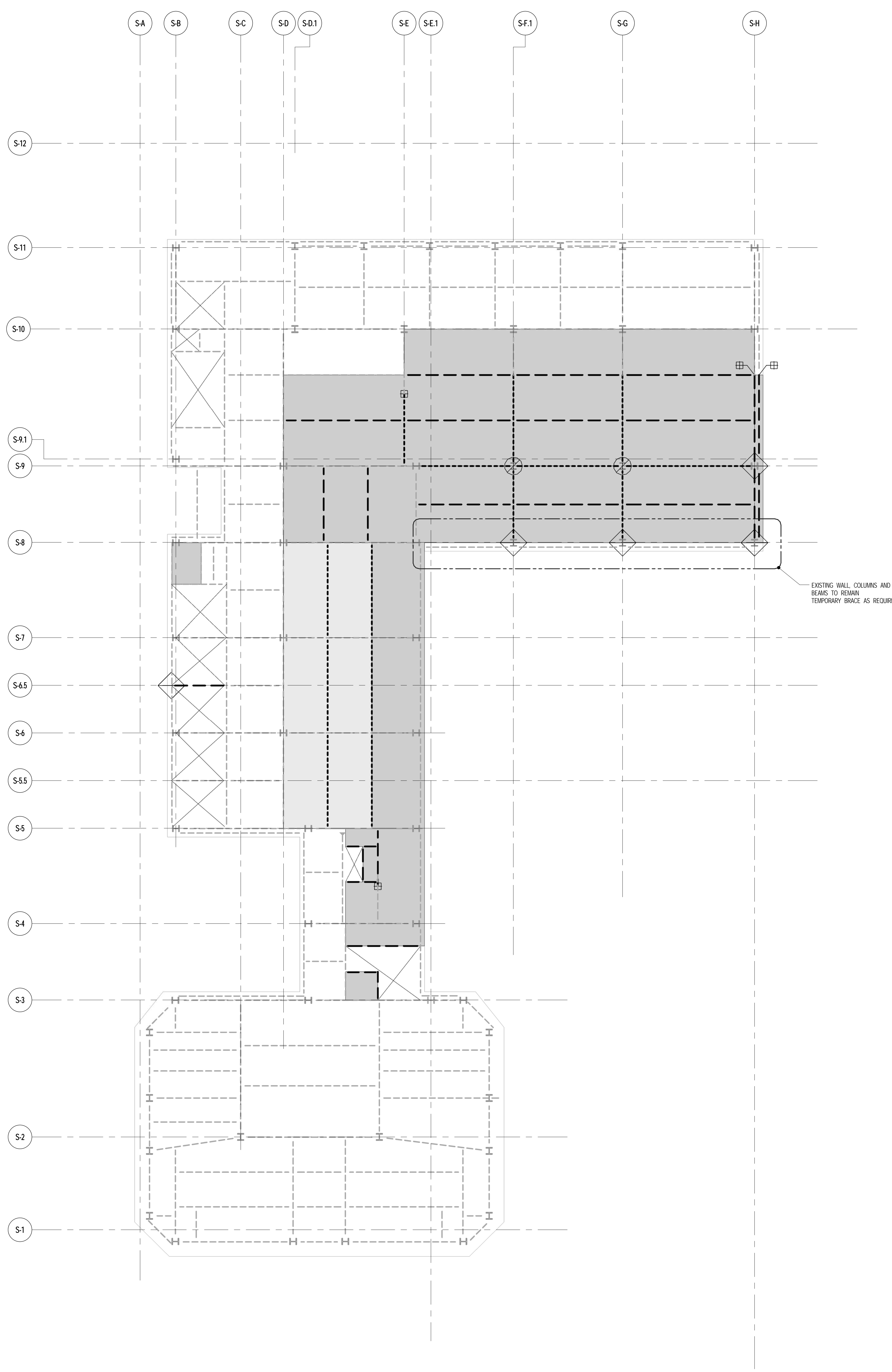
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**13TH FLOOR DEMOLITION PLAN**

SEAL & SIGNATURE  
DATE  
PROJECT NO. 1310180  
DRAWN BY CADD  
CHECKED BY RK  
DOB NO.  
DRAWING NUMBER  
DMS-113.00



DATE  
PROJECT NO. 1310180  
DRAWN BY CADD  
CHECKED BY RK  
DOB NO.  
DRAWING NUMBER  
DMS-113.00





THE CONTRACTOR'S PE TO PROVIDE THE NECESSARY BRACING DURING DEMOLITION. SEE NOTE NUMBER 1 ON DRAWING DMS-200

- NOTES**
- EXISTING FRAMING BASED ON AVAILABLE DOCUMENTATION. CONTRACTOR TO FIELD VERIFY SIZE, LOCATION AND CONDITION OF ALL EXISTING FRAMING SHOWN, TO BE MODIFIED.
  - PHASE I INDICATES DEMOLITION PRIOR TO TOWER CONSTRUCTION.
  - PHASE II INDICATES DEMOLITION AFTER TOWER WALL CONSTRUCTION.
  - PERIMETER WALLS TO BE DEMOLISHED SHALL BE REMOVED PRIOR TO DEMOLITION OF ADJACENT SLAB AND BEAMS.
- DEMOLITION LEGEND**
- INDICATES EXISTING BEAM TO REMAIN
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  - - - - - INDICATES EXISTING BEAM TO BE DEMOLISHED IN PHASE II
  - INDICATES EXISTING SLAB TO BE DEMOLISHED IN PHASE I
  - INDICATES EXISTING SLAB TO BE DEMOLISHED IN PHASE II
  - ⊕ INDICATES EXISTING BEAM TO BE SHORED, CUT AND RECONNECTED TO NEW FRAMING IN PHASE I
  - ⊙ INDICATES EXISTING COLUMN BELOW TO BE DEMOLISHED IN PHASE II (I/O/A)
  - ◇ INDICATES TEMPORARY BRACE COLUMN OR BEAM PRIOR TO GIRDERS REMOVAL
  - ▨ INDICATES EXISTING WALL BELOW TO BE DEMOLISHED IN PHASE I

**1** 14TH FLOOR DEMOLITION PLAN  
DMS-114 SCALE: 1/8" = 1'-0"

**NOTES**  
1. FOR GENERAL NOTES SEE DWG. DMS-200.



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NEW YORK, NY 10011  
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SHIP ARCHITECTS, P.C.  
233 BROADWAY, 11TH FLOOR  
NEW YORK, NY 10038  
NY 212 609 9000

STRUCTURAL ENGINEER  
YUSUF CAHFOR SEIFERUD  
228 EAST 43RD STREET  
NEW YORK, NY 10017  
NY 212 687 9886

MEP ENGINEER  
JARDIS, BAUM & BULLLES  
89 WEST STREET, 20TH FLOOR  
NEW YORK, NY 10005  
NY 212 510 9333

CIVIL ENGINEER  
ARAF ENGINEERING, P.C.  
40 FIFTH AVE, 20TH FLOOR, 7TH FLOOR  
NEW YORK, NY 10003  
NY 646 388 9028

ACOUSTICS  
LONGMAN LINDSEY  
6 WEST 20TH STREET, 4TH FLOOR  
NEW YORK, NY 10011  
NY 917 209 1300

INTERIORS  
STUDIO SCHEFFEL  
30 WALKER STREET  
NEW YORK, NY 10002  
NY 212 675 1300

FAÇADE  
BURROUGHS WAPFOLD  
100 BROADWAY  
NEW YORK, NY 10005  
NY 212 234 2025

VERTICAL TRANSPORTATION  
VAN DEUSEN & ASSOCIATES  
13 BROADWAY, SUITE 2014  
LARKSPUR, ALICORN  
NY 917 984 8700

RESTORATION  
JAN HRO POKORNY ASSOCIATES  
30 WEST 17TH STREET, 11TH FLOOR, 10A  
NEW YORK, NY 10011  
NY 212 294 6462

GEOTECH  
ARVICE  
205 WEST 43RD STREET, 4TH FLOOR  
NEW YORK, NY 10018  
NY 917 281 9300

LIGHTING  
CONSERVATION INTERNATIONAL  
105 WALKER STREET, 7TH FLOOR EAST  
NEW YORK, NY 10002  
NY 212 252 4463



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1 EAST 17TH STREET, 2ND FLOOR  
NEW YORK, NY 10003  
NY 212 693 0000

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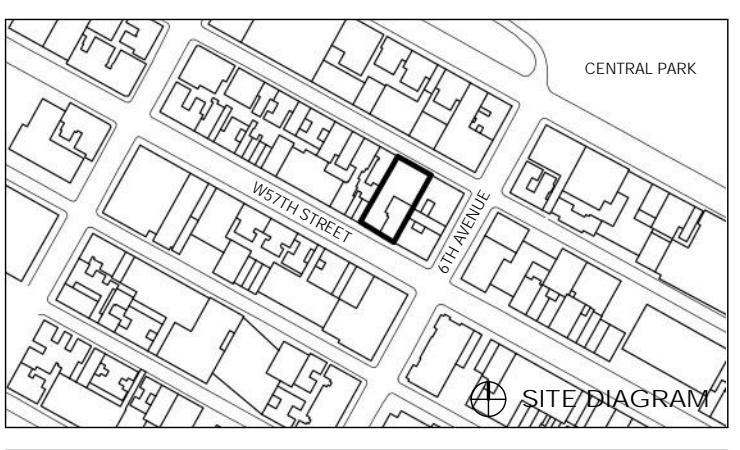
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111 WEST 57TH STREET  
NEW YORK, NY 10019



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04.20.2014 DO ISSUE  
02.02.2014 SPREAD ISSUED FOR PURCHASING

DATE	ISSUE	NO.	DATE	REVISION

DRAWING TITLE  
**14TH FLOOR DEMOLITION PLAN**

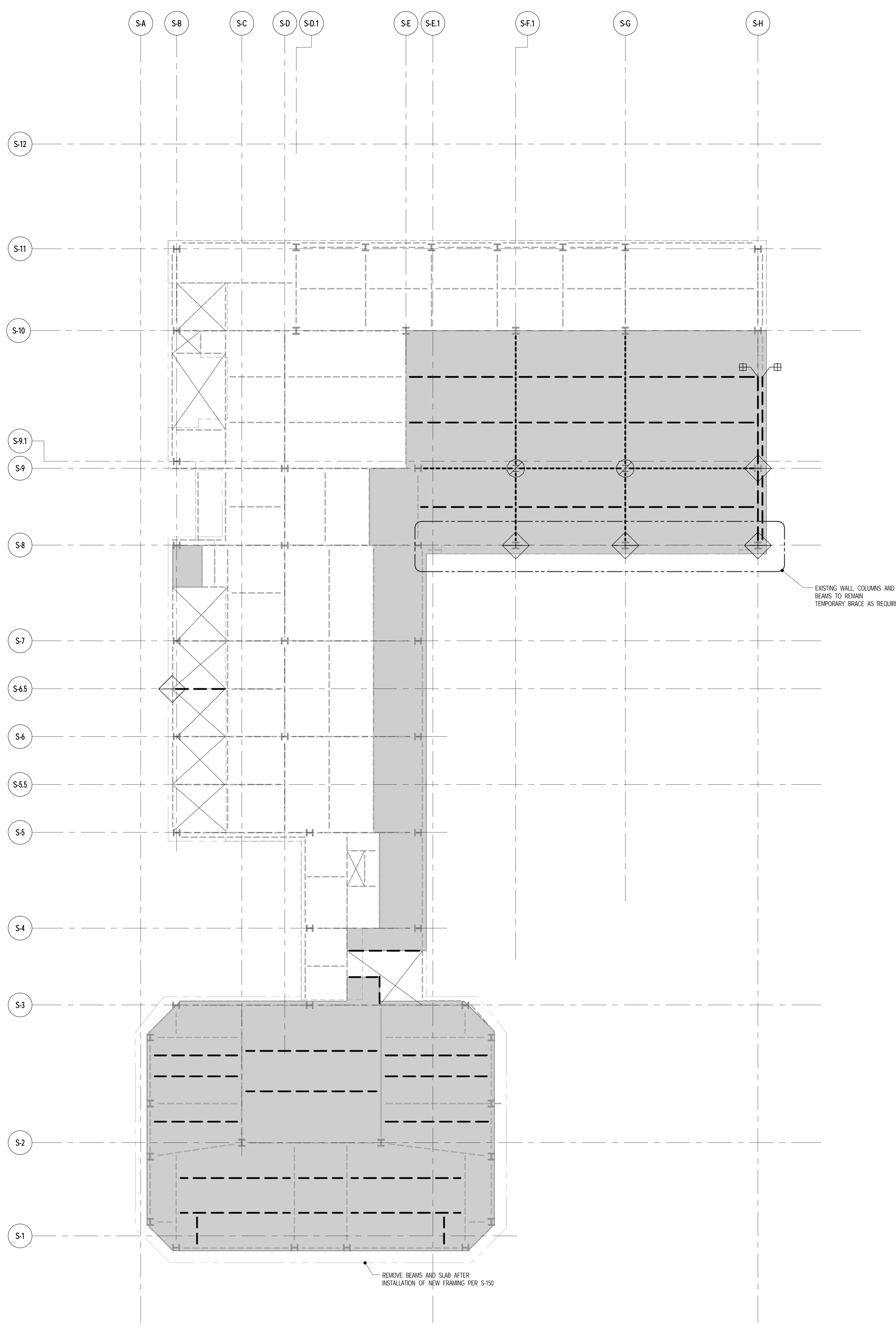
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PROJECT NO. 1310180  
DRAWN BY  
CHECKED BY  
DOB NO.  
DRAWING NUMBER

DATE  
PROJECT NO. 1310180  
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DOB NO.  
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Buildings  
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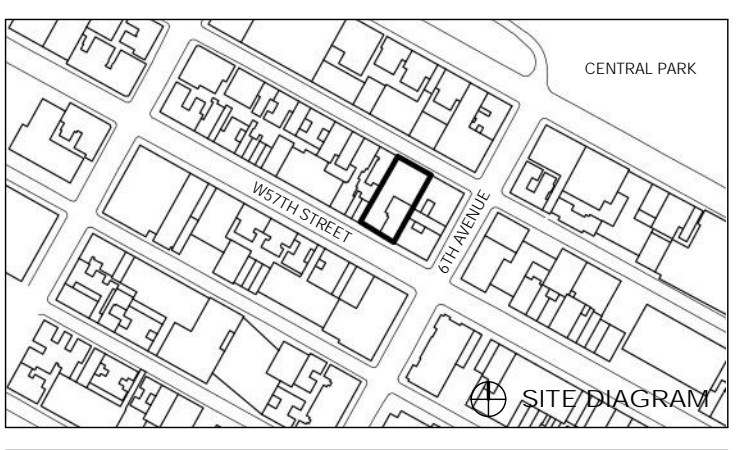


THE CONTRACTOR'S PE TO PROVIDE THE NECESSARY BRACING DURING DEMOLITION. SEE NOTE NUMBER 1 ON DRAWING DMS-200

- NOTES
1. EXISTING FRAMING BASED ON AVAILABLE DOCUMENTATION. CONTRACTOR TO FIELD VERIFY SIZE, LOCATION AND CONDITION OF ALL EXISTING FRAMING SHOWN TO BE MODIFIED.
2. PHASE I INDICATES DEMOLITION PRIOR TO TOWER CONSTRUCTION. PHASE II INDICATES DEMOLITION AFTER TOWER WALL CONSTRUCTION.
3. PERIMETER WALLS TO BE DEMOLISHED SHALL BE REMOVED PRIOR TO DEMOLITION OF ADJACENT SLAB AND BEAMS.
- DEMOLITION LEGEND
- - - - - INDICATES EXISTING BEAM TO REMAIN
- - - - - INDICATES EXISTING BEAM (OR PARTIAL LENGTH OF BEAM) TO BE DEMOLISHED IN PHASE I
- - - - - INDICATES EXISTING BEAM TO BE DEMOLISHED IN PHASE II
[SHADING] INDICATES EXISTING SLAB TO BE DEMOLISHED IN PHASE I
[SHADING] INDICATES EXISTING SLAB TO BE DEMOLISHED IN PHASE II
[SYMBOL] INDICATES EXISTING BEAM TO BE SHORED, CUT AND RECONNECTED TO NEW FRAMING IN PHASE II
[SYMBOL] INDICATES EXISTING COLUMN BELOW TO BE DEMOLISHED IN PHASE II (QUON)
[SYMBOL] INDICATES TEMPORARY BRACE COLUMN OR BEAM PRIOR TO GREENS REMOVAL
[SYMBOL] INDICATES EXISTING WALL BELOW TO BE DEMOLISHED IN PHASE I

1 15TH FLOOR DEMOLITION PLAN
SCALE: 1/8" = 1'-0"
NOTES
1. FOR GENERAL NOTES SEE DWG. DMS-200.

111 WEST 57TH STREET
111 WEST 57TH STREET
NEW YORK, NY 10019

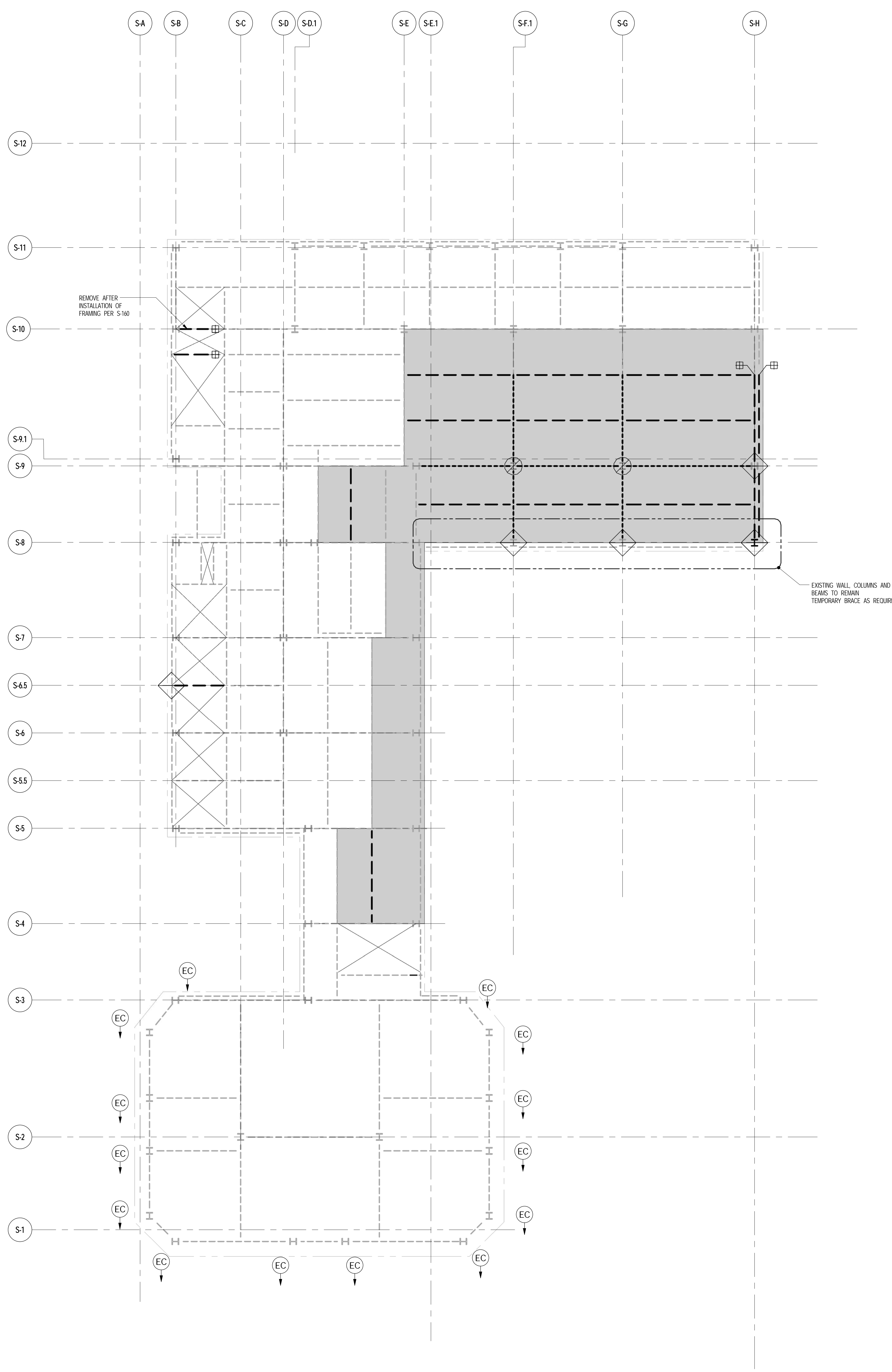


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SEAL & SIGNATURE: [Signature]
DATE: 1310180
PROJECT NO.: 1310180
DRAWN BY: CAD/D
CHECKED BY: RK
DOB NO.:
DRAWING NUMBER: DMS-115.00





THE CONTRACTOR'S PE TO PROVIDE THE NECESSARY BRACING DURING DEMOLITION. SEE NOTE NUMBER 1 ON DRAWING DMS-200

**1** 16TH FLOOR (MAIN ROOF) DEMOLITION PLAN  
DMS-116 SCALE: 1/8" = 1'-0"

NOTES  
1. FOR GENERAL NOTES SEE DWG. DMS-200.

- NOTES**
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JDS DEVELOPMENT GROUP  
164 FIFTH AVENUE, 4TH FLOOR  
NEW YORK, NY 10011  
NY 484 632 3600



ARCHITECT  
SHAP ARCHITECTS, P.C.  
210 BROADWAY, 11TH FLOOR  
NEW YORK, NY 10038  
NY 212 609 9000

STRUCTURAL ENGINEER  
YUSUF CAHFOR SEIFERUD  
228 EAST 43RD STREET  
NEW YORK, NY 10017  
NY 212 697 9886

MEP ENGINEER  
JARDIS, BAUM & BOLLER  
89 WEST STREET, 20TH FLOOR  
NEW YORK, NY 10005  
NY 212 510 9333

CIVIL ENGINEER  
ARAF ENGINEERING, P.C.  
40 FRODO AVE, 50TH FLOOR, 7TH FLOOR  
NEW YORK, NY 10019  
NY 646 388 9028

ACOUSTICS  
LONGMAN LINDSEY  
4 WEST 20TH STREET, 4TH FLOOR  
NEW YORK, NY 10011  
NY 917 209 1300

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STUDIO SCHEFFEL  
30 LAURENCE STREET  
NEW YORK, NY 10001  
NY 212 675 1300

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BURROUGHS WAPFOLD  
100 BROADWAY  
NEW YORK, NY 10005  
NY 212 234 2025

VERTICAL TRANSPORTATION  
VAN DEUSEN & ASSOCIATES  
10 BROADWAY, 20TH FLOOR  
LAWRENCE, ALISTAIR  
NY 212 693 8700

RESTORATION  
JAN HRO POKORNY ASSOCIATES  
40 WEST 17TH STREET, 11TH FLOOR, 10A  
NEW YORK, NY 10011  
NY 212 294 6662

GEO TECH  
ARVICE  
205 WEST 45TH STREET, 4TH FLOOR  
NEW YORK, NY 10018  
NY 917 281 9300

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CONSERVATION INTERNATIONAL  
105 WALKER STREET, 7TH FLOOR EAST  
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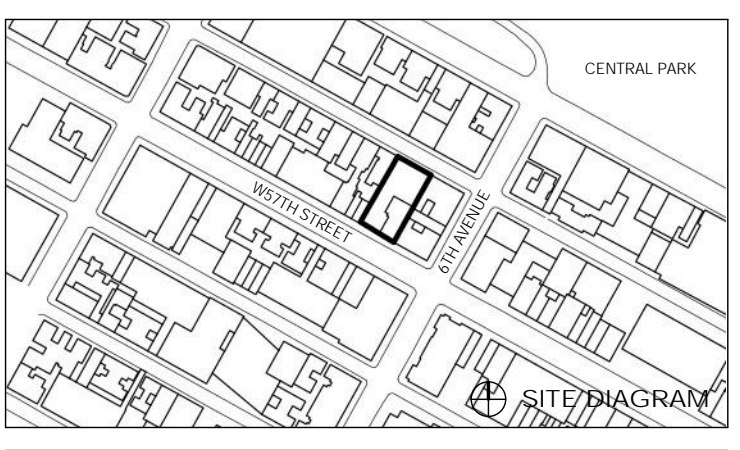
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16TH FLOOR (MAIN ROOF) DEMOLITION PLAN

SEAL & SIGNATURE DATE PROJECT NO. 1310180  
DRAWN BY CADD  
CHECKED BY RK  
DOER NO.  
DRAWING NUMBER



DMS-116.00



ARCHITECT	
SHP ARCHITECTS, P.C. 233 BROADWAY, 11TH FLOOR NEW YORK, NY 10038 NY 212 609 9300	
STRUCTURAL ENGINEER	FAÇADE
TRIP CARTER SENIOR 228 EAST 43RD STREET NEW YORK, NY 10017 NY 212 687 9886	BURRO HARRFIELD 100 BROADWAY NEW YORK, NY 10002 NY 212 234 2025
MEP ENGINEER	VERTICAL TRANSPORTATION
JARVIS, BAUM & BULLER 89 WEST STREET, 12TH FLOOR NEW YORK, NY 10005 NY 212 509 9333	VAN DEUSEN & ASSOCIATES 13 BROADWAY, SUITE 2014 LAWRENCE, ALABAMA NY 202 948 4700
CIVIL ENGINEER	RESTORATION
ARAF ENGINEERING, P.C. 40 FIFTH AVE, 20TH FLOOR, 7TH FLOOR NEW YORK, NY 10003 NY 212 268 9028	JAN HRO POKORNY ASSOCIATES 40 WEST 17TH STREET, 11TH FLOOR, 10A NEW YORK, NY 10011 NY 212 294 6462
ACOUSTICS	GEOTECH
LONGMAN LINDSEY 4 WEST 20TH STREET, 4TH FLOOR NEW YORK, NY 10011 NY 917 209 1300	ARCE 205 WEST 45TH STREET, 4TH FLOOR NEW YORK, NY 10018 NY 917 281 9300
INTERIORS	LIGHTING
STUDIO SCHEFFEL 301 MARKET STREET NEW YORK, NY 10001 NY 212 475 1300	CONSERVATION INTERNATIONAL 105 WALKER STREET, 7TH FLOOR EAST NEW YORK, NY 10002 NY 212 252 4463

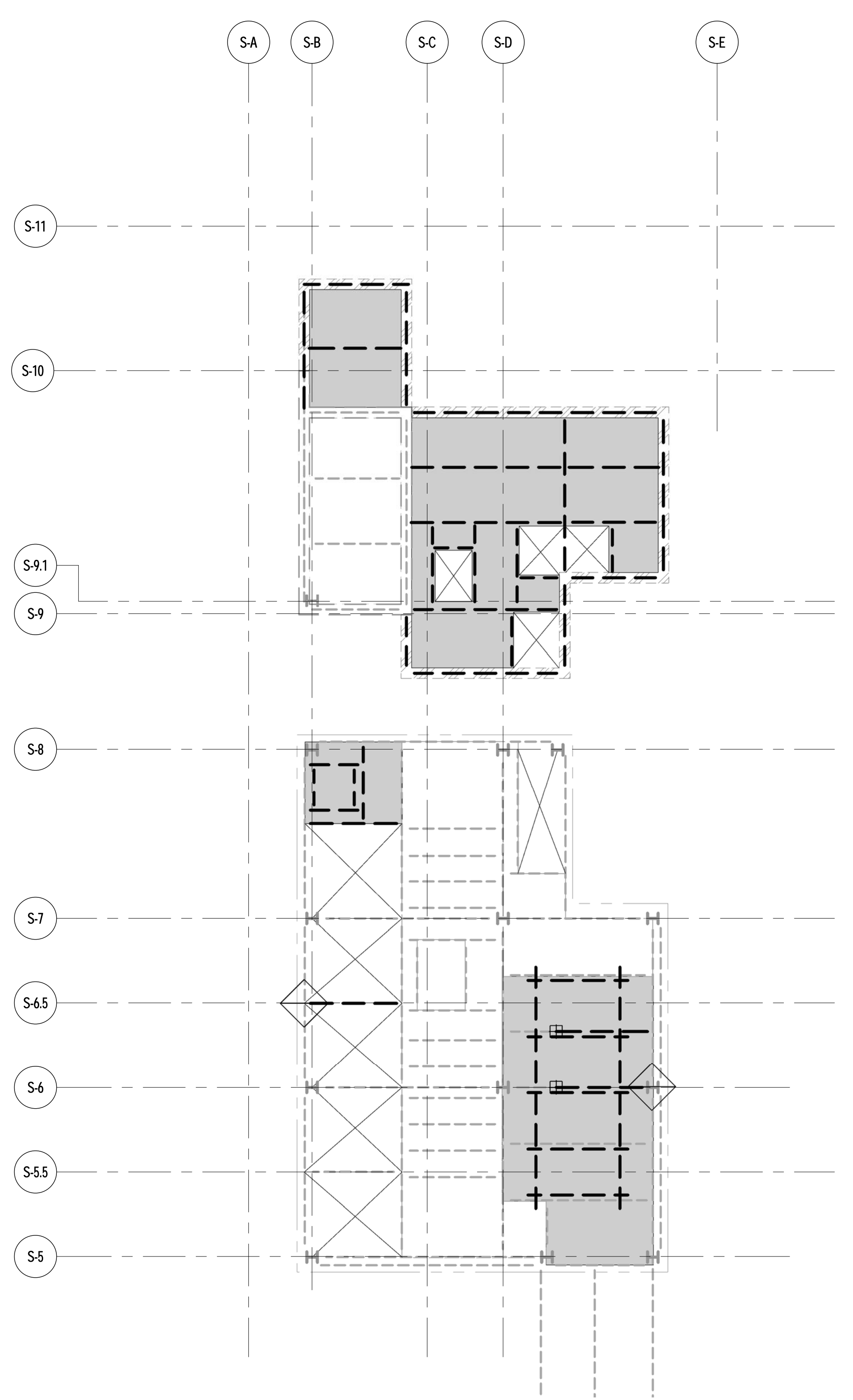


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NEW YORK, NY 10003  
NY 212 693 0000

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**1** 17TH FLOOR (BULKHEAD) DEMOLITION PLAN  
DMS-117 SCALE: 1/8" = 1'-0"

NOTES:  
1. FOR GENERAL NOTES SEE DWG. DMS-200.

THE CONTRACTOR'S PE TO PROVIDE THE NECESSARY BRACING DURING DEMOLITION. SEE NOTE NUMBER 1 ON DRAWING DMS-200

- NOTES**
- EXISTING FRAMING BASED ON AVAILABLE DOCUMENTATION. CONTRACTOR TO FIELD VERIFY SIZE, LOCATION AND CONDITION OF ALL EXISTING FRAMING SHOWN, TO BE MODIFIED.
  - PHASE I INDICATES DEMOLITION PRIOR TO TOWER CONSTRUCTION  
PHASE II INDICATES DEMOLITION AFTER TOWER WALL CONSTRUCTION
- DEMOLITION LEGEND**
- INDICATES EXISTING BEAM TO REMAIN
  - - - - - INDICATES EXISTING BEAM (OR PARTIAL LENGTH OF BEAM) TO BE DEMOLISHED IN PHASE I
  - ..... INDICATES EXISTING BEAM TO BE DEMOLISHED IN PHASE II
  - █ INDICATES EXISTING SLAB TO BE DEMOLISHED IN PHASE I
  - █ INDICATES EXISTING SLAB TO BE DEMOLISHED IN PHASE II
  - ▣ INDICATES EXISTING BEAM TO BE SHORED, CUT AND RECONNECTED TO NEW FRAMING IN PHASE II
  - ◊ INDICATES EXISTING COLUMN BELOW TO BE DEMOLISHED IN PHASE II (U/LN)
  - ◇ INDICATES TEMPORARY BRACE COLUMN OR BEAM PRIOR TO ORDERS REMOVAL
  - ▨ INDICATES EXISTING WALL BELOW TO BE DEMOLISHED IN PHASE I

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**17TH FLOOR (BULKHEAD) DEMOLITION PLAN**

SEAL & SIGNATURE

DATE

PROJECT NO. 1310180

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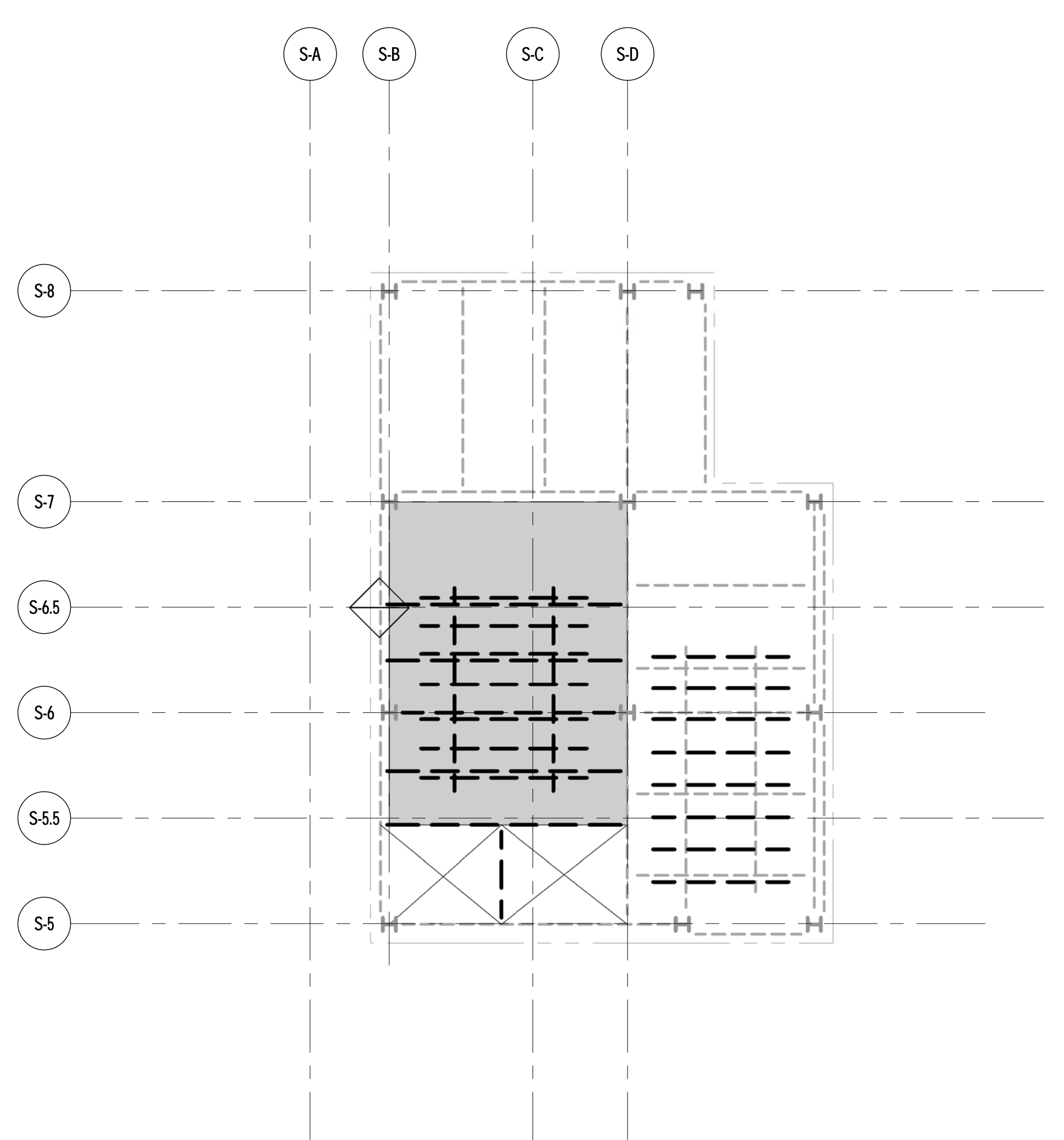
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DRAWING NUMBER

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THE CONTRACTOR'S PE TO PROVIDE THE NECESSARY BRACING DURING DEMOLITION. SEE NOTE NUMBER 1 ON DRAWING DMS-200

**NOTES**

- EXISTING FRAMING BASED ON AVAILABLE DOCUMENTATION. CONTRACTOR TO FIELD VERIFY SIZE, LOCATION AND CONDITION OF ALL EXISTING FRAMING SHOWN, TO BE MODIFIED.
- PHASE I INDICATES DEMOLITION PRIOR TO TOWER CONSTRUCTION.  
 PHASE II INDICATES DEMOLITION AFTER TOWER WALL CONSTRUCTION.

**DEMOLITION LEGEND**

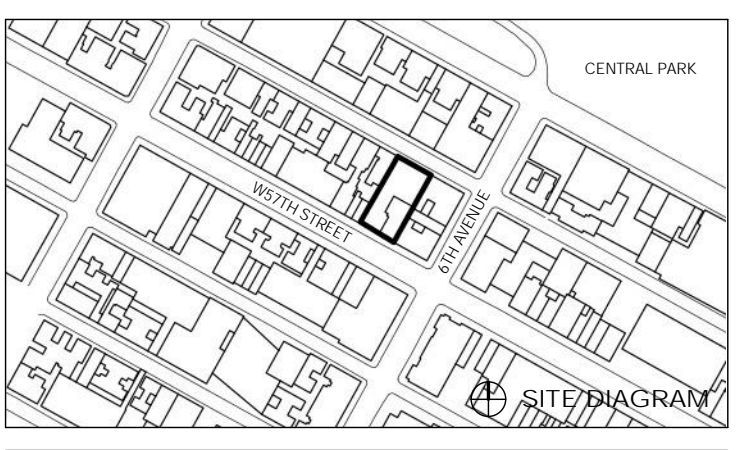
- INDICATES EXISTING BEAM TO REMAIN
- - - - - INDICATES EXISTING BEAM (OR PARTIAL LENGTH OF BEAM) TO BE DEMOLISHED IN PHASE I
- ..... INDICATES EXISTING BEAM TO BE DEMOLISHED IN PHASE II
- INDICATES EXISTING SLAB TO BE DEMOLISHED IN PHASE I
- INDICATES EXISTING SLAB TO BE DEMOLISHED IN PHASE II
- INDICATES EXISTING BEAM TO BE SHORED, CUT AND RECONNECTED TO NEW FRAMING IN PHASE II
- INDICATES EXISTING COLUMN BELOW TO BE DEMOLISHED IN PHASE II (U.O.N)
- ◇ INDICATES TEMPORARY BRACE COLUMN OR BEAM PRIOR TO ORDERS REMOVAL

**1** 18TH FLOOR (EMR) DEMOLITION PLAN  
 DMS-118 SCALE: 1/8" = 1'-0"

NOTES  
 1. FOR GENERAL NOTES SEE DWG. DMS-200.

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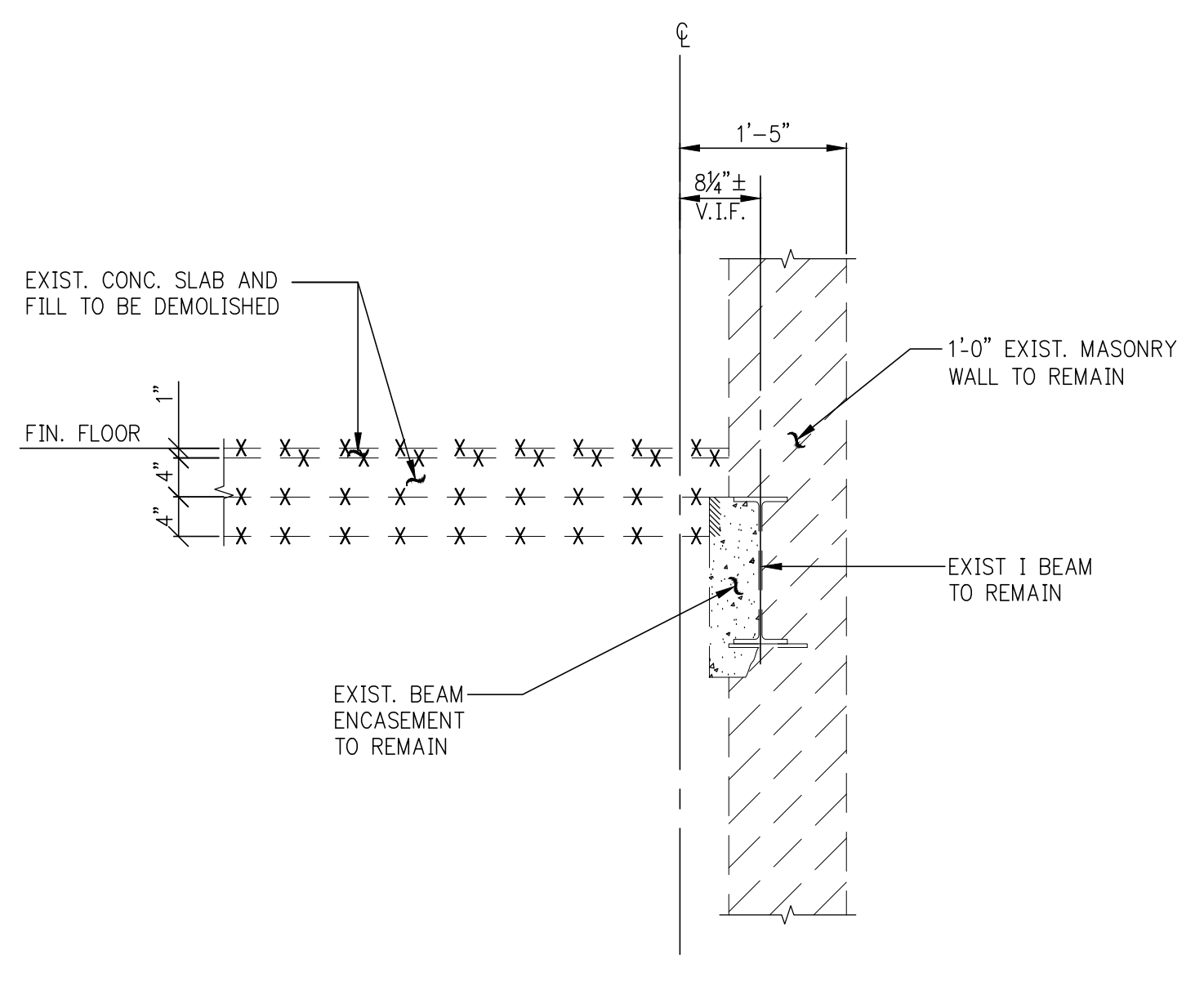
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**18TH FLOOR (EMR) DEMOLITION PLAN**

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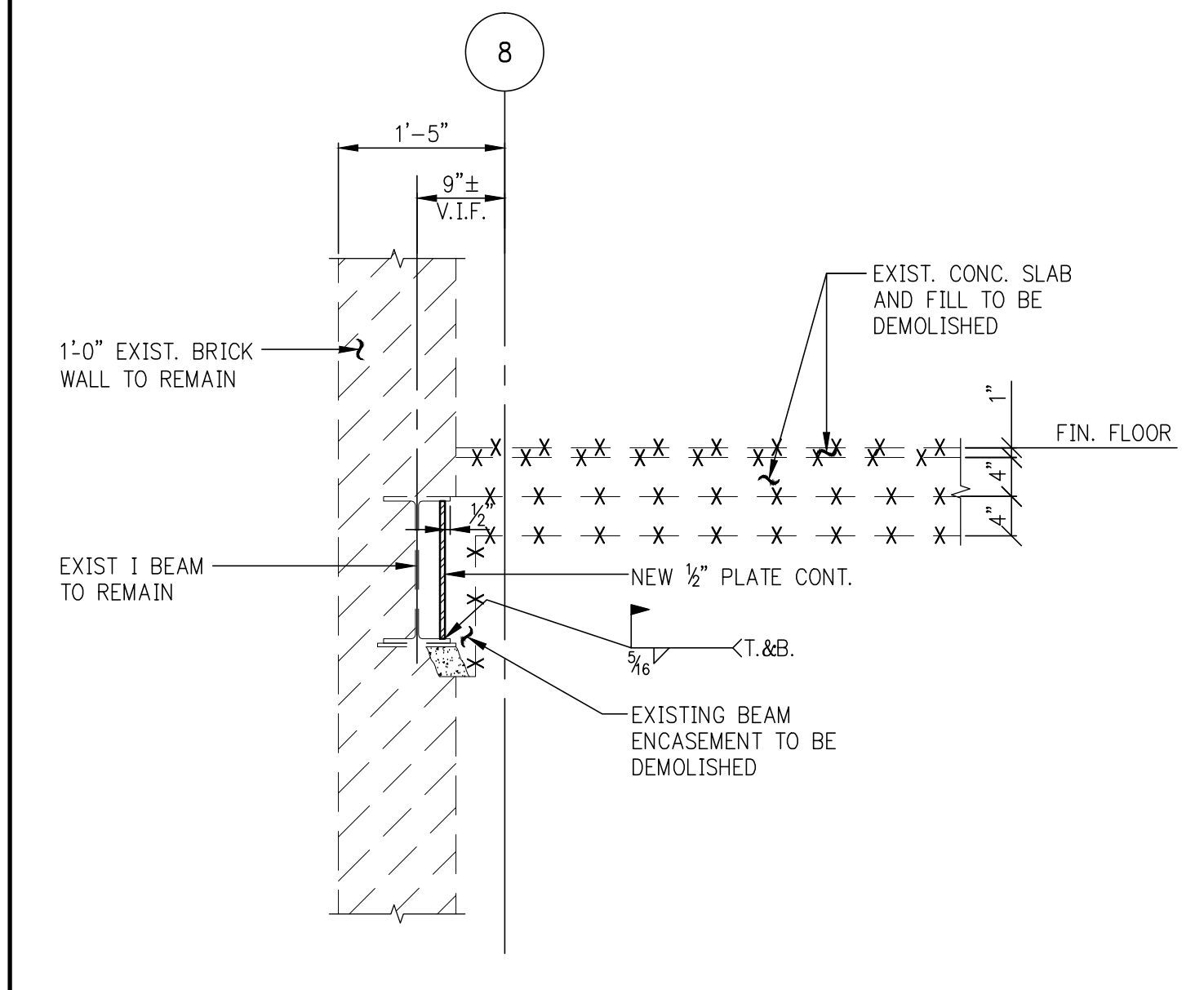


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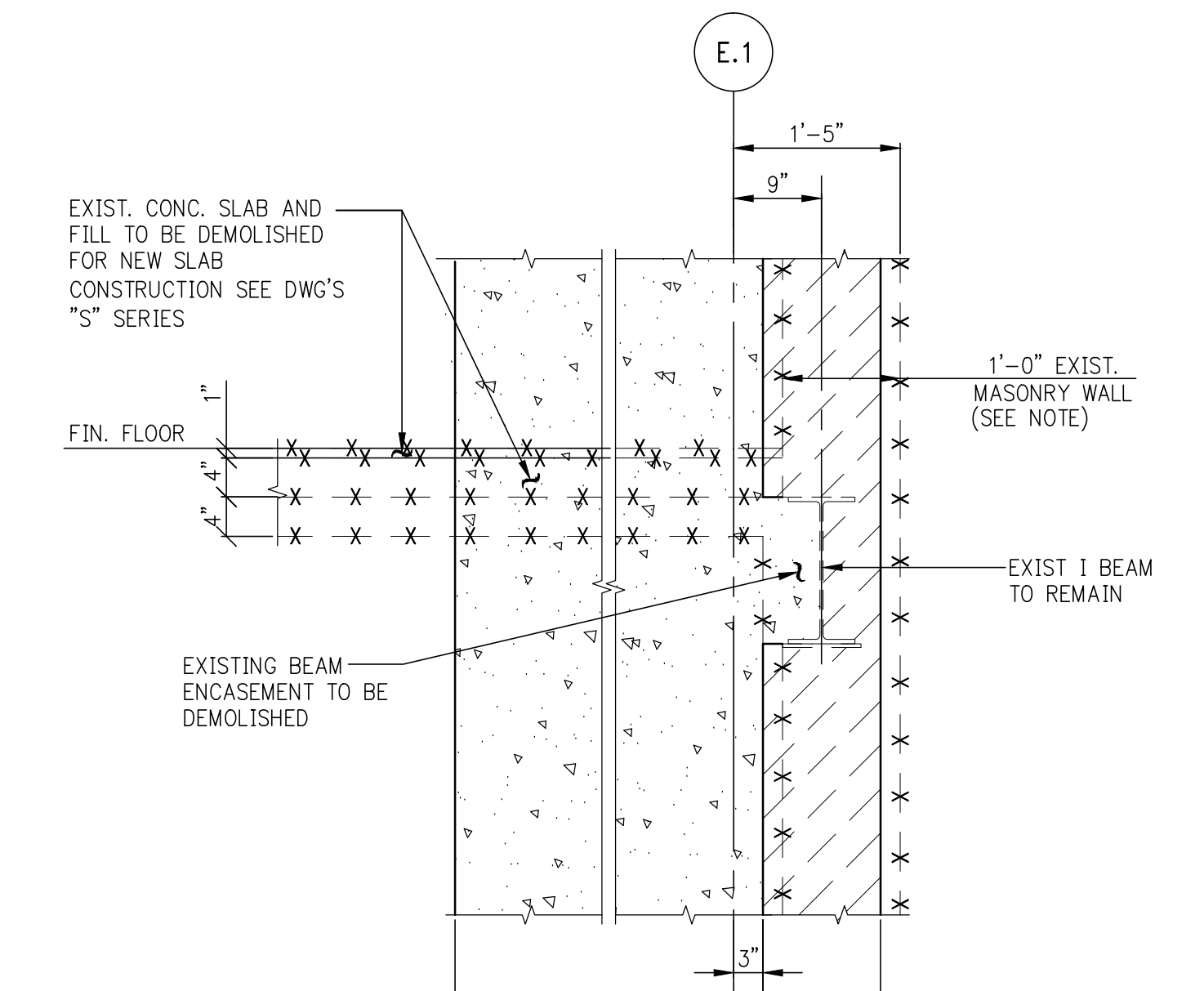




**1** TYPICAL SECTION AT SLAB DEMOLITION ALONG PERIMETER WALL  
SCALE: 3/4"=1'-0"



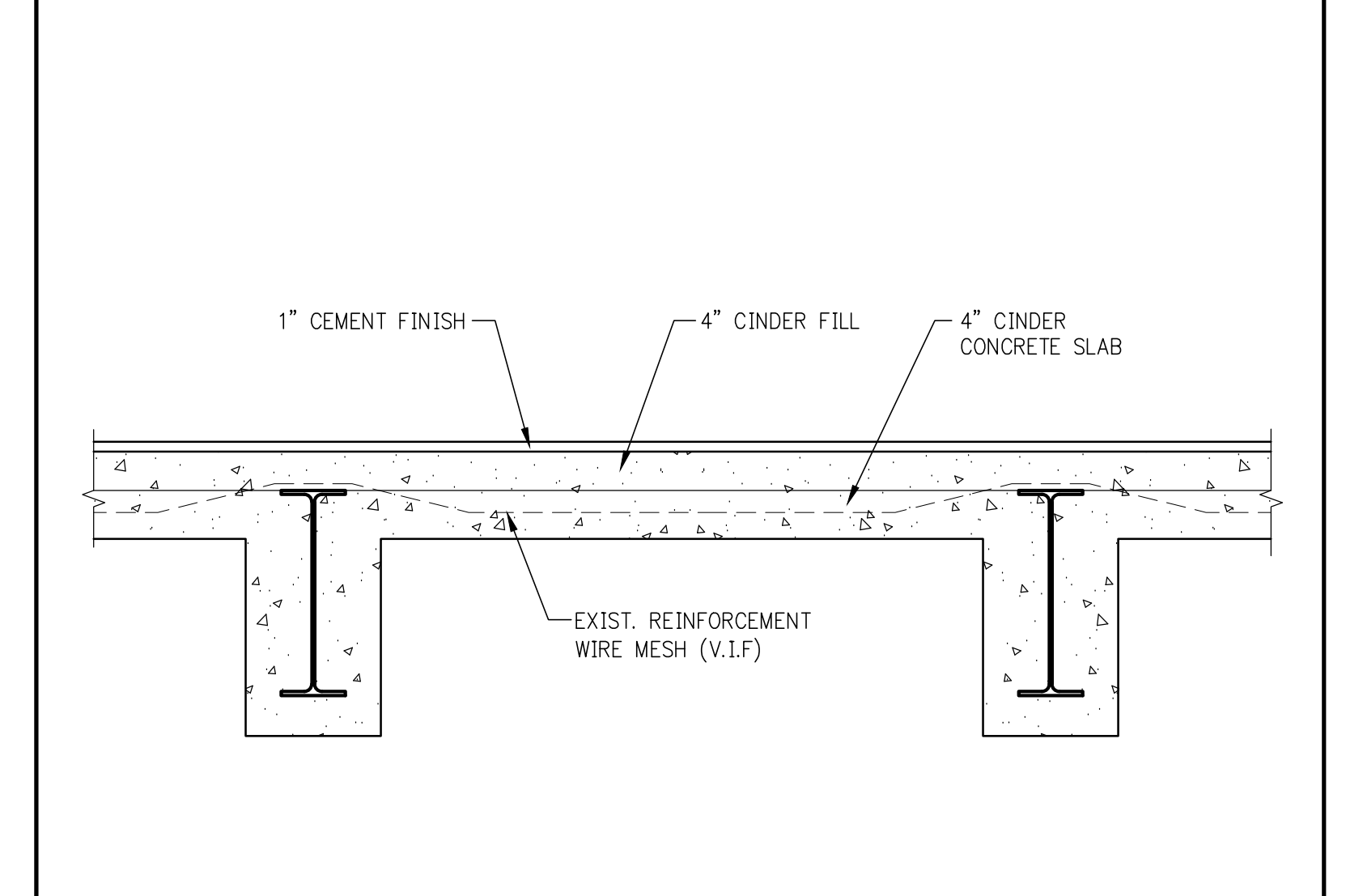
**2** SECTION SCALE: 3/4"=1'-0"



**3** SECTION SCALE: 3/4"=1'-0"  
NOTE: EXISTING MASONRY WALL TO BE DEMOLISHED AND REBUILT

**DEMOLITION NOTES:**

1. THE DEMOLITION CONTRACTOR MUST RETAIN A PROFESSIONAL ENGINEER (P.E.) LICENSED IN THE STATE OF NEW YORK. THE ENGINEER SHALL INSPECT/SURVEY THE EXISTING STRUCTURAL AND REINFORCE/PROTECT WHERE REQUIRED IN ORDER TO MAINTAIN THE EXISTING STRUCTURAL SYSTEMS FULL INTEGRITY DURING DEMOLITION AND NEW CONSTRUCTION.
2. THE CONTRACTOR'S P.E. MUST FILE ALL DRAWINGS WITH THE BUILDING DEPARTMENT.
3. THE CONTRACTOR SHALL NOTIFY THE BUILDING DEPARTMENT AT LEAST 24 HOURS, BUT NO MORE THAN 48 HOURS PRIOR TO COMMENCEMENT OF DEMOLITION WORK.
4. DEMOLITION SHALL BE PERFORMED USING ONLY HAND HELD EQUIPMENT.
5. DURING THE DEMOLITION DO NOT ALLOW DEBRIS TO PILE UP OR FALL ON SLABS WHICH ARE TO REMAIN IN PLACE. PROVIDE PLYWOOD AND/OR PLANKING TO CUSHION AND PROTECT SLABS FROM DAMAGE. REPLACE IN KIND ANY DAMAGED BASE BUILDING CONSTRUCTION TO THE OWNER'S SATISFACTION.
6. CONTRACTOR SHALL COORDINATE DEMOLITION WORK WITH THE NEW CONSTRUCTION DRAWINGS TO DETERMINE DIMENSIONS AND TO INSURE THAT NO ITEMS OR SERVICES, WHICH ARE TO REMAIN, ARE DISCONNECTED OR REMOVED. IN ADDITION THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER FOR REVIEW A WRITTEN REPORT INDICATING ACTUAL FIELD CONDITIONS WHICH MAY VARY FROM INFORMATION INDICATED ON DRAWINGS.
7. VERIFY ALL WEIGHT AND STRUCTURAL LIMITATIONS TO CLEARANCE AND MANEUVERING SPACE WHEN REMOVING LARGE ITEMS FROM THE BUILDING PREMISES. THE CONTRACTOR SHALL INCLUDE IN HIS PRICE A BREAKDOWN FOR SPECIAL REMOVAL.
8. SHEETING, SHORING AND ADDITIONAL BRACING TO BE PROVIDED AS REQUIRED AND TO BE ENGINEERED BY THE (NYPE) RETAINED BY THE CONTRACTOR.
9. THE SPACING BETWEEN CORE DRILLS TO BE MIN. THE DIAMETER OF THE LARGEST CORE, NOT LESS THAN 4".
10. PRIOR TO THE START OF THE DEMOLITION WORK, THE CONTRACTOR SHALL INSTALL VIBRATION MONITORS ON ALL LANDMARK AND HISTORIC WALLS AND STRUCTURES TO REMAIN. THE CONTRACTOR SHALL STOP THE WORK IF VIBRATION EXCEED 0.5 IPS OR ANY DAMAGE OF THE STRUCTURE IS OBSERVED.



EXISTING SLAB CONSTRUCTION (FOR INFORMATION)



JDS DEVELOPMENT GROUP  
104 WEST 57TH STREET, 8TH FLOOR  
NEW YORK, NY 10019  
NY 121-880-3000



ARCHITECT  
SHP ARCHITECTS, P.C.  
230 BROADWAY, 11TH FLOOR  
NEW YORK, NY 10007  
NY 212-680-0000

STRUCTURAL ENGINEER  
NEIP CIVIL/ENR/ENR/ENR  
230 WEST 45TH STREET  
NEW YORK, NY 10018  
NY 212-687-9888

MEP ENGINEER  
JARDS, BALM & SCULLES  
80 WEST STREET, 10TH FLOOR  
NEW YORK, NY 10006  
NY 212-680-6333

CIVIL ENGINEER  
ANRF ENGINEERING, P.C.  
44 WEST 44TH STREET, 7TH FLOOR  
NEW YORK, NY 10018  
NY 800-388-0820

ACOUSTICS  
LONGMAN LINDSEY  
47 WEST 25TH STREET, 8TH FLOOR  
NEW YORK, NY 10001  
NY 917-250-2500

INTERIORS  
STUDIO SCHEFFEL  
300 KAPLAN STREET  
NEW YORK, NY 10003  
NY 212-673-1300

RESTORATION  
JAN HIRSH POKORNY ASSOCIATES  
30 WEST 27TH STREET, 8TH FLOOR, 2A  
NEW YORK, NY 10001  
NY 212-252-4242

GEOTECH  
MRICE  
333 WEST 40TH STREET, 8TH FLOOR  
NEW YORK, NY 10018  
NY 917-283-3000

LIGHTING  
CORPORATION INTERNATIONAL  
100 WALKER STREET, 19TH FLOOR EAST  
NEW YORK, NY 10003  
NY 212-255-1483



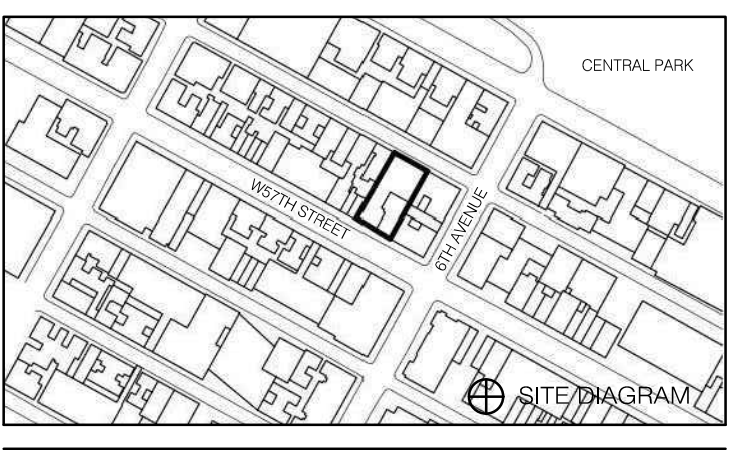
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01/16/13	01/16/13	ISSUE

DATE: 01/16/13  
BY: [Signature]  
NO. DATE REVISION

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**DEMOLITION NOTES AND SECTIONS**

SEAL & SIGNATURE  
DATE: 1/16/13  
PROJECT NO.: 1310140  
DRAWN BY: CAD/D  
CHECKED BY: CL  
DATE: 12/13/2016  
DRAWING NUMBER: DMS-200.00





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04/2/2014	DOB ISSUE			

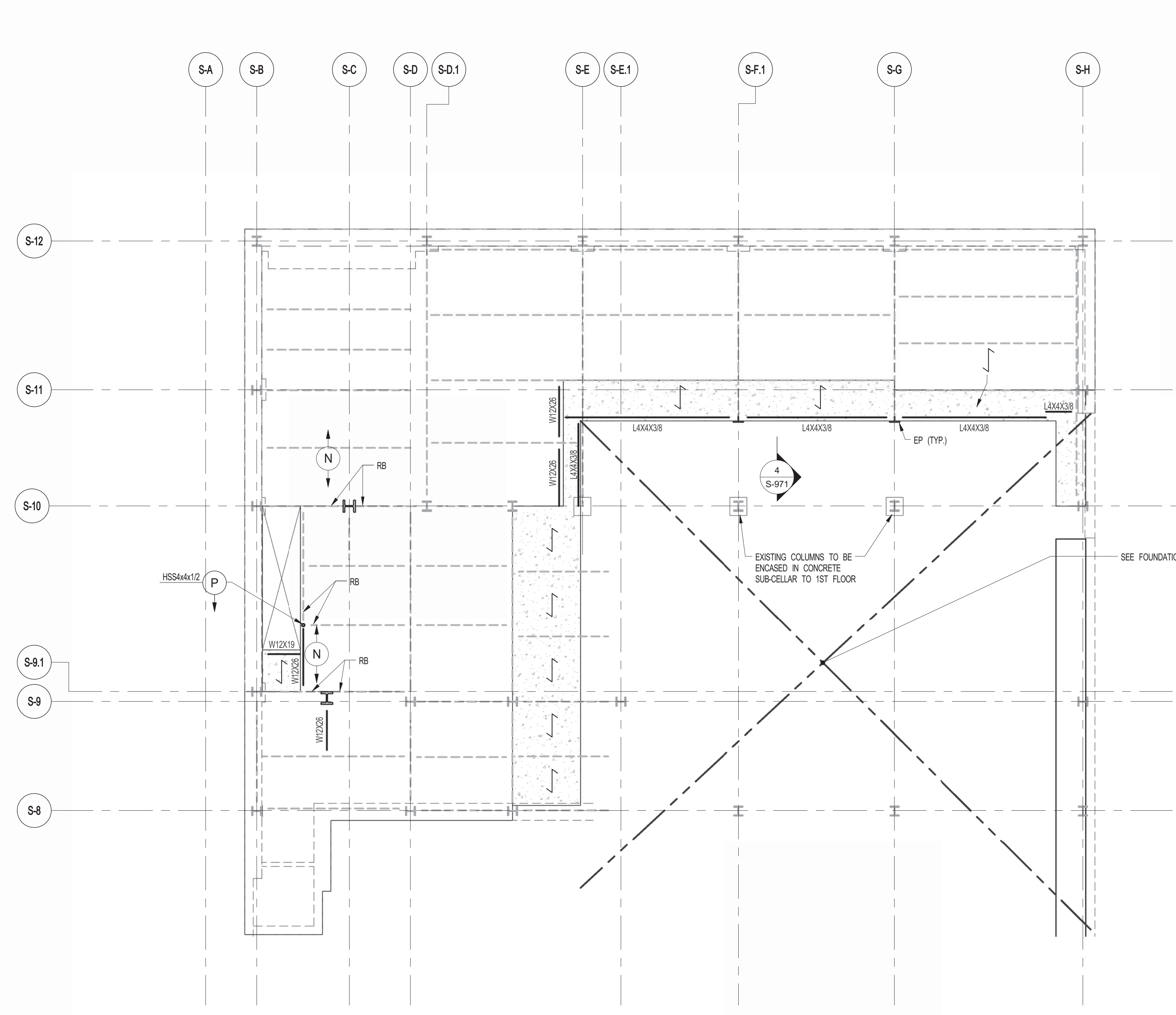
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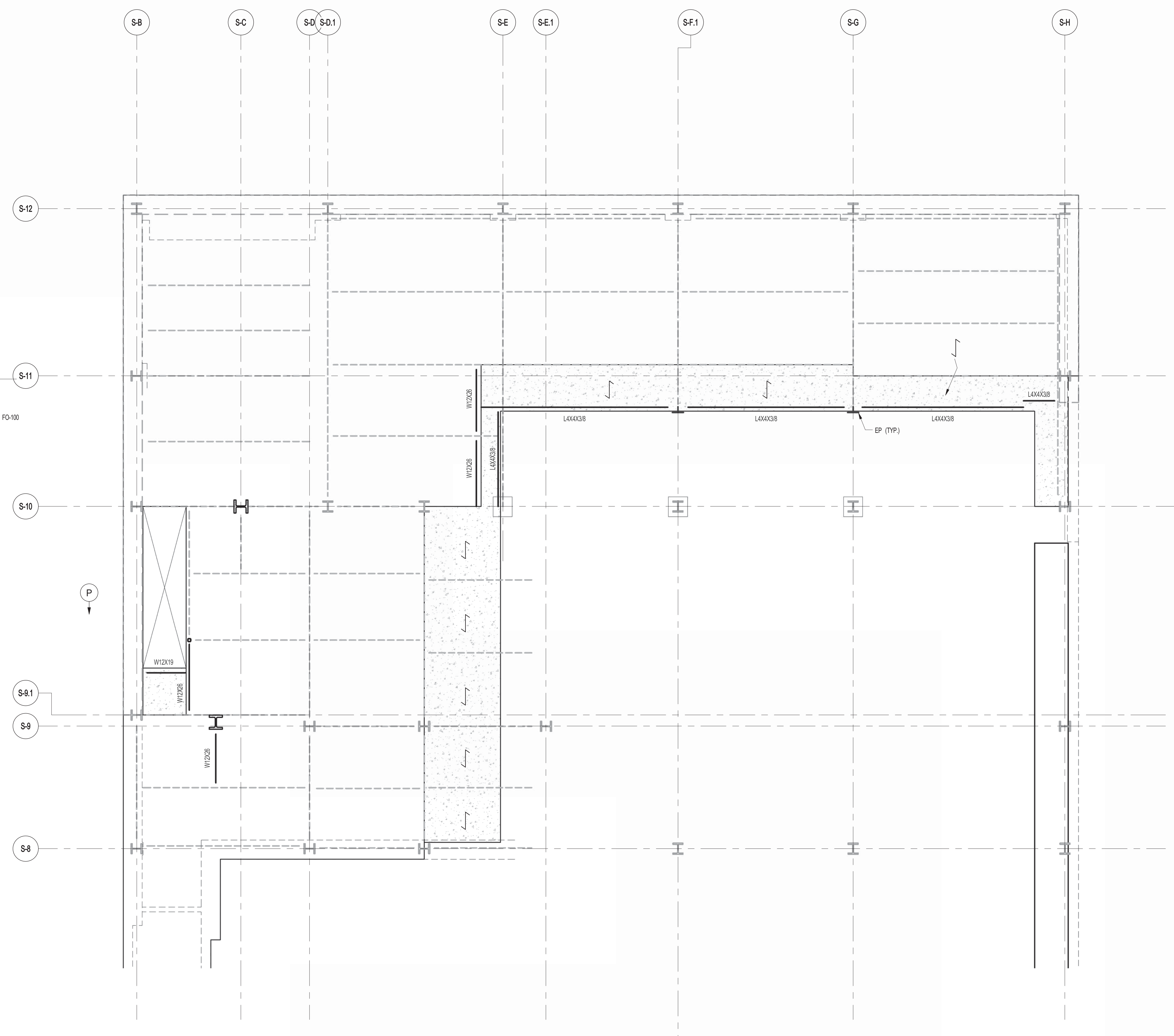
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**CELLAR FRAMING PLAN**

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PROJECT NO.	1310180
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DOB NO.	
DRAWING NUMBER	

**S-005.00**



**1 CELLAR FRAMING PLAN**  
S-005 SCALE: 1/8" = 1'-0"



**2 ENLARGED CONCRETE FRAMING PLAN**  
S-005 SCALE: 3/16" = 1'-0"







ARCHITECT	SHAP ARCHITECTS, P.C. 230 BROADWAY, 11TH FLOOR NEW YORK, NY 10005 TEL: 212 693 9300	FACADE	BRUNO HAERFELD 105 SPENCER ST. NEW YORK, NY 10003 TEL: 212 234 2925
STRUCTURAL ENGINEER	TOPP CIVIL/ENR GROUP 228 EAST 47TH STREET NEW YORK, NY 10017 TEL: 212 697 2886	VERTICAL TRANSPORTATION	VAN DEUSEN & ASSOCIATES 2 WINDY STREET, SUITE 204 LARKSPRING, NJ 07033 TEL: 973 984 8770
MEP ENGINEER	JACOBS BAHM & BOLLES 30 WINE STREET, 10TH FLOOR NEW YORK, NY 10005 TEL: 212 693 9300	RESTORATION	JAN HRO FOKORNY ASSOCIATES 30 WEST 57TH STREET, 4TH FLOOR NEW YORK, NY 10019 TEL: 212 234 6462
CIVIL ENGINEER	AKRF ENGINEERING, P.C. 40 FIFTH AVE, 20TH FLOOR, 7TH FLOOR NEW YORK, NY 10018 TEL: 800 388 8028	GEOTECH	MTICE 305 WEST 47TH STREET, 4TH FLOOR NEW YORK, NY 10018 TEL: 917 238 4900
ACOUSTICS	LONGMAN LINDSEY 4 WEST 58TH STREET, 4TH FLOOR NEW YORK, NY 10019 TEL: 917 238 2339	INTERIORS	STUDIOS 250 FIELD 30 WALKER STREET NEW YORK, NY 10001 TEL: 212 475 1300
CONSERVATION/INTERIOR	CONSERVATION/INTERIOR INTERNATIONAL 105 WALKER STREET, 7TH FLOOR EAST NEW YORK, NY 10001 TEL: 212 234 4463		



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NEW YORK, NY 10011  
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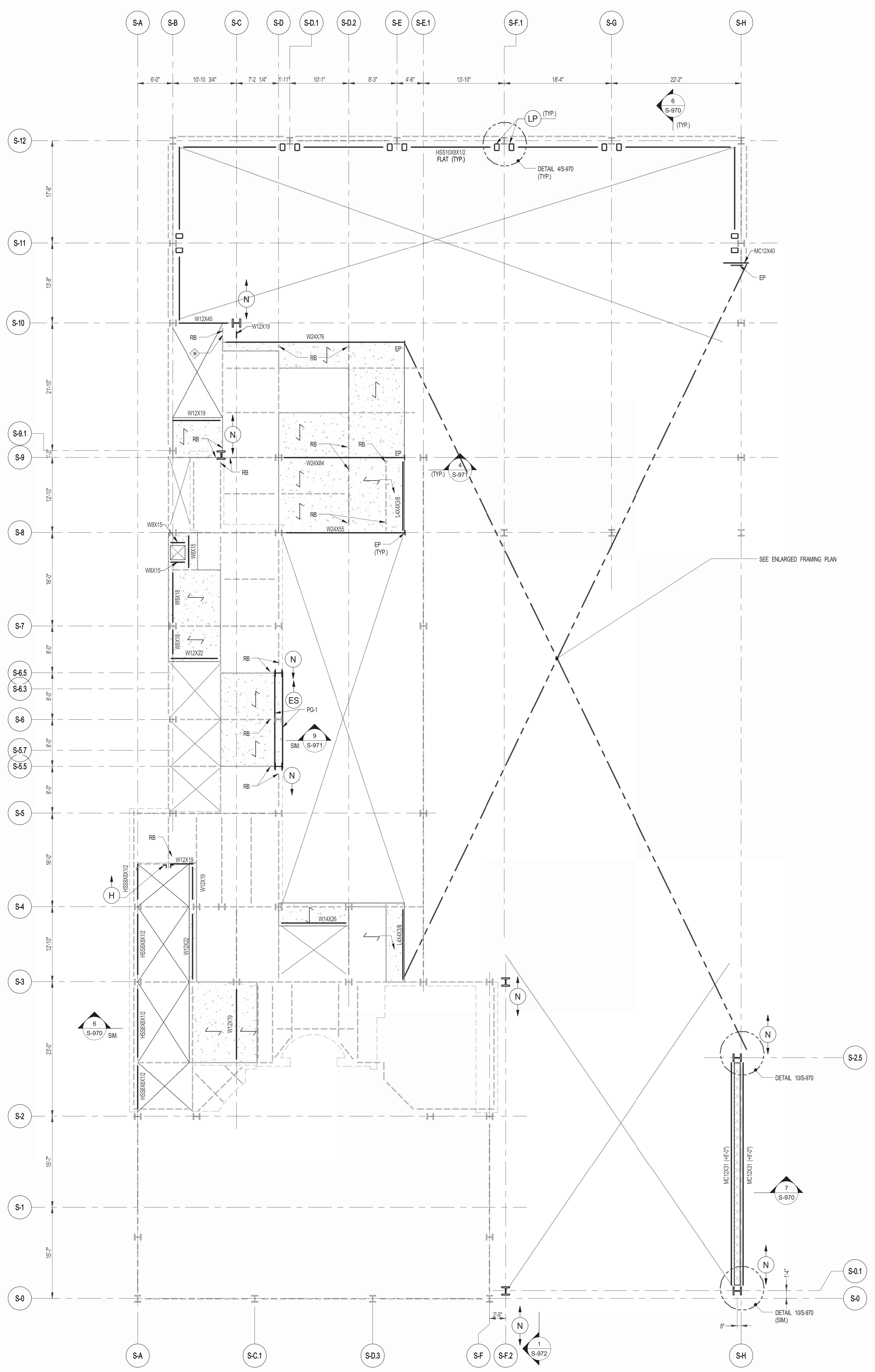
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2ND FLOOR FRAMING PLAN

SEAL & SIGNATURE DATE

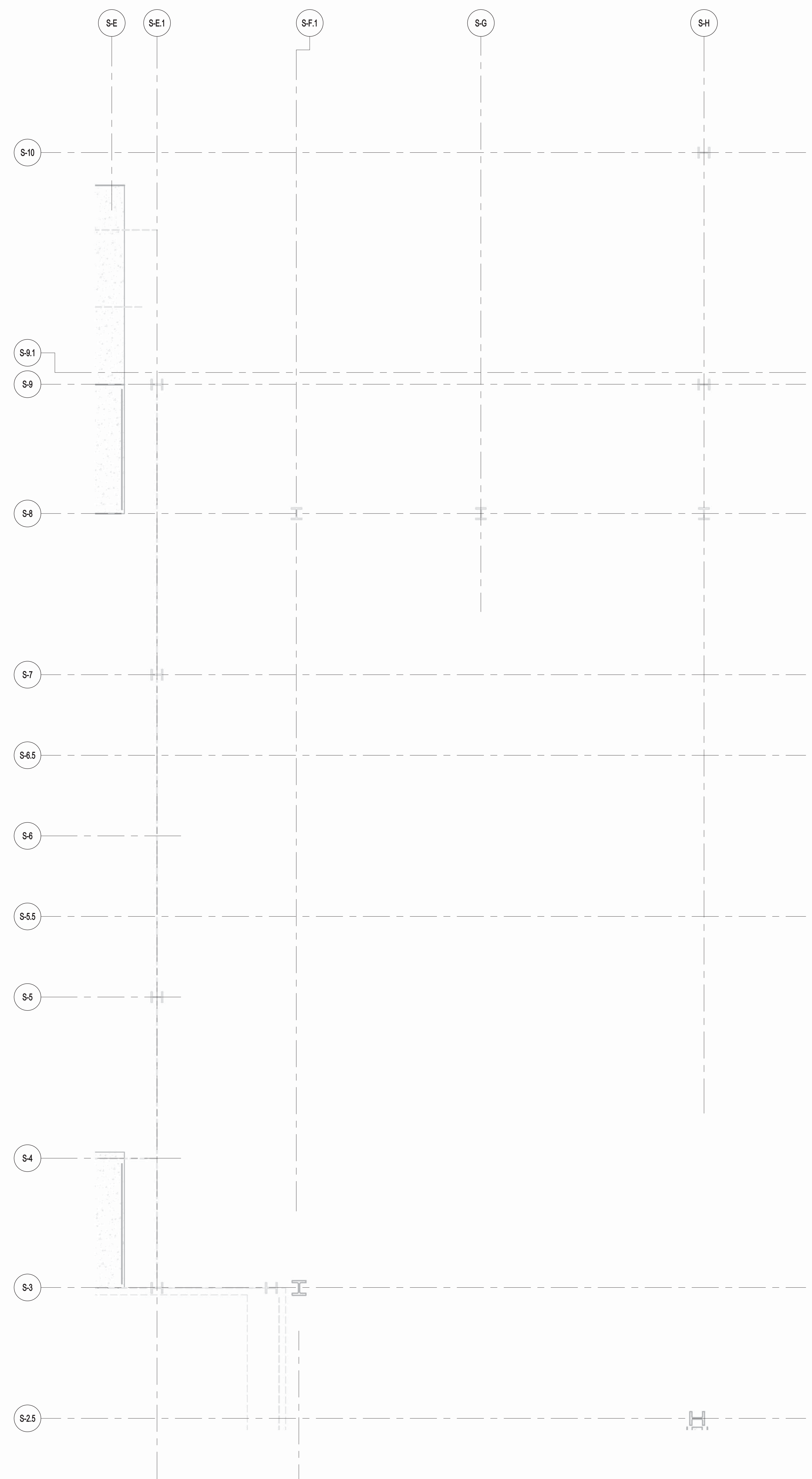
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**1 2ND FLOOR FRAMING PLAN**  
SCALE: 1/8" = 1'-0"

- NOTES:
- INDICATES NEW SLAB CONSTRUCTION TO BE 3 1/4" L. WT. CONCRETE TOPPING TO 4000 psi AT 28 DAYS (MATCH EXISTING SLAB ELEVATION OVER 1" GALV. METAL DECK 18 GA (TOTAL DEPTH 14") REM: W1 6#x12@W23 W.W.F. U.O.M.
  - ELEVATION SHOWN THIS (H. ) INDICATES TYPICAL ELEVATION ABOVE TSLAB.
  - FOR ADDITIONAL NOTES AND LEGEND SEE DRAWING P-001.



**2 ENLARGED CONCRETE FRAMING PLAN**  
SCALE: 3/16" = 1'-0"

- NOTES:
- TOP OF SLAB EL. SEE ARCH. DRAWINGS
  - SLAB THICKNESS TO BE 12" U.O.M. THIS [ ] ON PLAN
  - BOTTOM REINFORCEMENT TO BE #5@12" E-W CONTINUOUS FOR 12" SLAB
  - FOR BALANCE OF NOTES SEE DRAWING S-010.









JDS DEVELOPMENT GROUP  
100 WEST 57TH STREET, 11TH FLOOR  
NEW YORK, NY 10019  
TEL: 212 850 3600

# sh p

ARCHITECT  
SHAP ARCHITECTS, P.C.  
220 BROADWAY, 11TH FLOOR  
NEW YORK, NY 10007  
TEL: 212 869 9900

STRUCTURAL ENGINEER  
YUSEF GHAZALI ENGINEERING  
220 EAST 43RD STREET  
NEW YORK, NY 10017  
TEL: 212 697 5886

MEP ENGINEER  
JACOBS, BAUM & BOLLER  
30 RINE STREET, 12TH FLOOR  
NEW YORK, NY 10005  
TEL: 212 693 6333

CIVIL ENGINEER  
ARIF ENGINEERING, P.C.  
40 FIFTH AVE, 20TH FLOOR  
NEW YORK, NY 10011  
TEL: 212 260 8828

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40 WEST 59TH STREET, 4TH FLOOR  
NEW YORK, NY 10019  
TEL: 917 238 3339

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STUDIO SCHEFFEL  
30 LAURETTE STREET  
NEW YORK, NY 10001  
TEL: 212 475 1300

FACADE  
BURROUGHS WERFIELD  
100 BROADWAY  
NEW YORK, NY 10005  
TEL: 212 234 2025

VERTICAL TRANSPORTATION  
VAN DEUSEN & ASSOCIATES  
100 WEST STREET, SUITE 200  
LARKSPER, NJ 07033  
TEL: 201 961 8770

RESTORATION  
JAN HERS FOKORNY ASSOCIATES  
20 WEST 57TH STREET, 11TH FLR  
NEW YORK, NY 10019  
TEL: 212 238 6882

GEOTECH  
MICE  
300 WEST 57TH STREET, 4TH FLOOR  
NEW YORK, NY 10019  
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CONSERVATORIE INTERNATIONAL  
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NEW YORK, NY 10005  
TEL: 212 255 4463

PROPERTY MARKETS GROUP  
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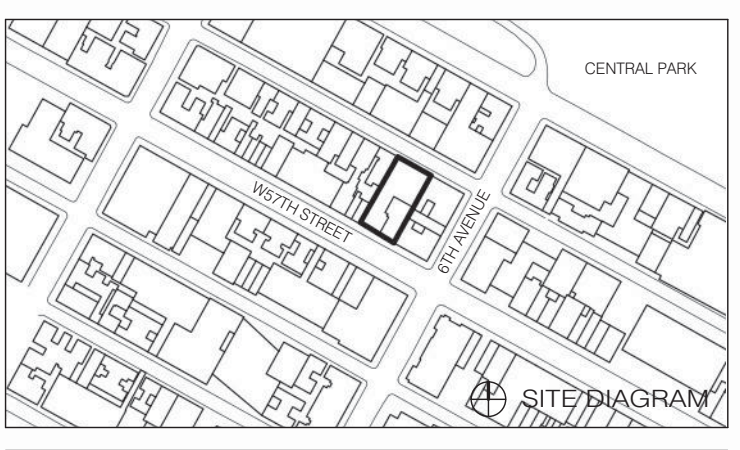
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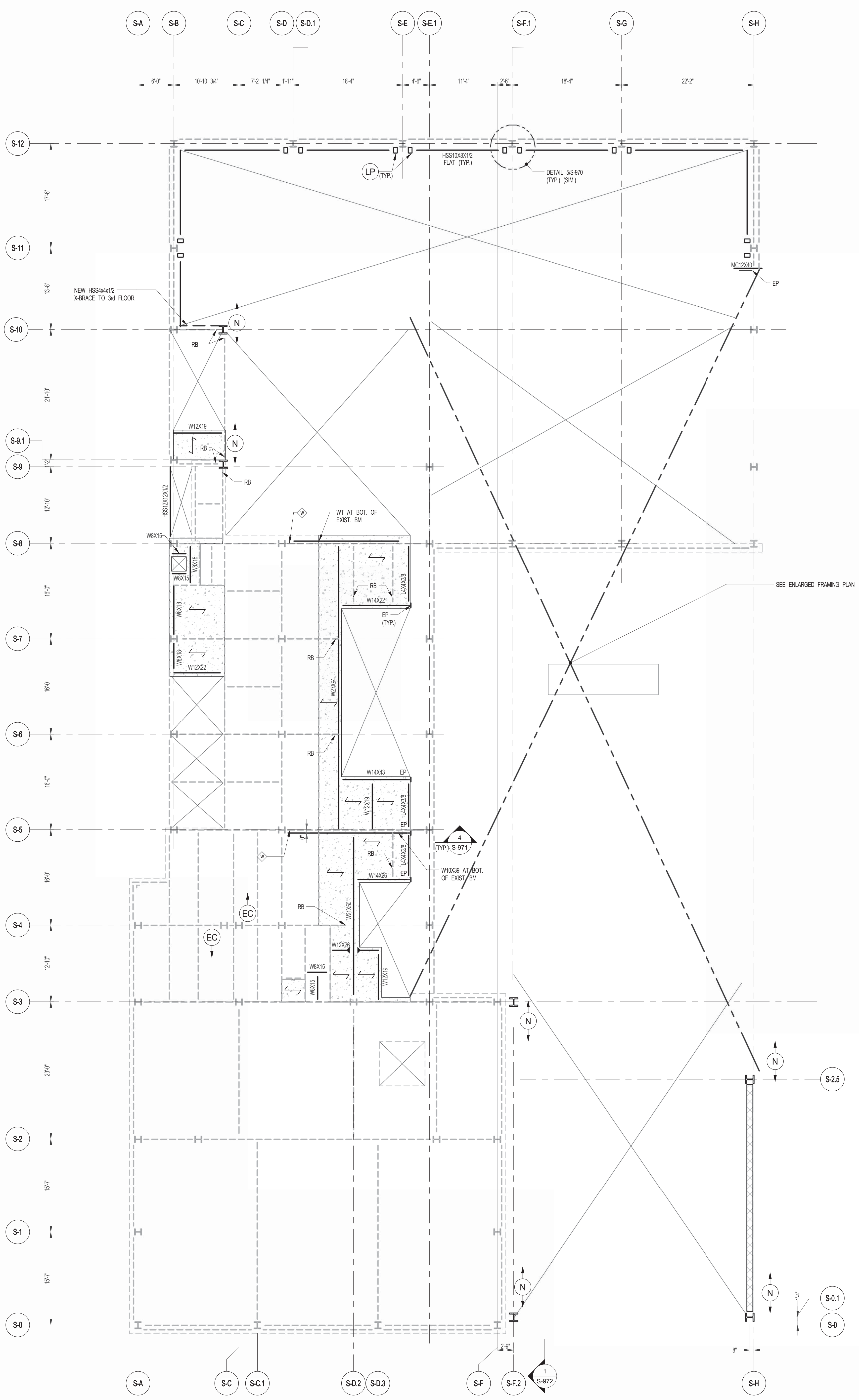


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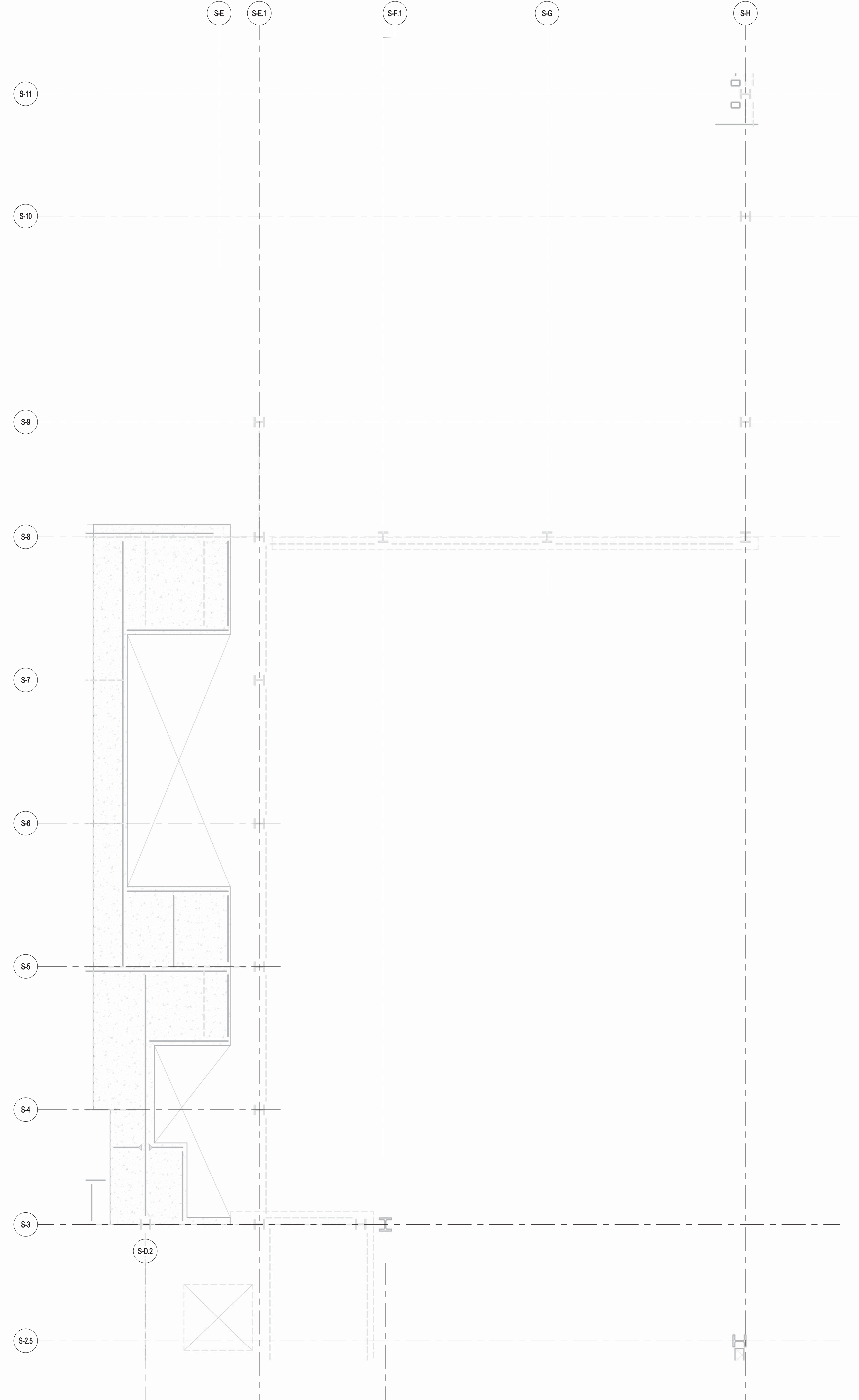
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4TH FLOOR FRAMING PLAN

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PROJECT NO.: 1310180  
DRAWN BY: CAD  
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DOB NO.: 2015  
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1 4TH FLOOR FRAMING PLAN  
SCALE: 1/8" = 1'-0"

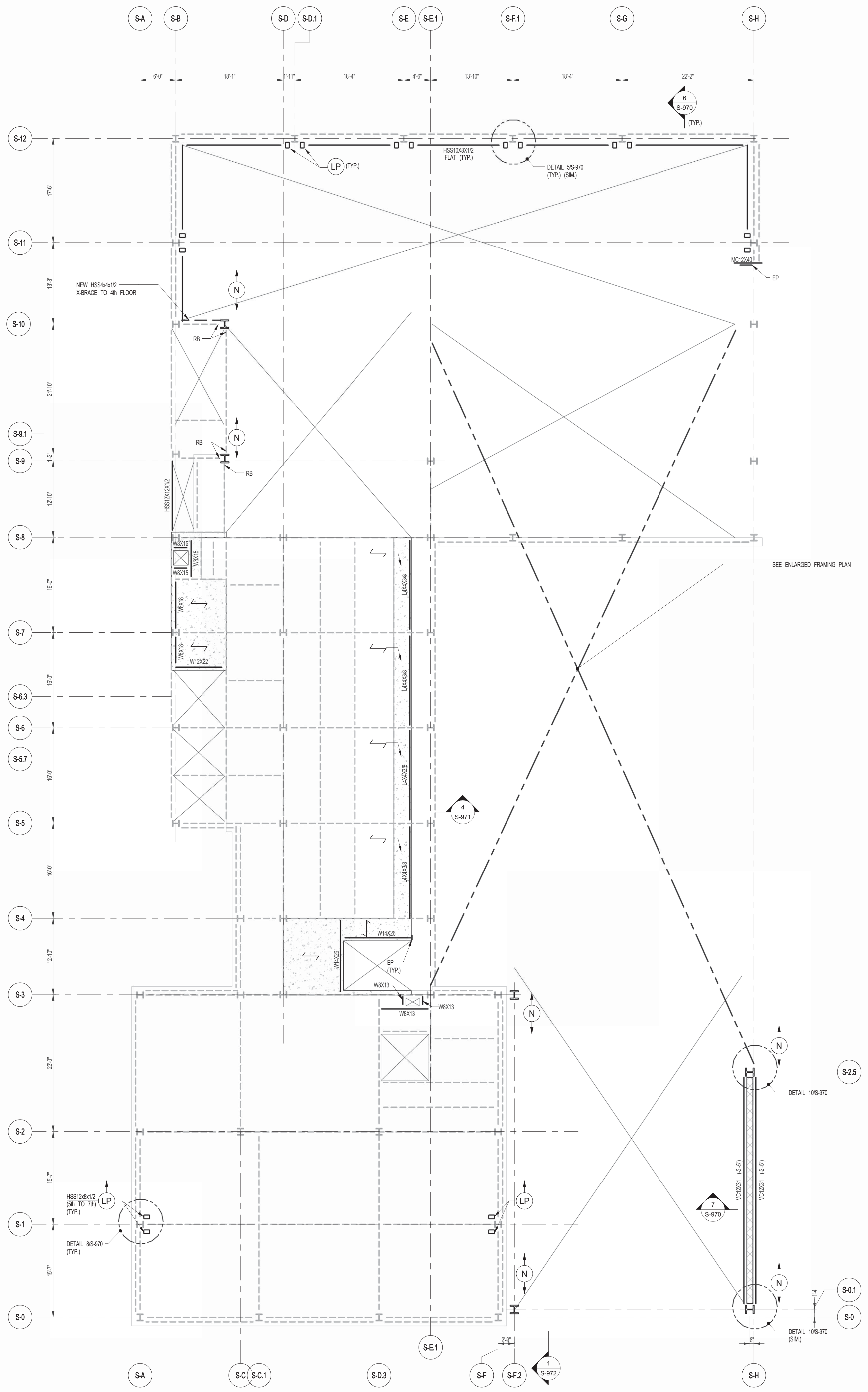
- NOTES:
- INDICATES NEW SLAB CONSTRUCTION TO BE 3 1/4" L WT CONCRETE TOPPING (f=4000 psi) AT 28 DAYS (MATCH EXISTING SLAB ELEVATION OVER 3" GALV. METAL DECK 18 GA (TOTAL DEPTH 1 1/4") REINF. W/ #6@16" ONCS WWF. UDN.
  - ELEVATION SHOWN THIS (-) INDICATES TOSTER. ELEVATION ABOVE TISLAB.
  - FOR ADDITIONAL NOTES AND LEGEND SEE DRAWING P-001.



2 ENLARGED CONCRETE FRAMING PLAN  
SCALE: 3/16" = 1'-0"

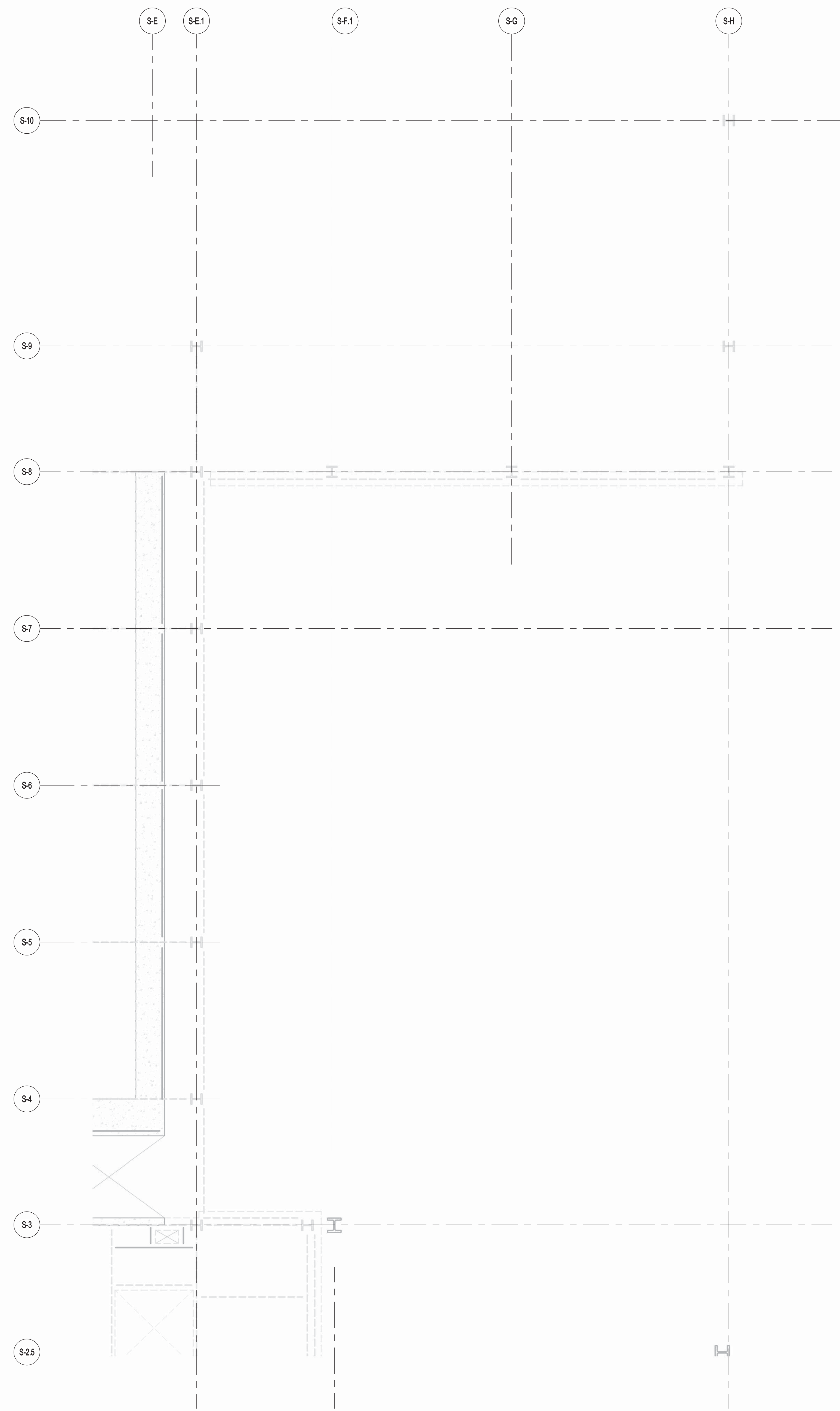
- NOTES:
- TOP OF SLAB EL. SEE ARCH. DRAWINGS.
  - SLAB THICKNESS TO BE 12" UDN. THIS [Symbol] ON PLAN.
  - BOTTOM REINFORCEMENT TO BE #4@2' E-W CONTINUOUS FOR 12" SLAB.
  - FOR BALANCE OF NOTES SEE DRAWING S-010.





**1** 5TH FLOOR FRAMING PLAN  
S-550 SCALE: 1/8" = 1'-0"

- NOTES**
- INDICATES NEW SLAB CONSTRUCTION TO BE 3 1/4" L. WT. CONCRETE TOPPING  $f_c=4000$  psf AT 28 DAYS (MATCH EXISTING SLAB ELEVATION OVER 3" GALV. METAL DECK 18 GA. (TOTAL DEPTH= 14") REIN. W/ #6@12" ON C/S W/W/ U.O.N.
  - ELEVATION SHOWN THUS (---) INDICATES T/STEEL ELEVATION ABOVE T/SLAB.
  - FOR ADDITIONAL NOTES AND LEGEND SEE DRAWING 5-01.



**2** ENLARGED CONCRETE FRAMING PLAN  
S-550 SCALE: 3/16" = 1'-0"

- NOTES**
- TOP OF SLAB EL. SEE ARCH. DRAWINGS.
  - SLAB THICKNESS TO BE 12" U.O.N. THIS ON PLAN.
  - BOTTOM REINFORCEMENT TO BE #8@12" EW. CONTINUOUS FOR 12" SLAB.
  - FOR BALANCE OF NOTES SEE DRAWING 5-01.



JDS DEVELOPMENT GROUP  
111 WEST 57TH STREET, 8TH FLOOR  
NEW YORK, NY 10019  
NY 646 832 3636

**sh p**

ARCHITECT  
SHAP ARCHITECTS, P.C.  
233 BROADWAY, 11TH FLOOR  
NEW YORK, NY 10038  
NY 212 689 9336

STRUCTURAL ENGINEER  
TOPIC CIVIL/ENR GROUP  
228 EAST 43RD STREET  
NEW YORK, NY 10017  
NY 212 697 5886

MEP ENGINEER  
JAMES BAIAM & BOLLER  
80 WINE STREET, 12TH FLOOR  
NEW YORK, NY 10038  
NY 212 689 9336

CIVIL ENGINEER  
AWR ENGINEERING, P.C.  
40 FIFTH AVE, 20TH FLOOR  
NEW YORK, NY 10011  
NY 646 288 8828

ACOUSTICS  
LONGMAN LINDSEY  
40 WEST 58TH STREET, 4TH FLOOR  
NEW YORK, NY 10019  
NY 917 338 3339

INTERIORS  
STUDIOS/SCHEFFEL  
300 LAURETTE STREET  
NEW YORK, NY 10011  
NY 212 475 3300

FAÇADE  
BURROUGHS WELFORD  
105 BROADWAY  
NEW YORK, NY 10038  
NY 212 254 2625

VERTICAL TRANSPORTATION  
VAN DEUSEN & ASSOCIATES  
3 WINDY STREET, SUITE 204  
LARKSPER, NJ 07033  
NY 201 984 8775

RESTORATION  
JAN HIRSH FOKORNY ASSOCIATES  
30 WEST 57TH STREET, 11TH FLR. 10A  
NEW YORK, NY 10019  
NY 212 258 4442

GEOTECH  
MTC  
305 WEST 58TH STREET, 4TH FLOOR  
NEW YORK, NY 10019  
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CONSERVATORIE INTERNATIONAL  
105 WALKER STREET, 7TH FLOOR, EAST  
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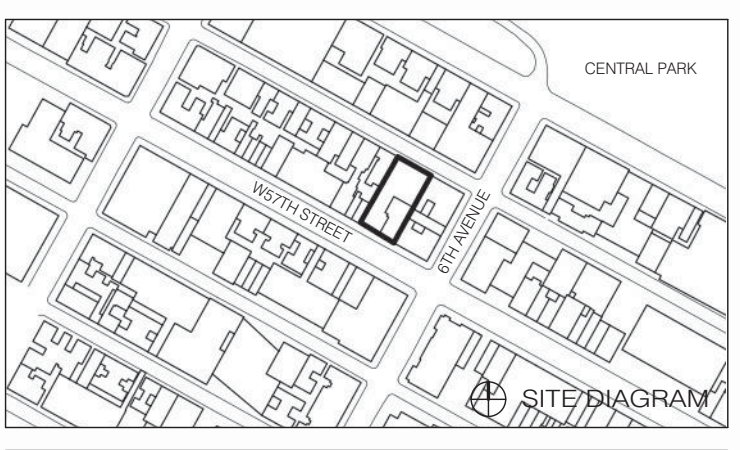
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**5TH FLOOR FRAMING PLAN**

SEAL & SIGNATURE

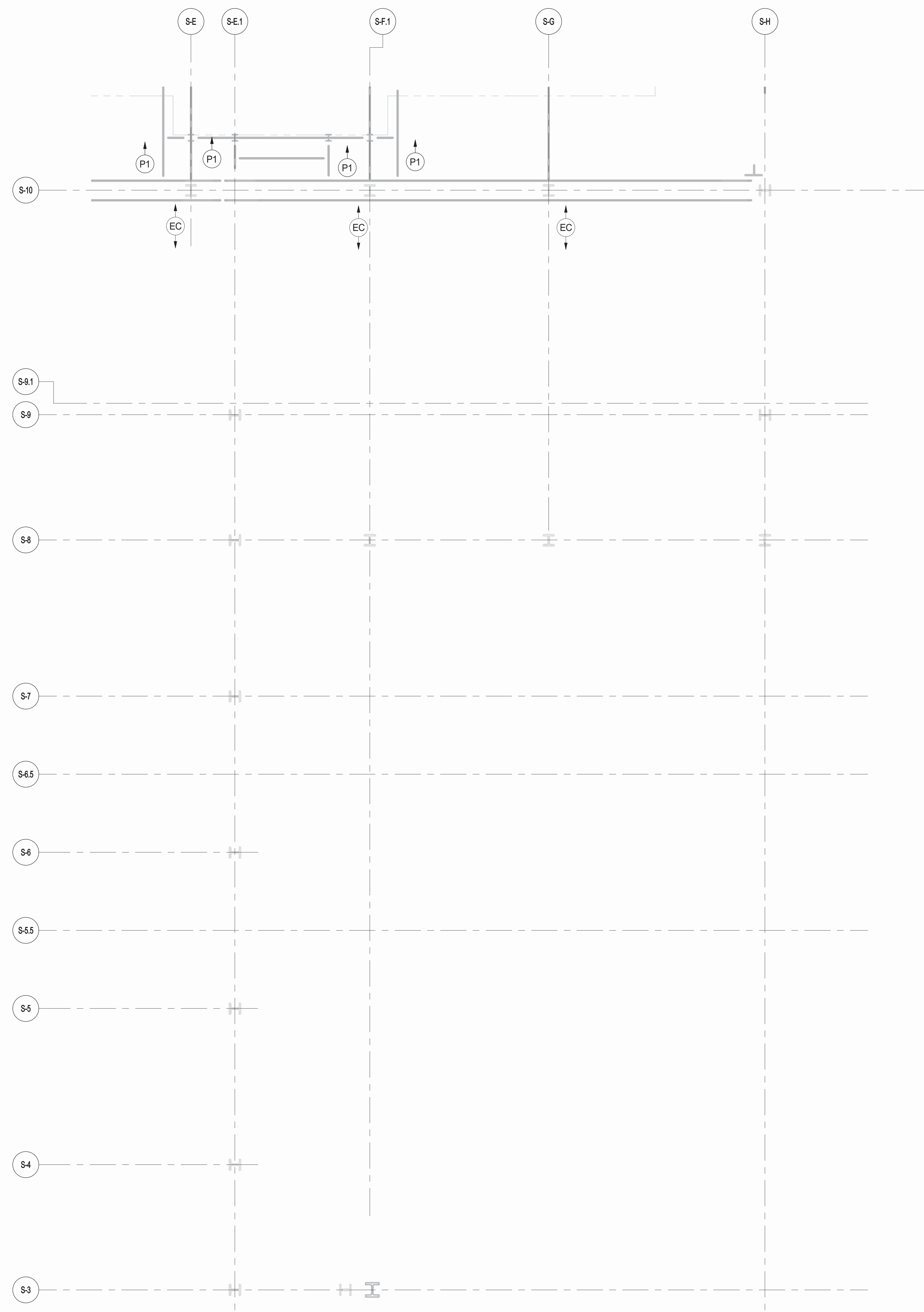
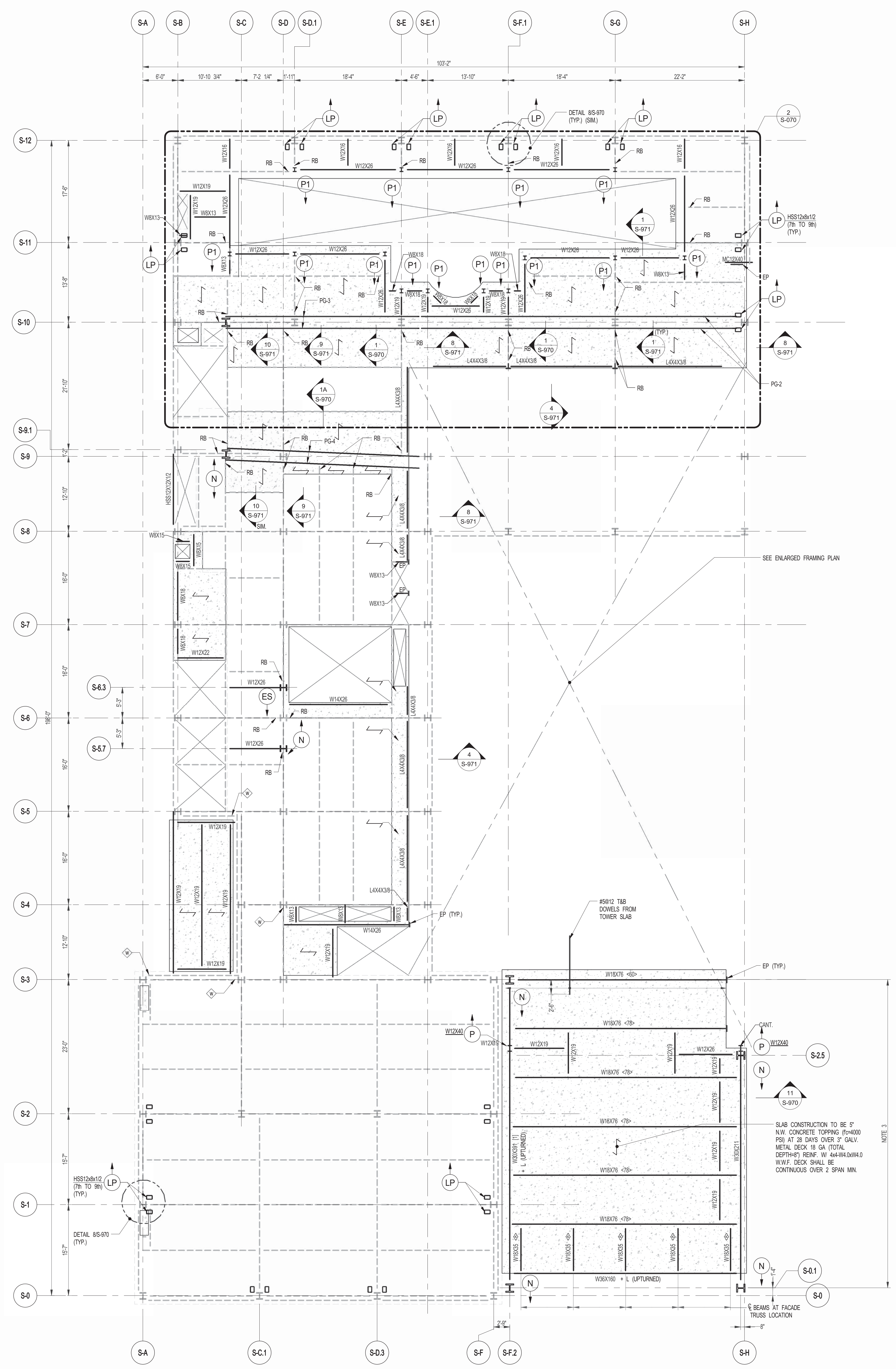
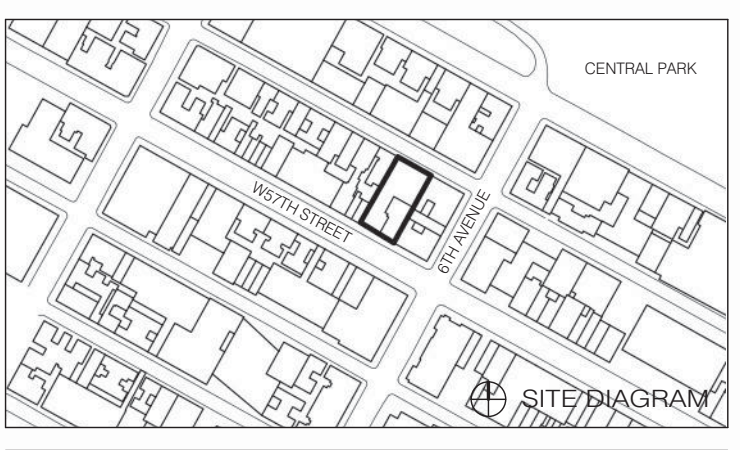
DATE	1/10/18
PROJECT NO.	1310180
DRAWN BY	CAAD
CHECKED BY	PK
DOB NO.	01015
DRAWING NUMBER	S-050.00

S-050.00









**1** 7TH FLOOR FRAMING PLAN  
S-070 SCALE: 1/8" = 1'-0"

- NOTES:
- INDICATES NEW SLAB CONSTRUCTION TO BE 3" W/ 1" NY CONCRETE TOPPING (4000 PSI) AT 28 DAYS (MATCH EXISTING SLAB ELEVATION OVER 3" GALV. METAL DECK 18 GA (TOTAL DEPTH=6 1/4") REIN. W/ #4@18" ON C/S, #3@12" W/S, U.C.N.
  - ELEVATION SHOWN THIS (N...) INDICATES T/STEEL ELEVATION ABOVE T/SLAB.
  - ALL R/W SLAB SUPPORT BEAMS TO BE PAINTED (UNLESS FIREPROOFED PER ARCH. SPECIFICATIONS).
  - FOR ADDITIONAL NOTES AND LEGEND SEE DRAWING F001.

**2** ENLARGED CONCRETE FRAMING PLAN  
S-070 SCALE: 3/16" = 1'-0"

- NOTES:
- TOP OF SLAB EL. SEE ARCH. DRAWINGS.
  - SLAB THICKNESS TO BE 12" U.C.N. THIS [ ] ON PLAN.
  - BOTTOM REINFORCEMENT TO BE #3@12" EW, CONTINUOUS FOR 12' SLAB.
  - FOR BALANCE OF NOTES SEE DRAWING S-010.

NOT FOR CONSTRUCTION

7TH FLOOR FRAMING PLAN

DATE	ISSUE	NO.	DATE	REVISION
08-01-2014	DOB PLAN SET			
04-21-2014	DO ISSUE			
11-18-2013	95% SD			
11-18-2013	85% DOB PLAN			

DRAWING TITLE: 7TH FLOOR FRAMING PLAN

SEAL & SIGNATURE: DATE: PROJECT NO.: 1310180  
DRAWN BY: CADD  
CHECKED BY: RK  
DOB NO.: 01015  
DRAWING NUMBER: S-070.00







JDS DEVELOPMENT GROUP  
 104 FIFTH AVENUE, 8TH FLOOR  
 NEW YORK, NY 10011  
 NY 606 635 3600



ARCHITECT  
 SHAP ARCHITECTS, P.C.  
 220 BROADWAY, 11TH FLOOR  
 NEW YORK, NY 10005  
 NY 212 609 9300

STRUCTURAL ENGINEER  
 YSFP CIVIL/CPA INCORPORATED  
 220 EAST 43RD STREET  
 NEW YORK, NY 10017  
 NY 212 697 5886

MEP ENGINEER  
 JAROS, BAIAM & BOLLER  
 40 RINE STREET, 10TH FLOOR  
 NEW YORK, NY 10005  
 NY 212 693 9333

CIVIL ENGINEER  
 AWRP ENGINEERING, P.C.  
 40 FIFTH AVE, 20TH FLOOR, 7TH FLOOR  
 NEW YORK, NY 10011  
 NY 606 388 3028

ACOUSTICS  
 LONGMAN LINDSEY  
 40 WEST 30TH STREET, 4TH FLOOR  
 NEW YORK, NY 10001  
 NY 917 339 3339

INTERIORS  
 STUDIO JENSEN  
 30 WALKER STREET  
 NEW YORK, NY 10002  
 NY 212 475 1200

MECHANICAL ENGINEER  
 BURCO HARRFIELD  
 105 SPADAWAY  
 NEW YORK, NY 10002  
 NY 212 234 2025

VERTICAL TRANSPORTATION  
 VAN DEUSEN & ASSOCIATES  
 100 WEST STREET, SUITE 200  
 LARKSPUR, NJ 07033  
 NY 973 984 8770

RESTORATION  
 JAN HRO POKORNY ASSOCIATES  
 30 WEST 37TH STREET, 11TH FLOOR, 10A  
 NEW YORK, NY 10018  
 NY 212 529 6462

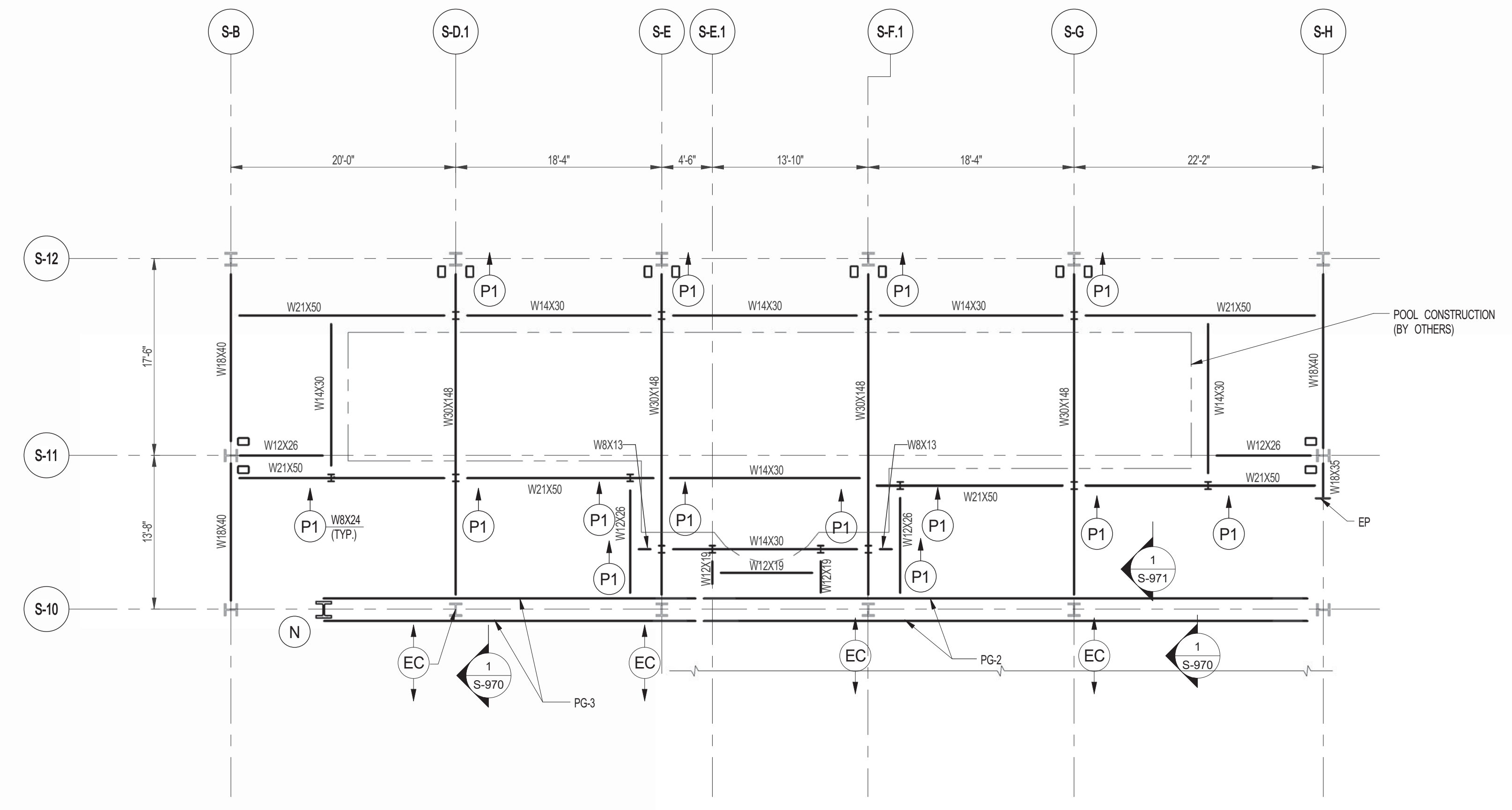
GEOTECH  
 MICE  
 205 WEST 45TH STREET, 4TH FLOOR  
 NEW YORK, NY 10036  
 NY 917 338 4900

LIGHTING  
 CONSERVATORIE INTERNATIONAL  
 105 WALKER STREET, 7TH FLOOR, EAST  
 NEW YORK, NY 10002  
 NY 212 255 4463



PROPERTY MARKETS GROUP  
 104 FIFTH AVENUE, 2ND FLOOR  
 NEW YORK, NY 10011  
 NY 212 693 9300

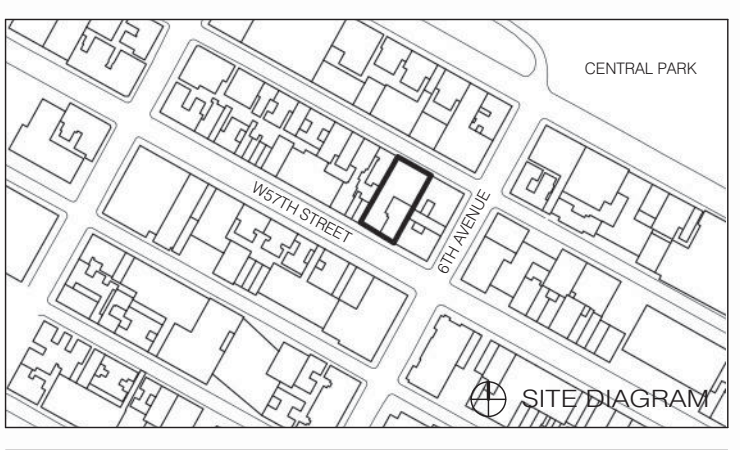
CURRENT ISSUE  
 DOB REISSUE - 10.16.14



1 POOL LOWER FRAMING PLAN  
 S471 SCALE: 1/8" = 1'-0"

**Shauqat Shaikh**  
*Shauqat Shaikh*  
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 111 WEST 57TH STREET  
 NEW YORK, NY 10019



DATE	ISSUE	NO.	DATE	REVISION
04/03/14	DOB PLNG SET			
04/23/14	DO ISSUE			
12/18/13	95% SD			
12/18/13	80% DOB PLNG			

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POOL LOWER FRAMING PLAN

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	13/01/80
	Author
	Checker
	Drawing Number

S-071.00



ARCHITECT	SHAP ARCHITECTS, P.C. 230 BROADWAY, 11TH FLOOR NEW YORK, NY 10007 TEL: 212 880 9300	STRUCTURAL ENGINEER	YUSUF CHAYAN REFORM 230 EAST 43RD STREET NEW YORK, NY 10017 TEL: 212 887 5886	MEP ENGINEER	JARVIS, SALAM & BOLLES 89 WEST STREET, 12TH FLOOR NEW YORK, NY 10005 TEL: 212 880 9300	CIVIL ENGINEER	ARIF ENGINEERING, P.C. 40 FIFTH AVE, 20TH FLOOR, 7TH FLOOR NEW YORK, NY 10011 TEL: 212 880 9300	ACOUSTICS	LONGMAN LINDSEY 4 WEST 58TH STREET, 4TH FLOOR NEW YORK, NY 10019 TEL: 917 338 3339	INTERIORS	STUDIO SCORFIELD 30 LAURETTE STREET NEW YORK, NY 10001 TEL: 212 475 3000	FAÇADE	BURKHARDT REIFOLD 105 SPENCER ST. NEW YORK, NY 10003 TEL: 212 234 2025	VERTICAL TRANSPORTATION	VAN DEUSEN & ASSOCIATES 8 WEST STREET, SUITE 2014 LARKSPEN, NJ 07033 TEL: 201 961 8700	RESTORATION	JAN HEDR FORKORNY ASSOCIATES 30 WEST 43RD STREET, 11TH FLR. 10A NEW YORK, NY 10018 TEL: 212 238 6882	GEOTECH	MIRCE 305 WEST 43RD STREET, 4TH FLOOR NEW YORK, NY 10018 TEL: 917 338 4900	LIGHTING	CONSERVATORIE INTERNATIONAL 105 WALL STREET, 7TH FLOOR EAST NEW YORK, NY 10005 TEL: 212 255 4463
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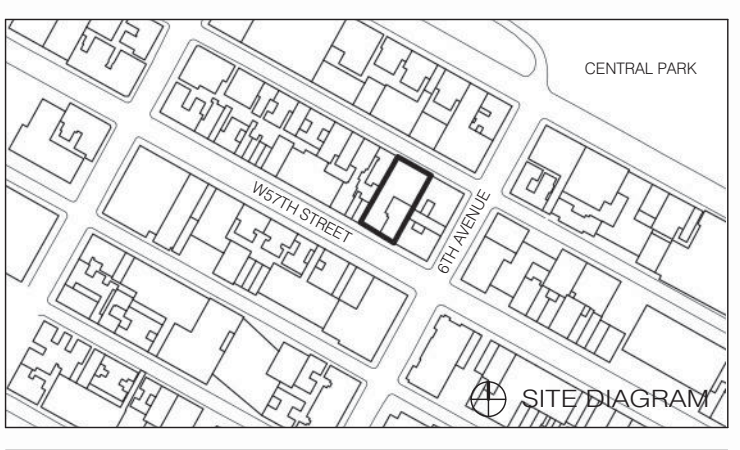


PROPERTY MARKETS GROUP  
3 EAST 17TH STREET, 2ND FLOOR  
NEW YORK, NY 10003  
TEL: 212 880 9300  
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*Shauqat Shaikh*  
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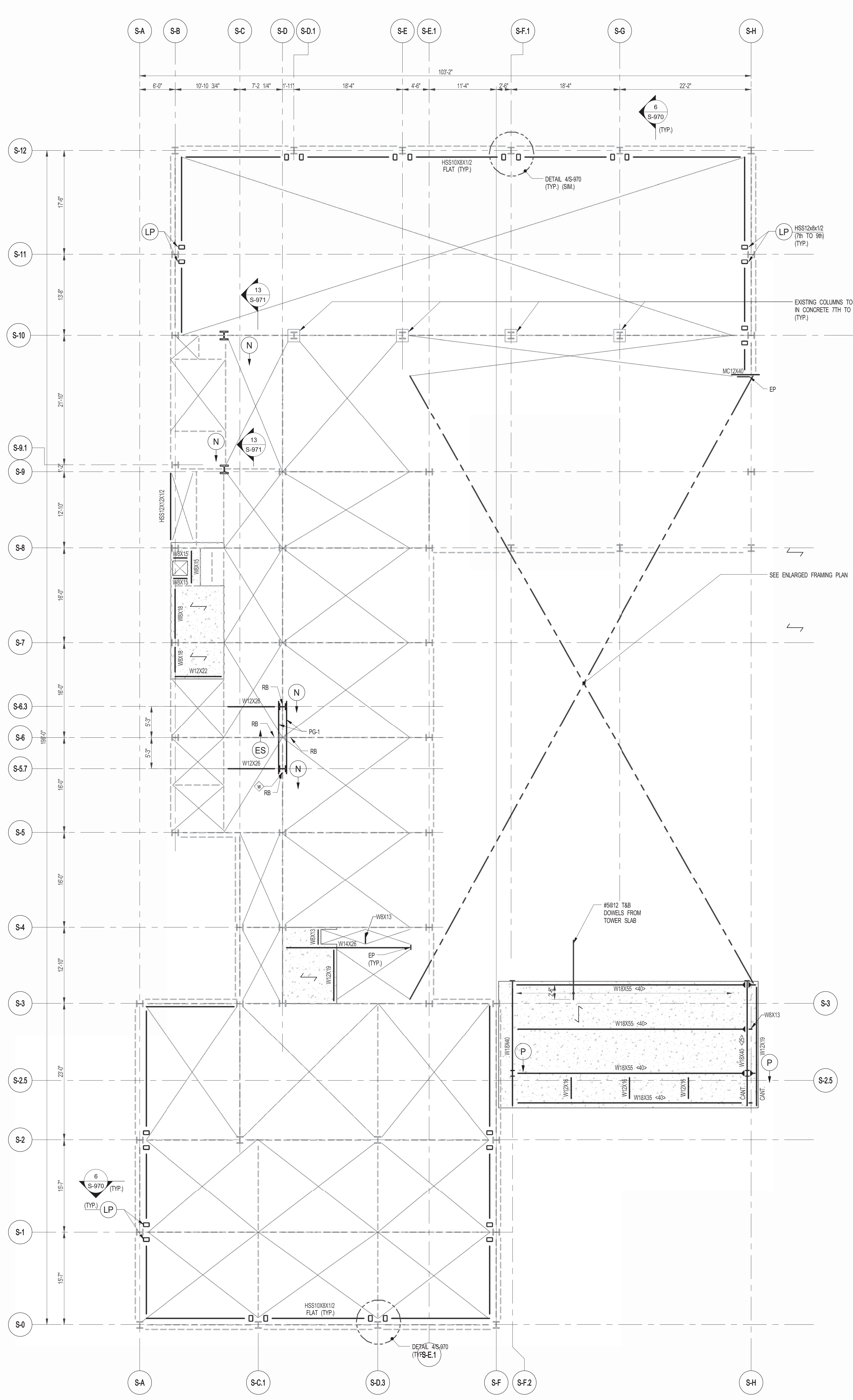
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04/18/2014	DOB ISSUE			
DATE	ISSUE	NO.	DATE	REVISION

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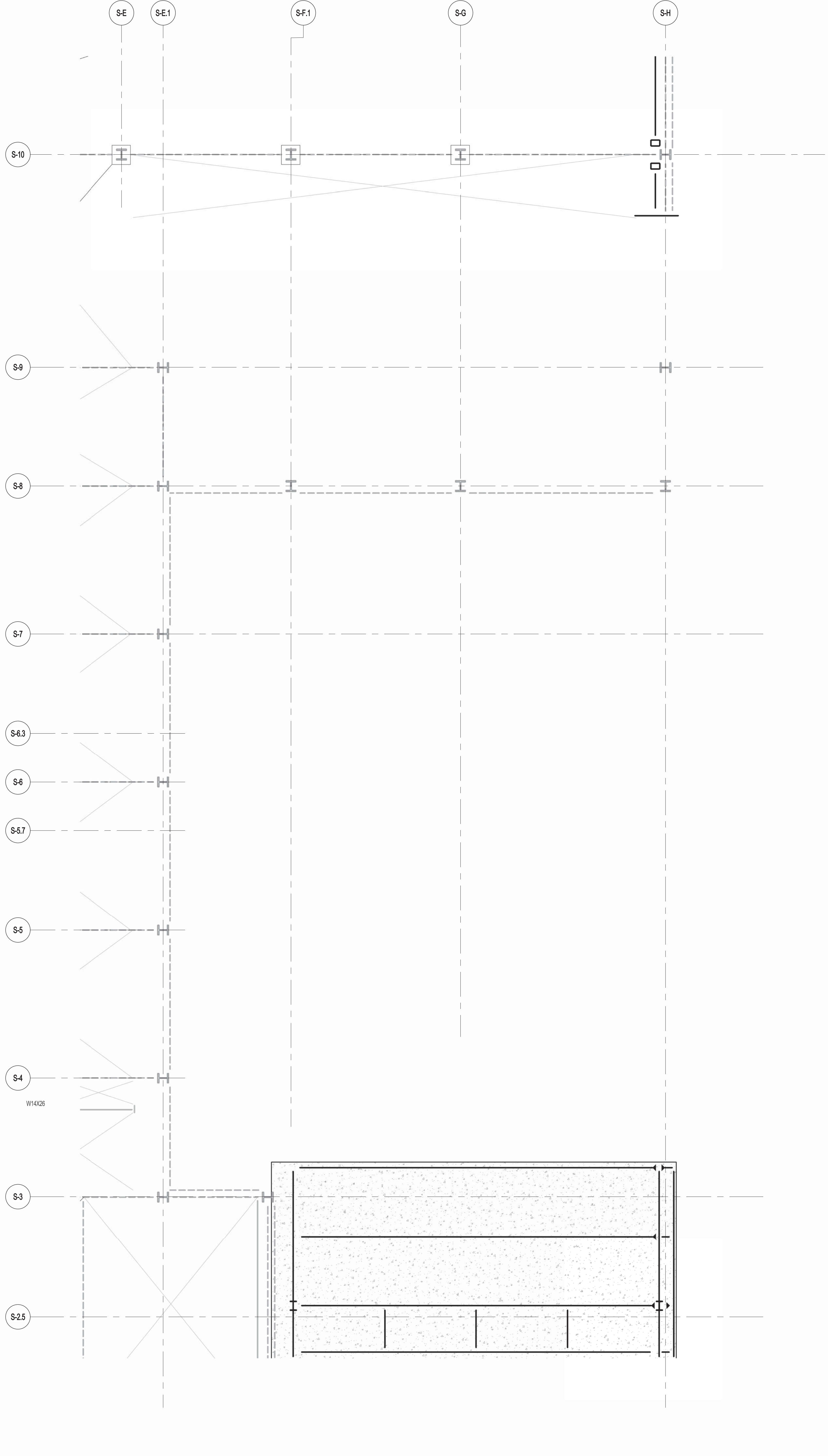
8TH FLOOR FRAMING PLAN

SEAL & SIGNATURE	DATE	PROJECT NO.	1310180
		DRAWN BY	CADD
		CHECKED BY	PK
		DOB NO.	
		DRAWING NUMBER	S-080.00



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

NOTES:  
 1. INDICATES NEW SLAB CONSTRUCTION TO BE 3 1/2" L. W. CONCRETE TOPPING f=4000 psi AT 28 DAYS MATCH EXISTING SLAB ELEVATION OVER 3" GALV. METAL DECK 18 GA (TOTAL DEPTH= 14") REIN. W/ SERVICEDUCTS W/IF. UOCL.  
 2. ELEVATION SHOWN THIS (...) INDICATES TISBEL ELEVATION ABOVE TSLAB.  
 3. FOR ADDITIONAL NOTES AND LEGEND SEE DRAWING F-001.



2 ENLARGED CONCRETE FRAMING PLAN  
SCALE: 3/16" = 1'-0"

NOTES:  
 1. TOP OF SLAB EL. SEE ARCH. DRAWINGS  
 2. SLAB THICKNESS TO BE 12" UNLESS OTHERWISE NOTED ON PLAN.  
 3. BOTTOM REINFORCEMENT TO BE #5@12" E-W, CONTINUOUS FOR 12" SLAB.  
 4. FOR BALANCE OF NOTES SEE DRAWING S-010.



ARCHITECT	SH&P ARCHITECTS, P.C. 220 BROADWAY, 11TH FLOOR NEW YORK, NY 10005 TEL: 212 880 3000	FAÇADE	BLUMHART HOFFOLD 100 BROADWAY NEW YORK, NY 10005 TEL: 212 254 2025
STRUCTURAL ENGINEER	YOSHICAWA ENGINEERING 220 EAST 47TH STREET NEW YORK, NY 10017 TEL: 212 697 5886	MECHANICAL	US ENCLINE 100 BROADWAY NEW YORK, NY 10005 TEL: 212 880 3000
MEP ENGINEER	JARVIS, BALM & BOLLES 80 WEST STREET, 12TH FLOOR NEW YORK, NY 10005 TEL: 212 880 3000	VERTICAL TRANSPORTATION	VAN DEUSEN & ASSOCIATES 80 WEST STREET, 12TH FLOOR NEW YORK, NY 10005 TEL: 212 880 3000
CIVIL ENGINEER	AKRF ENGINEERING, P.C. 40 WEST 44TH STREET, 7TH FLOOR NEW YORK, NY 10018 TEL: 212 254 2025	RESTORATION	JAN HERS FOKORNY ASSOCIATES 80 WEST 47TH STREET, 11TH FLOOR NEW YORK, NY 10019 TEL: 212 254 2025
ACOUSTICS	LONGMAN LINDSEY 40 WEST 47TH STREET, 4TH FLOOR NEW YORK, NY 10019 TEL: 212 254 2025	GEOTECH	MTC 100 WEST 47TH STREET, 4TH FLOOR NEW YORK, NY 10019 TEL: 212 254 2025
INTERIORS	STUDIOS FIELD 300 LAURETT STREET NEW YORK, NY 10011 TEL: 212 475 3000	LIGHTING	CONSERVATORIE INTERNATIONAL 100 WALKER STREET, 7TH FLOOR EAST NEW YORK, NY 10002 TEL: 212 254 2025



PROPERTY MARKETS GROUP  
100 WEST 47TH STREET, 2ND FLOOR  
NEW YORK, NY 10019  
TEL: 212 880 3000  
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*Shauqat Shaikh*  
**Buildings**

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NEW YORK, NY 10019



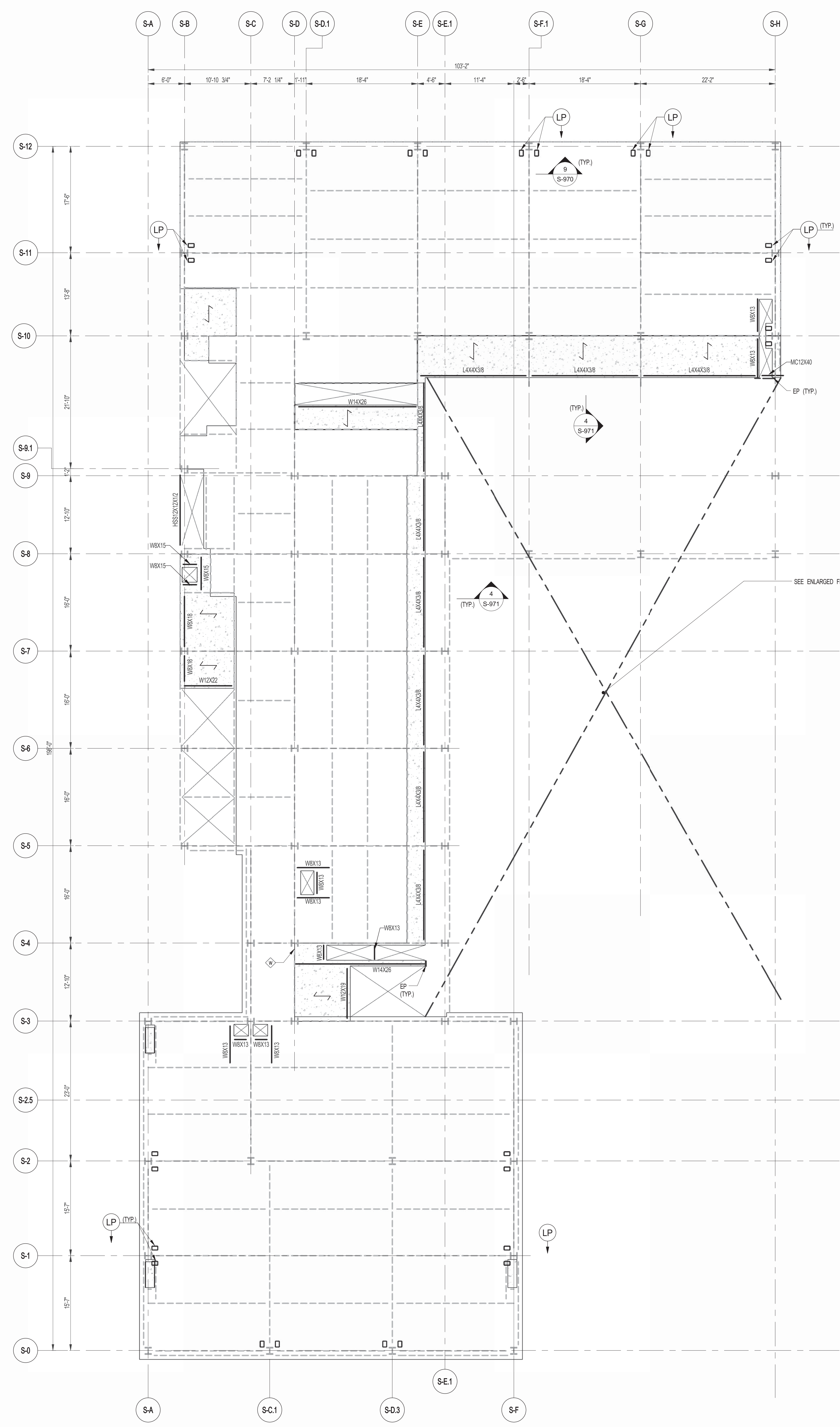
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04/21/2014	DO ISSUE			
12/18/2013	95% SD			
12/18/2013	80% DOB PLANS			

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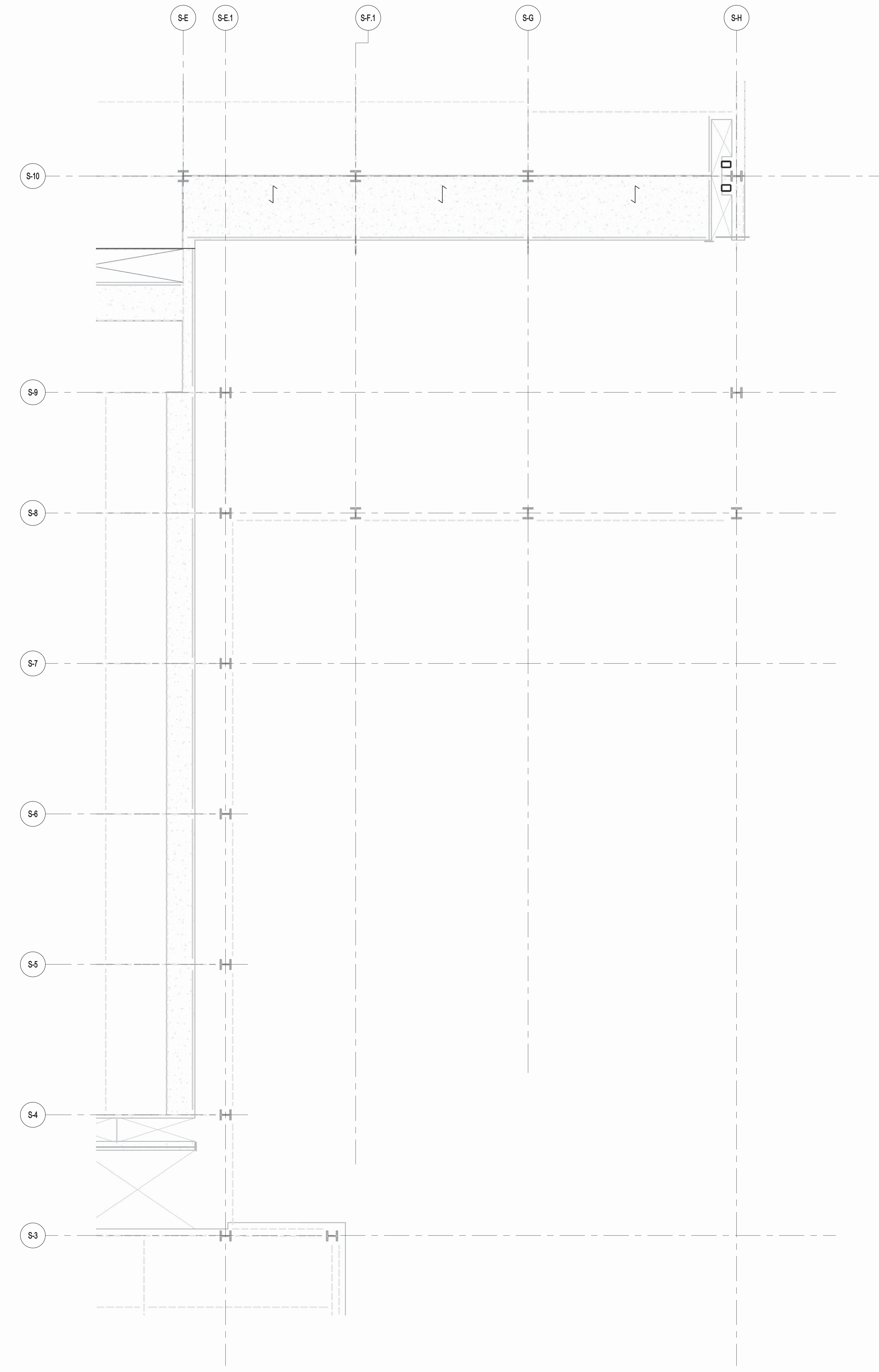
DRAWING TITLE  
**9TH FLOOR FRAMING PLAN**

SEAL & SIGNATURE	DATE	PROJECT NO.	1310180
		DRAWN BY	CADD
		CHECKED BY	PK
		DOB NO.	
		DRAWING NUMBER	
			<b>S-090.00</b>



**1 9TH FLOOR FRAMING PLAN**  
SCALE: 1/8" = 1'-0"

- NOTES
- INDICATES NEW SLAB CONSTRUCTION TO BE 3 1/4" L. VIT. CONCRETE TOPPING f=4000 psi AT 28 DAYS (MATCH EXISTING SLAB ELEVATION OVER 3" GALV. METAL DECK 18 GA (TOTAL DEPTH=6 1/4") RENF. W/ 6#4@20" O.C. W/W/ 1/2" O.C.
  - ELEVATION SHOWN THIS (-) INDICATES T/STEEL ELEVATION ABOVE T/SLAB.
  - FOR ADDITIONAL NOTES AND LEGEND SEE DRAWING F-001.



**2 ENLARGED CONCRETE FRAMING PLAN**  
SCALE: 3/16" = 1'-0"

- NOTES
- TOP OF SLAB EL. SEE ARCH. DRAWINGS.
  - SLAB THICKNESS TO BE 12" U.O.N. THIS [ ] ON PLAN.
  - BOTTOM REINFORCEMENT TO BE: 4#8@12" E.W. CONTINUOUS FOR 12" SLAB 4#8@12" E.W. CONTINUOUS FOR 8" SLAB.
  - FOR BALANCE OF NOTES SEE DRAWING S-010.



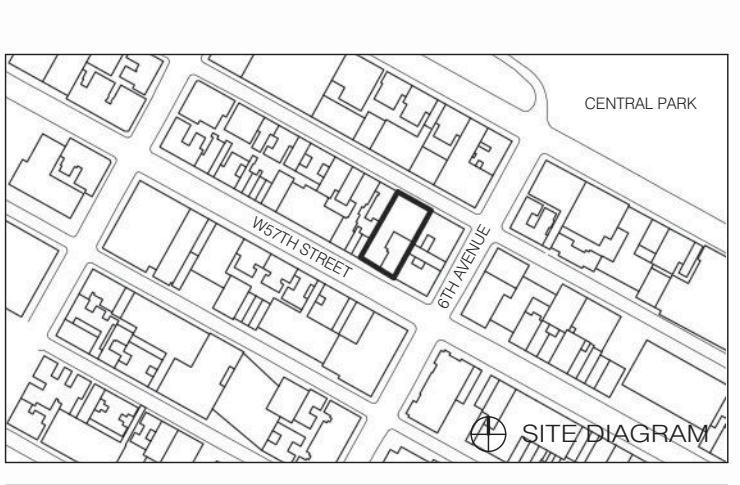


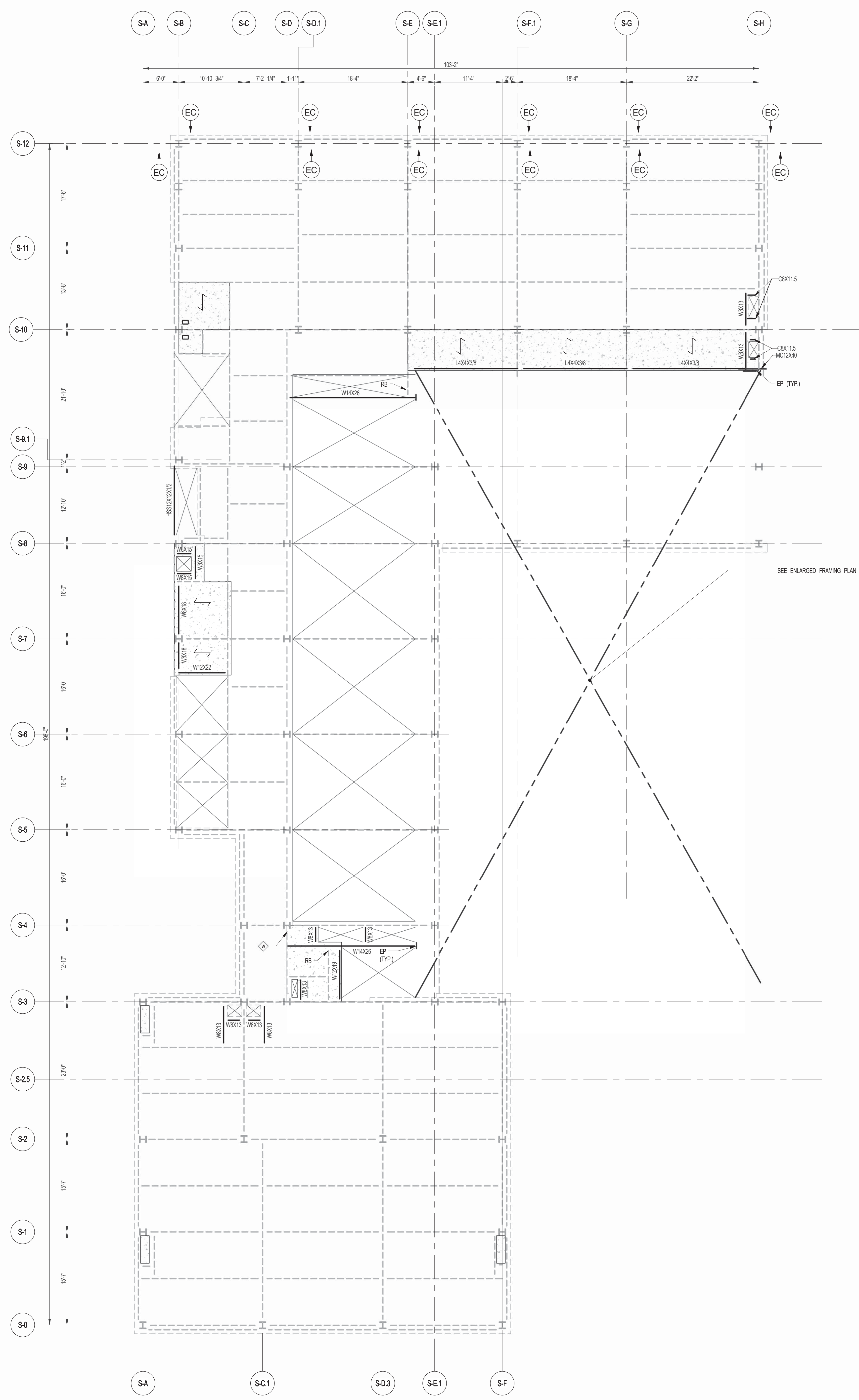
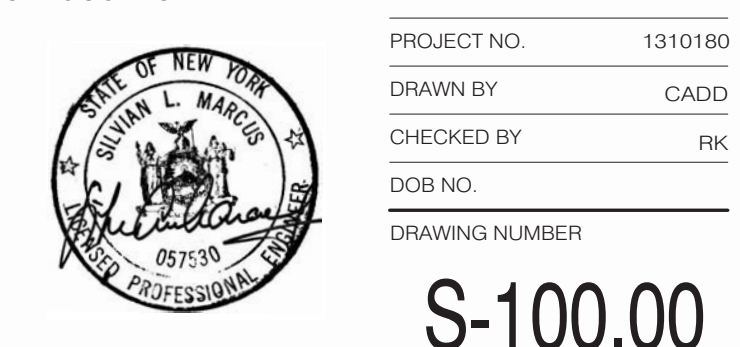
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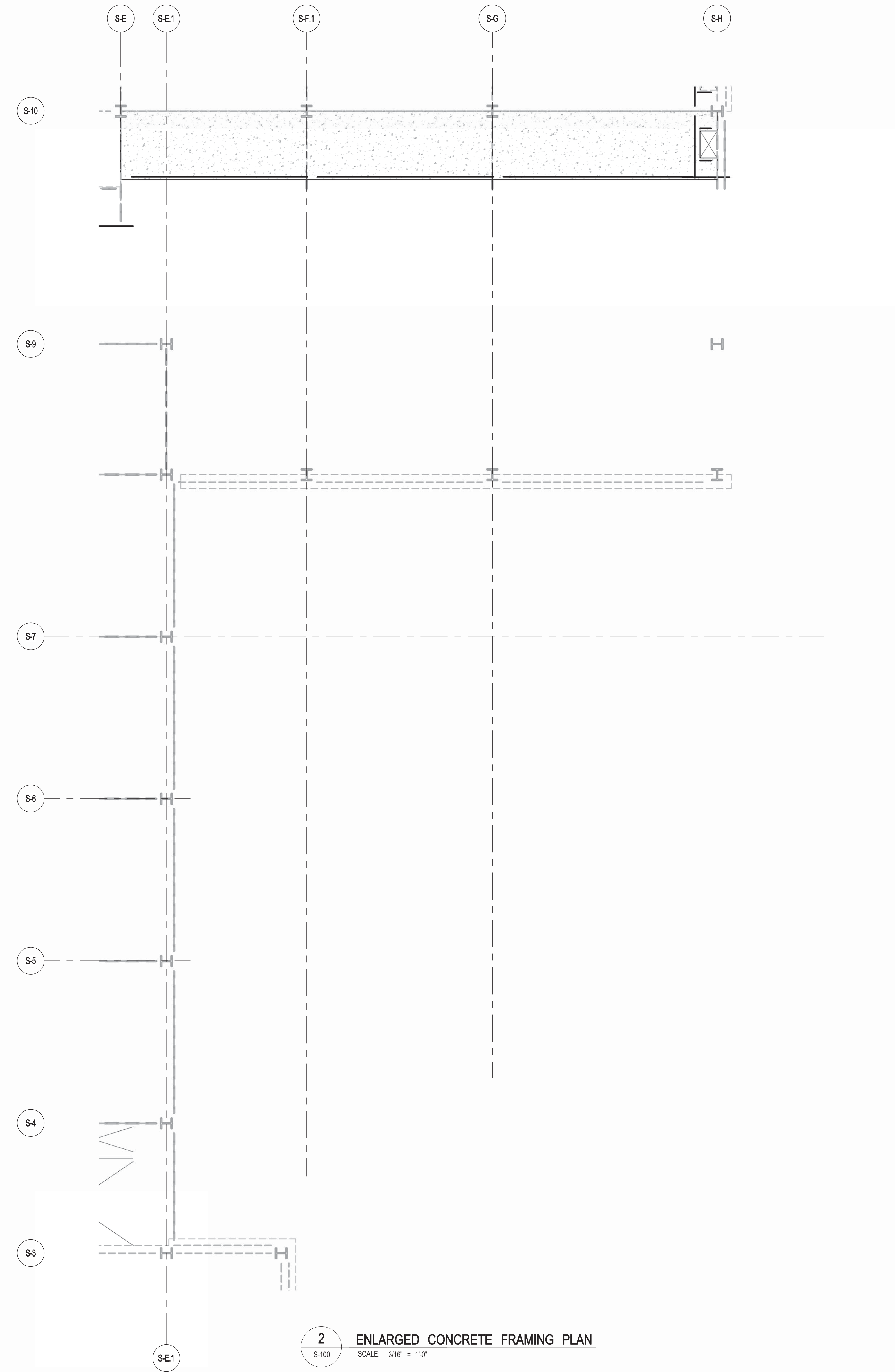
DRAWING TITLE  
10TH FLOOR FRAMING PLAN

SEAL & SIGNATURE DATE PROJECT NO. 1310180  
DRAWN BY CAD  
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DOB NO.  
DRAWING NUMBER



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

- NOTES:
1. INDICATES NEW SLAB CONSTRUCTION TO BE 3" 1/4" L INT. CONCRETE TOPPING FOR 4000 psi AT 28 DAYS (MATCH EXISTING SLAB ELEVATION OVER 3" GALV. METAL DECK 18 GA (TOTAL DEPTH= 14") REIN. W/ 6# REINFORCING W/ 1/2" U.O.N.
2. ELEVATION SHOWN THIS (-) INDICATES TRS TEL. ELEVATION ABOVE T.S.L.A.B.
3. FOR ADDITIONAL NOTES AND LEGEND SEE DRAWING F-001.



2 ENLARGED CONCRETE FRAMING PLAN  
SCALE: 3/16" = 1'-0"

- NOTES:
1. TOP OF SLAB EL. SEE ARCH. DRAWINGS.
2. SLAB THICKNESS TO BE 12" U.O.N. THIS ON PLAN.
3. BOTTOM REINFORCEMENT TO BE #6@12" E-W CONTINUOUS FOR 12" SLAB #6@12" E-W CONTINUOUS FOR 8" SLAB.
4. FOR BALANCE OF NOTES SEE DRAWING S-010.









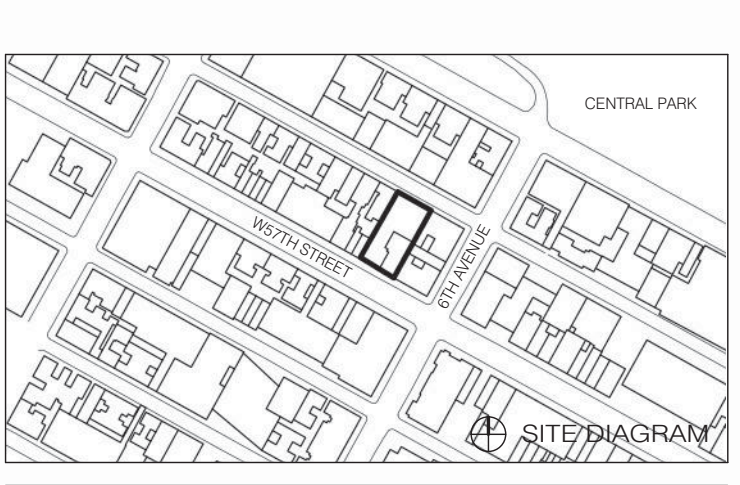
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04/1/2014	DO ISSUE			

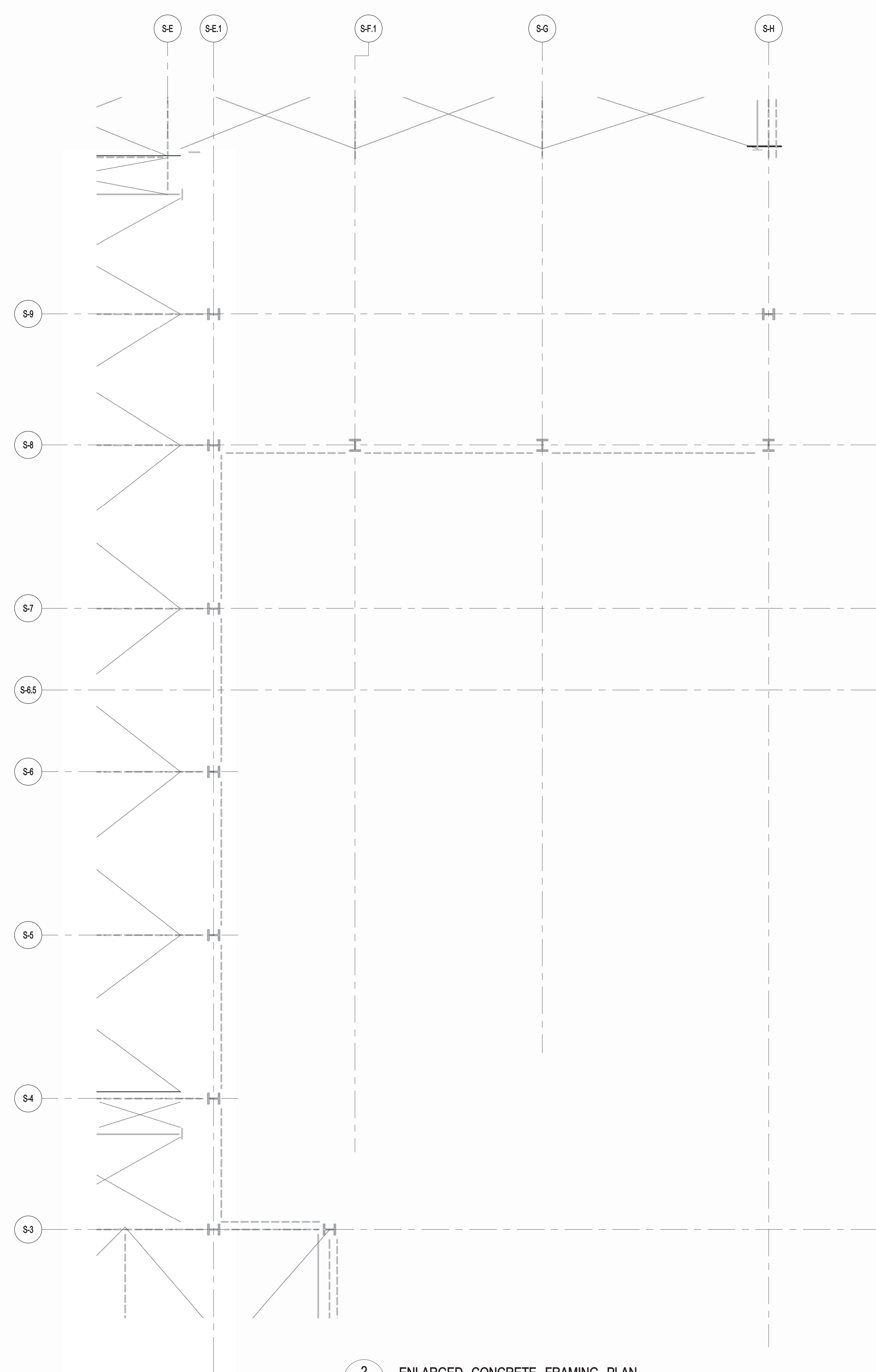
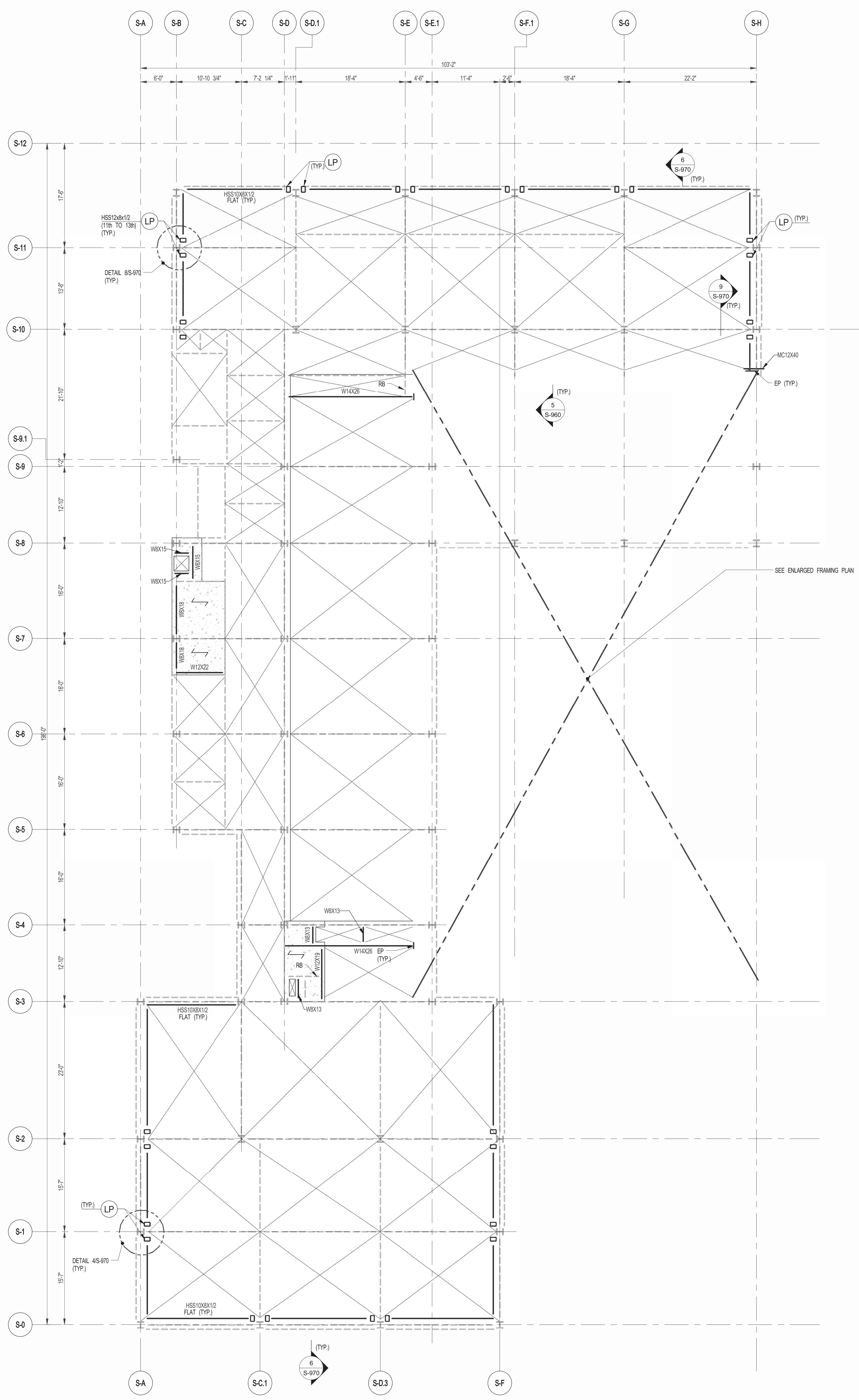
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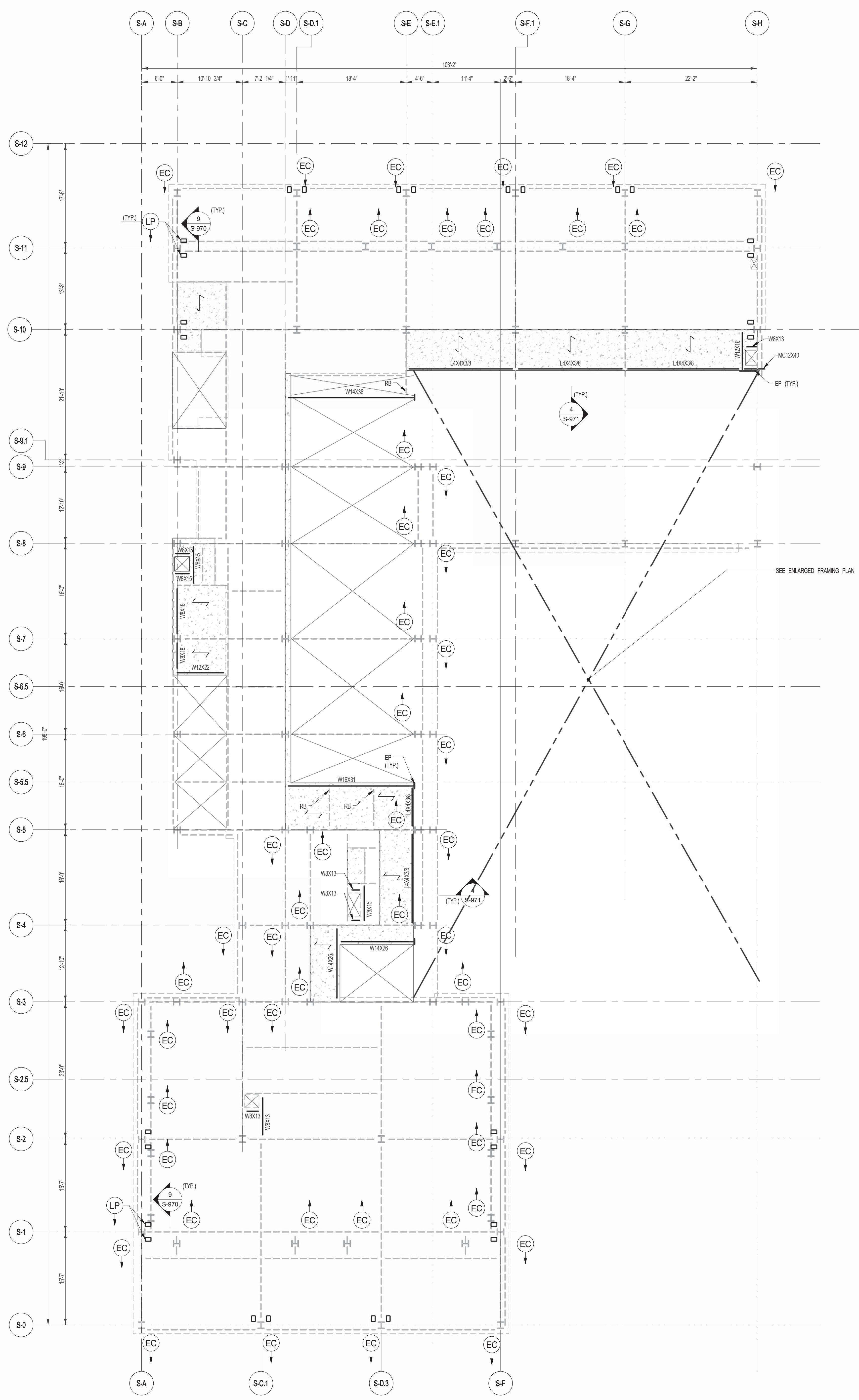
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12TH FLOOR FRAMING PLAN

SEAL & SIGNATURE: [Signature]  
DATE: 1/13/15  
PROJECT NO.: 1310180  
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CHECKED BY: RK  
DOB NO.: 21075  
DRAWING NUMBER: S-120.00

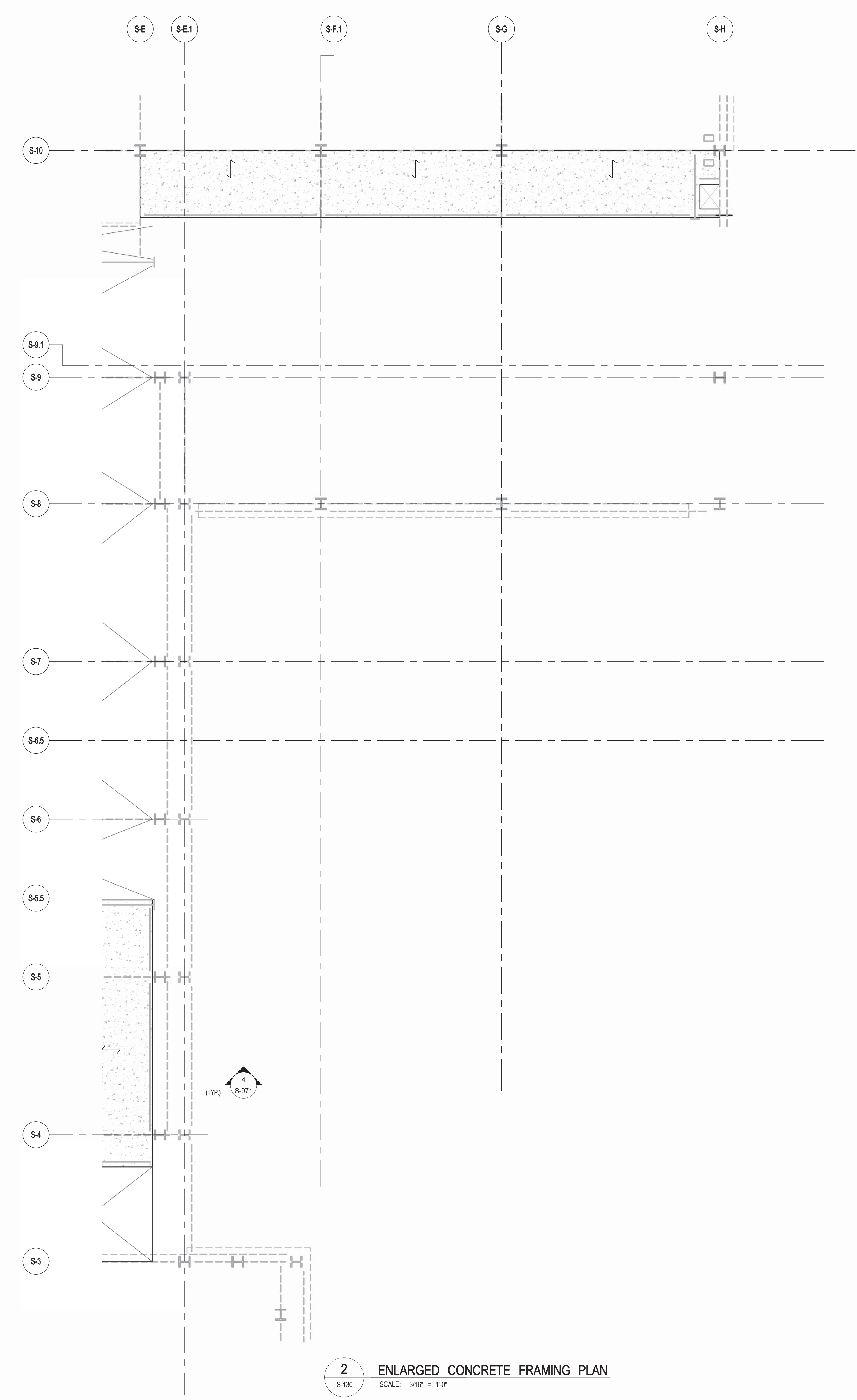






**1** 13TH FLOOR FRAMING PLAN  
S-130 SCALE: 1/8" = 1'-0"

**NOTES:**  
 1. INDICATES NEW SLAB CONSTRUCTION TO BE 3 1/2" L. W. CONCRETE TOPPING F=4000 psi AT 28 DAYS MATCH EXISTING SLAB ELEVATION OVER 3" GALV. METAL DECK 15 GA (TOTAL DEPTH= 14") REINF. W/ #4@18" O.C. W/ #11@12" O.C.  
 2. ELEVATION SHOWN THIS (...) INDICATES TIE STEEL ELEVATION ABOVE TSLAB.  
 3. FOR ADDITIONAL NOTES AND LEGEND SEE DRAWING FO-01.



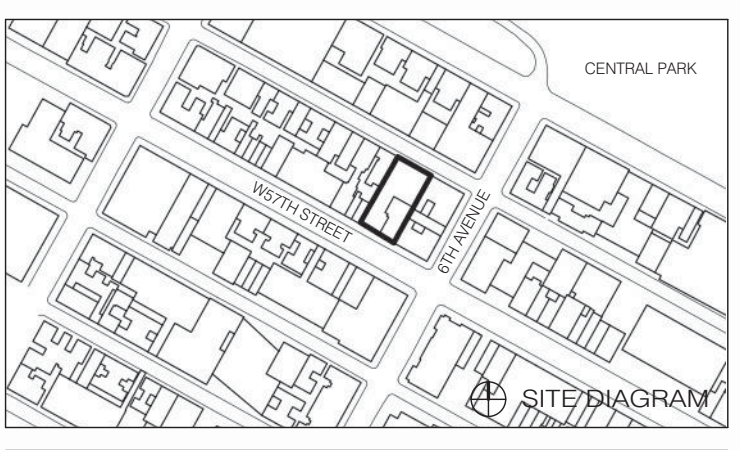
**2** ENLARGED CONCRETE FRAMING PLAN  
S-130 SCALE: 3/16" = 1'-0"

ARCHITECT	SHAP ARCHITECTS, P.C. 230 BROADWAY, 11TH FLOOR NEW YORK, NY 10005 TEL: 212 880 9900	FAÇADE	SHAP ARCHITECTS, P.C. 230 BROADWAY, 11TH FLOOR NEW YORK, NY 10005 TEL: 212 880 9900
STRUCTURAL ENGINEER	YUSEF CHAIKIN ENGINEERING 230 EAST 47TH STREET NEW YORK, NY 10017 TEL: 212 697 5886	MECHANICAL	SHAP ARCHITECTS, P.C. 230 BROADWAY, 11TH FLOOR NEW YORK, NY 10005 TEL: 212 880 9900
MEP ENGINEER	JORDIS, BAUM & BOLLER 80 WEST STREET, 12TH FLOOR NEW YORK, NY 10005 TEL: 212 880 9900	VERTICAL TRANSPORTATION	VAN DEUSEN & ASSOCIATES 80 WEST STREET, 12TH FLOOR NEW YORK, NY 10005 TEL: 212 880 9900
CIVIL ENGINEER	AWRIF ENGINEERING, P.C. 40 WEST 44TH STREET, 7TH FLOOR NEW YORK, NY 10018 TEL: 212 880 9900	RESTORATION	JAN HERS FOKORNY ASSOCIATES 40 WEST 44TH STREET, 7TH FLOOR NEW YORK, NY 10018 TEL: 212 880 9900
ACOUSTICS	LONGMAN LINDSEY 40 WEST 44TH STREET, 4TH FLOOR NEW YORK, NY 10018 TEL: 212 880 9900	GEOTECH	GEOTECH 40 WEST 44TH STREET, 4TH FLOOR NEW YORK, NY 10018 TEL: 212 880 9900
INTERIORS	STUDIOS JENSEN 300 WASHINGTON STREET NEW YORK, NY 10013 TEL: 212 880 9900	LIGHTING	CONSERVATORIE INTERNATIONAL 105 WALKER STREET, 7TH FLOOR EAST NEW YORK, NY 10002 TEL: 212 880 9900



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Buildings  
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NEW YORK, NY 10019



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12/18/2013	95% SD			
12/18/2013	80% DOB PLANS			

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**13TH FLOOR FRAMING PLAN**

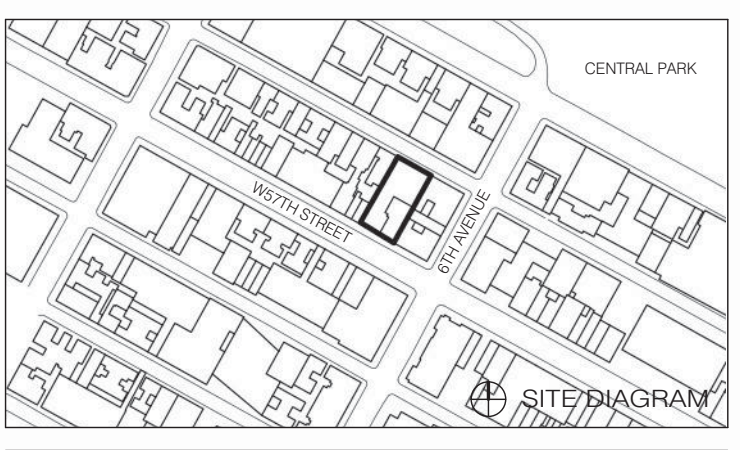
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		DOB NO.	
		DRAWING NUMBER	S-130.00





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NEW YORK, NY 10019



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04/1/2014	DO ISSUE			

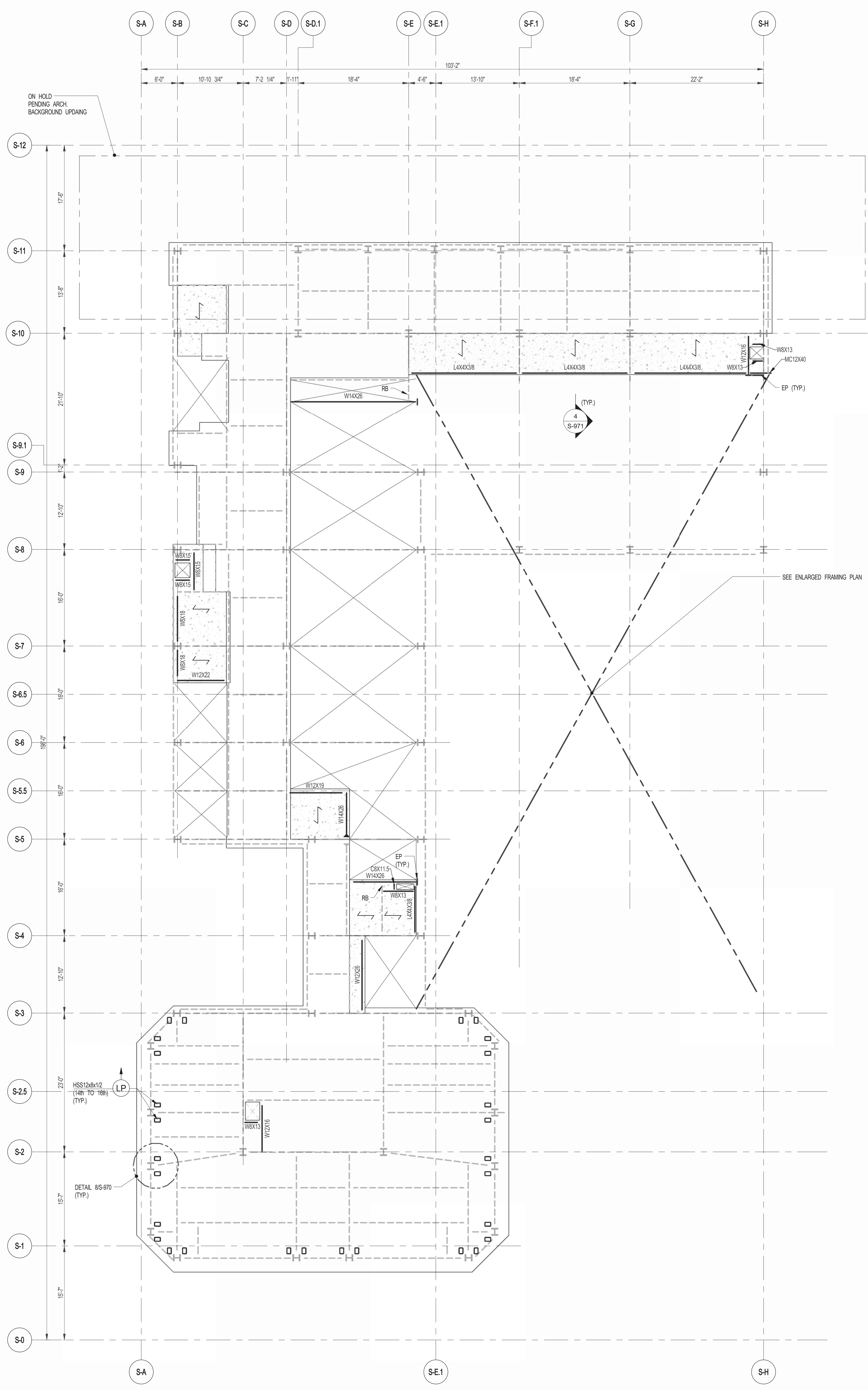
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DRAWING TITLE  
14TH FLOOR FRAMING PLAN

SEAL & SIGNATURE

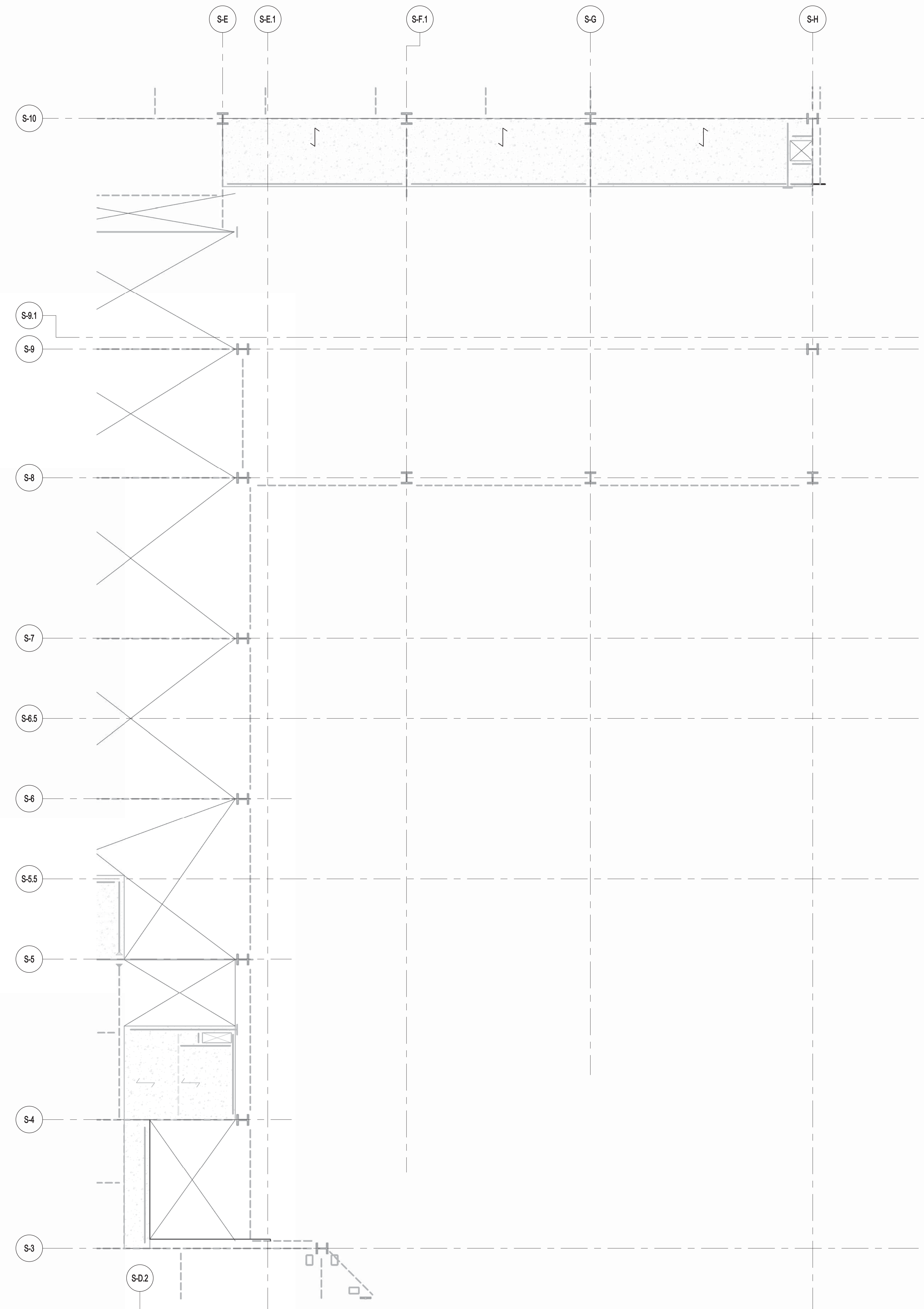
DATE	PROJECT NO.	1310180
	DRAWN BY	CADD
	CHECKED BY	PK
	DOB NO.	
	DRAWING NUMBER	

S-140.00



1 14TH FLOOR FRAMING PLAN  
SCALE: 1/8" = 1'-0"

- NOTES
- INDICATES NEW SLAB CONSTRUCTION TO BE 3 1/4" L.W.T. CONCRETE TOPPING (f=4000 psi AT 28 DAYS MATCH EXISTING SLAB ELEVATION OVER 2" GALV. METAL DECK 18 GA. (TOTAL DEPTH=6 1/4") REIN. W/ 5/16" SPACES W/W/6" U/CAN.
  - ELEVATION SHOWN THIS (---) INDICATES T/STEEL ELEVATION ABOVE T/SLAB.
  - FOR ADDITIONAL NOTES AND LEGEND SEE DRAWING F0401.

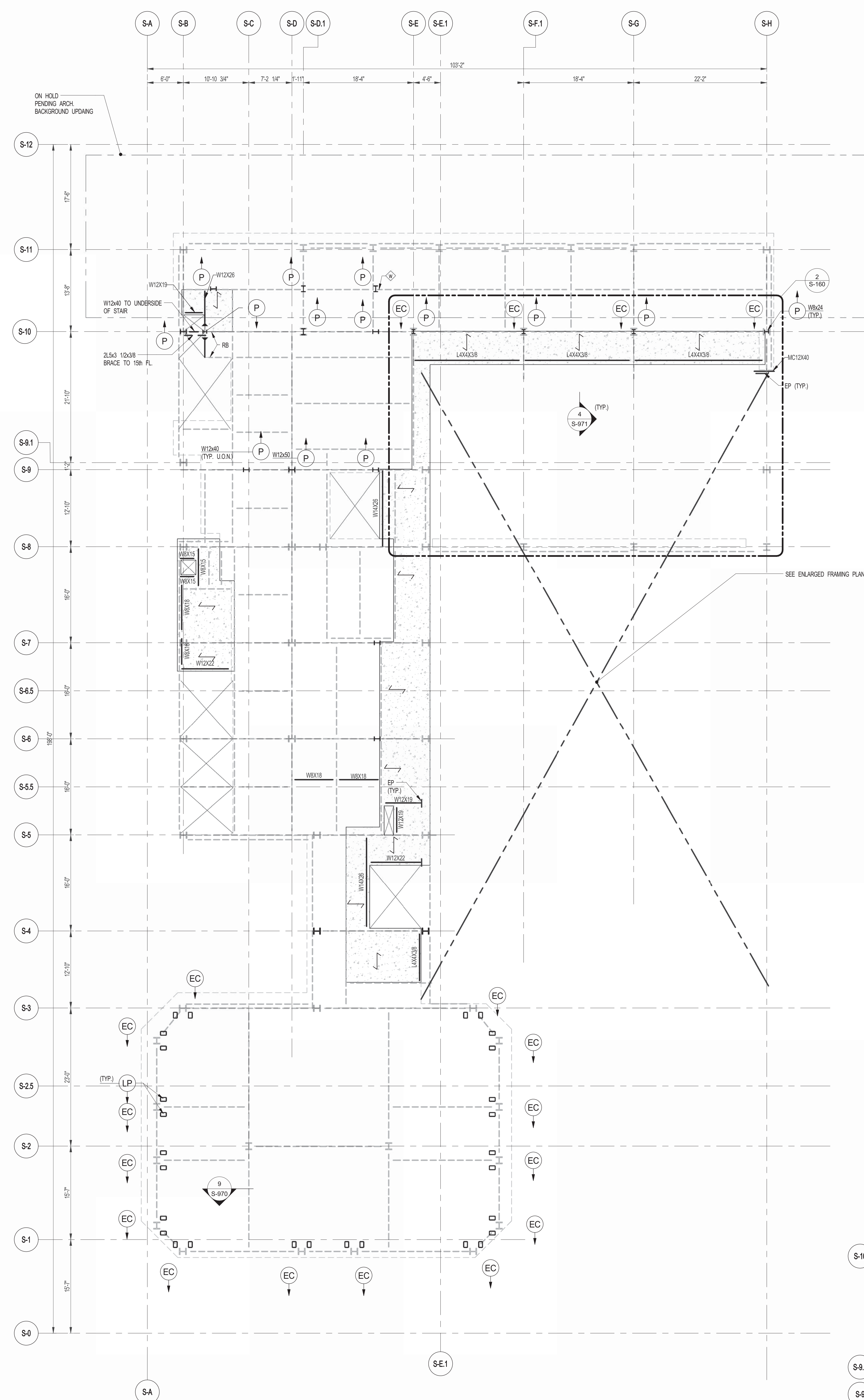


2 ENLARGED CONCRETE FRAMING PLAN  
SCALE: 3/16" = 1'-0"



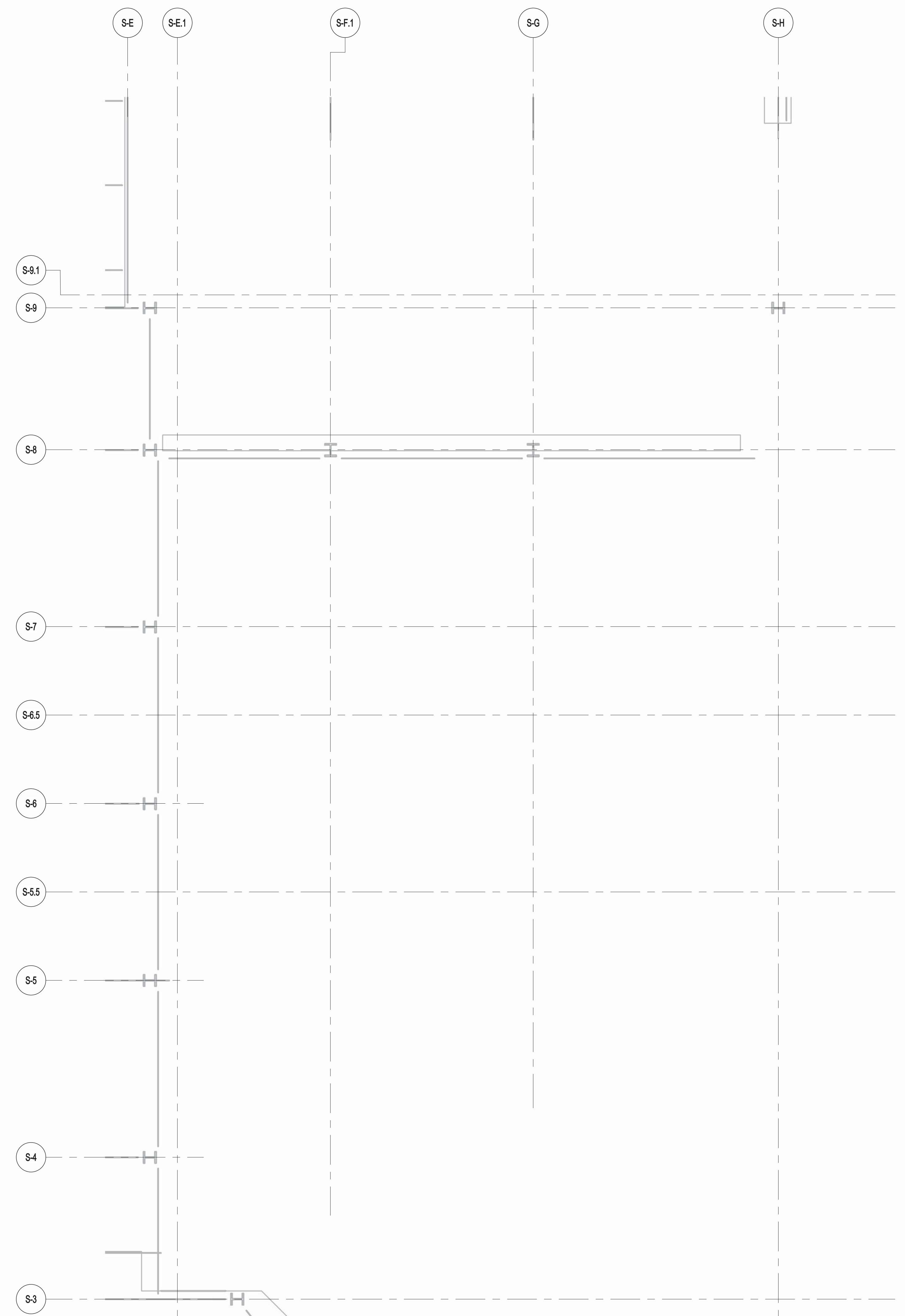






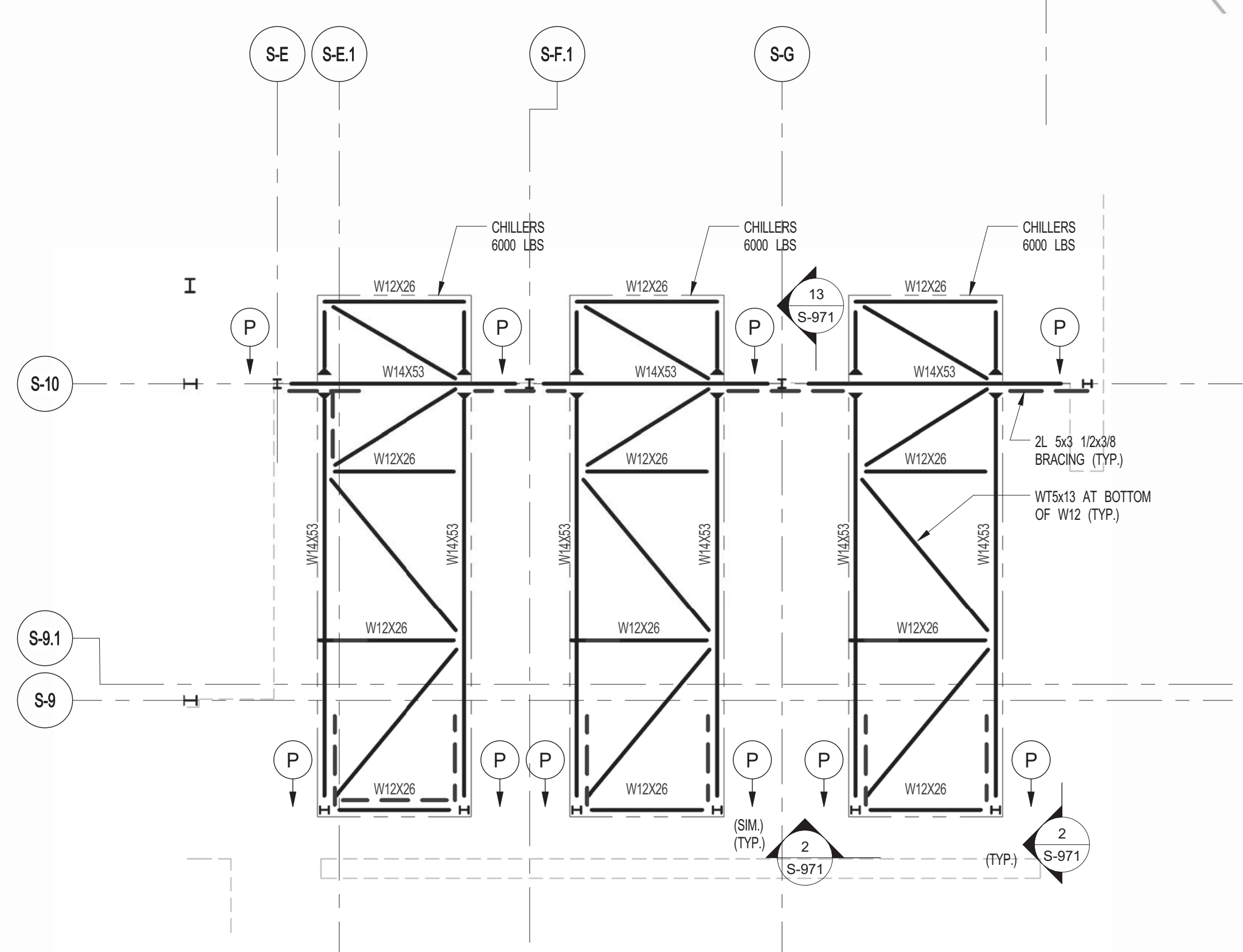
**1 16TH FLOOR FRAMING PLAN**  
S-160 SCALE: 1/8" = 1'-0"

**NOTES**  
 1. INDICATES NEW SLAB CONSTRUCTION TO BE 3" MIN. L. INT. CONCRETE TOPPING (f=4000) psi AT 28 DAYS MATCH EXISTING SLAB ELEVATION OVER 3" GALV. METAL DECK 18 GA (TOTAL DEPTH= 14") REINF. W/ #6@18" O.C. W/ 1/2" L. UCL.  
 2. ELEVATION SHOWN THUS (.....) INDICATES TIE STEEL ELEVATION ABOVE TISLAB.  
 3. FOR ADDITIONAL NOTES AND LEGEND SEE DRAWING FO-01.



**3 ENLARGED CONCRETE FRAMING PLAN**  
S-160 SCALE: 3/16" = 1'-0"

**NOTES**  
 1. TOP OF SLAB EL. SEE ARCH. DRAWINGS.  
 2. SLAB THICKNESS TO BE 12" UCL. THIS (.....) ON PLAN.  
 3. BOTTOM REINFORCEMENT TO BE #5@12" E-W. CONTINUOUS FOR 12" SLAB.  
 4. FOR BALANCE OF NOTES SEE DRAWING S-01.



**2 16TH FLOOR DUNNAGE FRAMING PLAN**  
S-160 SCALE: 1/8" = 1'-0"

**NOTES**  
 1. (P) INDICATES W8x4  
 2. ALL STEEL TO BE H.D. GALVANIZED  
 3. FOR ADDITIONAL NOTES AND LEGEND SEE DRAWING FO-01



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**sh p**

<b>ARCHITECT</b> SHAP ARCHITECTS, P.C. 230 BROADWAY, 11TH FLOOR NEW YORK, NY 10005 TEL: 212.850.3600	<b>STRUCTURAL ENGINEER</b> YUSUF CAHAYI ENGINEERING 230 EAST 43RD STREET NEW YORK, NY 10017 TEL: 212.850.3600	<b>MEP ENGINEER</b> JAMES BAUM & BOLLER 80 WEST STREET, 12TH FLOOR NEW YORK, NY 10005 TEL: 212.850.3600	<b>CIVIL ENGINEER</b> AKRIF ENGINEERING, P.C. 40 WEST 44TH STREET, 7TH FLOOR NEW YORK, NY 10018 TEL: 212.850.3600	<b>ACOUSTICIAN</b> LONGMAN LINDSEY 40 WEST 44TH STREET, 4TH FLOOR NEW YORK, NY 10018 TEL: 212.850.3600	<b>INTERIORS</b> STUDIO SCHEFFEL 300 LAURETTTE STREET NEW YORK, NY 10001 TEL: 212.850.3600	<b>FAÇADE</b> BURROUGHS WAREFIELD 100 BROADWAY NEW YORK, NY 10005 TEL: 212.850.3600	<b>VERTICAL TRANSPORTATION</b> VAN DEUSEN & ASSOCIATES 8 WEST STREET, SUITE 200 LARKSPER, NJ 07033 TEL: 212.850.3600	<b>RESTORATION</b> JAN HROFOKORNY ASSOCIATES 30 WEST 44TH STREET, 11TH FLOOR NEW YORK, NY 10018 TEL: 212.850.3600	<b>GEOTECH</b> MTC 300 WEST 44TH STREET, 4TH FLOOR NEW YORK, NY 10018 TEL: 212.850.3600	<b>LIGHTING</b> CONSERVATORIE INTERNATIONAL 100 WALL STREET, 7TH FLOOR EAST NEW YORK, NY 10005 TEL: 212.850.3600
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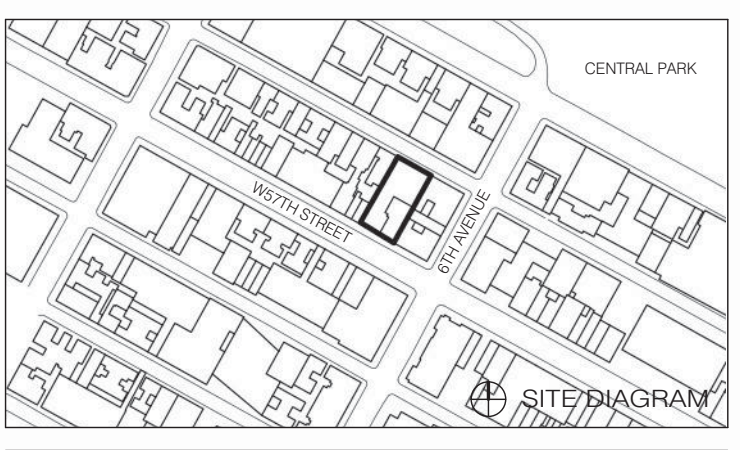


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05/14/2014	DOB PLNG SET			
04/21/2014	DO ISSUE			
11/18/2013	ISS. SD			
11/18/2013	SD DOB PLNG			
DATE	ISSUE	NO.	DATE	REVISION

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16TH FLOOR FRAMING PLAN

SEAL & SIGNATURE  
 DATE  
 PROJECT NO. 1310180  
 DRAWN BY CAD  
 CHECKED BY RK  
 DOB NO.  
 DRAWING NUMBER

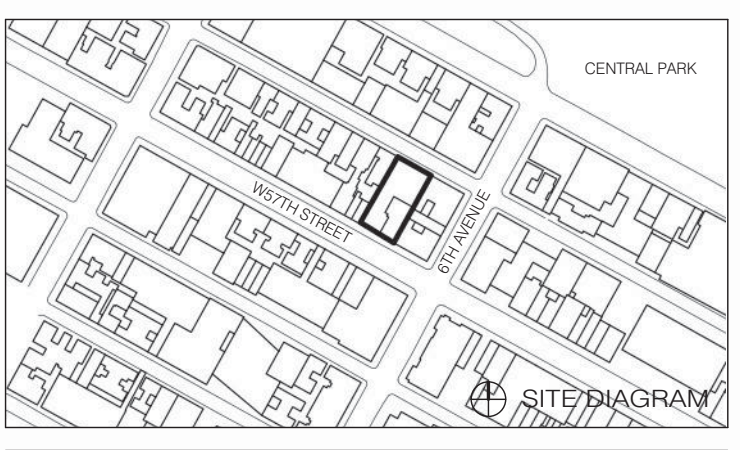


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Revision table with columns: DATE, ISSUE, NO., DATE, REVISION.

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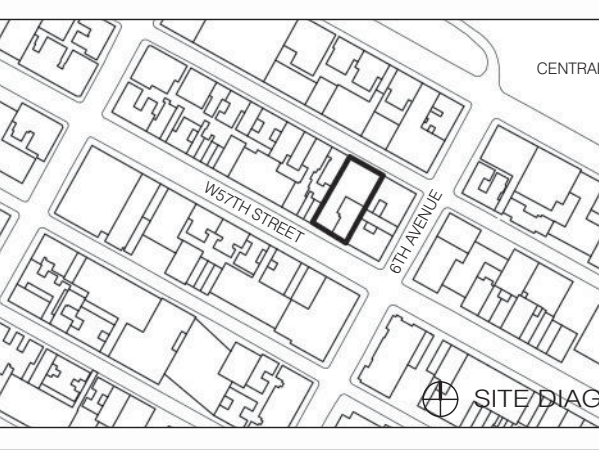
DRAWING TITLE  
17TH FLOOR FRAMING PLAN

Seal and signature table with columns: SEAL & SIGNATURE, DATE, PROJECT NO., DRAWN BY, CHECKED BY, DATE, DRAWING NUMBER.

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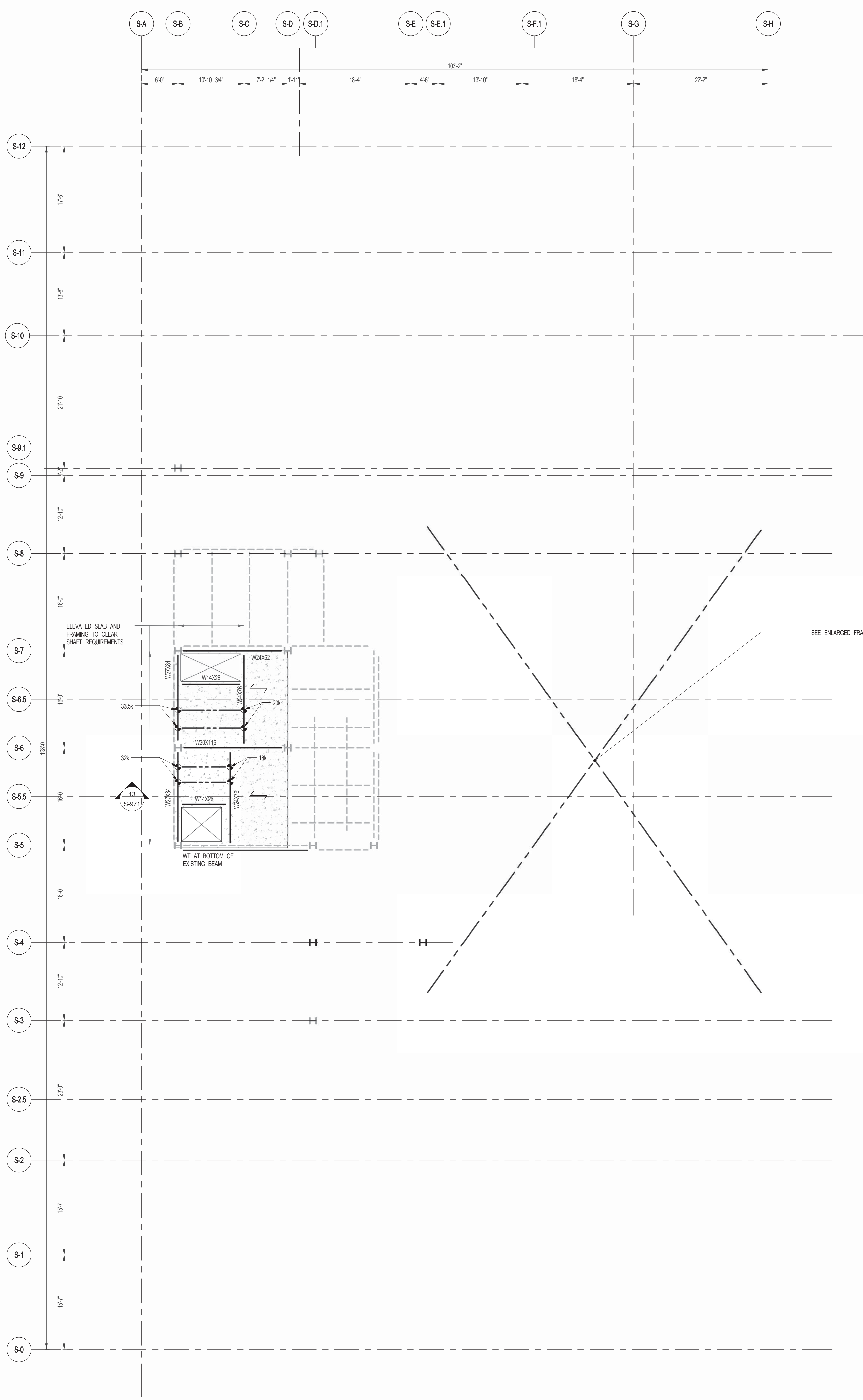


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04/19/2014	DOB REISSUE			

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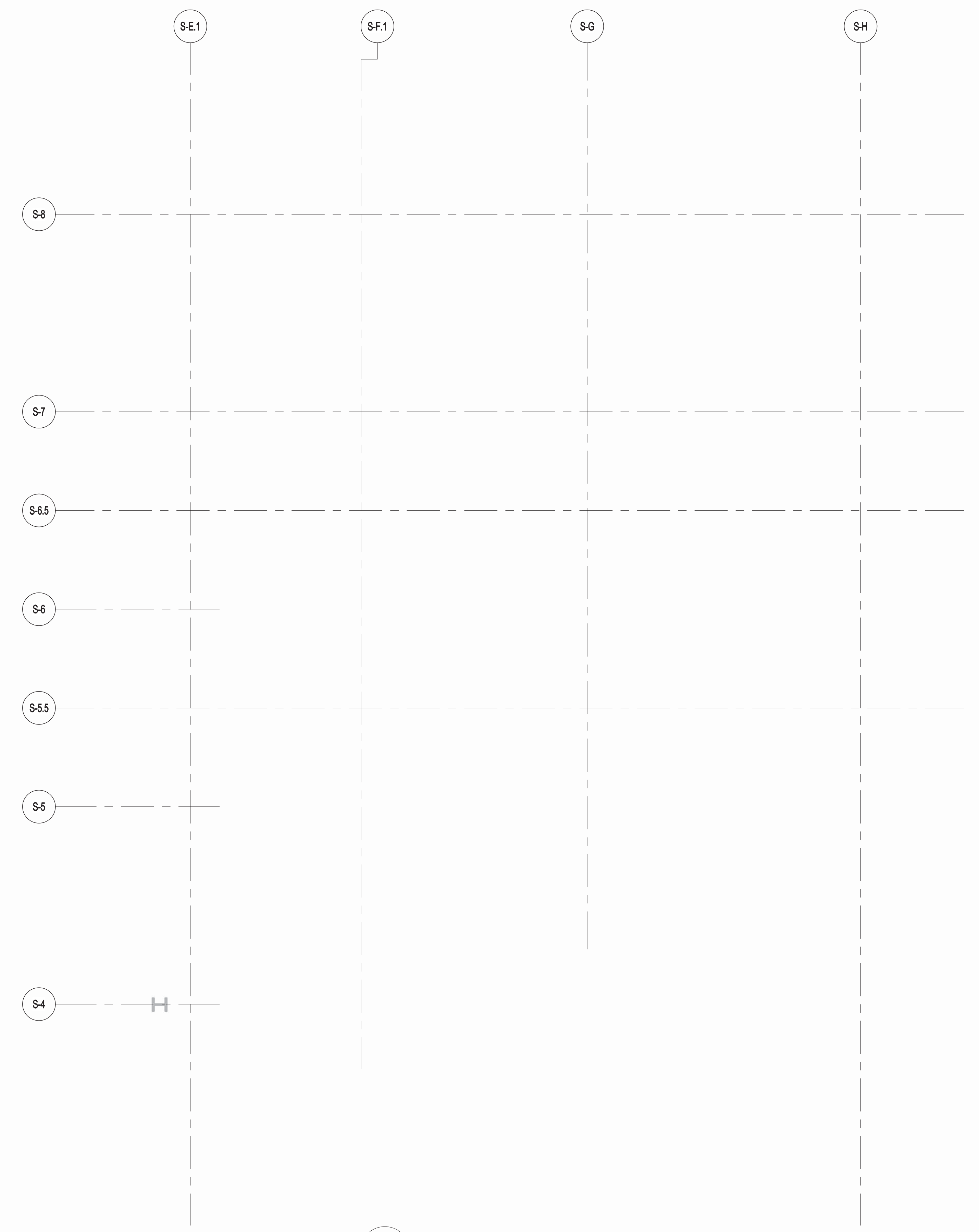
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	1/3/10/18
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DRAWN BY	CADD
CHECKED BY	PK
DOB NO.	01015
DRAWING NUMBER	S-180.00



1 18TH FLOOR FRAMING PLAN  
SCALE: 1/8" = 1'-0"

- NOTES:
- INDICATES NEW SLAB CONSTRUCTION TO BE 3" L.W.T. CONCRETE TOPPING FO-000. 28 AT 28 DAYS (MATCH EXISTING SLAB ELEVATION OVER 2" G.W. METAL DECK). IS GA. TOTAL DEPTH: 4"1" REIN. W/ 6#X26W/23 W.W.F. U.O.N.
  - ELEVATION SHOWN THIS (---) INDICATES TISEL. ELEVATION ABOVE TSLAB.
  - FOR ADDITIONAL NOTES AND LEGEND SEE DRAWING FO-001.



2 ENLARGED CONCRETE FRAMING PLAN  
SCALE: 3/16" = 1'-0"

- NOTES:
- TOP OF SLAB EL. SEE ARCH. DRAWINGS.
  - SLAB THICKNESS TO BE 12" U.O.N. THIS (---) ON PLAN.
  - BOTTOM REINFORCEMENT TO BE: #8@12" E.W. CONTINUOUS FOR 12" SLAB #4@12" E.W. CONTINUOUS FOR 8" SLAB.
  - FOR BALANCE OF NOTES SEE DRAWING S-010.



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04.21.2014	DO ISSUE			
12.20.2013	100% SD			
12.18.2013	90 DOB PLANS			

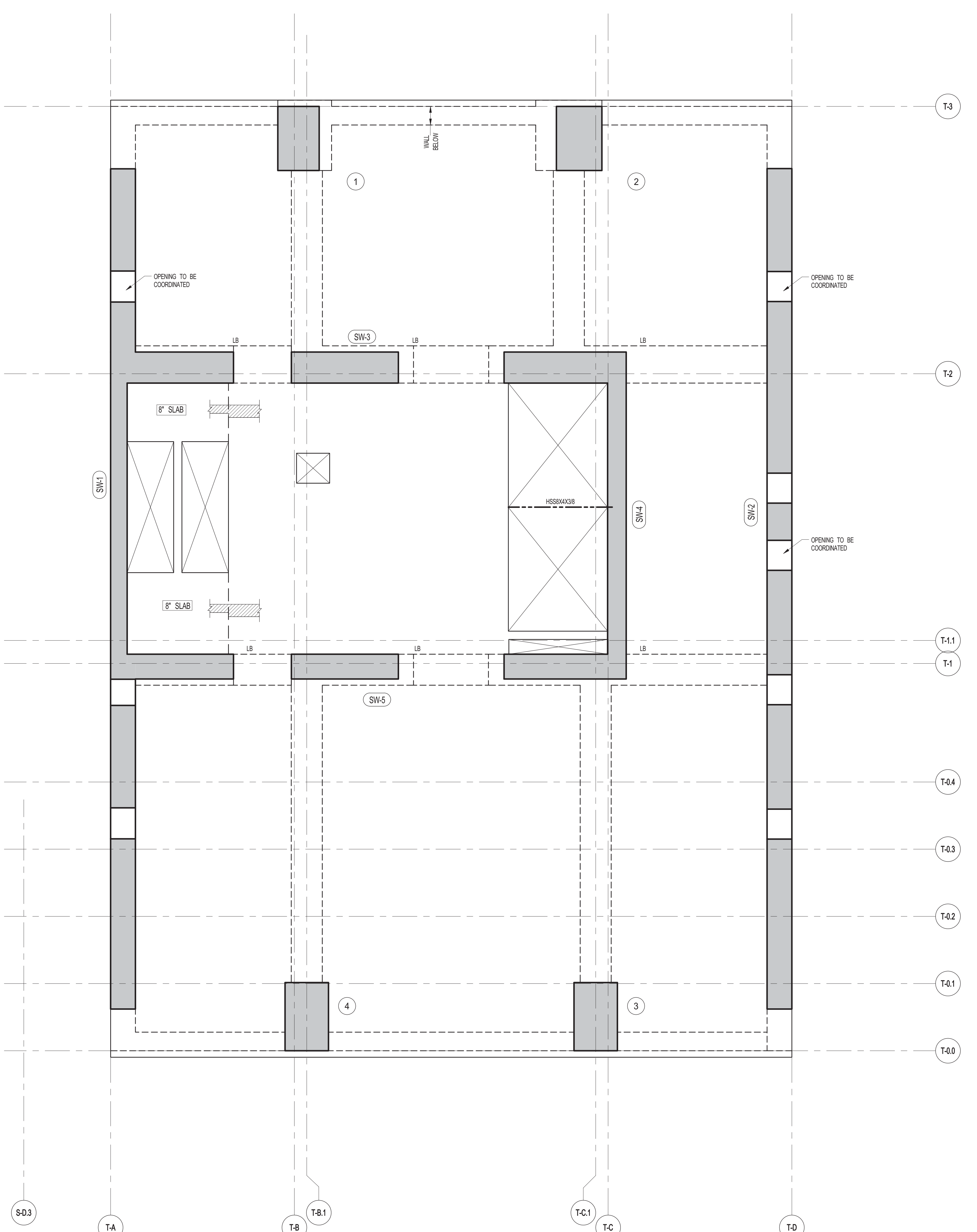
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**19TH FLOOR FRAMING PLAN**

SEAL & SIGNATURE DATE 12.18.2013

PROJECT NO. 1310140  
DRAWN BY CADD  
CHECKED BY CL  
DOB NO.  
DRAWING NUMBER

**S-190.00**



**1**  
S-190  
**19TH FLOOR FRAMING PLAN**  
SCALE: 1/4" = 1'-0"

- NOTES:  
1. TOP OF SLAB EL. SEE ARCH. DRAWINGS.  
2. SLAB THICKNESS TO BE 12" U.O.N. THIS PLAN.  
3. BOTTOM REINFORCEMENT TO BE #5@12" E-W, CONTINUOUS FOR 12" SLAB #4@12" E-W, CONTINUOUS FOR 8" SLAB.  
4. FOR BALANCE OF NOTES SEE DRAWING S-101.



ARCHITECT	SHAP ARCHITECTS, P.C. 230 BROADWAY, 11TH FLOOR NEW YORK, NY 10005 NY 212 869 9336	FAÇADE	SHOENHART FIELDS 105 SPENCER ST. NEW YORK, NY 10002 NY 212 234 2025
STRUCTURAL ENGINEER	YUSEF GHAFOOR BESHAR 228 EAST 43RD STREET NEW YORK, NY 10017 NY 212 697 5886	VERTICAL TRANSPORTATION	VAN DEUSEN & ASSOCIATES 100 WEST STREET, SUITE 200 LARKSPER, NJ 07033 NJ 973 984 8775
MEP ENGINEER	JARVIS, BAIAM & BOLLER 80 WINE STREET, 12TH FLOOR NEW YORK, NY 10005 NY 212 693 9333	RESTORATION	JAN HIRD FOKORNY ASSOCIATES 20 WEST 57TH STREET, 5TH FLOOR, 10A NEW YORK, NY 10019 NY 212 238 6882
CIVIL ENGINEER	ARUP ENGINEERING, P.C. 40 FIFTH AVE, 25TH FLOOR NEW YORK, NY 10018 NY 212 268 8028	GEOTECH	LONGMAN LINDSEY 40 WEST 57TH STREET, 4TH FLOOR NEW YORK, NY 10019 NY 917 238 8300
ACOUSTICS	LONGMAN LINDSEY 40 WEST 57TH STREET, 4TH FLOOR NEW YORK, NY 10019 NY 917 238 8300	INTERIORS	STUDIOS JOSEPH 300 WALKER STREET NEW YORK, NY 10001 NY 212 475 1300
			CONSERVATORIE INTERNATIONAL 105 WALKER STREET, 7TH FLOOR EAST NEW YORK, NY 10001 NY 212 252 4463



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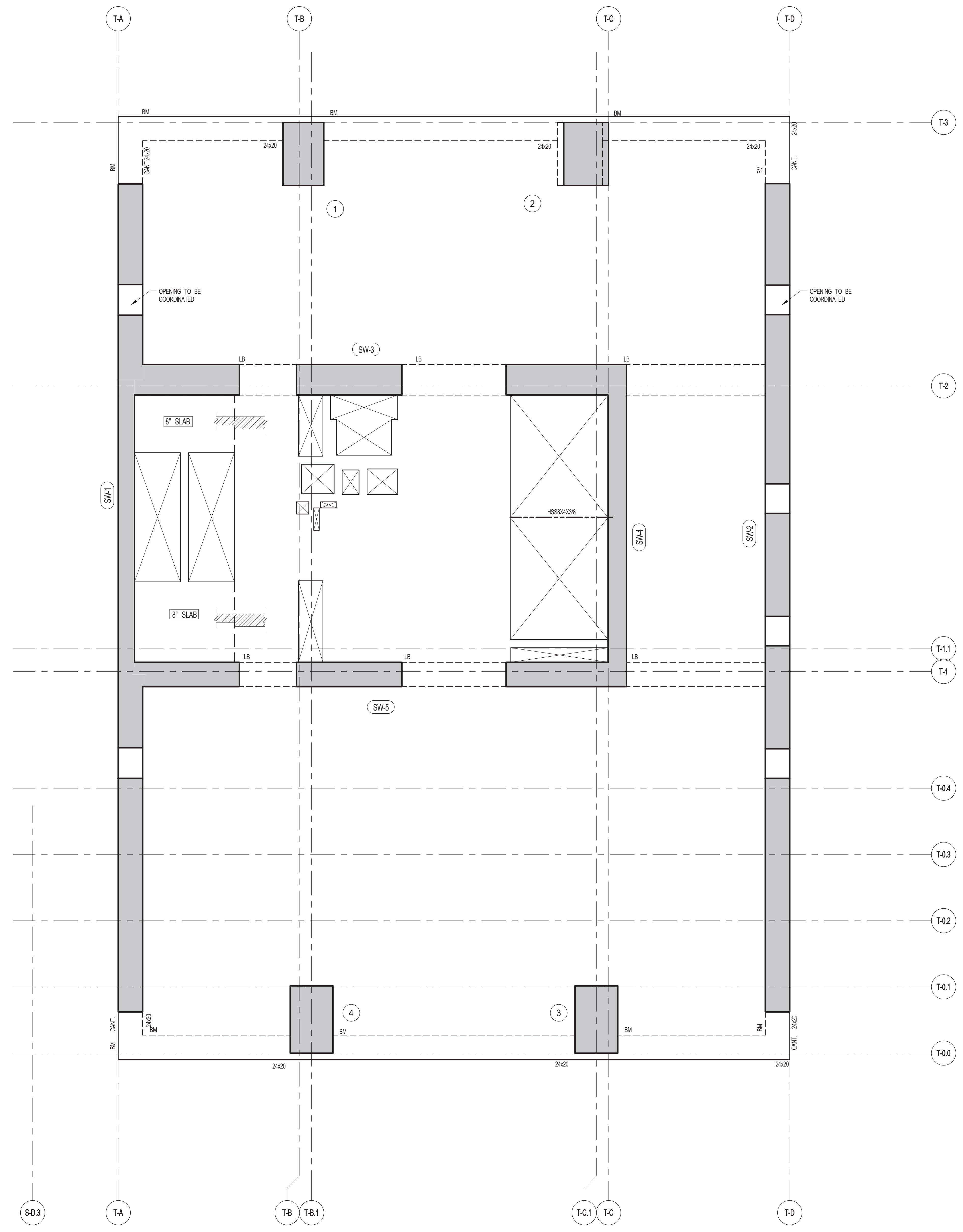


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**21ST, 23RD, 25TH, 27TH-33RD & 37TH-45TH FLOOR FRAMING PLAN**

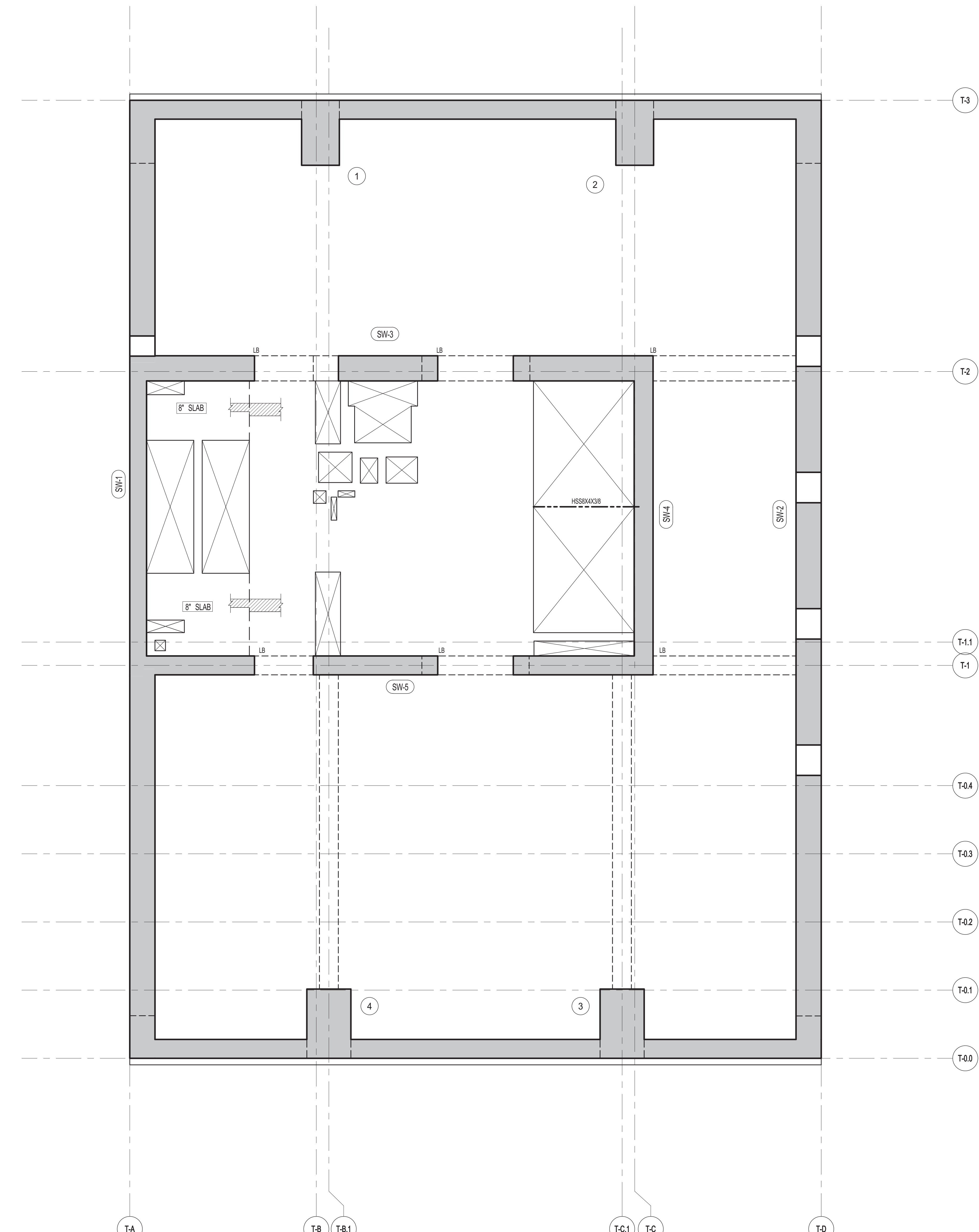
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PROJECT NO.	1310140	
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**1** 21ST, 23RD, 25TH, 27TH-33RD & 37TH-45TH FLOOR FRAMING PLAN  
 SCALE: 1/4" = 1'-0"

- NOTES:
- TOP OF SLAB EL. SEE ARCH. DRAWINGS.
  - SLAB THICKNESS TO BE 12" UNLESS NOTED OTHERWISE ON PLAN.
  - BOTTOM REINFORCEMENT TO BE #5@12" E-W, CONTINUOUS FOR 12" SLAB; #4@12" E-W, CONTINUOUS FOR 8" SLAB.
  - FOR BALANCE OF NOTES SEE DRAWING S-200.





**1**  
S-340  
**34TH FLOOR FRAMING PLAN**  
SCALE: 1/4" = 1'-0"

- NOTES
1. TOP OF SLAB EL. SEE ARCH. DRAWINGS.
  2. SLAB THICKNESS TO BE 12" U.O.N. THIS [ ] ON PLAN.
  3. BOTTOM REINFORCEMENT TO BE #8@12" E-W CONTINUOUS FOR 12" SLAB #8@12" E-W CONTINUOUS FOR 8" SLAB.
  4. FOR BALANCE OF NOTES SEE DRAWING S-010.



JDS DEVELOPMENT GROUP  
104 WEST 42ND STREET, 8TH FLOOR  
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TEL: 212 869 3600



ARCHITECT	SHAP ARCHITECTS, P.C. 225 BROADWAY, 11TH FLOOR NEW YORK, NY 10005 TEL: 212 869 3600
STRUCTURAL ENGINEER	YUSUF GHAFFAR BISHARA 228 EAST 43RD STREET NEW YORK, NY 10017 TEL: 212 697 5886
MEP ENGINEER	JAMES BAIAM & BOLLER 89 WEST STREET, 12TH FLOOR NEW YORK, NY 10005 TEL: 212 693 8333
CIVIL ENGINEER	AKRIF ENGINEERING, P.C. 40 WEST 44TH STREET, 7TH FLOOR NEW YORK, NY 10018 TEL: 212 268 8028
ACOUSTICIST	LONGMAN LINDSEY 4 WEST 49TH STREET, 4TH FLOOR NEW YORK, NY 10018 TEL: 917 288 3389
INTERIORS	STUDIO JENSEN 30 WALKER STREET NEW YORK, NY 10002 TEL: 212 475 1300
FAÇADE	BURTON HARRFIELD 105 SPADAWAY NEW YORK, NY 10011 TEL: 212 234 2025
VERTICAL TRANSPORTATION	VAN DEUSEN & ASSOCIATES 100 WEST STREET, SUITE 2014 LARKSPER, NJ 07033 TEL: 973 984 4770
RESTORATION	JAN HIRSH FOKORNY ASSOCIATES 20 WEST 57TH STREET, 11TH FLOOR NEW YORK, NY 10019 TEL: 212 239 6882
GEOTECH	MTICE 205 WEST 49TH STREET, 4TH FLOOR NEW YORK, NY 10018 TEL: 917 288 4900
LIGHTING	CONSERVATORIE INTERNATIONAL 105 WALKER STREET, 7TH FLOOR EAST NEW YORK, NY 10002 TEL: 212 252 4462



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04.21.2014	DOB ISSUE			
12.20.2013	100% SD			
12.18.2013	90% DOB PLANS			

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**34TH FLOOR FRAMING PLAN**

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	PROJECT NO.	1310140
	DRAWN BY	CADD
	CHECKED BY	CL
	DOB NO.	
	DRAWING NUMBER	S-340.00









ARCHITECT	
SHAP ARCHITECTS, P.C. 220 BROADWAY, 11TH FLOOR NEW YORK, NY 10038 NY 212 609 9300	
STRUCTURAL ENGINEER	FAÇADE
YUSEF CHAYTOY BESHUK 220 EAST 43RD STREET NEW YORK, NY 10017 NY 212 697 5886	BURROUGHS WAREFIELD 100 BROADWAY NEW YORK, NY 10002 NY 212 234 2025
MEP ENGINEER	VERTICAL TRANSPORTATION
JARVIS, BAIAM & BOLLER 30 WINE STREET, 12TH FLOOR NEW YORK, NY 10002 NY 212 693 9333	VAN DEUSEN & ASSOCIATES 100 WEST STREET, SUITE 200 LARKSPER, NJ 07033 NJ 973 983 4775
CIVIL ENGINEER	RESTORATION
AKRIF ENGINEERING, P.C. 40 FIFTH AVE, 20TH FLOOR, 7TH FLOOR NEW YORK, NY 10018 NY 212 268 2828	JAN HIRSH FOKORNY ASSOCIATES 30 WEST 57TH STREET, 11TH FLOOR, 10A NEW YORK, NY 10019 NY 212 239 6462
ACOUSTICS	GEOTECH
LONGMAN LINDSEY 40 WEST 57TH STREET, 4TH FLOOR NEW YORK, NY 10019 NY 212 239 3339	MICE 300 WEST 43RD STREET, 4TH FLOOR NEW YORK, NY 10018 NY 212 239 4900
INTERIORS	LIGHTING
STUDIO JENSEN 30 WALKER STREET NEW YORK, NY 10002 NY 212 475 1300	CONSERVATORIE INTERNATIONAL 100 WALKER STREET, 7TH FLOOR, EAST NEW YORK, NY 10002 NY 212 252 4463



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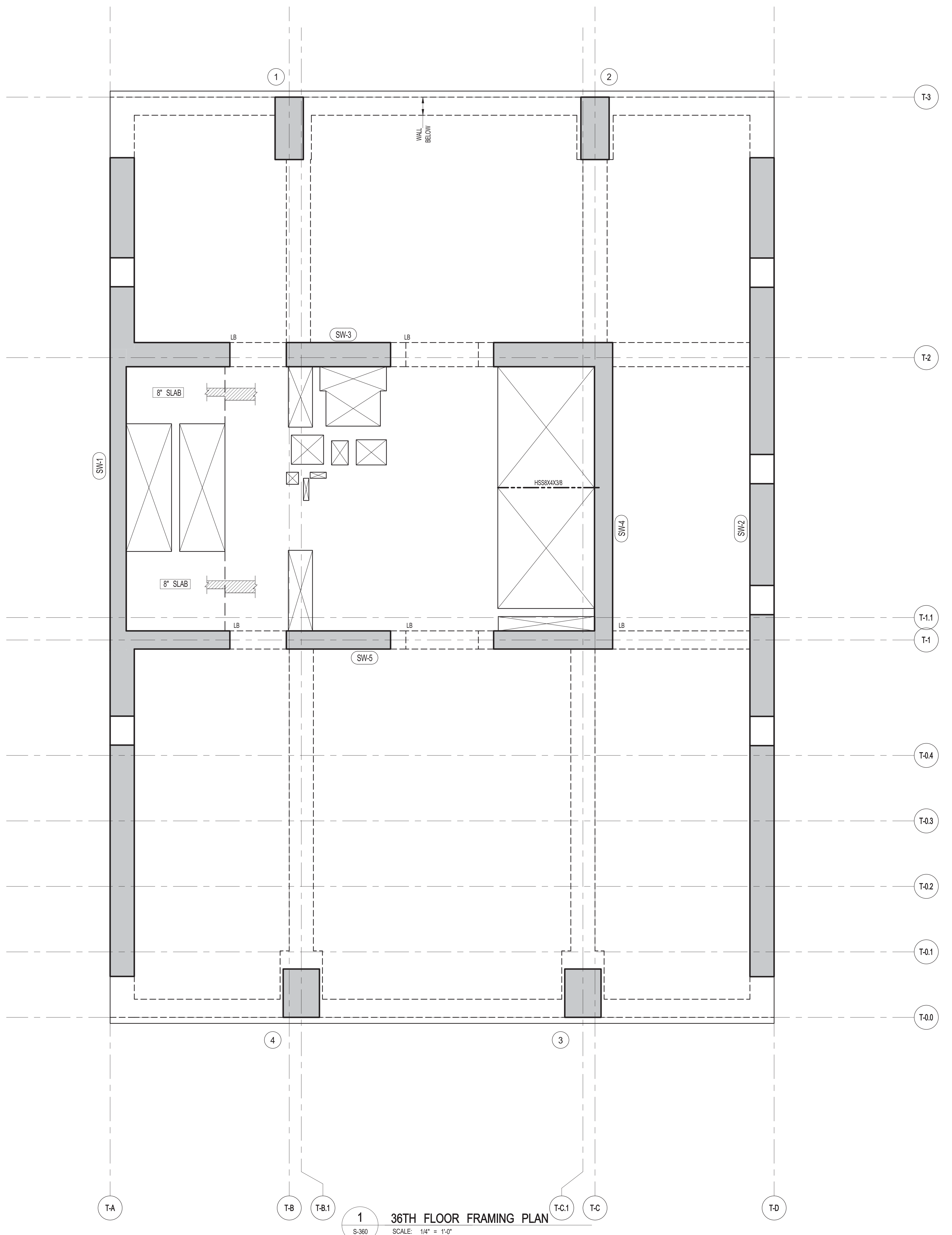


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**36TH FLOOR FRAMING PLAN**

SEAL & SIGNATURE: [Signature]  
DATE: 04/21/2014  
PROJECT NO.: 1310140  
DRAWN BY: CADD  
CHECKED BY: CL  
DOB NO.: 01015  
DRAWING NUMBER: **S-360.00**



**36TH FLOOR FRAMING PLAN**  
SCALE: 1/4" = 1'-0"

- NOTES:  
1. TOP OF SLAB EL. SEE ARCH DRAWINGS  
2. SLAB THICKNESS TO BE 12" U.O.N. THIS [ ] ON PLAN.  
3. BOTTOM REINFORCEMENT TO BE: #5@12" E-W; CONTINUOUS FOR 12" SLAB  
#4@12" E-W; CONTINUOUS FOR 8" SLAB  
4. FOR BALANCE OF NOTES SEE DRAWING S-010.



ARCHITECT	SHAP ARCHITECTS, P.C. 230 BROADWAY, 11TH FLOOR NEW YORK, NY 10005 TEL: 212 869 9300	MECHANICAL ENGINEER	YUSUF CHAIKUN BERKOW 228 EAST 43RD STREET NEW YORK, NY 10017 TEL: 212 697 2886	MEP ENGINEER	JARVIS, BAIAM & BOLLER 30 WEST STREET, 12TH FLOOR NEW YORK, NY 10005 TEL: 212 693 9333	CIVIL ENGINEER	AKRIF ENGINEERING, P.C. 40 WEST 44TH STREET, 7TH FLOOR NEW YORK, NY 10018 TEL: 212 693 8828	ACOUSTICS	LONGMAN LINDSEY 40 WEST 44TH STREET, 4TH FLOOR NEW YORK, NY 10018 TEL: 212 693 3339	INTERIORS	STUDIOS JENSEN 30 WALKER STREET NEW YORK, NY 10003 TEL: 212 475 1300	FAÇADE	SHOENBERG FELD 100 EAST 43RD STREET NEW YORK, NY 10017 TEL: 212 254 2025	VERTICAL TRANSPORTATION	VAN DEUSEN & ASSOCIATES 100 WEST STREET, SUITE 200 LARKSPER, NJ 07033 TEL: 973 984 4770	RESTORATION	JAN HIRSH FOKORNY ASSOCIATES 30 WEST 43RD STREET, 7TH FLOOR NEW YORK, NY 10018 TEL: 212 259 6462	GEOTECH	MICE 305 WEST 43RD STREET, 4TH FLOOR NEW YORK, NY 10018 TEL: 917 288 4900	LIGHTING	CONSERVATIVE INTERNATIONAL 100 WALKER STREET, 7TH FLOOR EAST NEW YORK, NY 10003 TEL: 212 255 4463
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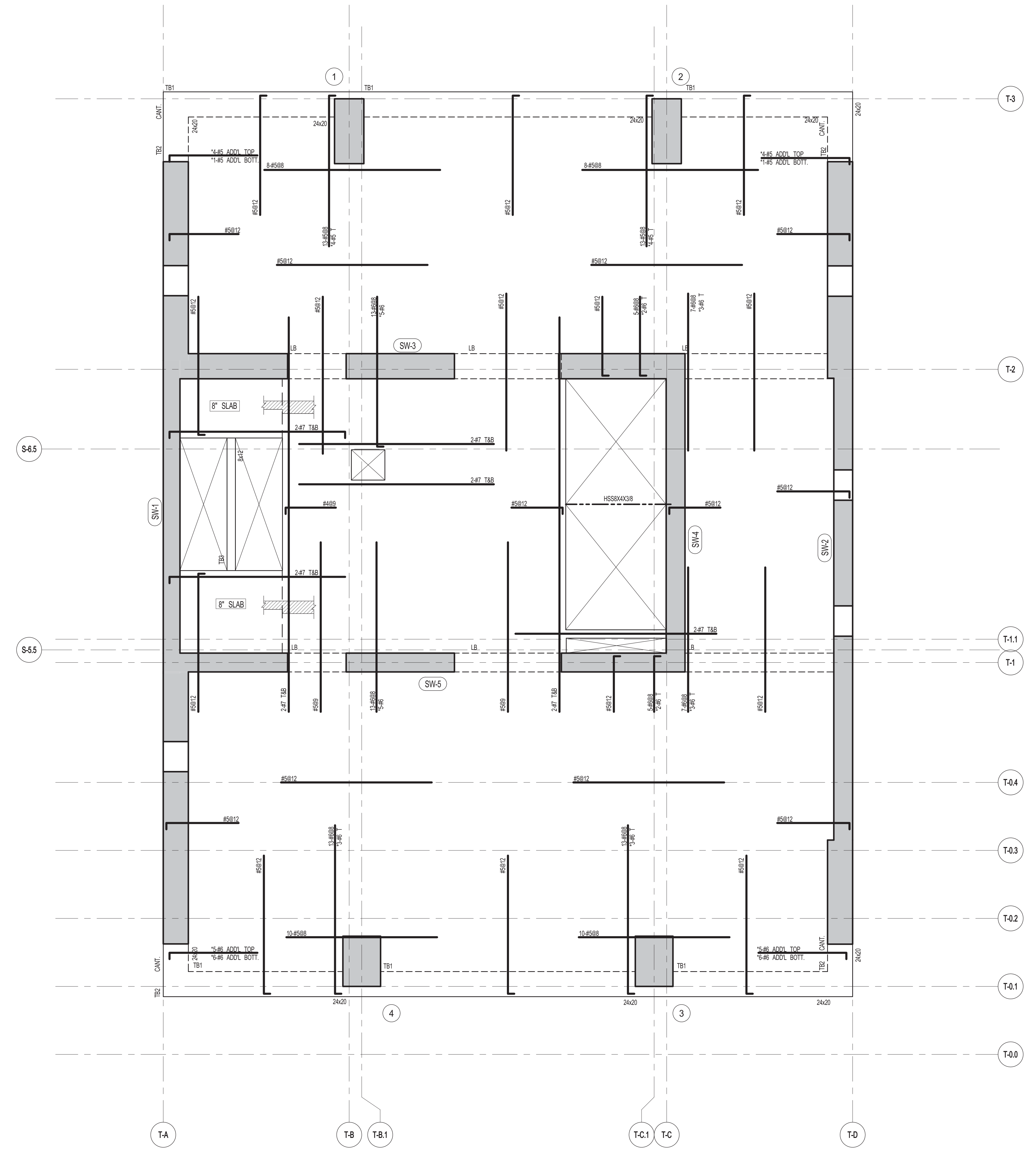
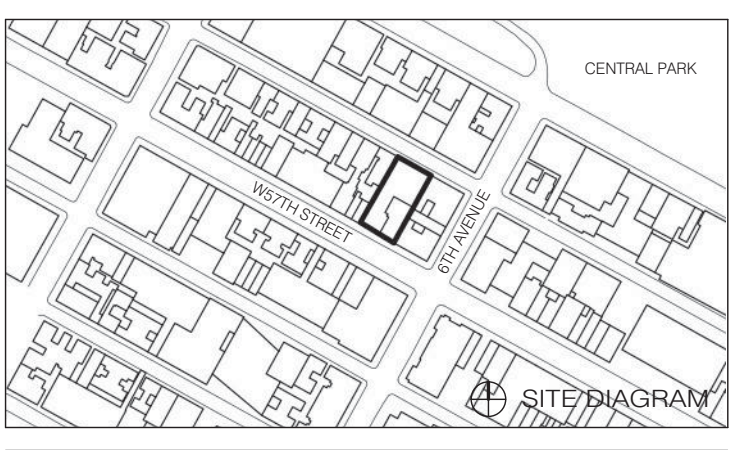


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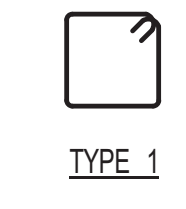
**111 WEST 57TH STREET**  
111 WEST 57TH STREET



**1 46TH-54TH FLOOR FRAMING PLAN**  
SCALE: 1/4" = 1'-0"

- NOTES:  
1. TOP OF SLAB EL. SEE ARCH. DRAWINGS.  
2. SLAB THICKNESS TO BE 12" U.O.N. THIS [ ] ON PLAN.  
3. BOTTOM REINFORCEMENT TO BE #5@12" E-W CONTINUOUS FOR 12" SLAB #5@12" E-W CONTINUOUS FOR 8" SLAB.  
4. FOR BALANCE OF NOTES SEE DRAWING S-410.

BEAM MARK	SIZE		REINFORCEMENT		STIRRUPS			REMARKS
	WIDTH	DEPTH	BOTTOM CONTINUOUS	TOP CONTINUOUS	TYPE	SIZE	SPACING	
T-1	24	20	4-#5	4-#5	1	#4	64	
T-2	24	20	3-#5	3-#5	1	#4	64	
T-3	8	12	2-#5	2-#5	1	#3	65	



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**46TH-54TH FLOOR FRAMING PLAN**

SEAL & SIGNATURE	DATE	04.21.2014
	PROJECT NO.	1310140
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	DOB NO.	
	DRAWING NUMBER	



S-460.00



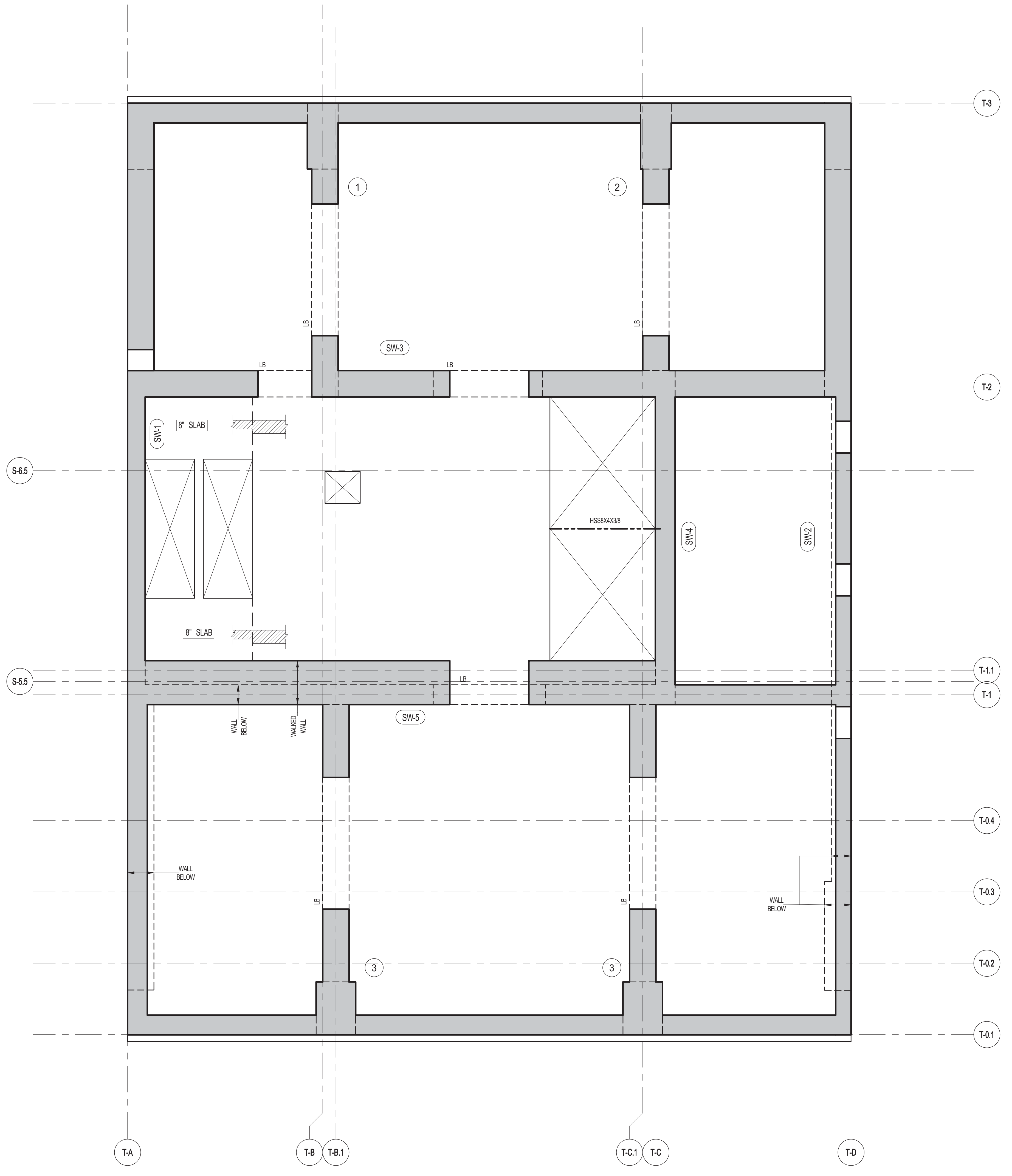
ARCHITECT	SHAP ARCHITECTS, P.C. 220 BROADWAY, 11TH FLOOR NEW YORK, NY 10005 TEL: 212 850 3000
STRUCTURAL ENGINEER	YUSEF GHAFOUR BEKHOOR 220 EAST 43RD STREET NEW YORK, NY 10017 TEL: 212 897 5886
MEP ENGINEER	JARVIS, BAIAM & BOLLER 40 WEST STREET, 12TH FLOOR NEW YORK, NY 10005 TEL: 212 850 3000
CIVIL ENGINEER	ARIF ENGINEERING, P.C. 40 WEST 44TH STREET, 7TH FLOOR NEW YORK, NY 10018 TEL: 212 850 3000
ACOUSTICS	LONGMAN LINDSEY 40 WEST 44TH STREET, 4TH FLOOR NEW YORK, NY 10018 TEL: 212 850 3000
INTERIORS	STUDIO JENSEN 300 LAURETTA STREET NEW YORK, NY 10001 TEL: 212 475 1300
FAÇADE	BURROUGHS WERFIELD 100 SPENCER ST. NEW YORK, NY 10002 TEL: 212 234 2025
VERTICAL TRANSPORTATION	VAN DEUSEN & ASSOCIATES 100 WEST STREET, SUITE 200 LARKSPER, NJ 07033 TEL: 973 984 8700
RESTORATION	JAN HIRSH FOKORNY ASSOCIATES 20 WEST 57TH STREET, 11TH FLOOR NEW YORK, NY 10019 TEL: 212 238 6880
GEOTECH	MRICE 300 WEST 43RD STREET, 4TH FLOOR NEW YORK, NY 10018 TEL: 917 288 4900
LIGHTING	CONSERVATORIE INTERNATIONAL 100 WALL STREET, 7TH FLOOR EAST NEW YORK, NY 10005 TEL: 212 252 4463



PROPERTY MARKETS GROUP  
100 WEST 57TH STREET, 2ND FLOOR  
NEW YORK, NY 10019  
TEL: 212 850 3000

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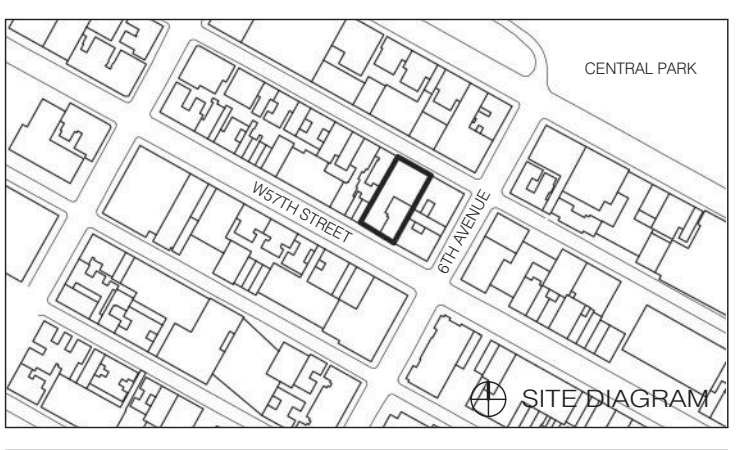
**Shauqat Shaikh**  
*Shauqat Shaikh*  
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Date/Time: Jan 6, 2015 - 11:57 AM  
**NYC Development Hub**



**1**  
S-550  
**55TH FLOOR FRAMING PLAN**  
SCALE: 1/4" = 1'-0"

- NOTES:
1. TOP OF SLAB EL. SEE ARCH. DRAWINGS.
  2. SLAB THICKNESS TO BE 12" U.O.N. THIS ON PLAN.
  3. BOTTOM REINFORCEMENT TO BE #5@12" E-W CONTINUOUS FOR 12" SLAB #4@12" E-W CONTINUOUS FOR 8" SLAB.
  4. FOR BALANCE OF NOTES SEE DRAWING S-010.

**111 WEST 57TH STREET**  
111 WEST 57TH STREET



DATE	ISSUE	NO.	DATE	REVISION
03.01.2014	DOB PLANS SET			
04.21.2014	DO ISSUE			

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**55TH FLOOR FRAMING PLAN**

SEAL & SIGNATURE	DATE	04.21.2014
PROJECT NO.	1310140	
DRAWN BY	CADD	
CHECKED BY	CL	
DOB NO.		
DRAWING NUMBER		



**S-550.00**



ARCHITECT	
SHAP ARCHITECTS, P.C. 220 BROADWAY, 11TH FLOOR NEW YORK, NY 10005 NY 212 693 9335	
STRUCTURAL ENGINEER	FAÇADE
YUSEF CHAYTO ENGINEERING 220 EAST 43RD STREET NEW YORK, NY 10017 NY 212 697 5886	BURROUGHS WAREFIELD 100 SPADAWAY NEW YORK, NY 10013 NY 212 234 2025
MEP ENGINEER	VERTICAL TRANSPORTATION
JARVIS, BAIAM & BOLLES 40 WEST STREET, 12TH FLOOR NEW YORK, NY 10005 NY 212 693 9335	VAN DEUSEN & ASSOCIATES 3 WASHINGTON STREET, SUITE 201 LARKSPER, NJ 07033 NJ 908 983 8775
CIVIL ENGINEER	RESTORATION
AKRIF ENGINEERING, P.C. 40 WEST 44TH STREET, 7TH FLOOR NEW YORK, NY 10018 NY 646 288 8028	JAN HIRSH FOKORNY ASSOCIATES 20 WEST 57TH STREET, 11TH FLOOR NEW YORK, NY 10019 NY 212 234 6462
ACOUSTICS	GEOTECH
LONGMAN LINDSEY 40 WEST 40TH STREET, 4TH FLOOR NEW YORK, NY 10018 NY 917 238 3339	MICE 205 WEST 45TH STREET, 4TH FLOOR NEW YORK, NY 10018 NY 917 238 4900
INTERIORS	LIGHTING
STUDIOS JOSEPH FIELD 30 WALKER STREET NEW YORK, NY 10002 NY 212 475 1300	CONSERVATORIE INTERNATIONAL 100 WALKER STREET, 7TH FLOOR EAST NEW YORK, NY 10002 NY 212 252 4463



PROPERTY MARKETS GROUP  
104 WEST 47TH STREET, 2ND FLOOR  
NEW YORK, NY 10018  
NY 212 693 9335

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**Shauqat Shaikh**

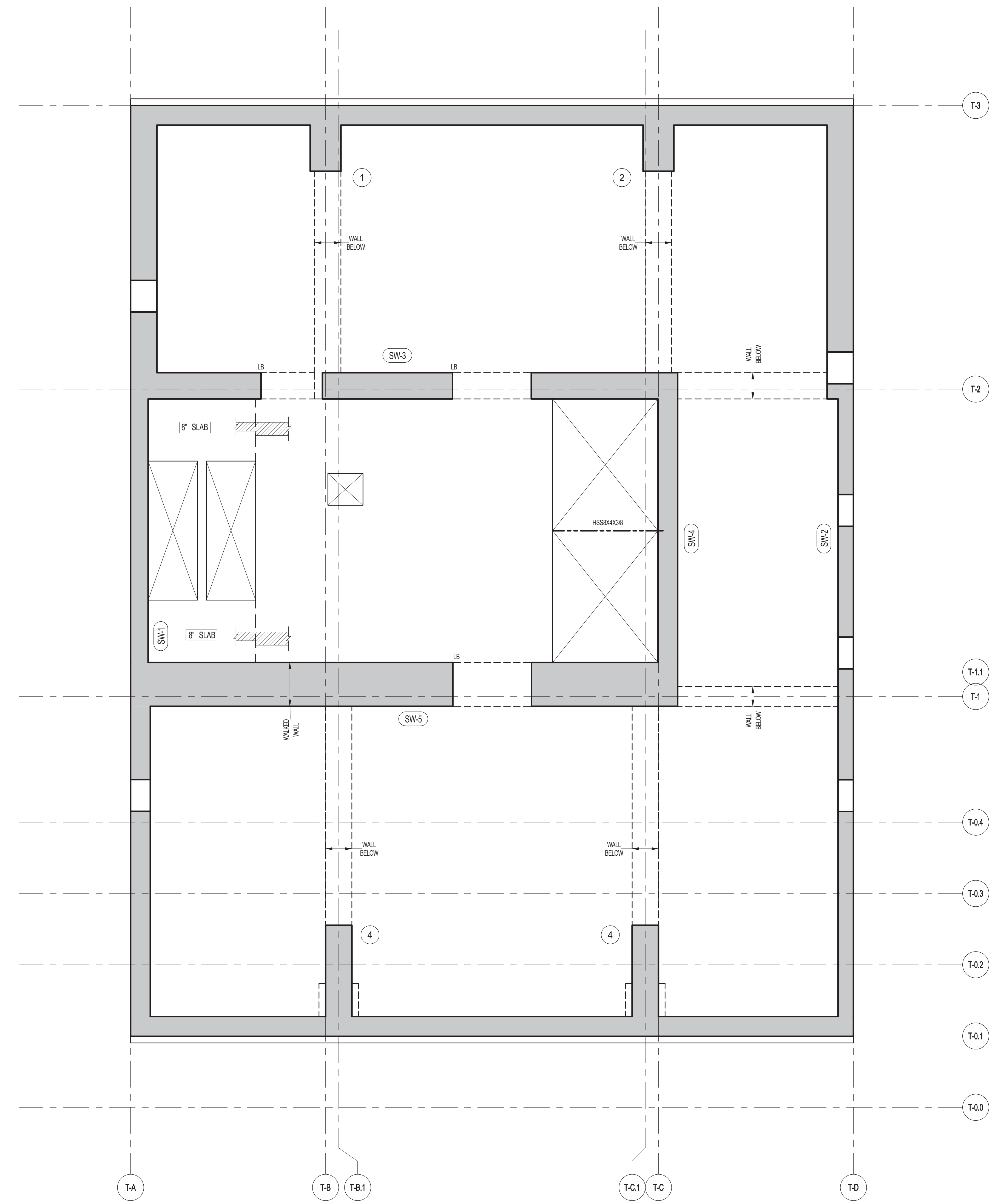
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**1** 56TH FLOOR FRAMING PLAN  
SCALE: 1/4" = 1'-0"

- NOTES:
1. TOP OF SLAB EL. SEE ARCH DRAWINGS.
  2. SLAB THICKNESS TO BE 12" UNLESS OTHERWISE NOTED ON PLAN.
  3. BOTTOM REINFORCEMENT TO BE #8@12" E-W; CONTINUOUS FOR 12" SLAB #4@12" E-W; CONTINUOUS FOR 8" SLAB.
  4. FOR BALANCE OF NOTES SEE DRAWING S-610.

**111 WEST 57TH STREET**  
111 WEST 57TH STREET



DATE	ISSUE	NO.	DATE	REVISION
03.01.2014	DOB PLANS SET			
04.21.2014	DOB ISSUE			

DRAWING TITLE  
**56TH FLOOR FRAMING PLAN**

SEAL & SIGNATURE: [Signature]

DATE: 04.21.2014

PROJECT NO: 1310140

DRAWN BY: [Name]

CHECKED BY: [Name]

DATE: 04.21.2014

DRAWING NUMBER: **S-560.00**





ARCHITECT	SHAP ARCHITECTS, P.C. 230 BROADWAY, 11TH FLOOR NEW YORK, NY 10005 TEL: 212 869 9336
STRUCTURAL ENGINEER	YUSUF GHAFOOR BISHARA 228 EAST 43RD STREET NEW YORK, NY 10017 TEL: 212 697 5886
MEP ENGINEER	JAMES BAUM & BOLLER 89 WEST STREET, 12TH FLOOR NEW YORK, NY 10005 TEL: 212 693 9333
CIVIL ENGINEER	ARIF ENGINEERING, P.C. 40 WEST 44TH STREET, 7TH FLOOR NEW YORK, NY 10018 TEL: 646 288 8828
ACOUSTICS	LONGMAN LINDSEY 4 WEST 38TH STREET, 4TH FLOOR NEW YORK, NY 10018 TEL: 917 268 3389
INTERIORS	STUDIO JENSEN 30 WALKER STREET NEW YORK, NY 10002 TEL: 212 475 1300
FACADE	BURROUGHS WERFIELD 105 SPENCER ST. NEW YORK, NY 10002 TEL: 212 234 2025
VERTICAL TRANSPORTATION	VAN DEUSEN & ASSOCIATES 100 WEST STREET, SUITE 2014 LARKSPER, NJ 07033 TEL: 973 984 4775
RESTORATION	JAN HIRSH FOKORNY ASSOCIATES 26 WEST 37TH STREET, 4TH FLR NEW YORK, NY 10018 TEL: 212 239 4442
GEOTECH	MTICE 305 WEST 43RD STREET, 4TH FLOOR NEW YORK, NY 10018 TEL: 917 268 4935
LIGHTING	CONSERVATORIE INTERNATIONAL 105 WALKER STREET, 7TH FLOOR EAST NEW YORK, NY 10002 TEL: 212 235 4442



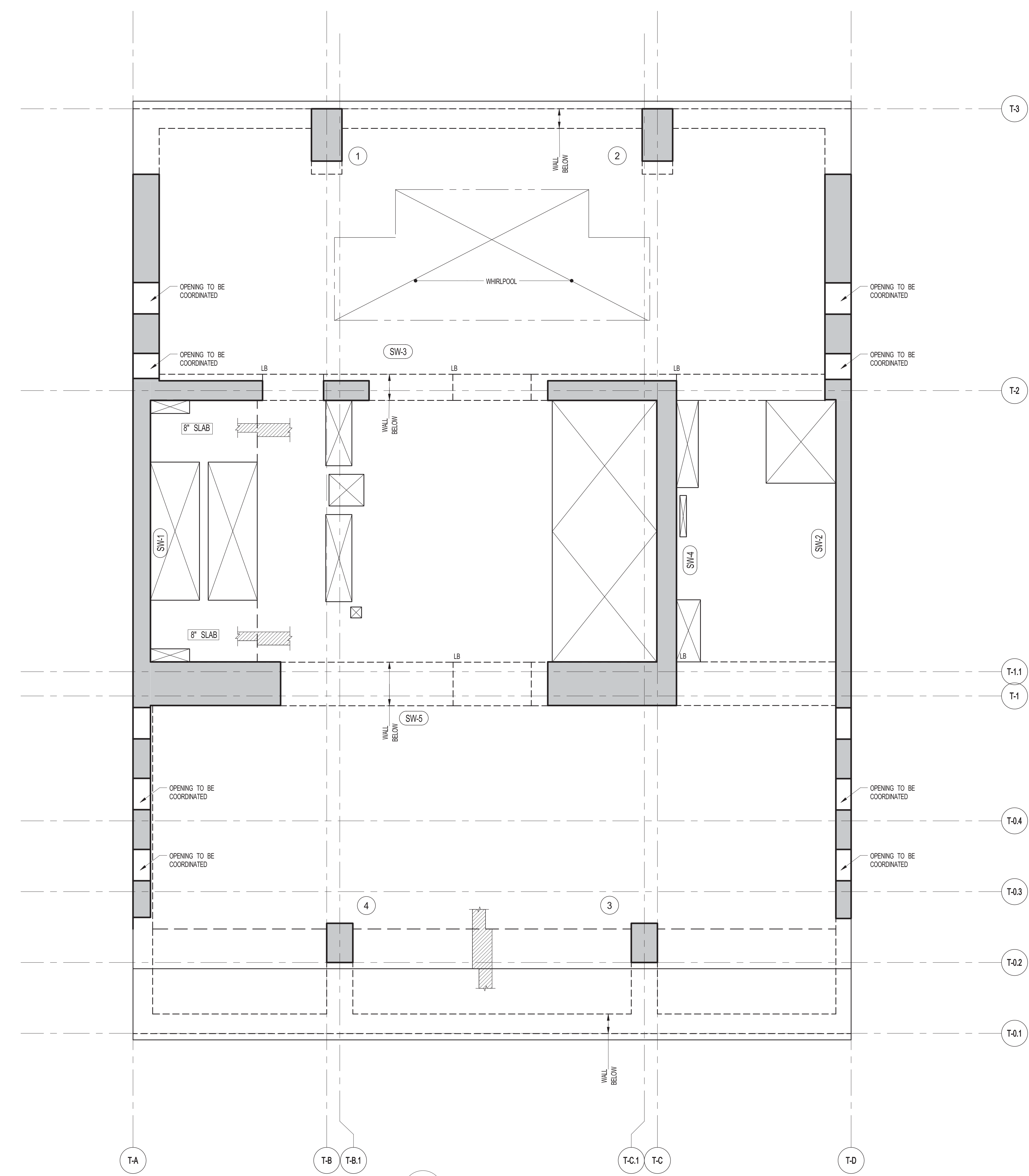
PROPERTY MARKETS GROUP  
104 WEST 42ND STREET, 8TH FLOOR  
NEW YORK, NY 10018  
TEL: 212 869 9336  
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**Buildings**

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**1**  
S-570  
**57TH FLOOR FRAMING PLAN**  
SCALE: 1/4" = 1'-0"

- NOTES:
1. TOP OF SLAB EL. SEE ARCH. DRAWINGS.
  2. SLAB THICKNESS TO BE 12" U/DN THIS [ ] ON PLAN.
  3. BOTTOM REINFORCEMENT TO BE: #6@12" EW, CONTINUOUS FOR 12" SLAB; #4@12" EW, CONTINUOUS FOR 8" SLAB.
  4. FOR BALANCE OF NOTES SEE DRAWING S-670.

**111 WEST 57TH STREET**  
111 WEST 57TH STREET



DATE	ISSUE	NO.	DATE	REVISION
06.01.2014	DOB PLANS SET			
04.21.2014	DO ISSUE			
12.20.2013	100% SD			
12.18.2013	80% DOB PLANS			

DRAWING TITLE  
**57TH FLOOR FRAMING PLAN**

SEAL & SIGNATURE	DATE	12.18.2013
	PROJECT NO.	1310140
	DRAWN BY	CADD
	CHECKED BY	CL
	DOB NO.	
	DRAWING NUMBER	S-570.00





ARCHITECT	SHAP ARCHITECTS, P.C. 230 BROADWAY, 11TH FLOOR NEW YORK, NY 10007 NY 212 697 9300
STRUCTURAL ENGINEER	YUSUF CAHAYI & PARTNERS 228 EAST 43RD STREET NEW YORK, NY 10017 NY 212 697 5886
MEP ENGINEER	JACOBS, BAUM & BOLLER 30 RINE STREET, 12TH FLOOR NEW YORK, NY 10005 NY 212 693 9333
CIVIL ENGINEER	AKRIF ENGINEERING, P.C. 40 FIFTH AVE, 20TH FLOOR, 7TH FLOOR NEW YORK, NY 10018 NY 646 388 8028
ACOUSTICS	LONGMAN LINDSEY 4 WEST 34TH STREET, 4TH FLOOR NEW YORK, NY 10018 NY 917 338 3339
INTERIORS	STUDIOS JOSEPH FIELD 30 LAURETTE STREET NEW YORK, NY 10003 NY 212 475 1300
FAÇADE	BURROUGHS WERFIELD 100 SPADAWAY NEW YORK, NY 10002 NY 212 234 2025
VERTICAL TRANSPORTATION	VAN DEUSEN & ASSOCIATES 100 RINE STREET, SUITE 200 LARKSPER, NJ 07033 NY 973 983 8775
RESTORATION	JAN HRO FOKORNY ASSOCIATES 30 WEST 37TH STREET, 4TH FLOOR NEW YORK, NY 10018 NY 212 238 6882
GEOTECH	MICE 305 WEST 34TH STREET, 4TH FLOOR NEW YORK, NY 10018 NY 917 338 4900
LIGHTING	CONSERVATORIE INTERNATIONAL 100 WALL STREET, 7TH FLOOR EAST NEW YORK, NY 10005 NY 212 255 4463



PROPERTY MARKETS GROUP  
100 FIFTH AVENUE, 10TH FLOOR  
NEW YORK, NY 10003  
NY 212 693 9300  
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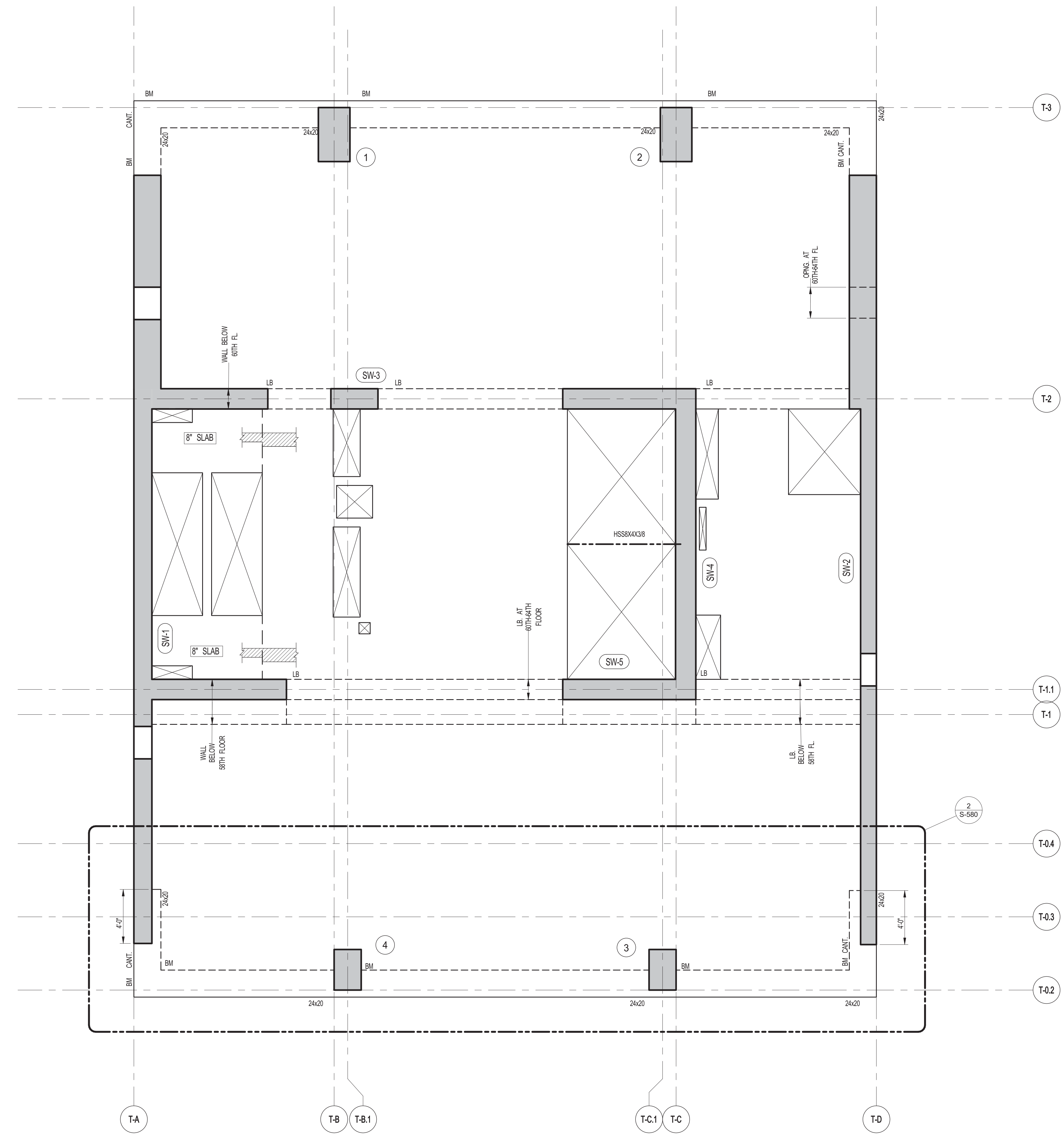
**111 WEST 57TH STREET**  
111 WEST 57TH STREET



DATE	ISSUE	NO.	DATE	REVISION
03/01/2014	DOB PLANS SET			
04/21/2014	DOB ISSUE			

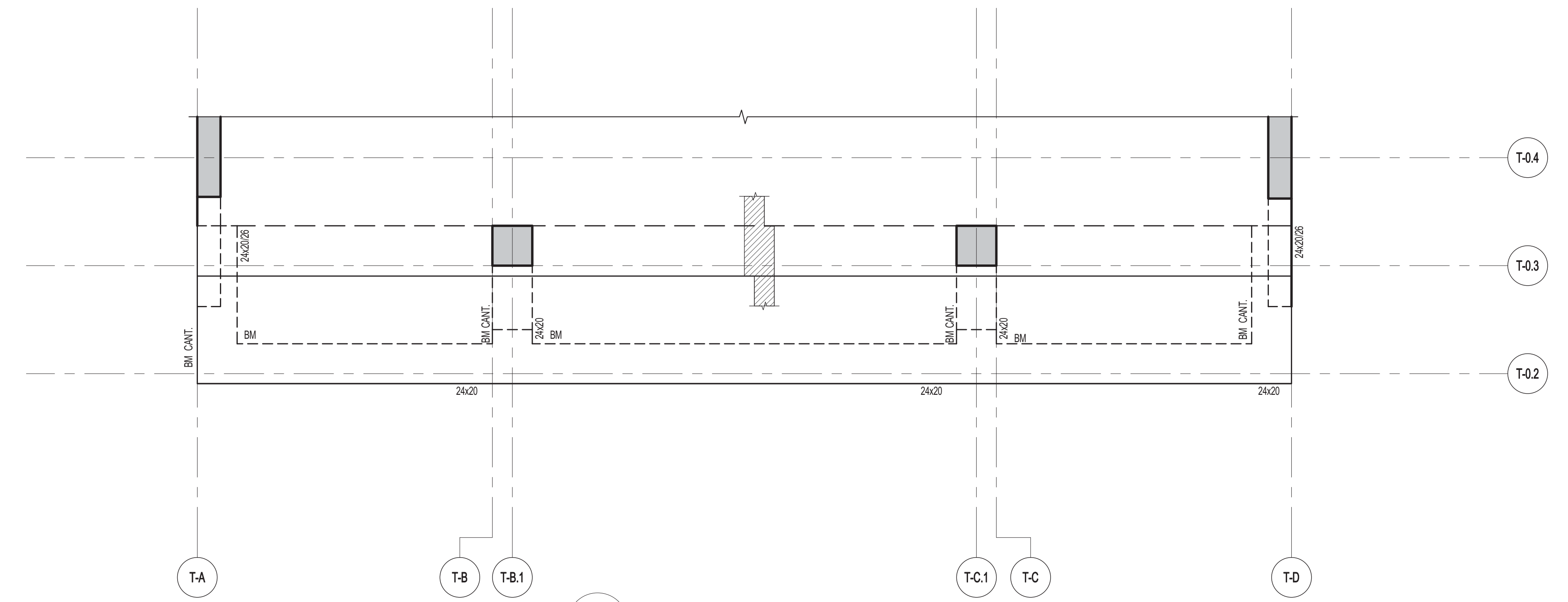
DRAWING TITLE  
**58TH & 60TH-64TH FLOOR FRAMING PLAN**

SEAL & SIGNATURE: DATE: 04/21/2014  
PROJECT NO.: 1310140  
DRAWN BY: CADD  
CHECKED BY: CL  
DOB NO.: 2014  
DRAWING NUMBER: S-580.00



**1 58TH & 60TH-64TH FLOOR FRAMING PLAN**  
S-580 SCALE: 1/4" = 1'-0"

- NOTES
1. TOP OF SLAB EL. SEE ARCH. DRAWINGS.
  2. SLAB THICKNESS TO BE 12" U.G.N. THIS [ ] ON PLAN.
  3. BOTTOM REINFORCEMENT TO BE #5@12" E-W CONTINUOUS FOR 12" SLAB #4@12" E-W CONTINUOUS FOR 8" SLAB.
  4. FOR BALANCE OF NOTES SEE DRAWING S-510.



**2 64TH FLOOR PART FRAMING PLAN**  
S-580 SCALE: 1/4" = 1'-0"







ARCHITECT	SHAP ARCHITECTS, P.C. 225 BROADWAY, 11TH FLOOR NEW YORK, NY 10005 TEL: 212 869 3600
STRUCTURAL ENGINEER	YUSEF CHAYTO & PARTNERS 225 EAST 43RD STREET NEW YORK, NY 10017 TEL: 212 697 5886
MEP ENGINEER	JARVIS, BAIAM & BOLLER 30 HUNTER STREET, 12TH FLOOR NEW YORK, NY 10002 TEL: 212 693 3333
CIVIL ENGINEER	ARUP ENGINEERING, P.C. 40 FIFTH AVE, 20TH FLOOR NEW YORK, NY 10011 TEL: 212 260 2800
ACOUSTICS	LONGMAN LINDSEY 4 WEST 38TH STREET, 4TH FLOOR NEW YORK, NY 10018 TEL: 917 338 3339
INTERIORS	STUDIO JOSEPH 30 LAURETTA STREET NEW YORK, NY 10001 TEL: 212 475 1300
FAÇADE	BURTON HARRFIELD 105 SPENCER ST. NEW YORK, NY 10002 TEL: 212 234 2025
VERTICAL TRANSPORTATION	VAN DEUSEN & ASSOCIATES 1 HUNTER STREET, SUITE 201 LARKSPER, NJ 07033 TEL: 973 984 4775
RESTORATION	JAN HIRSH FOKORNY ASSOCIATES 20 WEST 27TH STREET, 11TH FLOOR NEW YORK, NY 10001 TEL: 212 239 4442
GEOTECH	MICE 305 WEST 45TH STREET, 4TH FLOOR NEW YORK, NY 10018 TEL: 917 338 4900
LIGHTING	CONSERVATORIE INTERNATIONAL 105 WALL STREET, 7TH FLOOR EAST NEW YORK, NY 10005 TEL: 212 255 4463



PROPERTY MARKETS GROUP  
100 WEST 47TH STREET, 2ND FLOOR  
NEW YORK, NY 10019  
TEL: 212 869 3600  
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**111 WEST 57TH STREET**  
111 WEST 57TH STREET



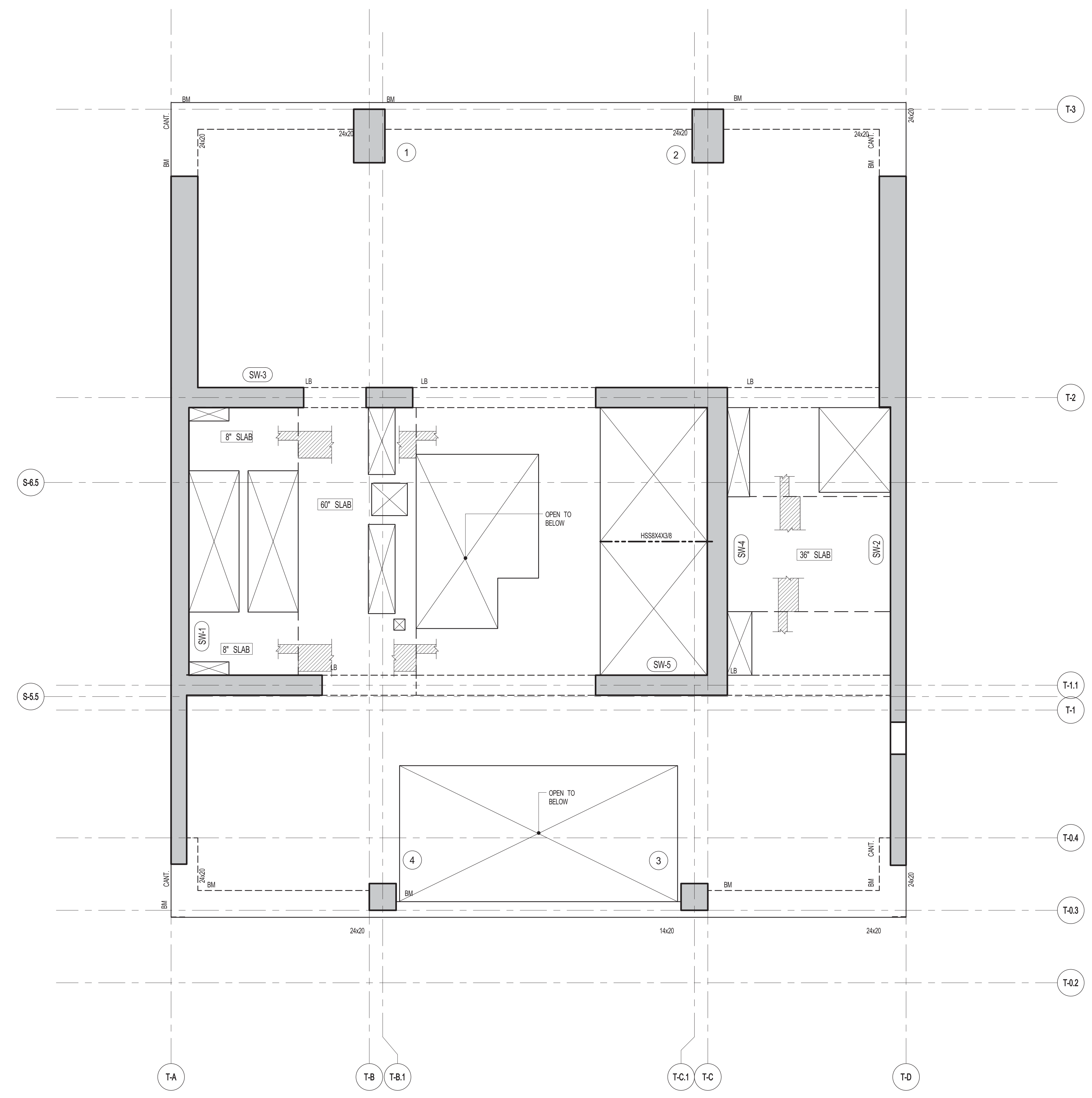
DATE	ISSUE	NO.	DATE	REVISION
03.01.2014	DOB PLANS SET			
04.21.2014	DOB ISSUE			

DRAWING TITLE  
**65TH & 67TH FLOOR FRAMING PLAN**

SEAL & SIGNATURE	DATE	04.21.2014
PROJECT NO.	1310140	
DRAWN BY	CADD	
CHECKED BY	CL	
DOB NO.		
DRAWING NUMBER		



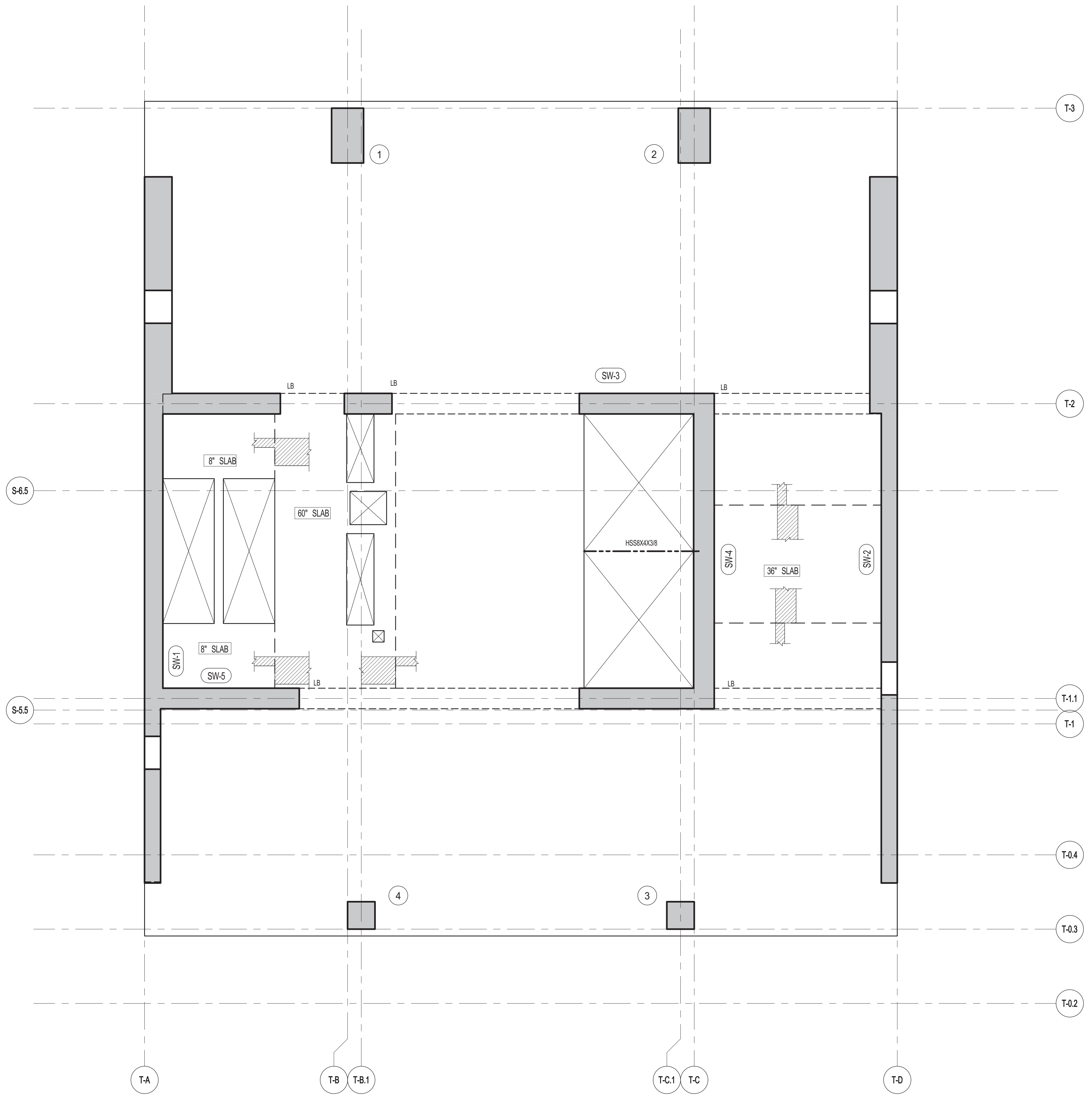
S-650.00



**1** 65TH & 67TH FLOOR FRAMING PLAN  
SCALE: 1/4" = 1'-0"

- NOTES
1. TOP OF SLAB EL. SEE ARCH. DRAWINGS.
  2. SLAB THICKNESS TO BE 12" U.O.N. THIS PLAN.
  3. BOTTOM REINFORCEMENT TO BE #8@12" E-W; CONTINUOUS FOR 30" SLAB. #5@12" E-W; CONTINUOUS FOR 12" SLAB. #4@12" E-W; CONTINUOUS FOR 8" SLAB.
  4. TOP AND BOTTOM REINFORCEMENT TO BE #8@14" E-W; CONTINUOUS FOR 8" SLAB.
- FOR BALANCE OF NOTES SEE DRAWING S-601.





**1** 66TH FLOOR FRAMING PLAN  
S-660 SCALE: 1/4" = 1'-0"

- NOTES:
1. TOP OF SLAB EL. SEE ARCH. DRAWINGS.
  2. SLAB THICKNESS TO BE 12" UNLESS NOTED OTHERWISE ON PLAN.
  3. BOTTOM REINFORCEMENT TO BE #8@12 E.W. CONTINUOUS FOR 36" SLAB.  
#8@10 E.W. CONTINUOUS FOR 24" SLAB.  
#8@7 E.W. CONTINUOUS FOR 12" SLAB.  
#4@12 E.W. CONTINUOUS FOR 8" SLAB.
  4. TOP AND BOTTOM REINFORCEMENT TO BE #8@14 E.W. CONTINUOUS FOR 67" SLAB.
4. FOR BALANCE OF NOTES SEE DRAWING S-610.



ARCHITECT	SHAP ARCHITECTS, P.C. 225 BROADWAY, 11TH FLOOR NEW YORK, NY 10038 NY 212 689 9336
STRUCTURAL ENGINEER	YUSEF GHAFOUR ENGINEERING 228 EAST 43RD STREET NEW YORK, NY 10017 NY 212 697 5886
MEP ENGINEER	JARVIS, BAIAM & BOLLER 40 WEST STREET, 12TH FLOOR NEW YORK, NY 10005 NY 212 693 9333
CIVIL ENGINEER	AKRIF ENGINEERING, P.C. 40 WEST 44TH STREET, 7TH FLOOR NEW YORK, NY 10018 NY 646 388 8828
ACOUSTICS	LONGMAN LINDSEY 40 WEST 44TH STREET, 4TH FLOOR NEW YORK, NY 10018 NY 917 338 3339
INTERIORS	STUDIO JENSEN 30 LAURENCE STREET NEW YORK, NY 10002 NY 212 475 1300
FAÇADE	BURKHARDT HERRFELD 105 SPENCER ST. NEW YORK, NY 10002 NY 212 234 2025
VERTICAL TRANSPORTATION	VAN DEUSEN & ASSOCIATES 100 WEST STREET, SUITE 2014 LARKSPER, NJ 07033 NY 973 984 8775
RESTORATION	JAN HIRSH FOKORNY ASSOCIATES 20 WEST 57TH STREET, 11TH FLR NEW YORK, NY 10019 NY 212 239 6462
GEOTECH	MICE 205 WEST 45TH STREET, 4TH FLOOR NEW YORK, NY 10018 NY 917 338 4900
LIGHTING	CONSERVATORIE INTERNATIONAL 105 WALKER STREET, 7TH FLOOR EAST NEW YORK, NY 10002 NY 212 252 4463

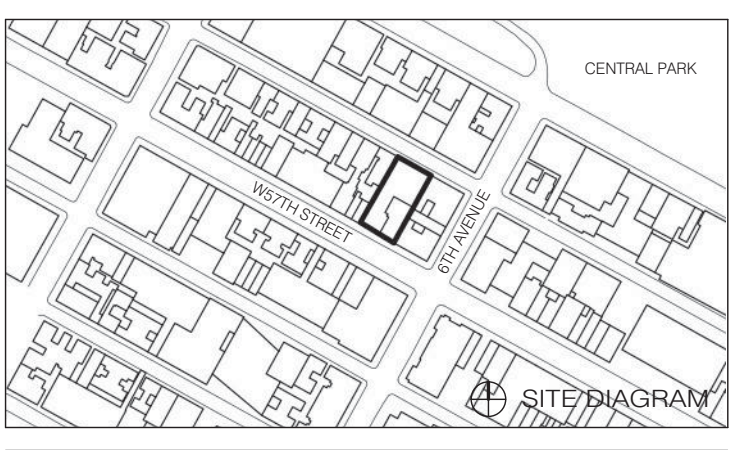


PROPERTY MARKETS GROUP  
1045 FIFTH AVENUE, 10TH FLOOR  
NEW YORK, NY 10017  
NY 212 693 9336

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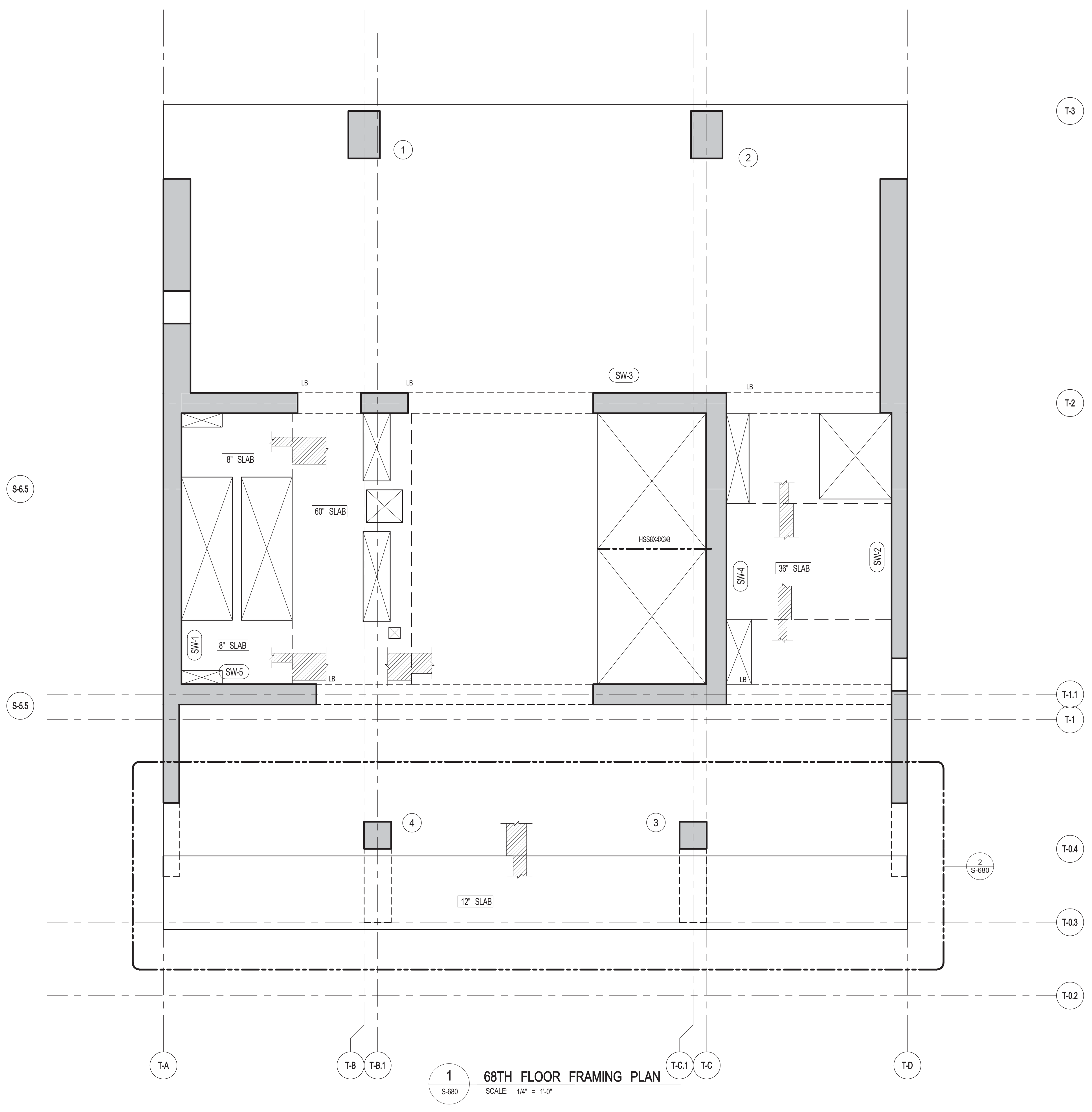
111 WEST 57TH STREET  
111 WEST 57TH STREET



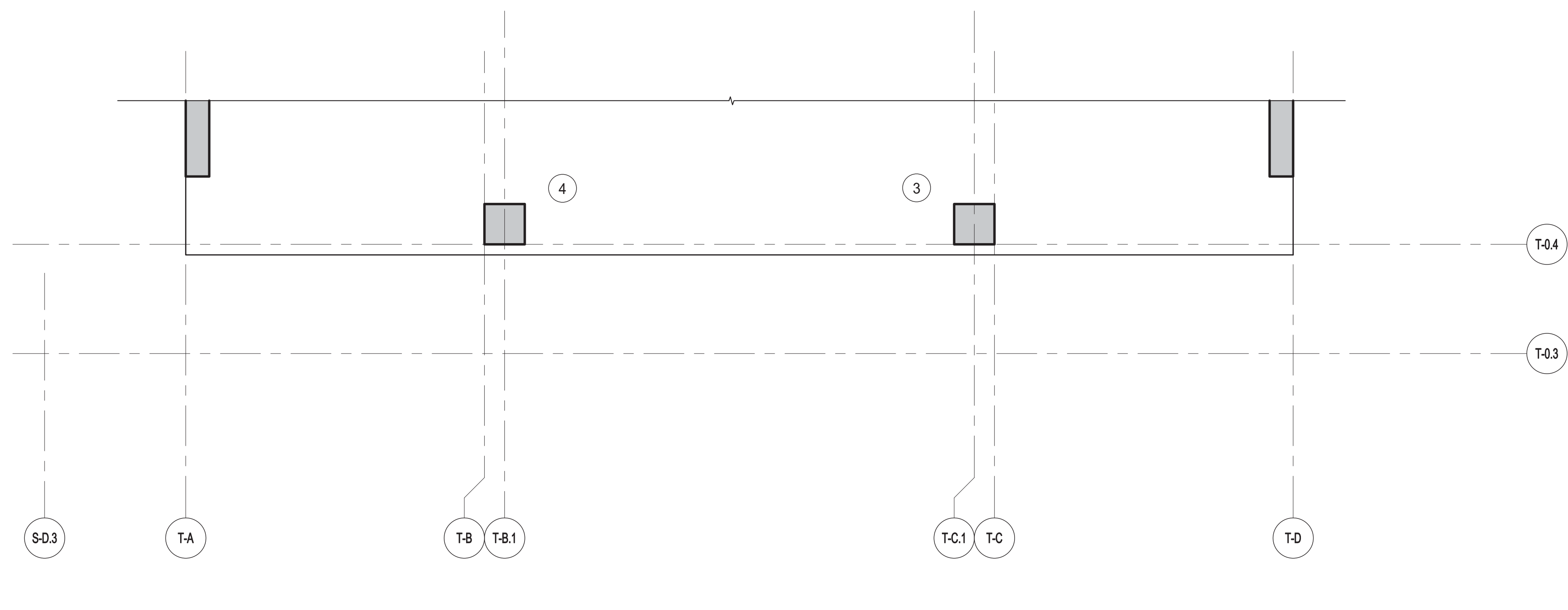
DATE	ISSUE	NO.	DATE	REVISION
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04.21.2014	DO ISSUE			
12.20.2013	100% SD			
12.18.2013	SD DOB PLANS			

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DRAWING TITLE	68TH AND 70TH FLOOR FRAMING PLAN
SEAL & SIGNATURE	DATE: 12.18.2013
	PROJECT NO.: 1310140
	DRAWN BY: CAD
	CHECKED BY: CL
	DOB NO.
	DRAWING NUMBER
	<b>S-680.00</b>



**1**  
S-680  
68TH FLOOR FRAMING PLAN  
SCALE: 1/4" = 1'-0"



**2**  
S-680  
70TH FLOOR PART FRAMING PLAN  
SCALE: 1/4" = 1'-0"

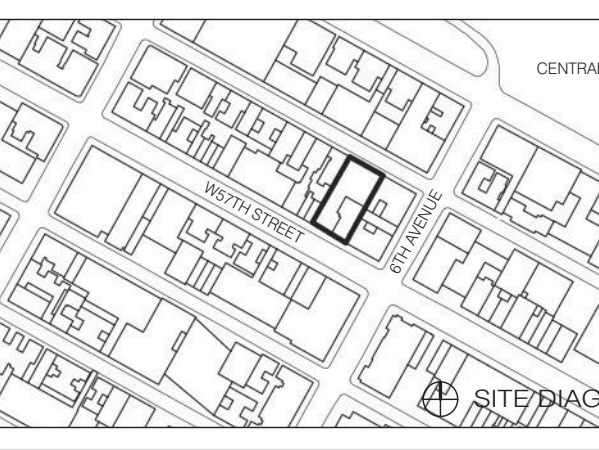
- NOTES
1. TOP OF SLAB EL. SEE ARCH. DRAWINGS.
  2. SLAB THICKNESS TO BE 12" UO.N. THIS ON PLAN.
  3. BOTTOM REINFORCEMENT TO BE #8@12 E-W CONTINUOUS FOR 3\"/>
- TOP AND BOTTOM REINFORCEMENT TO BE #8@14 E-W CONTINUOUS FOR 8\"/>

4. FOR BALANCE OF NOTES SEE DRAWING S-010.









DATE	ISSUE	NO.	DATE	REVISION
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04.21.2014	DO ISSUE			
12.20.2013	100% SD			
12.18.2013	80 DOB PLANS			

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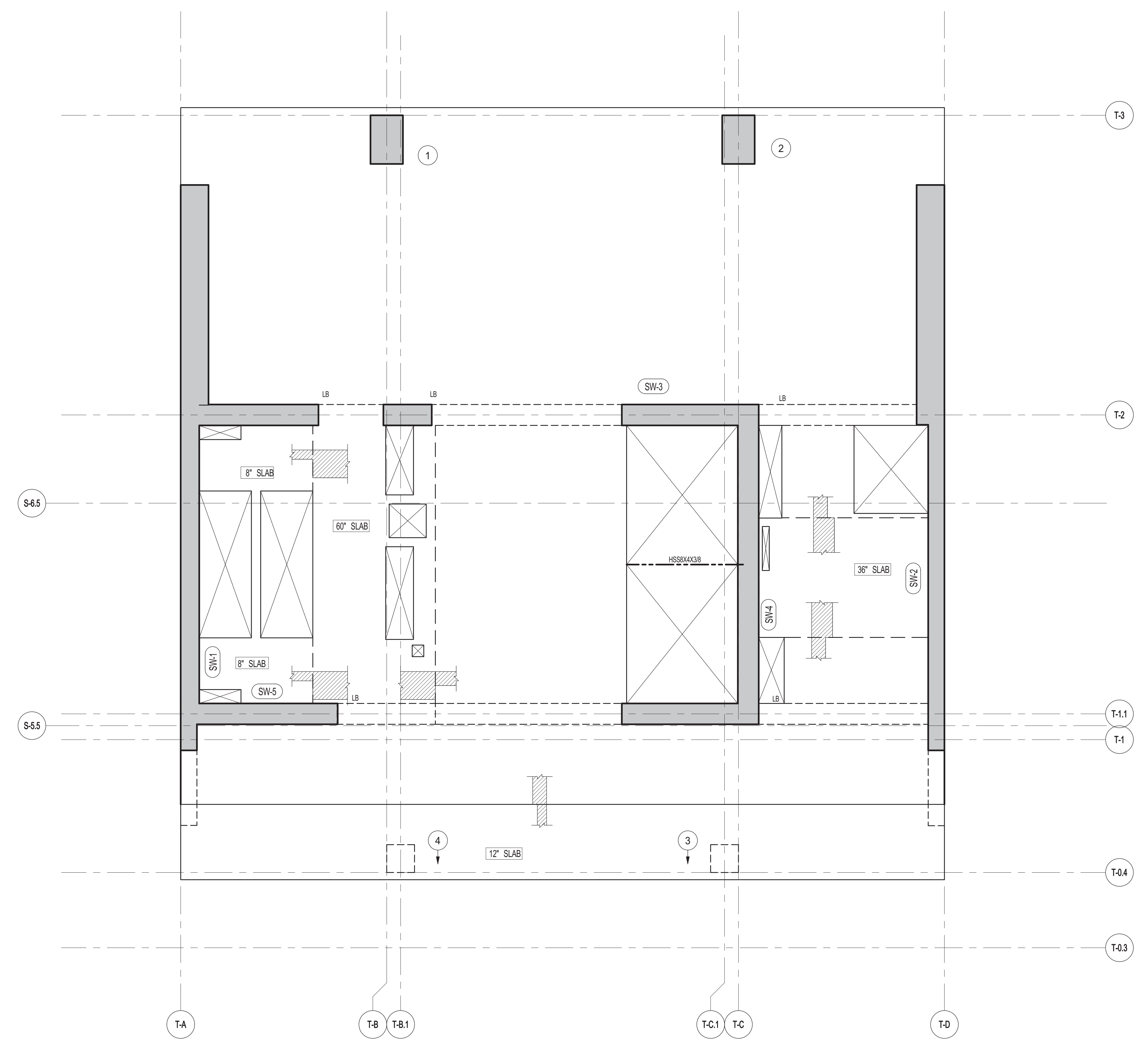
DRAWING TITLE

72ND FLOOR FRAMING PLAN

SEAL & SIGNATURE DATE 12.18.2013

PROJECT NO. 1310140  
DRAWN BY CADD  
CHECKED BY CL  
DOB NO.  
DRAWING NUMBER

S-720.00



1 72ND FLOOR FRAMING PLAN  
SCALE: 1/4" = 1'-0"

- NOTES:
- TOP OF SLAB EL. SEE ARCH DRAWINGS ON PLAN
  - SLAB THICKNESS TO BE 2" U.O.N. THIS ON PLAN
  - BOTTOM REINFORCEMENT TO BE: #8@12' E-W. CONTINUOUS FOR 30" SLAB  
#9@10' E-W. CONTINUOUS FOR 24" SLAB  
#9@12' E-W. CONTINUOUS FOR 12" SLAB  
#8@12' E-W. CONTINUOUS FOR 8" SLAB
  - TOP AND BOTTOM REINFORCEMENT TO BE #8@14" E-W. CONTINUOUS FOR 80" SLAB
4. FOR BALANCE OF NOTES SEE DRAWING S-601.



ARCHITECT	
SHAP ARCHITECTS, P.C. 225 BROADWAY, 11TH FLOOR NEW YORK, NY 10038 NY 212 869 9336	
STRUCTURAL ENGINEER	YUSEF GHAFOOR BEKHOOR 228 EAST 43RD STREET NEW YORK, NY 10017 NY 212 697 5886
MEP ENGINEER	JARVIS, SALAM & BOLLER 40 WINE STREET, 12TH FLOOR NEW YORK, NY 10038 NY 212 693 9333
CIVIL ENGINEER	AKRIF ENGINEERING, P.C. 40 WINE AND SOUTH 7TH FLOOR NEW YORK, NY 10038 NY 646 288 8928
ACOUSTICS	LONGMAN LINDSEY 40 WEST 40TH STREET, 4TH FLOOR NEW YORK, NY 10018 NY 917 288 3389
INTERIORS	STUDIOS J&S/FIELD 30 LAURETTE STREET NEW YORK, NY 10001 NY 212 475 1300
FACADE	BURROUGHS WERFIELD 105 SPADINA AVE. NEW YORK, NY 10013 NY 212 234 2625
VERTICAL TRANSPORTATION	VAN DEUSEN & ASSOCIATES 1 WRIGHT STREET, SUITE 204 LARKSPER, NJ 07033 NY 973 984 8775
RESTORATION	JAN HRO POKORNY ASSOCIATES 30 WEST 37TH STREET, 7TH FLOOR, 10A NEW YORK, NY 10018 NY 212 238 6482
GEOTECH	MICE 105 WEST 40TH STREET, 4TH FLOOR NEW YORK, NY 10018 NY 917 288 4935
LIGHTING	CONSERVATORIE INTERNATIONAL 105 WALKER STREET, 7TH FLOOR, EAST NEW YORK, NY 10001 NY 212 252 4463



PROPERTY MARKETS GROUP  
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 NY 212 869 9336  
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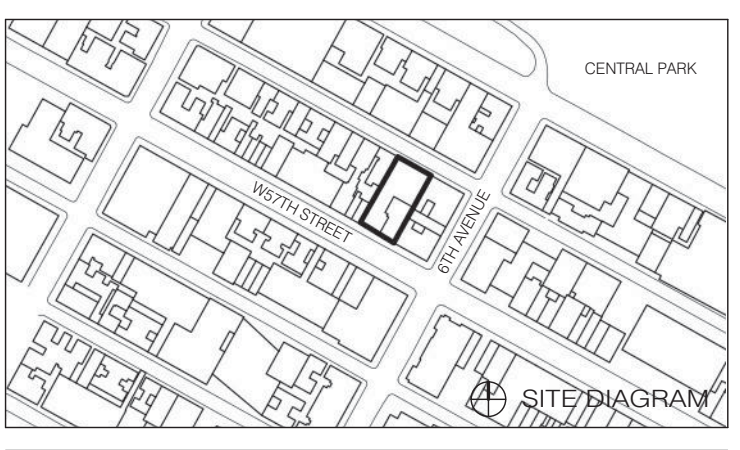


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111 WEST 57TH STREET  
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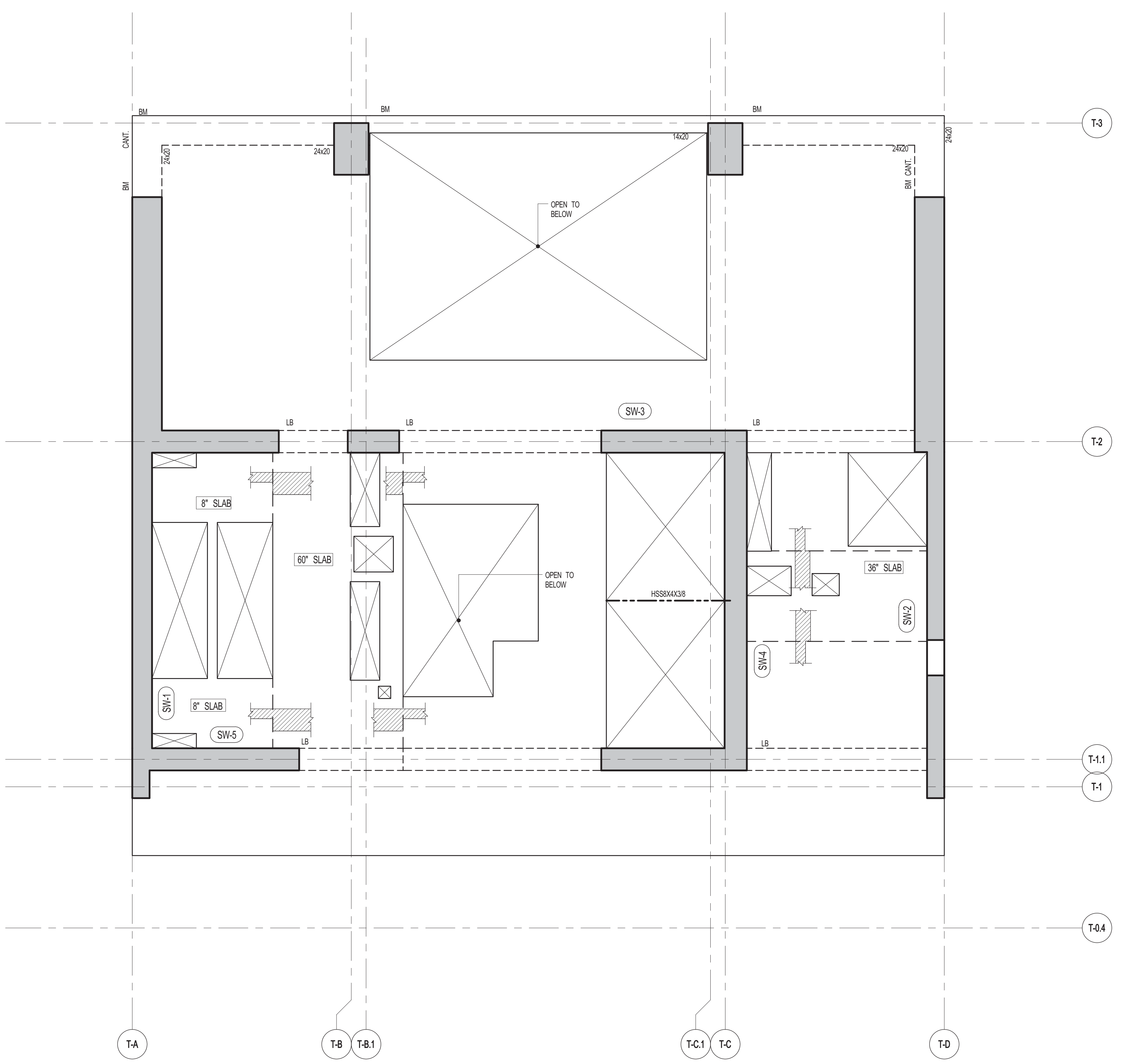
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73RD FLOOR FRAMING PLAN

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S-730.00



1 73RD FLOOR FRAMING PLAN  
 SCALE: 1/4" = 1'-0"

- NOTES:
1. TOP OF SLAB EL. SEE ARCH. DRAWINGS.
  2. SLAB THICKNESS TO BE 12" UNLESS OTHERWISE NOTED ON PLAN.
  3. BOTTOM REINFORCEMENT TO BE: #8@12" E-W, CONTINUOUS FOR 36" SLAB; #8@12" E-W, CONTINUOUS FOR 12" SLAB; #8@12" E-W, CONTINUOUS FOR 6" SLAB.
  4. TOP AND BOTTOM REINFORCEMENT TO BE #8@14" E-W, CONTINUOUS FOR 60" SLAB.
- FOR BALANCE OF NOTES SEE DRAWING S-701.



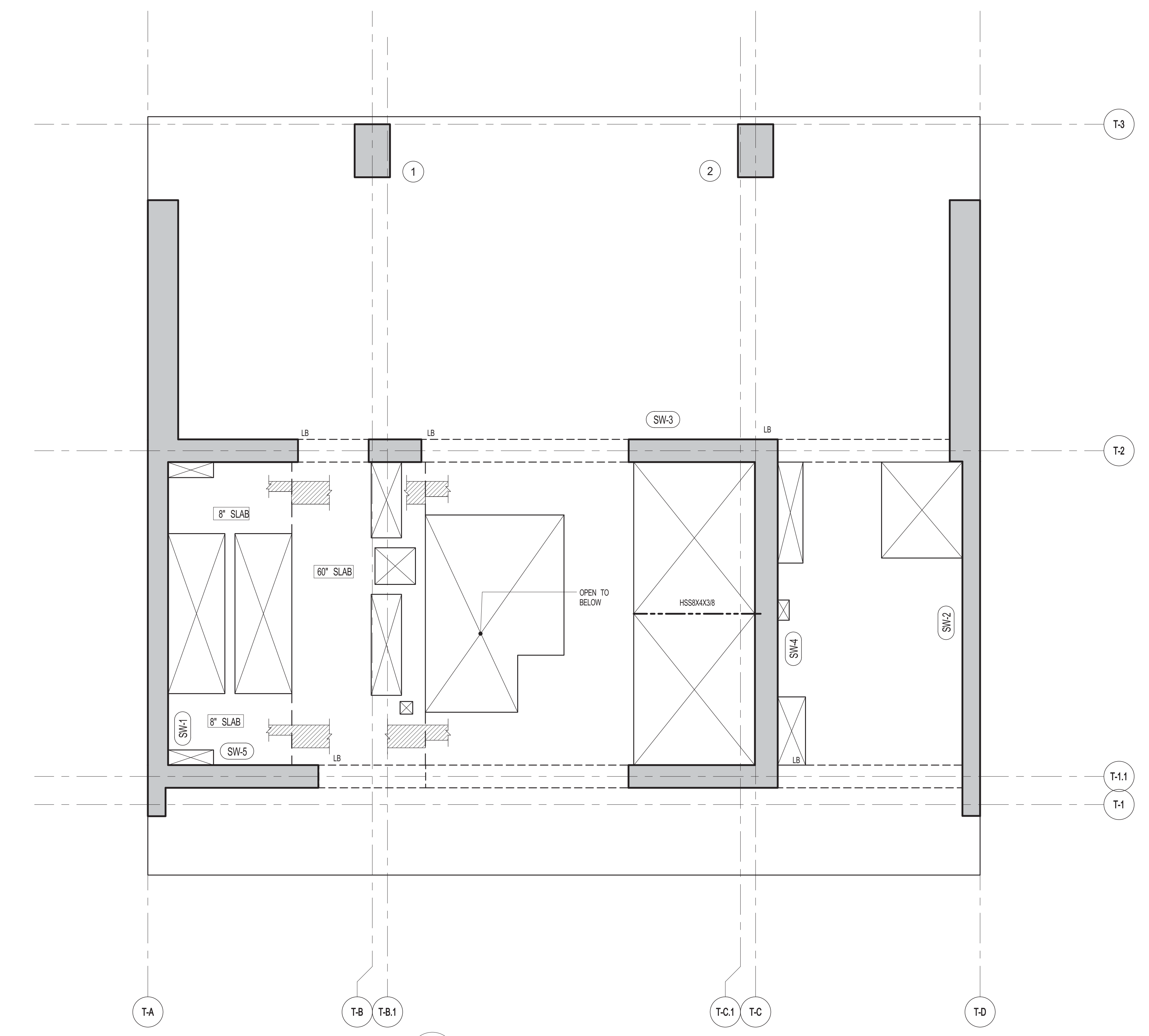
ARCHITECT	
SHAP ARCHITECTS, P.C. 225 BROADWAY, 11TH FLOOR NEW YORK, NY 10038 NY 212 693 9336	
STRUCTURAL ENGINEER	FAÇADE
YUSEF CHANTOU BERKOW 228 EAST 43RD STREET NEW YORK, NY 10017 NY 212 697 5886	SHURCO HARFIELD 105 SPENCER ST. NEW YORK, NY 10002 NY 212 234 2625
MEP ENGINEER	VERTICAL TRANSPORTATION
JARVIS, BAUM & BOLLER 40 WEST STREET, 12TH FLOOR NEW YORK, NY 10005 NY 212 693 9333	VAN DEUSEN & ASSOCIATES 10 WEST STREET, SUITE 201 LARKSPER, NJ 07033 NJ 908 984 8775
CIVIL ENGINEER	RESTORATION
ARIF E. GONERLAL, P.C. 40 WEST 44TH STREET, 7TH FLOOR NEW YORK, NY 10018 NY 212 268 2628	JAN HIRSH FOKORNY ASSOCIATES 20 WEST 57TH STREET, 11TH FLOOR NEW YORK, NY 10019 NY 212 239 4442
ACOUSTICS	GEOTECH
LONGMAN LINDSEY 40 WEST 44TH STREET, 4TH FLOOR NEW YORK, NY 10018 NY 212 268 2628	MICE 305 WEST 43RD STREET, 4TH FLOOR NEW YORK, NY 10018 NY 212 268 4900
INTERIORS	LIGHTING
STUDIO JENSEN 30 LAURENCE STREET NEW YORK, NY 10001 NY 212 475 1300	CONSERVATORIE INTERNATIONAL 105 WALL STREET, 7TH FLOOR EAST NEW YORK, NY 10001 NY 212 252 4463



PROPERTY MARKETS GROUP  
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**1**  
S-740  
**74TH FLOOR FRAMING PLAN**  
SCALE: 1/4" = 1'-0"

- NOTES:
1. TOP OF SLAB EL. SEE ARCH. DRAWINGS.
  2. SLAB THICKNESS TO BE 3" UNLESS OTHERWISE NOTED ON PLAN.
  3. BOTTOM REINFORCEMENT TO BE: #8@12" E-W, CONTINUOUS FOR 30" SLAB; #8@10" E-W, CONTINUOUS FOR 24" SLAB; #8@12" E-W, CONTINUOUS FOR 8" SLAB.
  4. TOP AND BOTTOM REINFORCEMENT TO BE #8@12" E-W, CONTINUOUS FOR 60" SLAB.
  5. FOR BALANCE OF NOTES SEE DRAWING S-410.

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STRUCTURAL ENGINEER	YUSEF GANTOUB & PARTNERS 225 EAST 47TH STREET NEW YORK, NY 10017 TEL: 212 867 5886
MEP ENGINEER	JANOSI, BAIAM & BOLLER 40 WEST STREET, 12TH FLOOR NEW YORK, NY 10005 TEL: 212 869 3636
CIVIL ENGINEER	AWRIF & GENERAL, P.C. 40 WEST 44TH STREET, 7TH FLOOR NEW YORK, NY 10018 TEL: 212 869 3636
ACOUSTICS	LONGMAN LINDSEY 40 WEST 44TH STREET, 4TH FLOOR NEW YORK, NY 10018 TEL: 212 869 3636
INTERIORS	STUDIO JENSEN 30 WALKER STREET NEW YORK, NY 10002 TEL: 212 475 1300
FAÇADE	BURROUGHS WERFIELD 105 BROADWAY NEW YORK, NY 10005 TEL: 212 234 2025
VERTICAL TRANSPORTATION	VAN DEUSEN & ASSOCIATES 100 WEST STREET, SUITE 200 LARKSPER, NJ 07033 TEL: 973 984 4775
RESTORATION	JAN HERS FOKORNY ASSOCIATES 20 WEST 57TH STREET, 11TH FLOOR NEW YORK, NY 10019 TEL: 212 234 6882
GEOTECH	MRICE 305 WEST 45TH STREET, 4TH FLOOR NEW YORK, NY 10018 TEL: 917 288 4935
LIGHTING	CONSERVATORIE INTERNATIONAL 105 WALKER STREET, 7TH FLOOR EAST NEW YORK, NY 10002 TEL: 212 252 4463

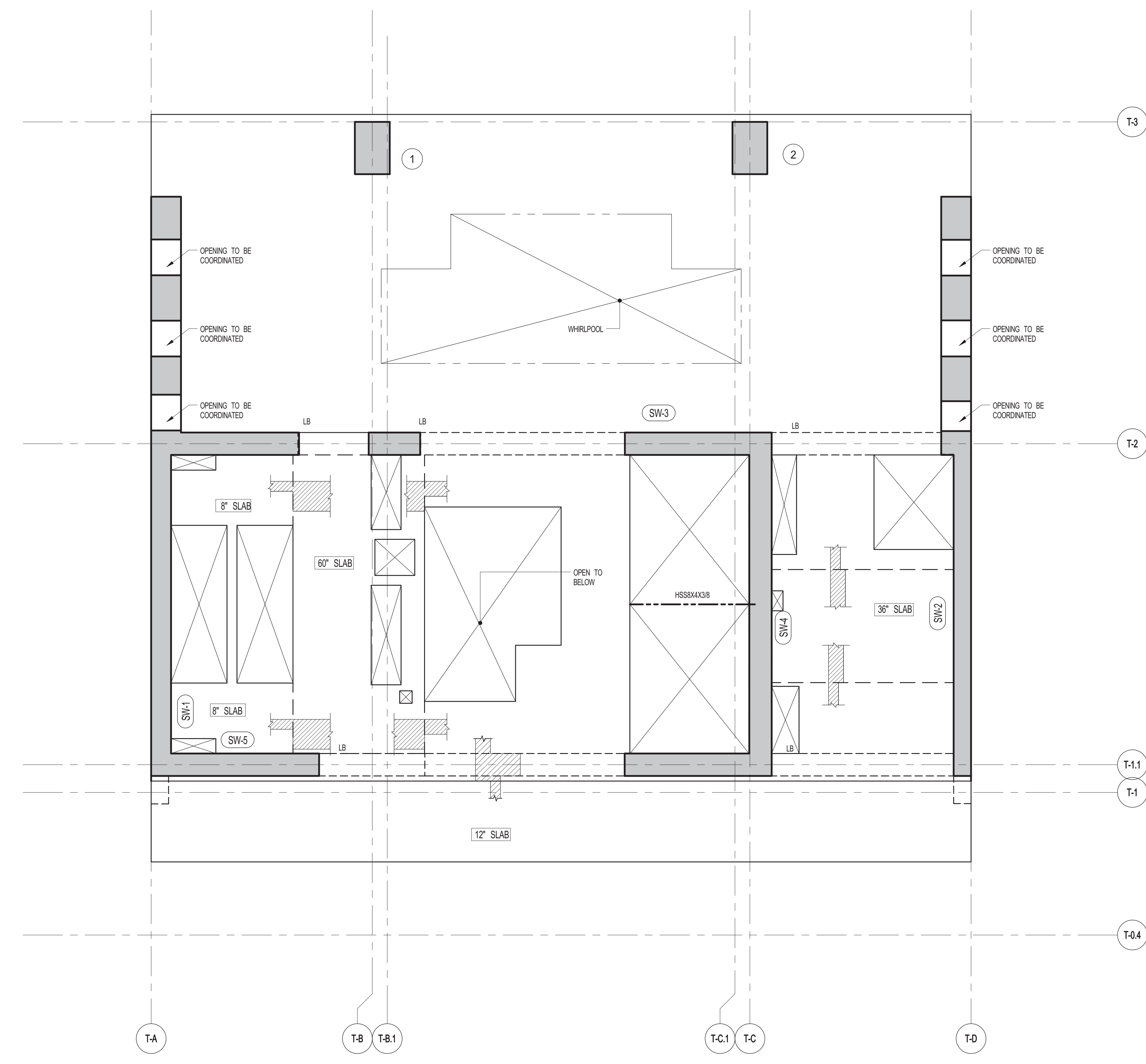
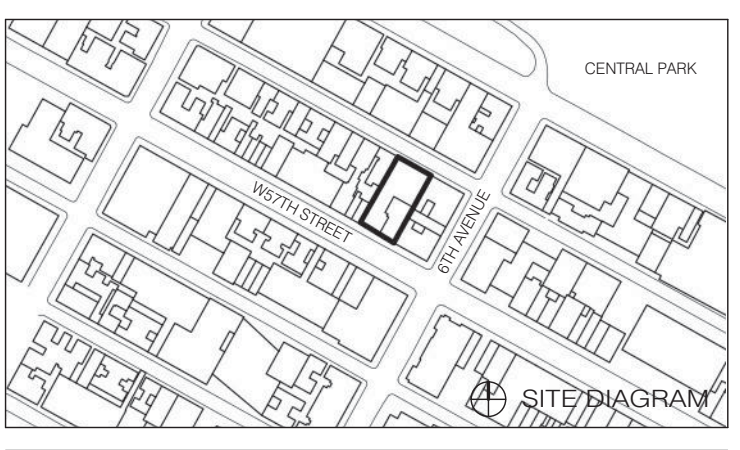


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**1 75TH FLOOR FRAMING PLAN**  
S-750 SCALE: 1/4" = 1'-0"

- NOTES:
- TOP OF SLAB EL. SEE ARCH. DRAWINGS.
  - SLAB THICKNESS TO BE 2" UOIN THIS ON PLAN.
  - BOTTOM REINFORCEMENT TO BE #8@12 E-W CONTINUOUS FOR 3' SLAB #8@10 E-W CONTINUOUS FOR 2' SLAB #8@12 E-W CONTINUOUS FOR 1' SLAB #8@12 E-W CONTINUOUS FOR 8' SLAB
  - TOP AND BOTTOM REINFORCEMENT TO BE #8@14" E-W CONTINUOUS FOR 6' SLAB FOR BALANCE OF NOTES SEE DRAWING S-405.

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DRAWING TITLE  
**75TH FLOOR FRAMING PLAN**

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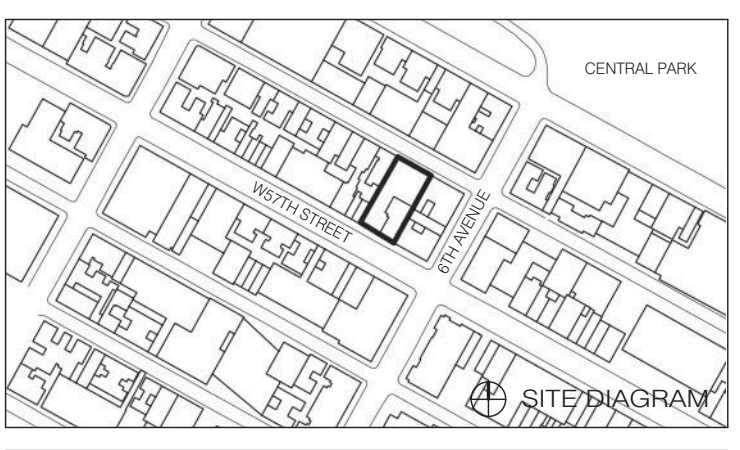
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04.21.2014	DOB ISSUE			
12.20.2013	100% SD			
12.18.2013	80% DOB PLANS			

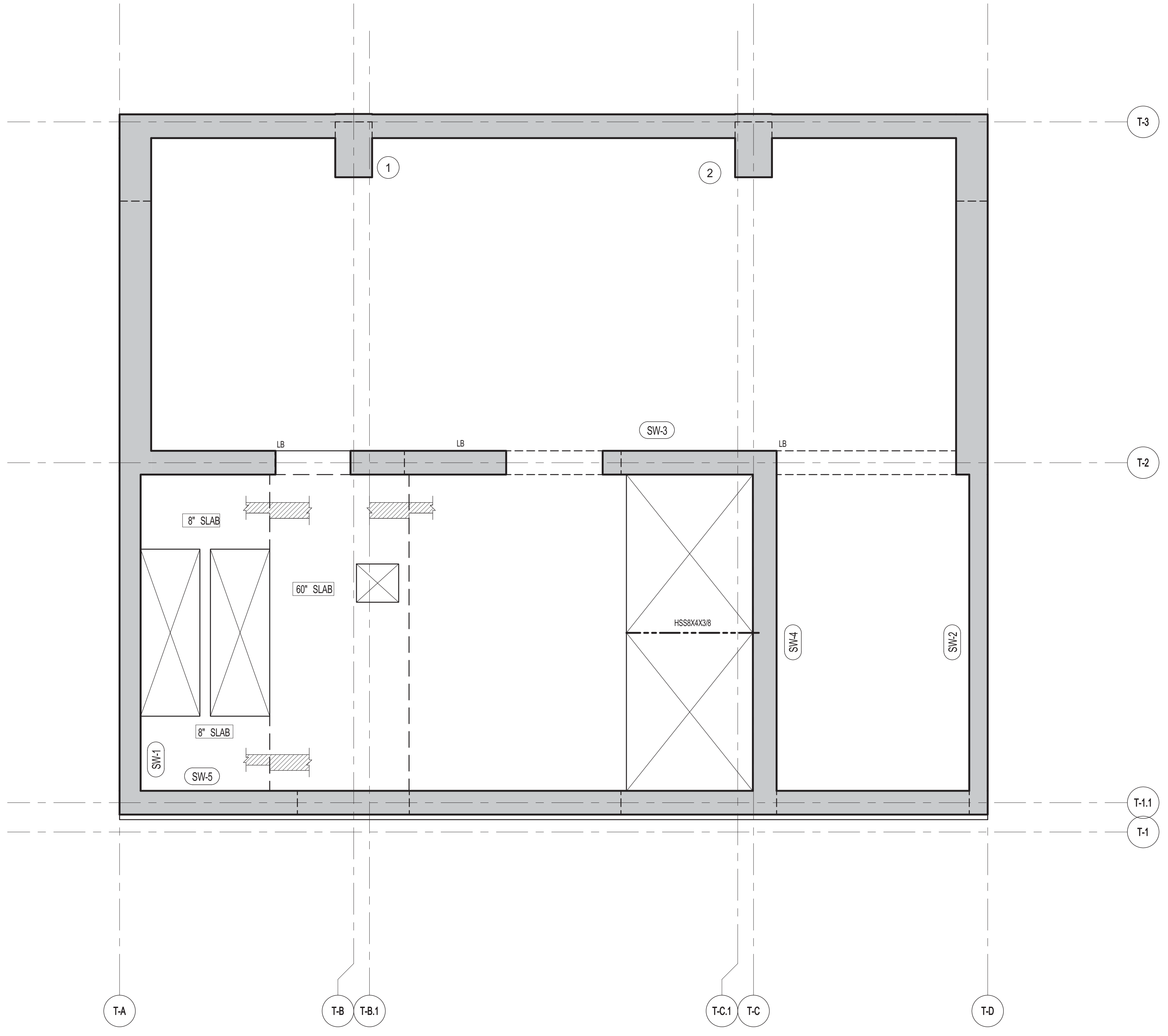
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**76TH & 77TH FLOOR FRAMING PLAN**

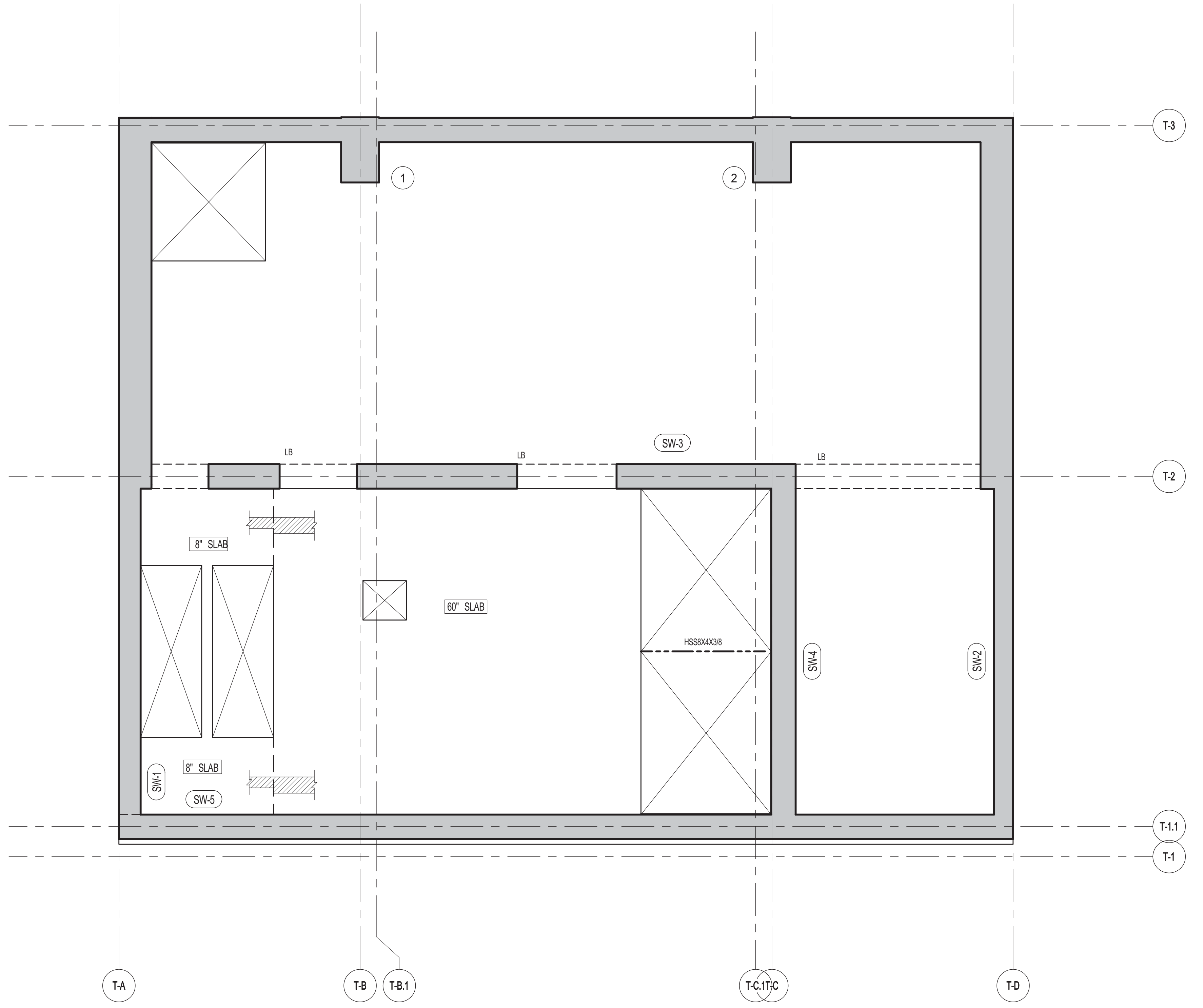
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	DRAWING NUMBER	

**S-760.00**



**1 76TH FLOOR FRAMING PLAN**  
SCALE: 1/4" = 1'-0"

- NOTES:  
1. TOP OF SLAB EL. SEE ARCH. DRAWINGS.  
2. SLAB THICKNESS TO BE 24" UNLESS OTHERWISE NOTED ON PLAN.  
3. TOP AND BOTTOM REINFORCEMENT TO BE #6@10" E-W. CONTINUOUS FOR 24" SLAB.  
4. FOR BALANCE OF NOTES SEE DRAWING S-610.



**2 77TH FLOOR FRAMING PLAN**  
SCALE: 1/4" = 1'-0"

- NOTES:  
1. TOP OF SLAB EL. SEE ARCH. DRAWINGS.  
2. SLAB THICKNESS TO BE 12" UNLESS OTHERWISE NOTED ON PLAN.  
3. TOP AND BOTTOM REINFORCEMENT TO BE #6@10" E-W. CONTINUOUS FOR 12" SLAB.  
4. FOR BALANCE OF NOTES SEE DRAWING S-610.





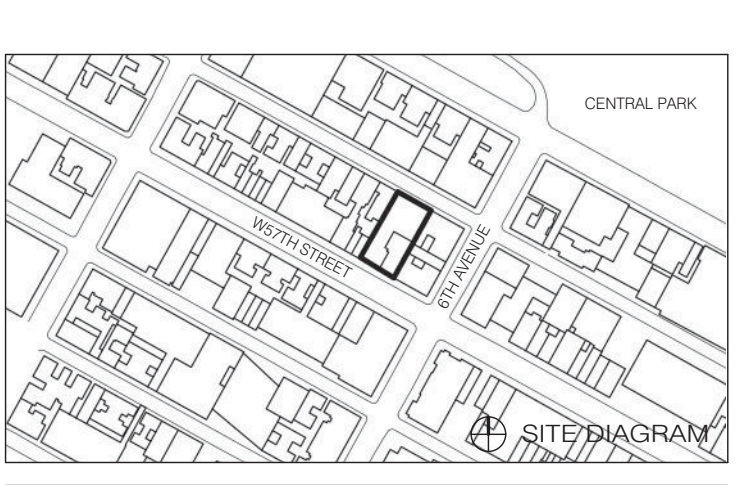
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12.20.2013	100% SD			
12.18.2013	80 DOB PLANS			

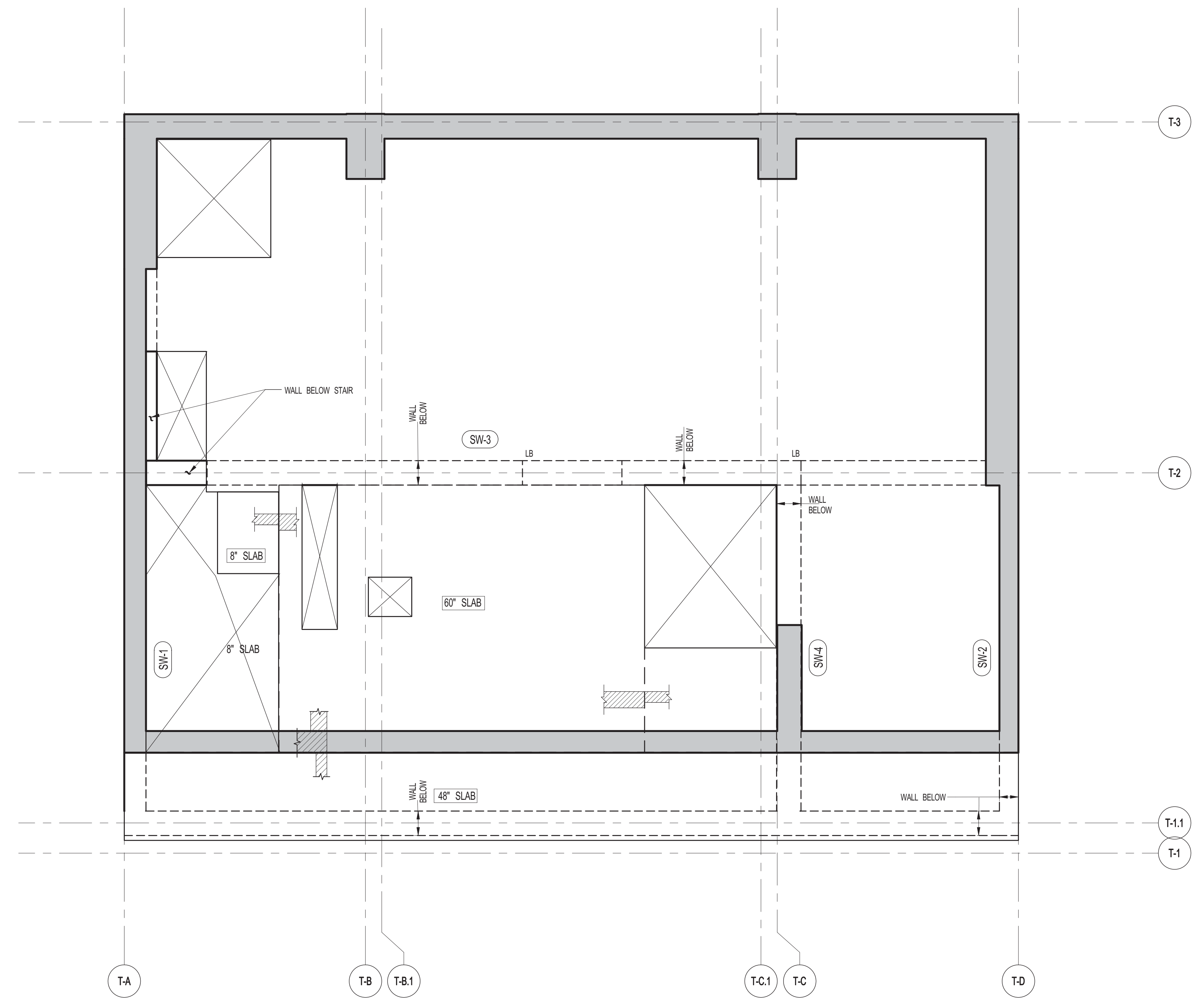
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78TH & 79TH FLOOR FRAMING PLAN

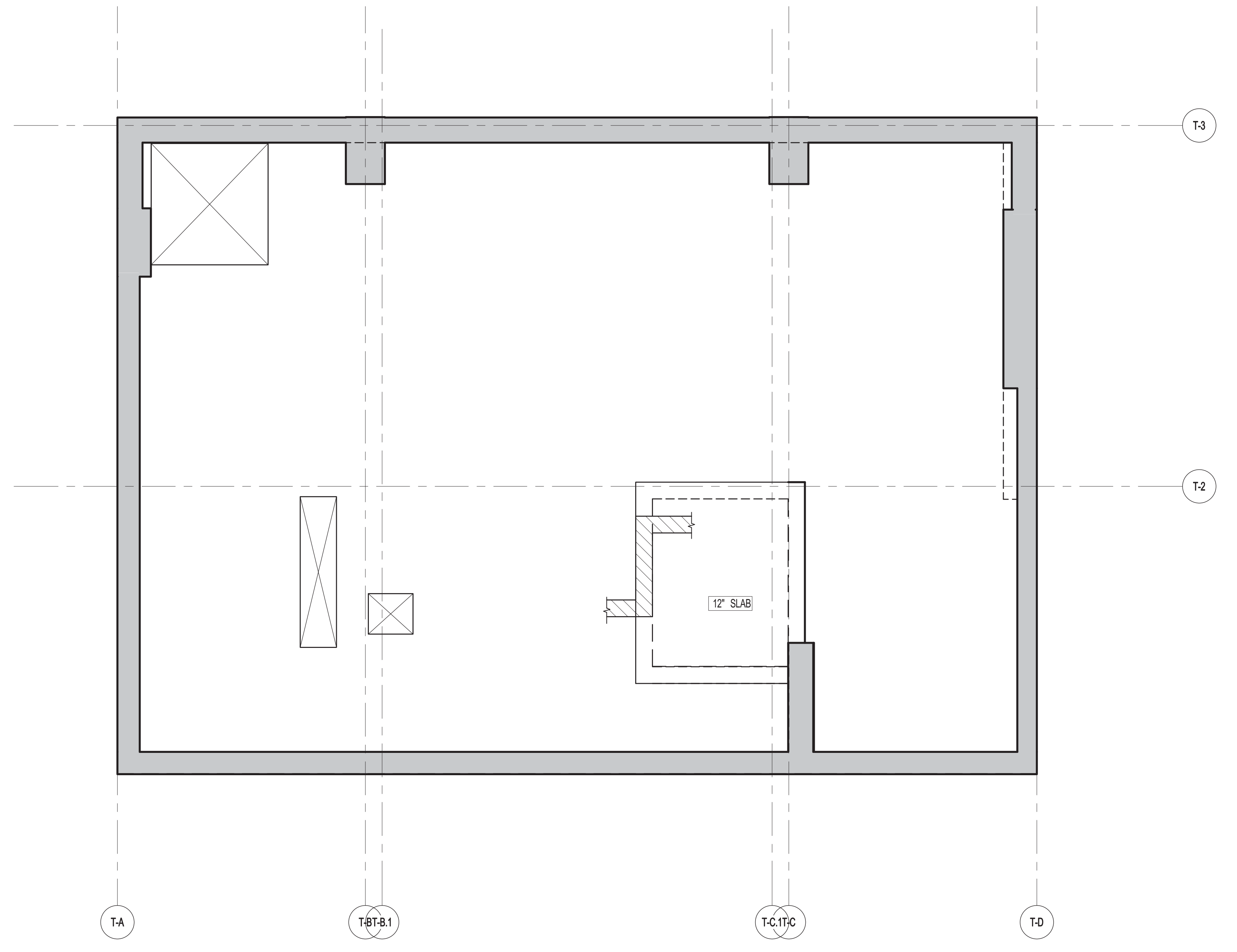
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	12.18.2013
	1310140
	CADD
	CL
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	DRAWING NUMBER

S-780.00



**1 78TH FLOOR FRAMING PLAN**  
SCALE: 1/4" = 1'-0"

- NOTES:
- TOP OF SLAB EL. SEE ARCH. DRAWINGS.
  - SLAB THICKNESS TO BE 12" U.O.N. THIS  ON PLAN.
  - BOTTOM REINFORCEMENT TO BE: #8@12 E.W. CONTINUOUS FOR 36" SLAB  
#8@12 E.W. CONTINUOUS FOR 12" SLAB  
#8@12 E.W. CONTINUOUS FOR 8" SLAB  
TOP AND BOTTOM REINFORCEMENT TO BE: #8@14 E.W. CONTINUOUS FOR 6" SLAB  
#8@10 E.W. CONTINUOUS FOR 4" SLAB
  - FOR BALANCE OF NOTES SEE DRAWING S-010.



**2 79TH FLOOR FRAMING PLAN**  
SCALE: 1/4" = 1'-0"

- NOTES:
- TOP OF SLAB EL. SEE ARCH. DRAWINGS.
  - SLAB THICKNESS TO BE 12" U.O.N. THIS  ON PLAN.
  - BOTTOM REINFORCEMENT TO BE: #8@12 E.W. CONTINUOUS FOR 12" SLAB  
TOP AND BOTTOM REINFORCEMENT TO BE: #8@10 E.W. CONTINUOUS FOR 4" SLAB
  - FOR BALANCE OF NOTES SEE DRAWING S-010.



ARCHITECT	SHAP ARCHITECTS, P.C. 220 BROADWAY, 11TH FLOOR NEW YORK, NY 10005 TEL: 212 869 9300	FACADE	SHUPCO HARPOLO 100 SPENCER ST NEW YORK, NY 10002 TEL: 212 234 2025
STRUCTURAL ENGINEER	YSP GROUP INCORPORATED 220 EAST 43RD STREET NEW YORK, NY 10017 TEL: 212 697 5886	VERTICAL TRANSPORTATION	VAN DEUSEN & ASSOCIATES 100 WEST STREET, SUITE 2014 LARKSPUR, NJ 07033 TEL: 973 984 8770
MEP ENGINEER	JARVIS, SALAM & BOLLER 80 WEST STREET, 12TH FLOOR NEW YORK, NY 10005 TEL: 212 693 0033	RESTORATION	JAN HED FORKORNY ASSOCIATES 20 WEST 57TH STREET, 4TH FLOOR NEW YORK, NY 10019 TEL: 212 234 6882
CIVIL ENGINEER	ARUP ENGINEERING, P.C. 40 FIFTH AVE, 26TH FLOOR NEW YORK, NY 10001 TEL: 212 260 2800	GEOTECH	MTICE 305 WEST 4TH STREET, 4TH FLOOR NEW YORK, NY 10014 TEL: 917 288 4900
ACOUSTICS	LONGMAN LINDSEY 40 WEST 57TH STREET, 4TH FLOOR NEW YORK, NY 10019 TEL: 917 288 4900	INTERIORS	STUDIO JOSEPH 200 WEST 4TH STREET NEW YORK, NY 10011 TEL: 212 475 1300
			CONSERVATORIE INTERNATIONAL 100 WALL STREET, 7TH FLOOR EAST NEW YORK, NY 10005 TEL: 212 252 4463



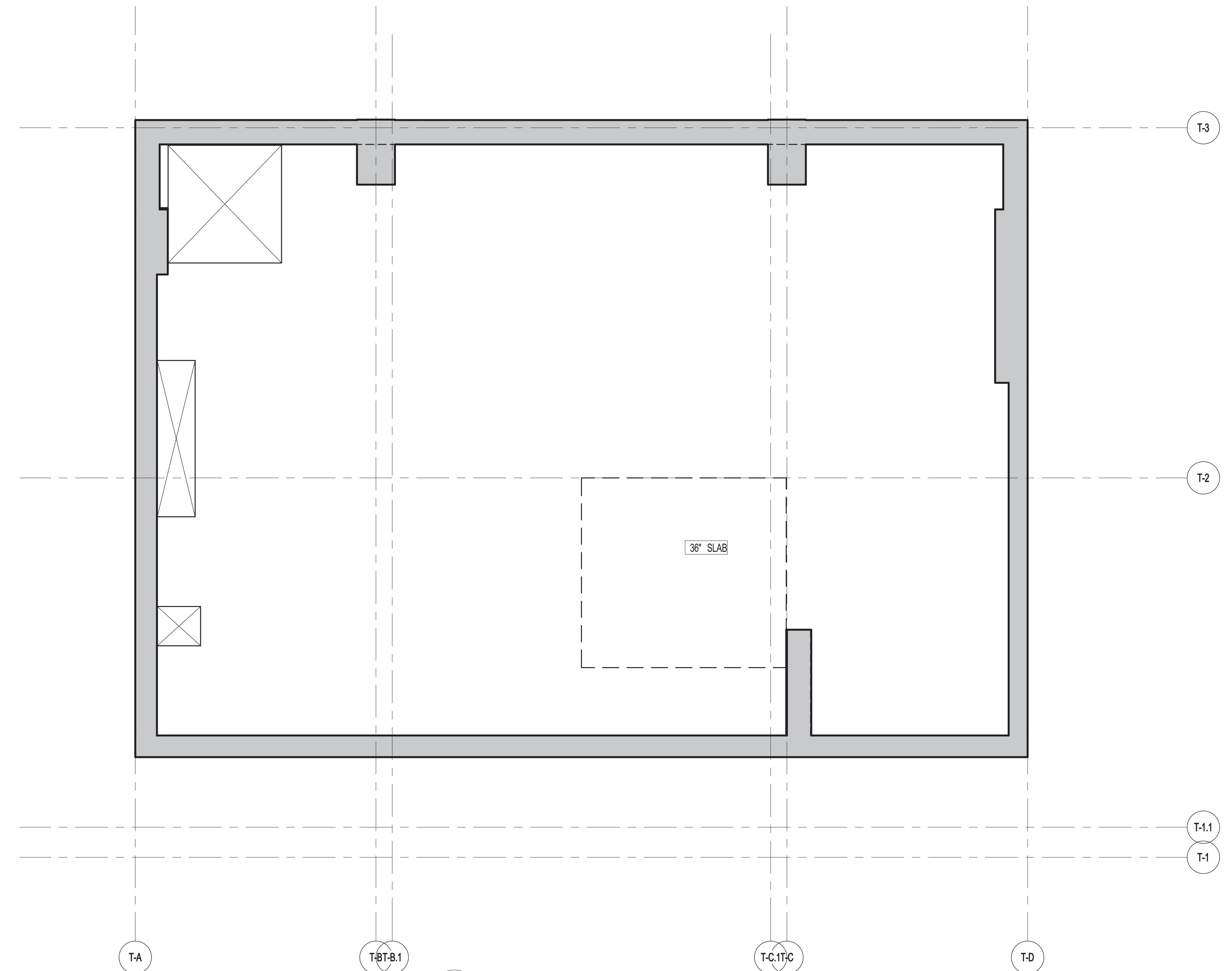
PROPERTY MARKETS GROUP  
100 WEST 57TH STREET, 2ND FLOOR  
NEW YORK, NY 10019  
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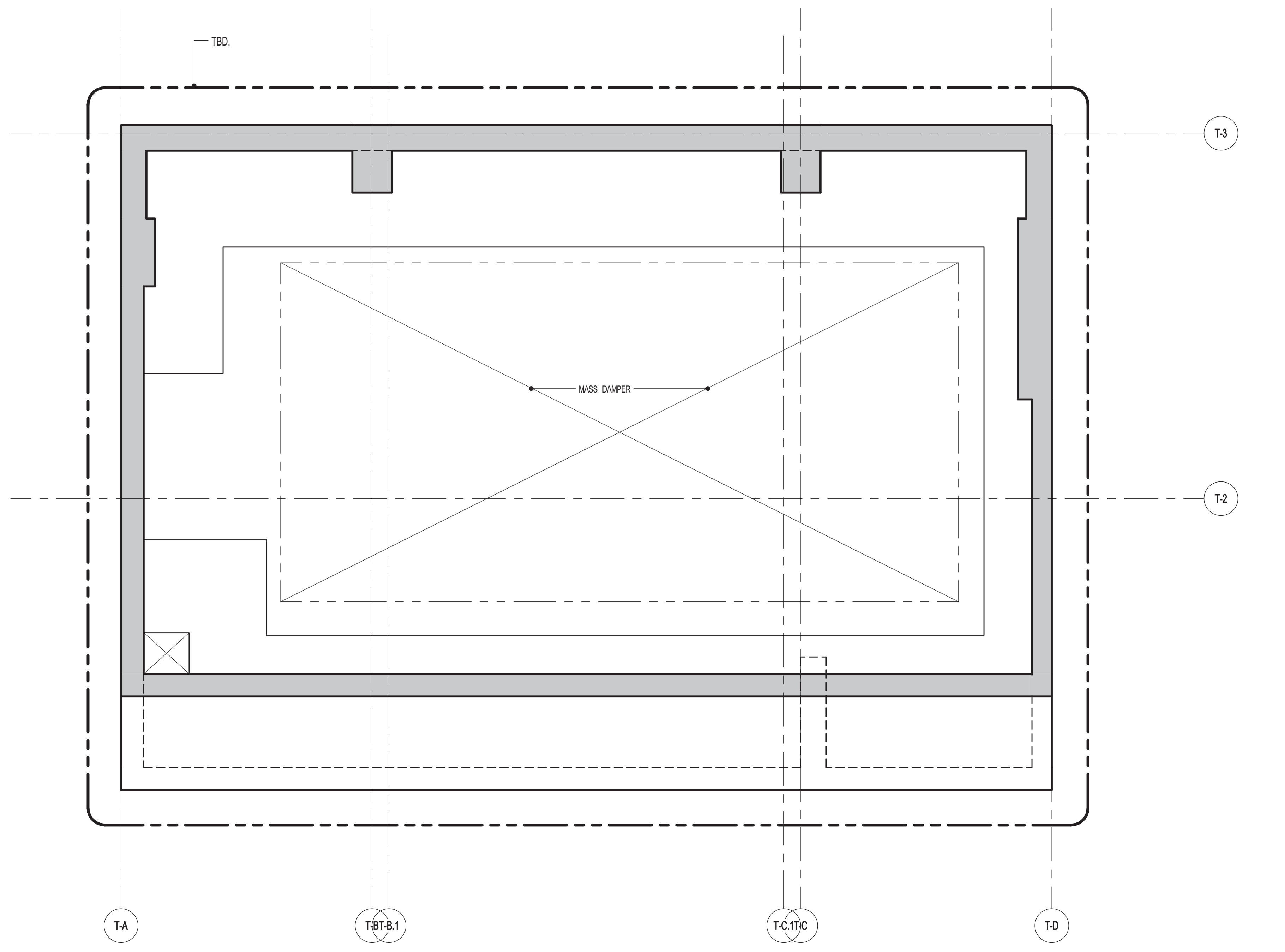
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1 80TH FLOOR FRAMING PLAN  
SCALE: 1/4" = 1'-0"

- NOTES:
1. TOP OF SLAB EL. SEE ARCH. DRAWINGS.
  2. SLAB THICKNESS TO BE 4" U.O.N. THIS [ ] ON PLAN.
  3. BOTTOM REINFORCEMENT TO BE #8@10" E.W. CONTINUOUS FOR 36" SLAB. TOP AND BOTTOM REINFORCEMENT TO BE #8@10" E.W. CONTINUOUS FOR 48" SLAB.
  4. FOR BALANCE OF NOTES SEE DRAWING S-010.



2 81ST & 82ND FLOOR FRAMING PLAN  
SCALE: 1/4" = 1'-0"

- NOTES:
1. TBD.

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111 WEST 57TH STREET



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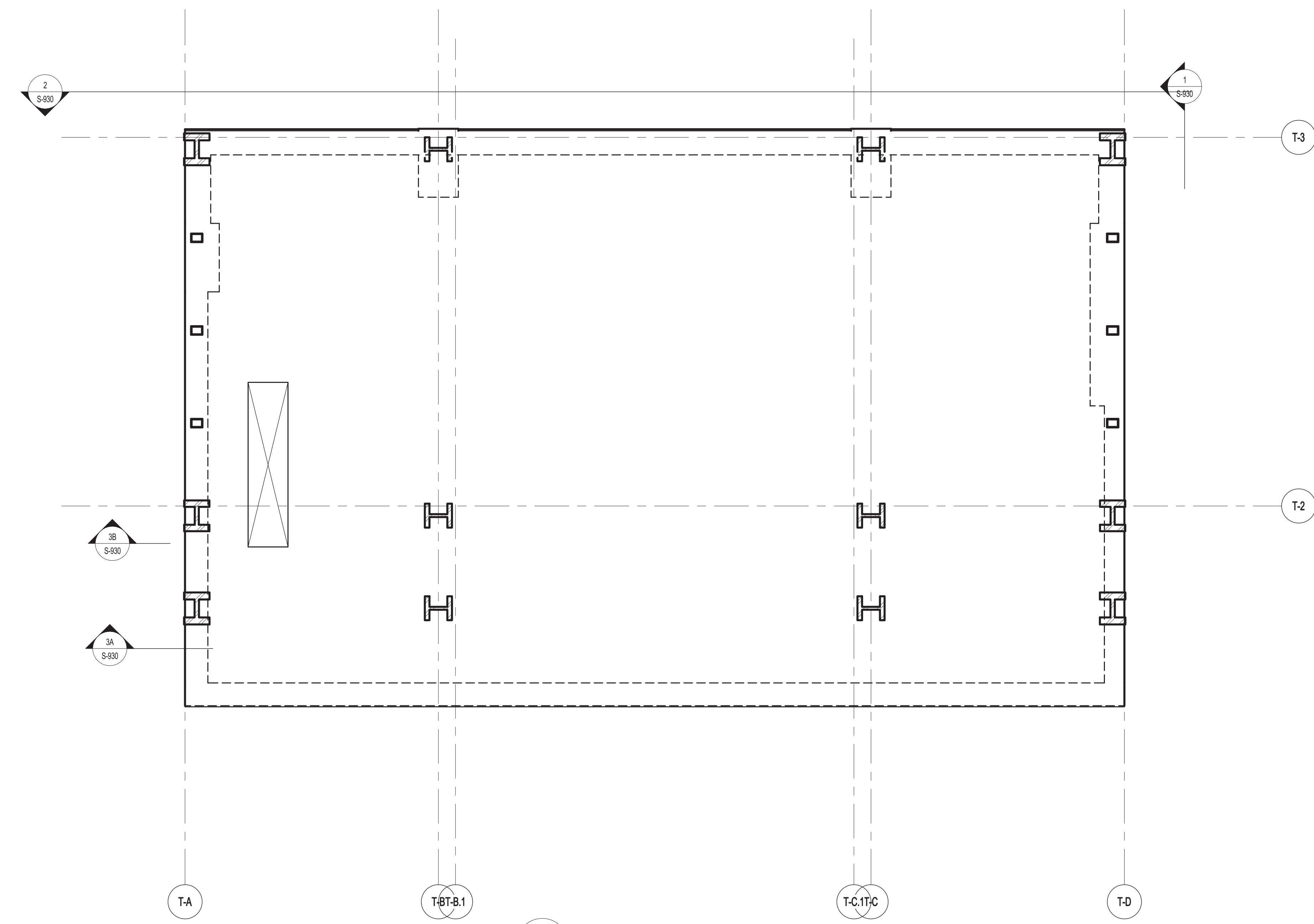
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80TH -82ND FLOOR FRAMING PLAN

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**1**  
83RD FLOOR FRAMING PLAN  
SCALE: 1/4" = 1'-0"

- NOTES:
1. TOP OF SLAB EL. SEE ARCH. DRAWINGS.
  2. SLAB THICKNESS TO BE 4" UNLESS SHOWN OTHERWISE ON PLAN.
  3. TOP AND BOTTOM REINFORCEMENT TO BE #6@10 E.W. CONTINUOUS FOR 4" SLAB.
  4. FOR BALANCE OF NOTES SEE DRAWING S-010.



JDS DEVELOPMENT GROUP  
100 WEST 47TH STREET, 8TH FLOOR  
NEW YORK, NY 10019  
TEL: 212 880 3000



ARCHITECT  
SHAP ARCHITECTS, P.C.  
220 BROADWAY, 11TH FLOOR  
NEW YORK, NY 10005  
TEL: 212 880 3000

STRUCTURAL ENGINEER  
YUSEF GHAFOUR BERKOWITZ  
220 EAST 43RD STREET  
NEW YORK, NY 10017  
TEL: 212 897 5886

MEP ENGINEER  
JACOBS, BAUM & BOLLER  
30 RINE STREET, 12TH FLOOR  
NEW YORK, NY 10005  
TEL: 212 880 3000

CIVIL ENGINEER  
ARUP ENGINEERING, P.C.  
40 FIFTH AVE, 26TH FLOOR  
NEW YORK, NY 10018  
TEL: 212 880 3000

ACOUSTICS  
LONGMAN LINDSEY  
40 WEST 38TH STREET, 4TH FLOOR  
NEW YORK, NY 10018  
TEL: 917 338 3339

INTERIORS  
STUDIO JOSEPH  
30 LAURENCE STREET  
NEW YORK, NY 10003  
TEL: 212 475 1300

FAÇADE  
BURROUGHS WAPFELD  
100 SPENCER ST.  
NEW YORK, NY 10002  
TEL: 212 234 2025

VERTICAL TRANSPORTATION  
VAN DEUSEN & ASSOCIATES  
100 WEST STREET, SUITE 200  
LARKSPER, NJ 07033  
TEL: 973 984 4770

RESTORATION  
JAN HERS FOKORNY ASSOCIATES  
30 WEST 17TH STREET, 11TH FLOOR  
NEW YORK, NY 10011  
TEL: 212 238 6882

GEOTECH  
MICE  
305 WEST 43RD STREET, 4TH FLOOR  
NEW YORK, NY 10018  
TEL: 917 338 4900

LIGHTING  
CONSERVATORIE INTERNATIONAL  
100 WALL STREET, 7TH FLOOR EAST  
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**83RD FLOOR FRAMING PLAN**

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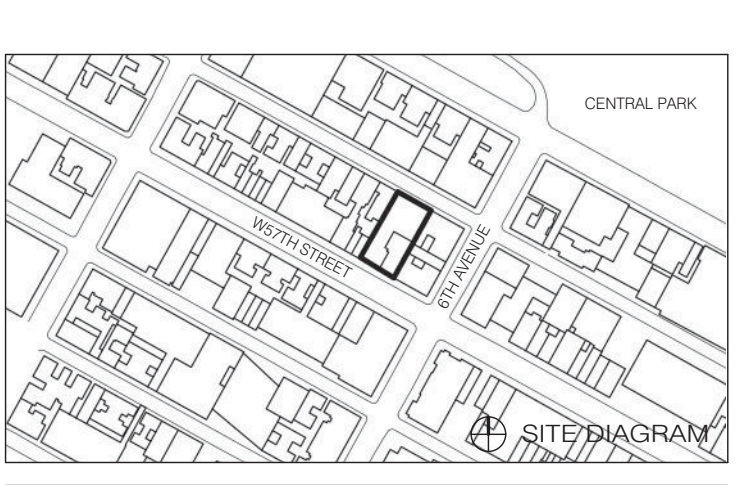
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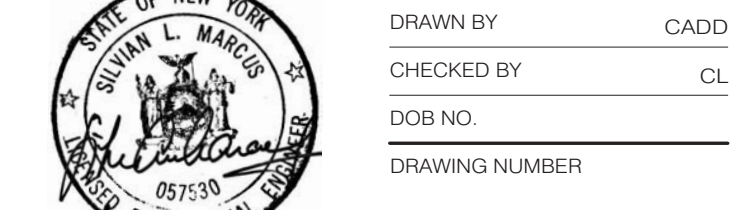
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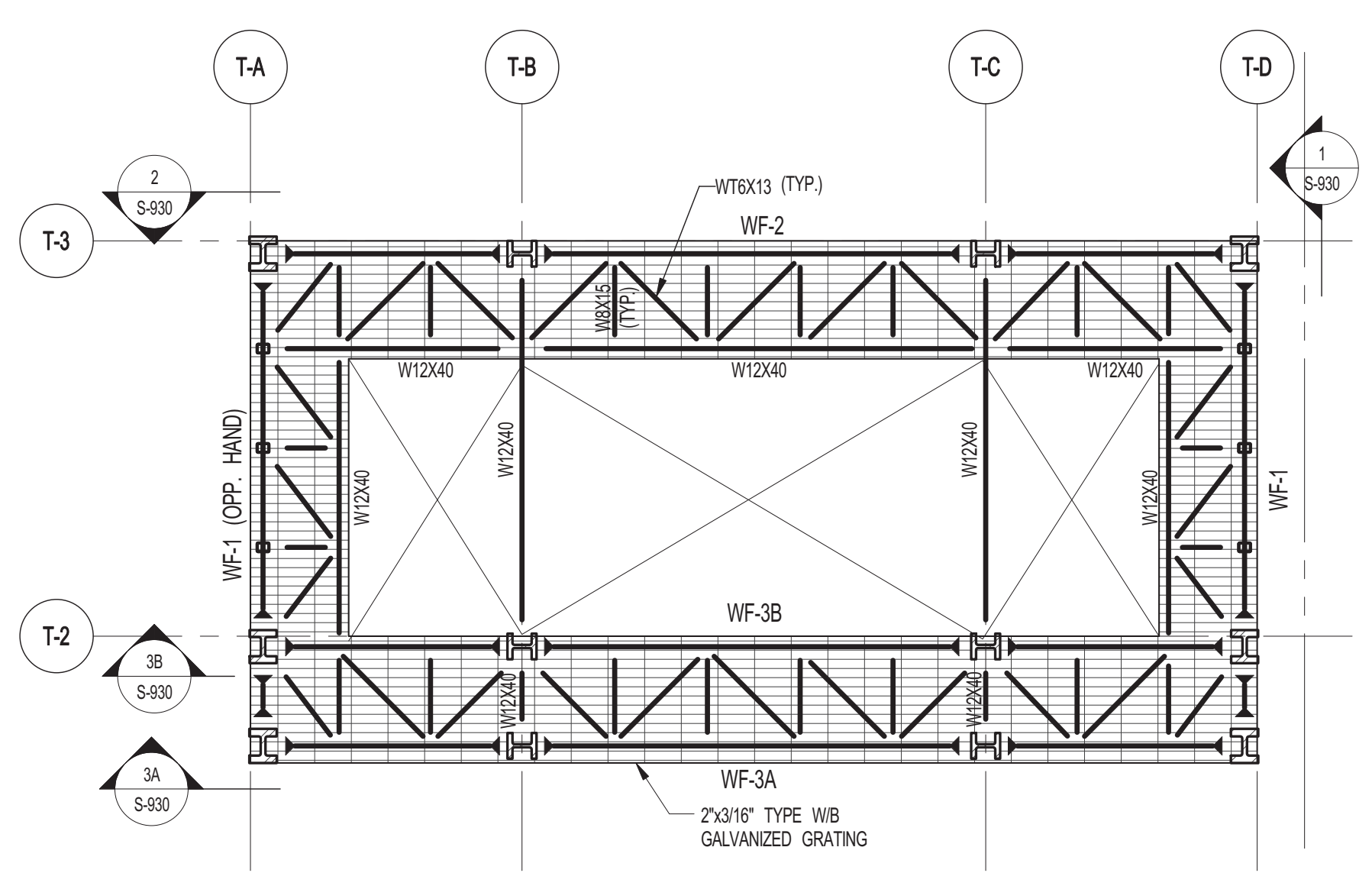
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**84TH-93RD FRAMING PLANS**

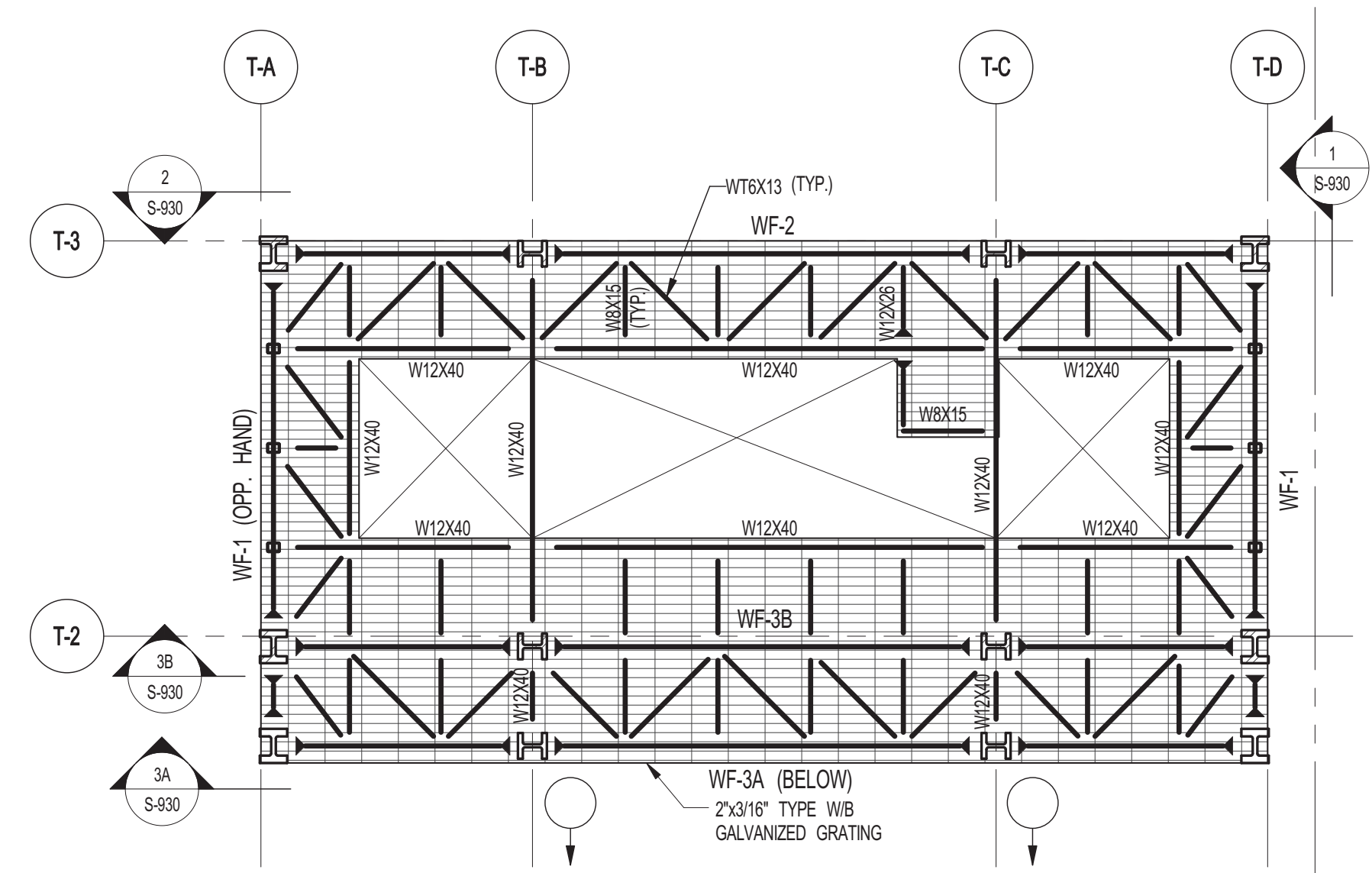
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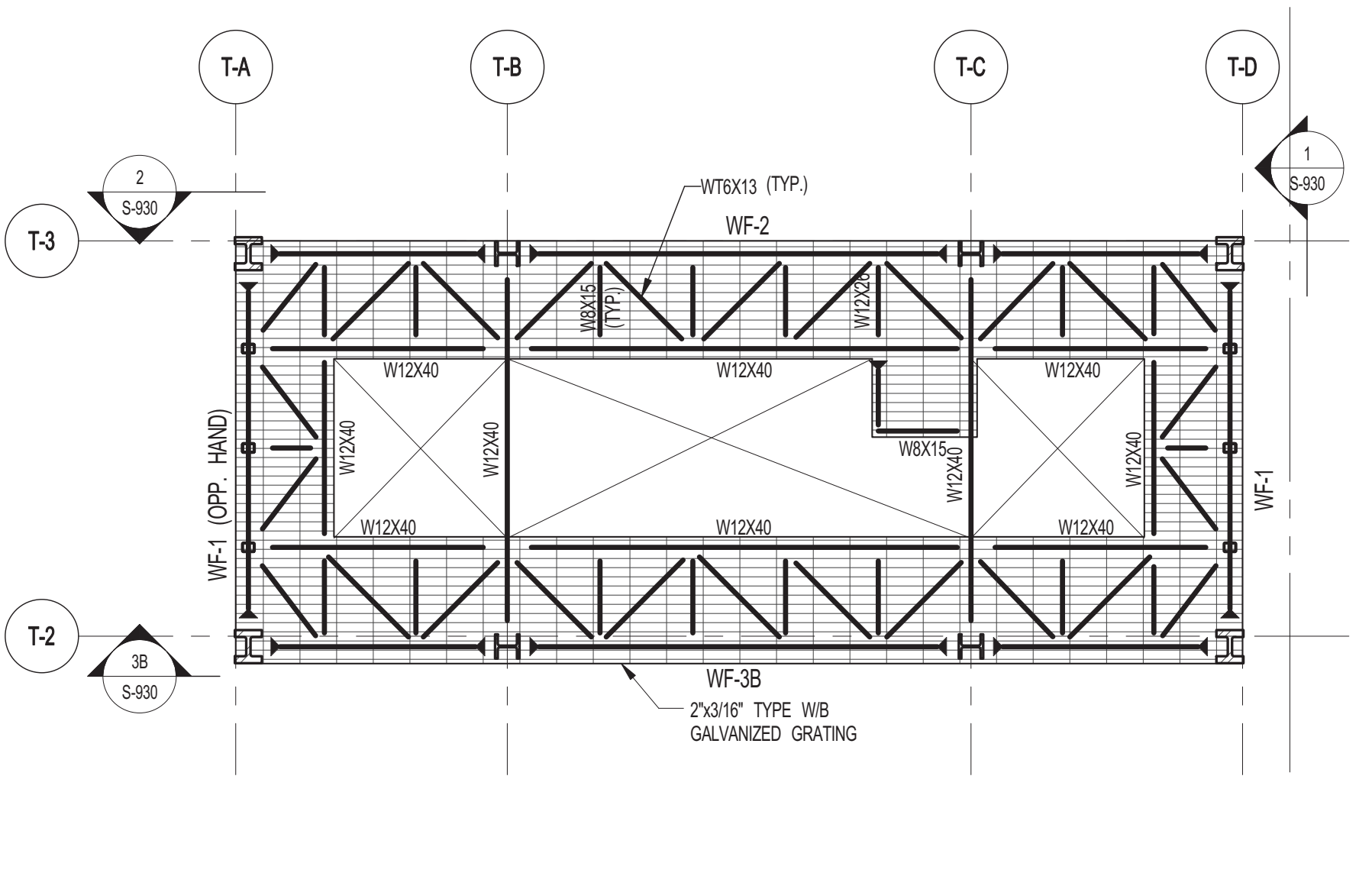
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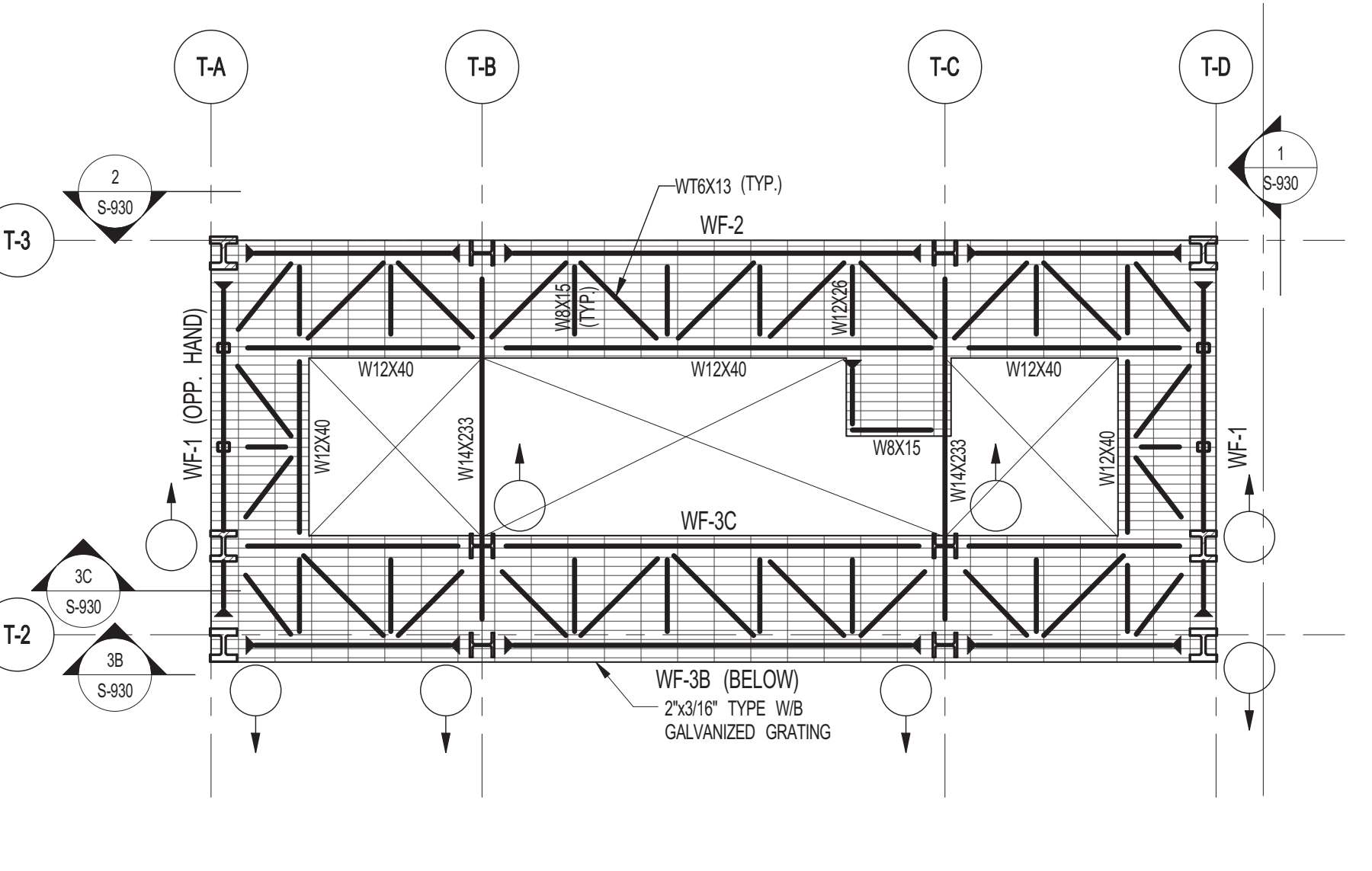
**1 LEVEL 84 FRAMING PLAN**  
S-840 SCALE: 1/8" = 1'-0"



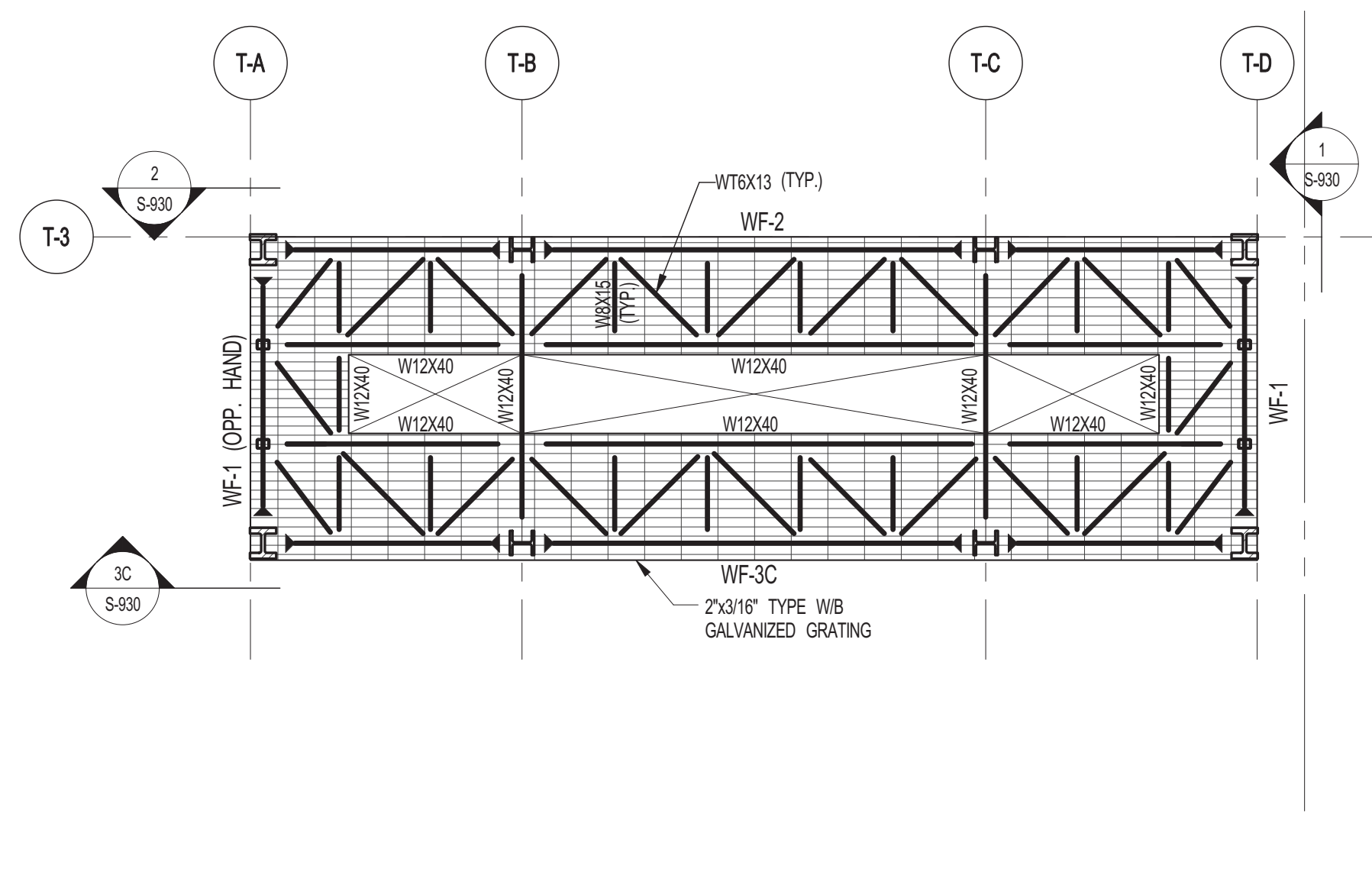
**2 LEVEL 85 FRAMING PLAN**  
S-840 SCALE: 1/8" = 1'-0"



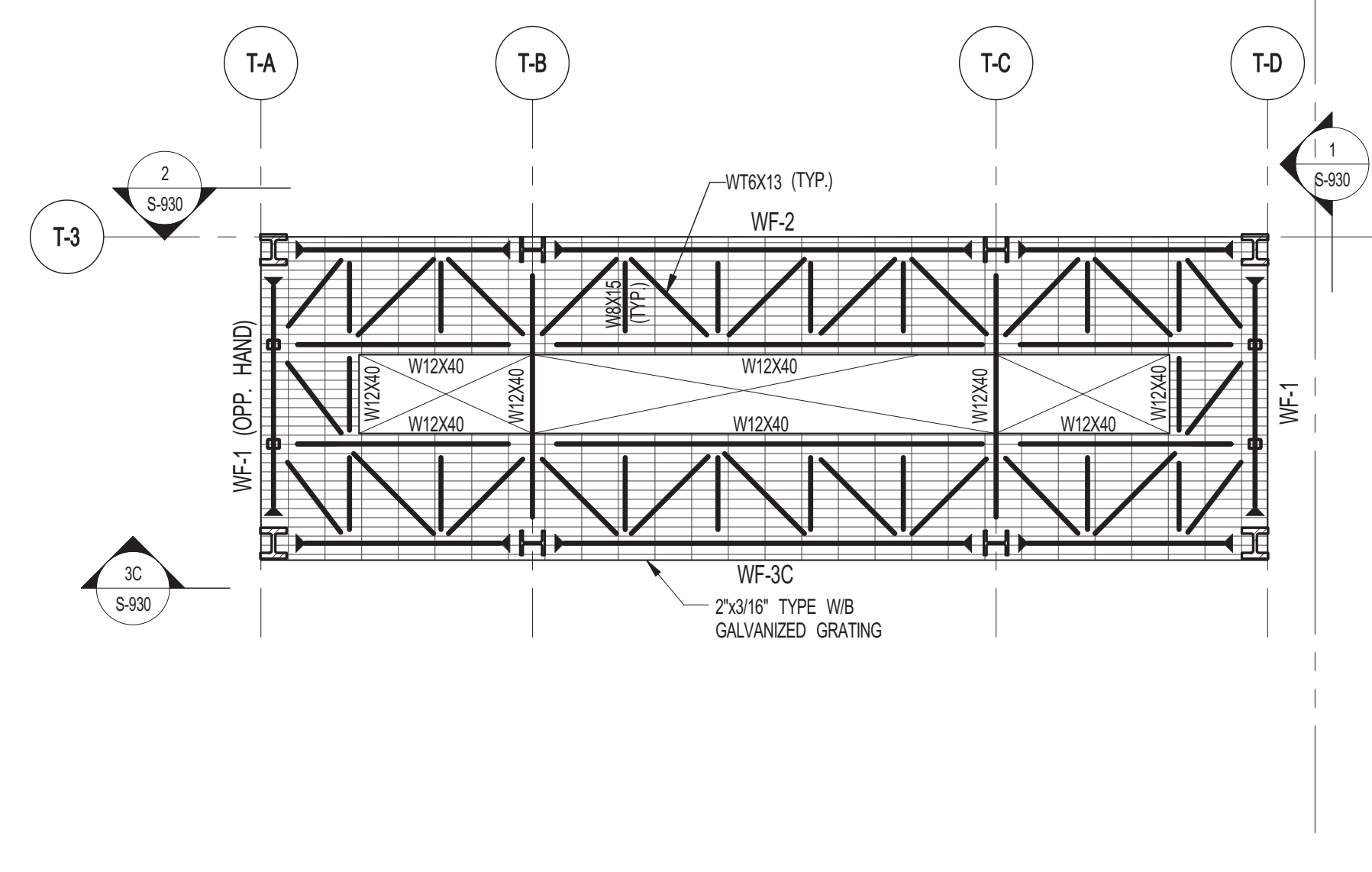
**3 LEVEL 86 FRAMING PLAN**  
S-840 SCALE: 1/8" = 1'-0"



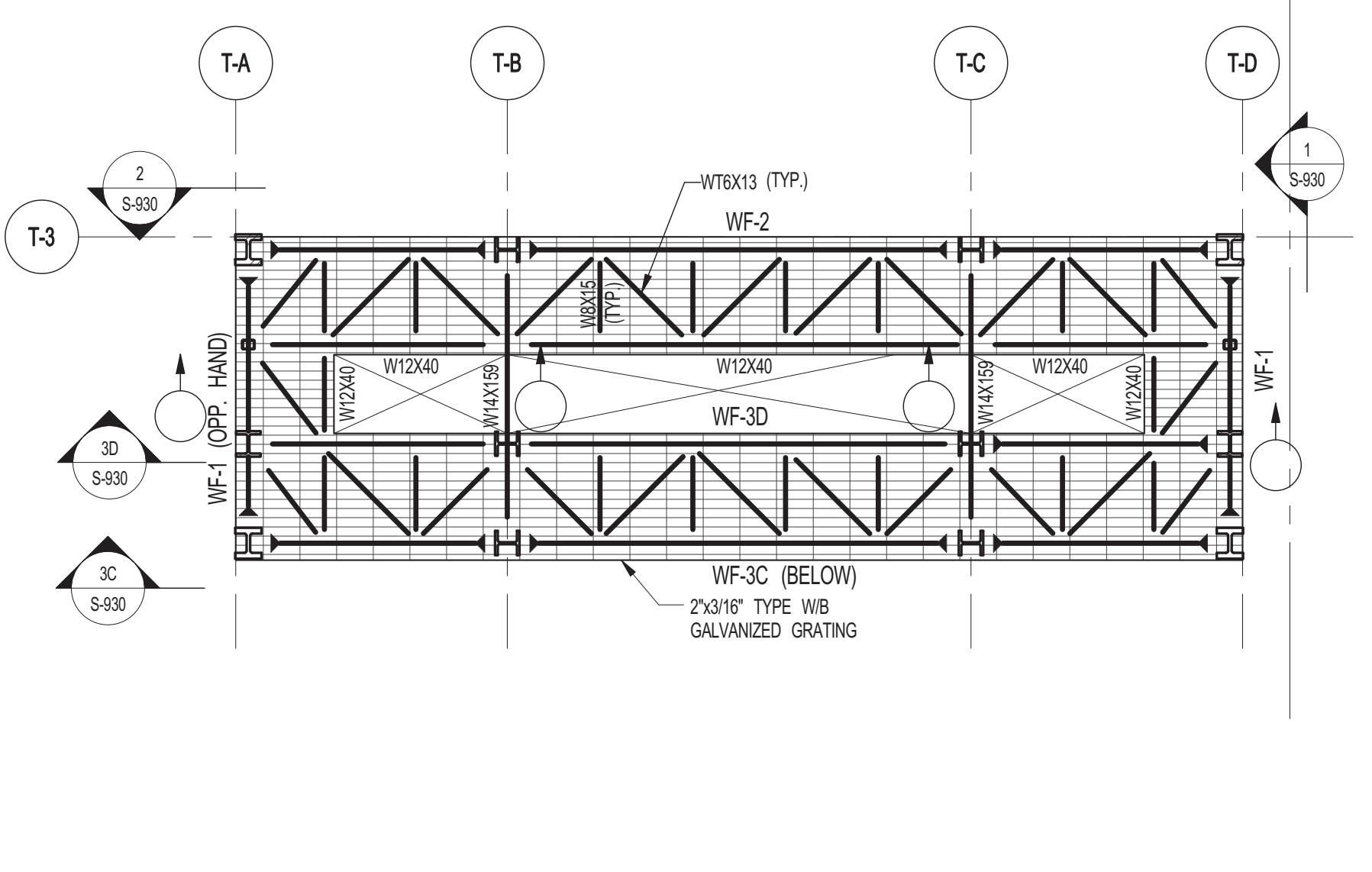
**4 LEVEL 87 FRAMING PLAN**  
S-840 SCALE: 1/8" = 1'-0"



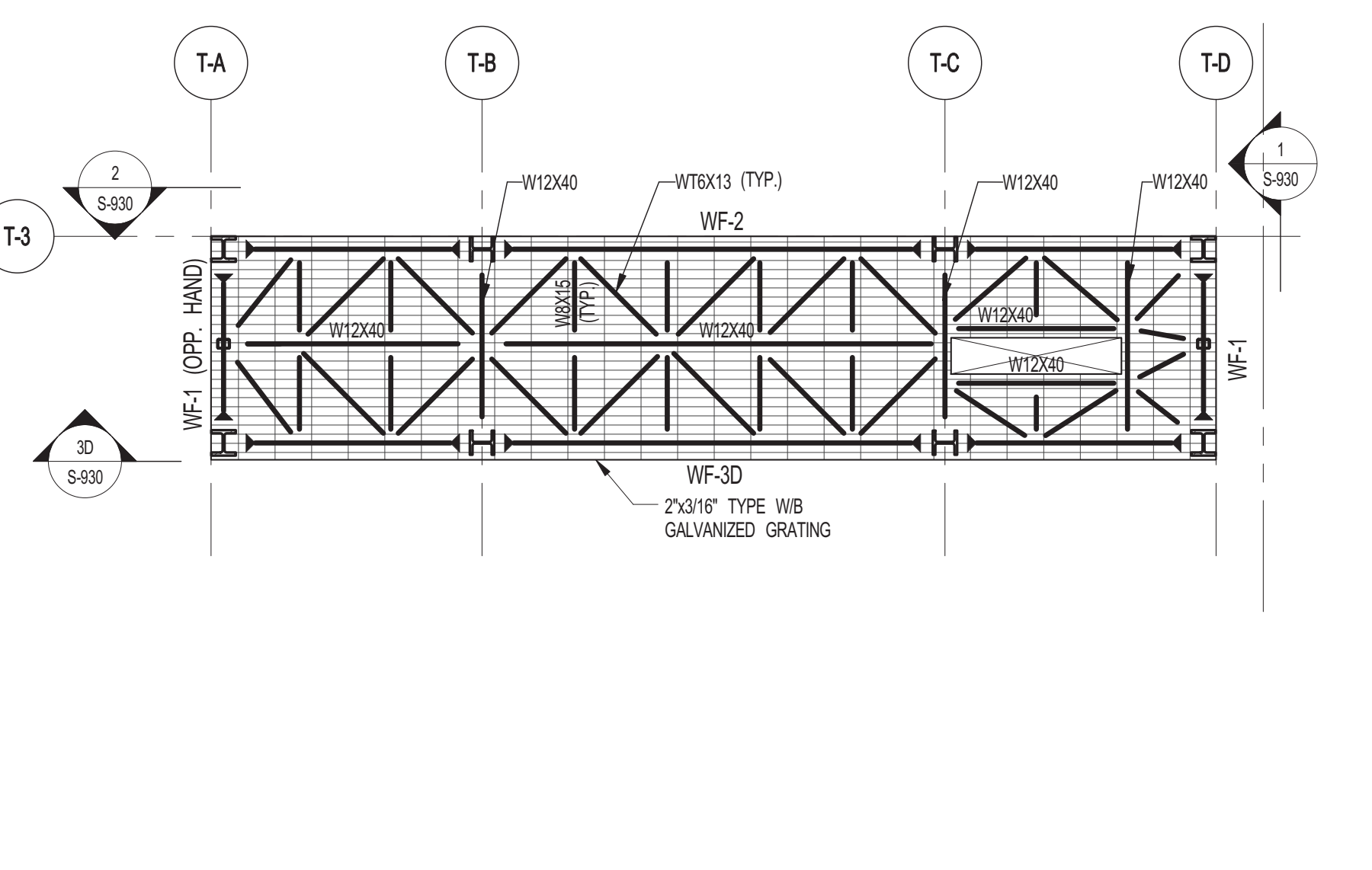
**5 LEVEL 88 FRAMING PLAN**  
S-840 SCALE: 1/8" = 1'-0"



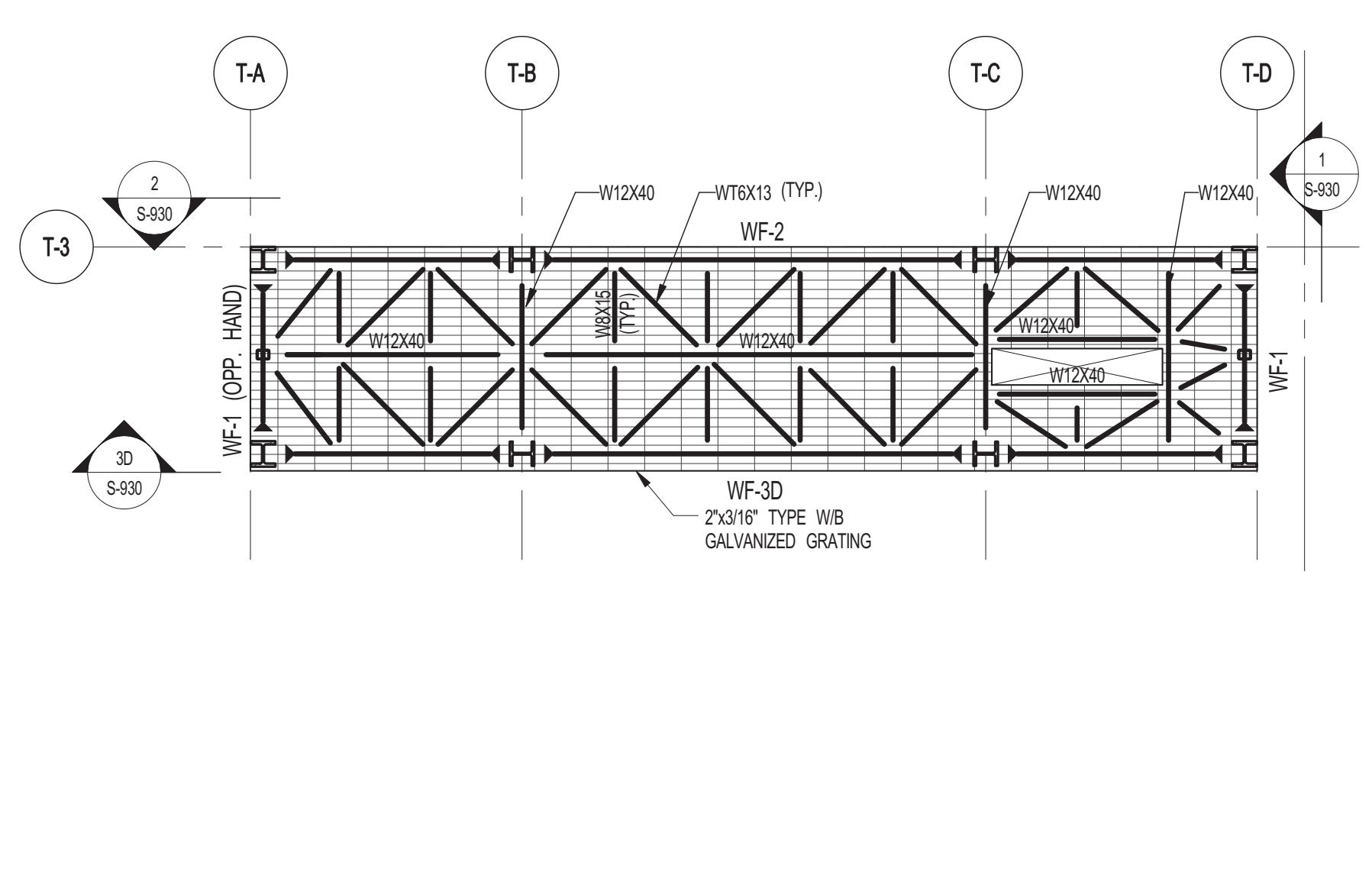
**6 LEVEL 89 FRAMING PLAN**  
S-840 SCALE: 1/8" = 1'-0"



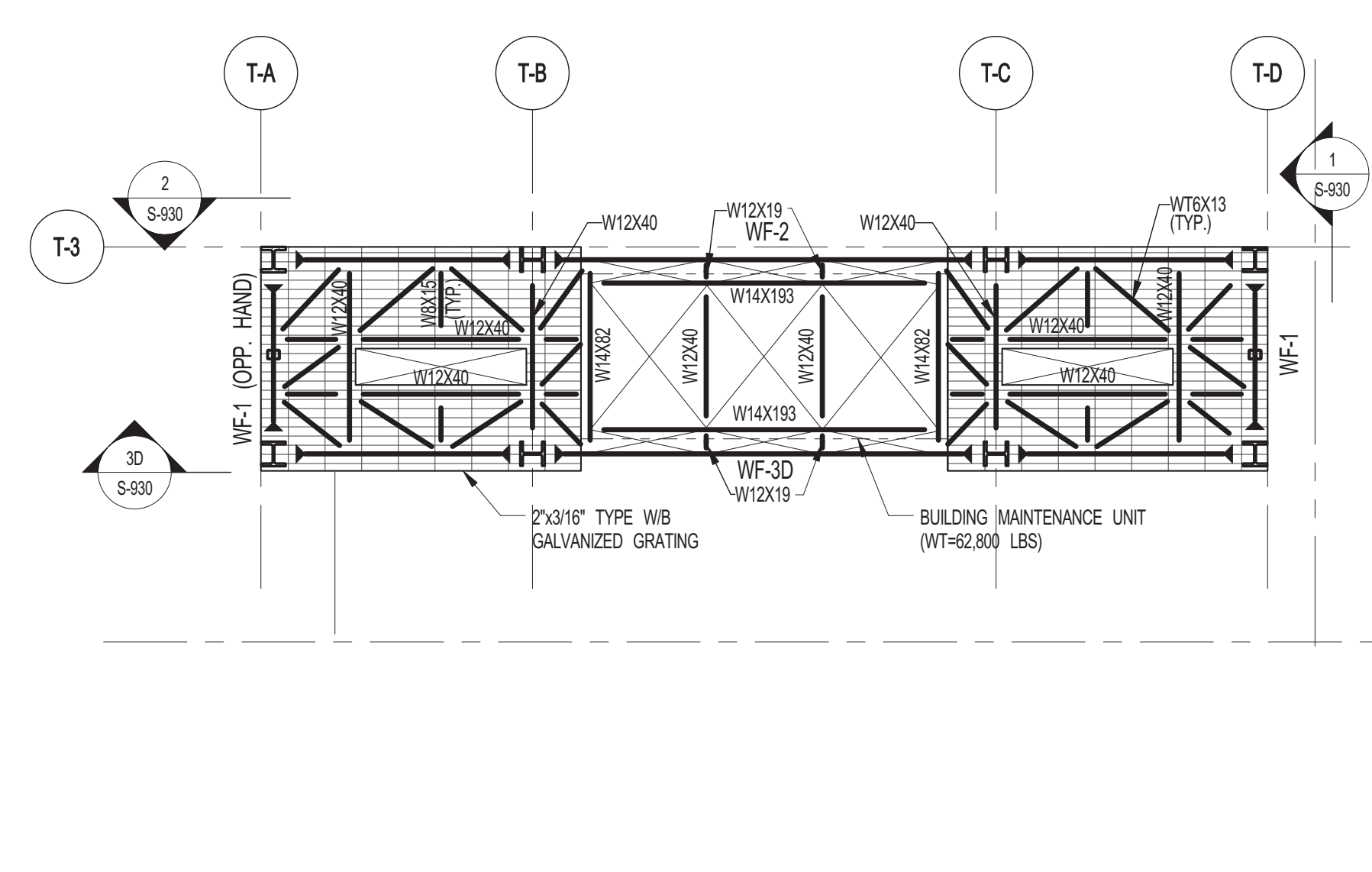
**7 LEVEL 90 FRAMING PLAN**  
S-840 SCALE: 1/8" = 1'-0"



**8 LEVEL 91 FRAMING PLAN**  
S-840 SCALE: 1/8" = 1'-0"



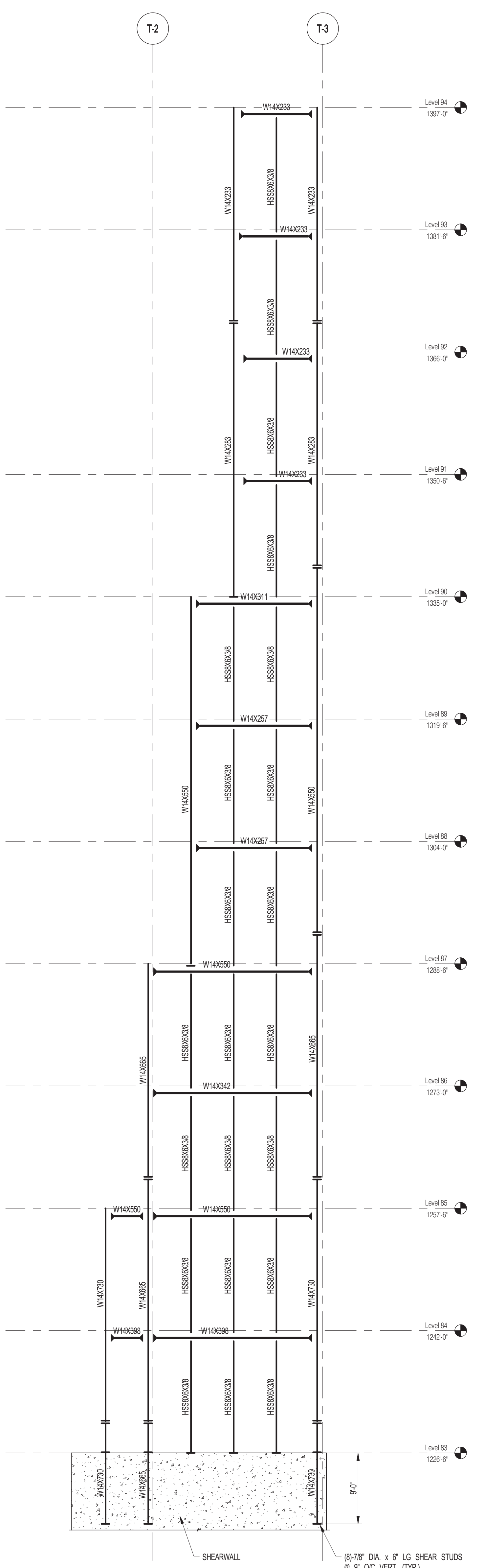
**9 LEVEL 92 FRAMING PLAN**  
S-840 SCALE: 1/8" = 1'-0"



**10 LEVEL 93 FRAMING PLAN**  
S-840 SCALE: 1/8" = 1'-0"

NOTES:  
1 ALL EXPOSED STEEL TO BE HD. GALVANIZED S48  
2 FOR GENERAL NOTES AND LEGEND SEE DRAWING P001.

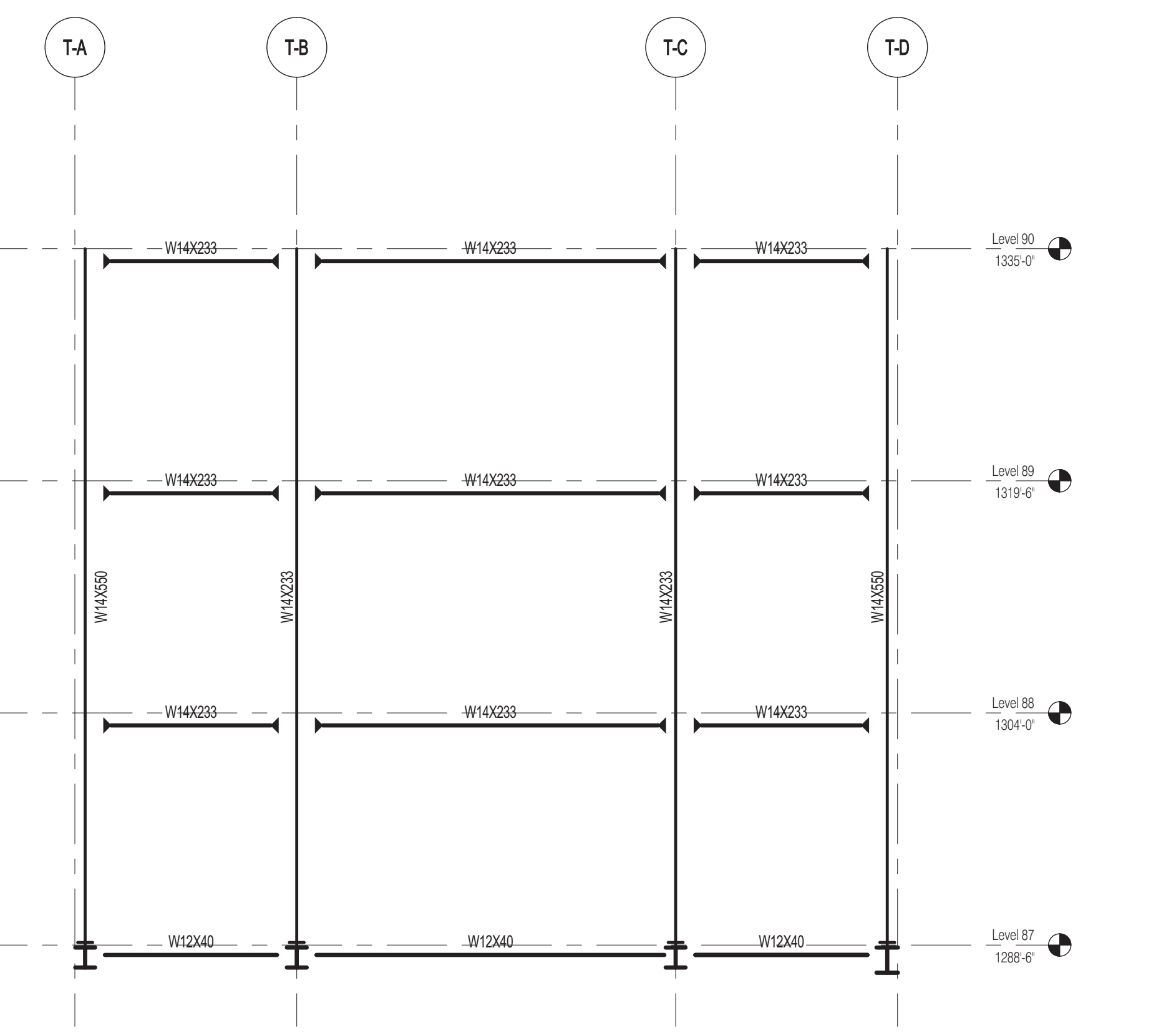




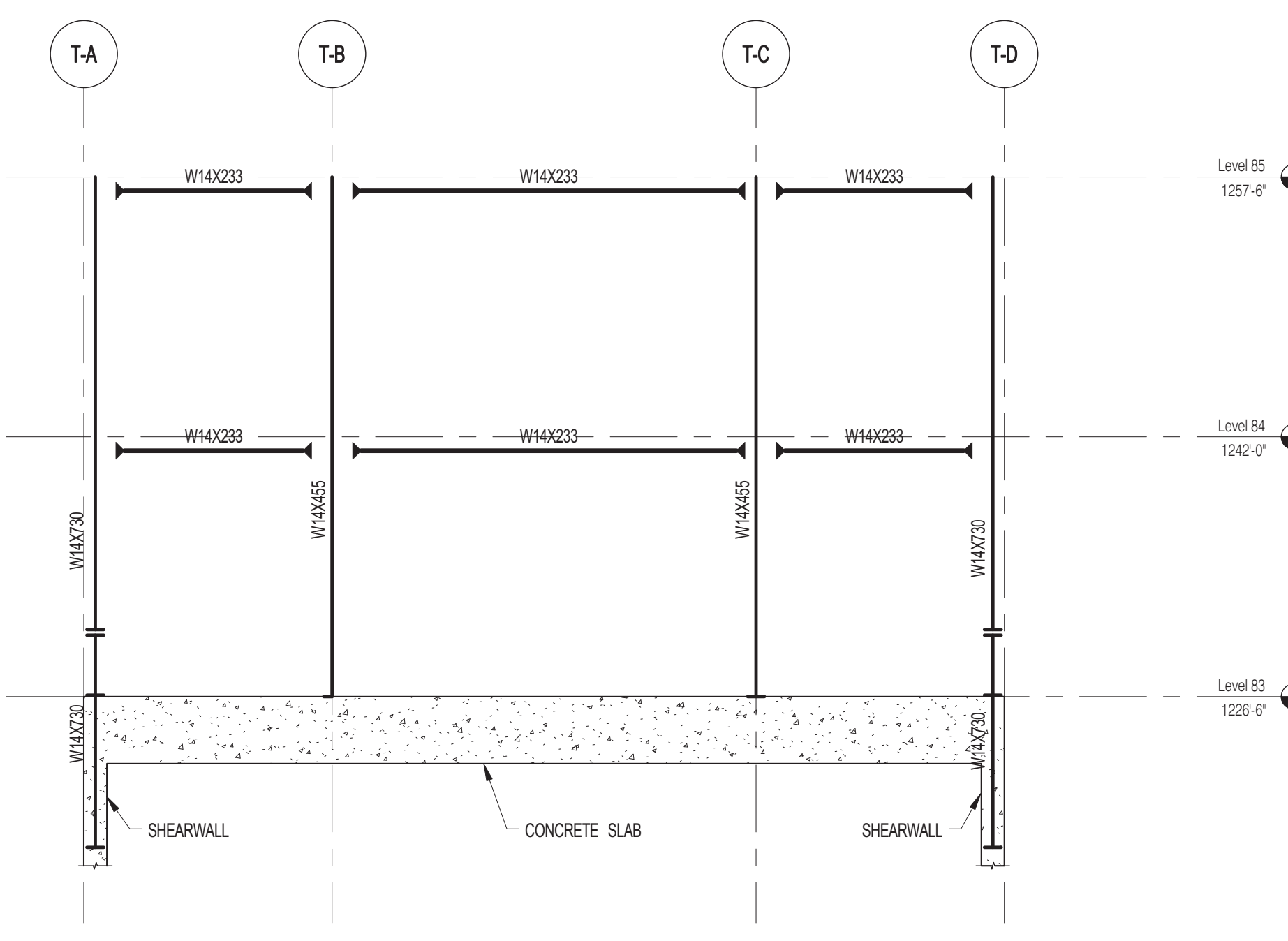
**1 EAST AND WEST ELEVATION (WF-1)**  
S-930 SCALE: 1/8" = 1'-0"



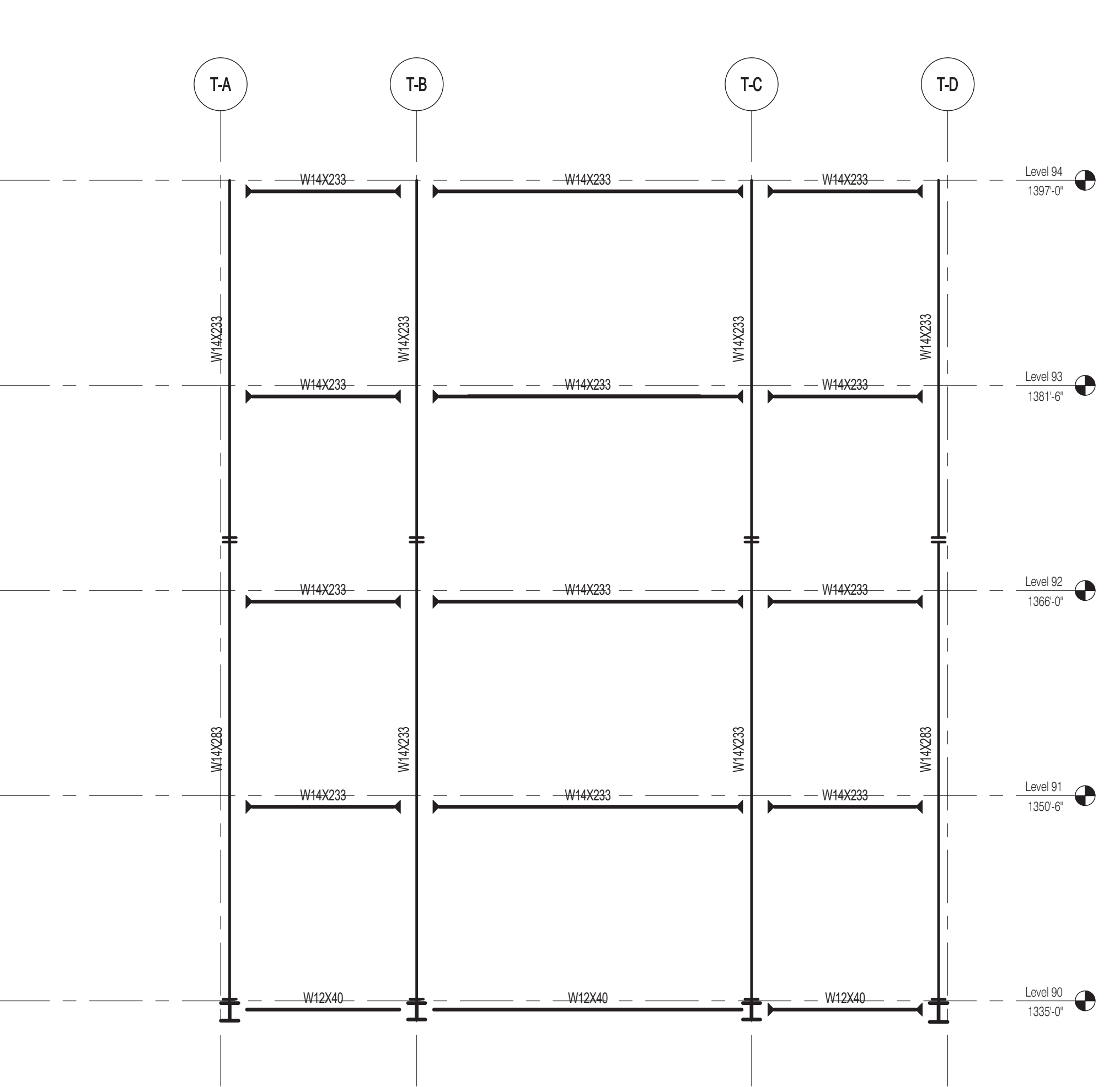
**2 NORTH ELEVATION (WF-2) (OPTION 1)**  
S-930 SCALE: 1/8" = 1'-0"



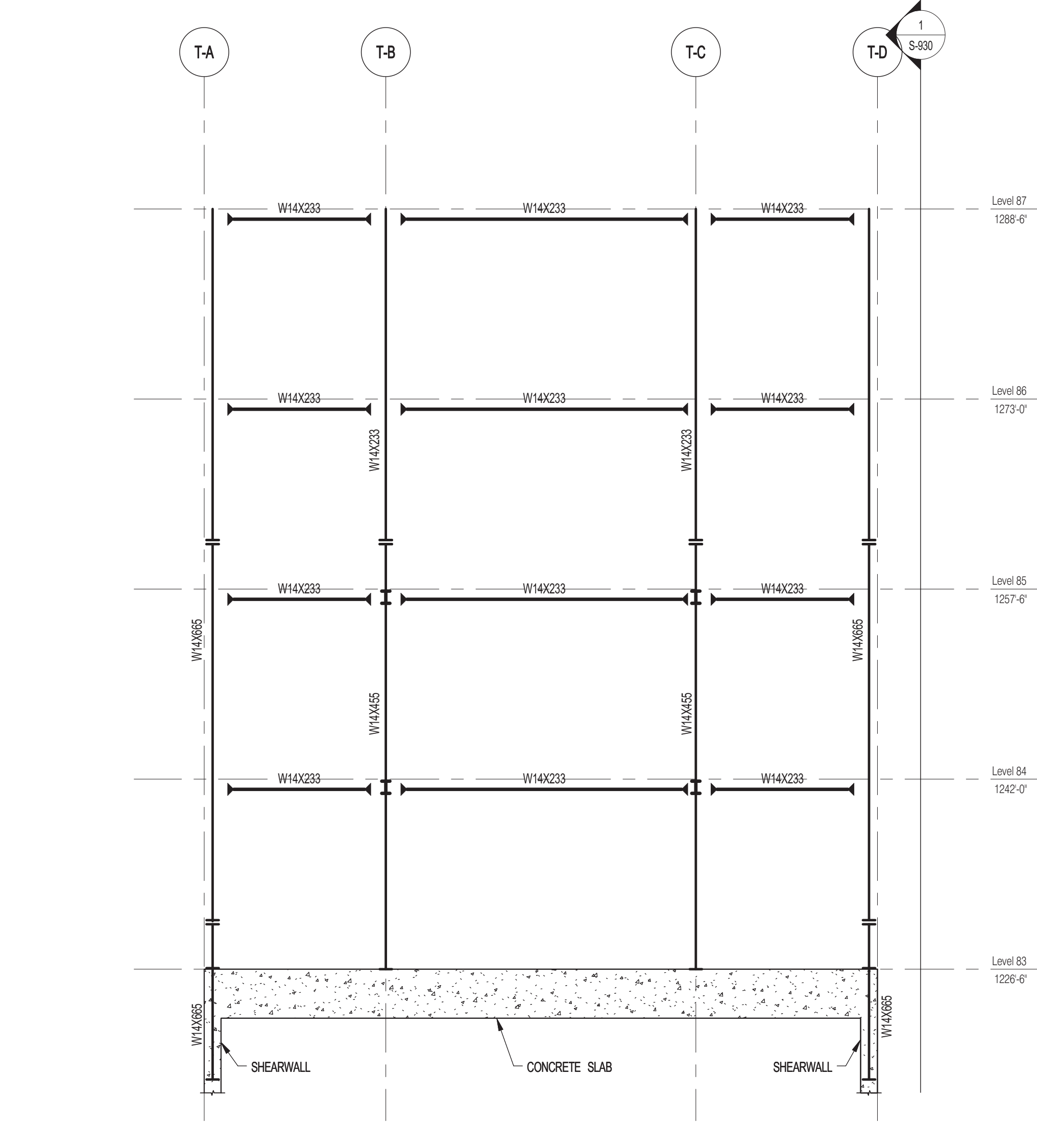
**3C SOUTH ELEVATION (WF-3C) (OPTION 1)**  
S-930 SCALE: 1/8" = 1'-0"



**3A SOUTH ELEVATION (WF-3A) (OPTION 1)**  
S-930 SCALE: 1/8" = 1'-0"



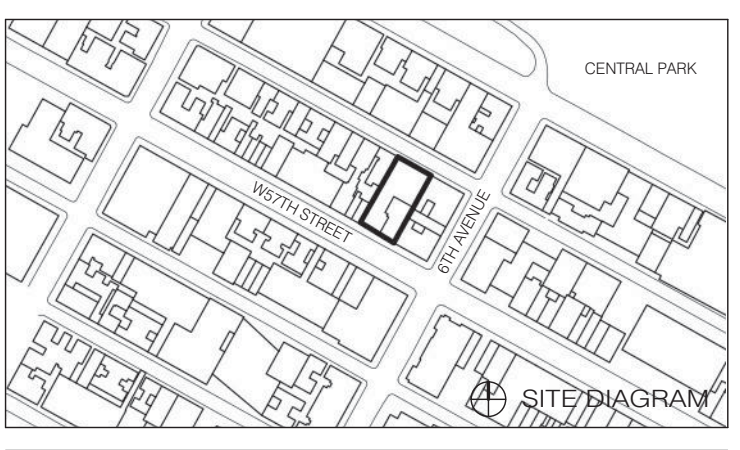
**3D SOUTH ELEVATION (WF-3D) (OPTION 1)**  
S-930 SCALE: 1/8" = 1'-0"



**3B SOUTH ELEVATION (WF-3B) (OPTION 1)**  
S-930 SCALE: 1/8" = 1'-0"

NOTES:  
1. COLUMN SPLICES TO BE DESIGNED FOR FULL MOMENT CAPACITY.  
2. ALL EXPOSED STEEL TO BE HD. GALVANIZED.  
3. ——— INDICATES FULL CAPACITY MOMENT CONNECTION.  
4. FOR GENERAL NOTES AND LEGEND SEE DRAWING S-001.

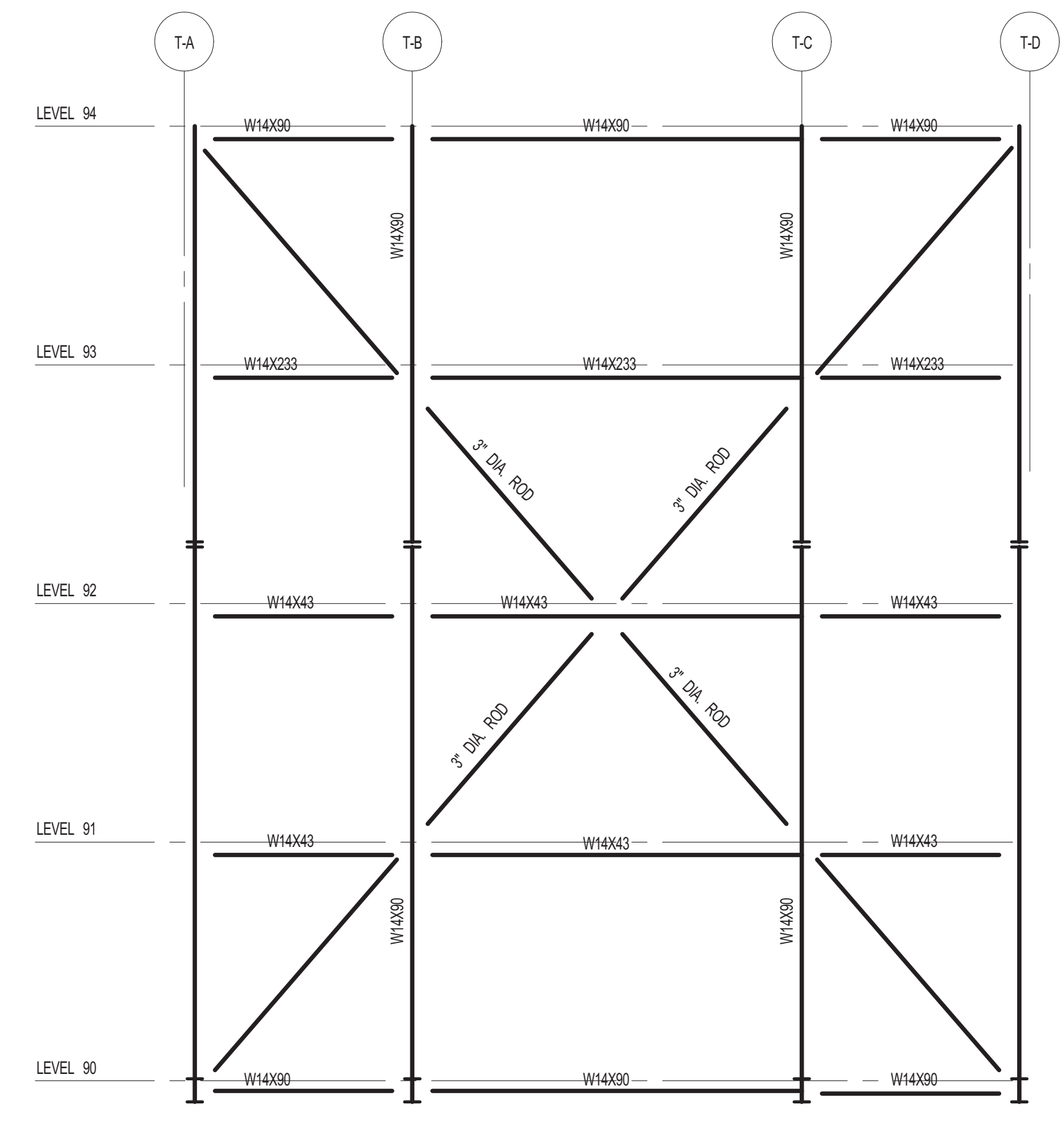
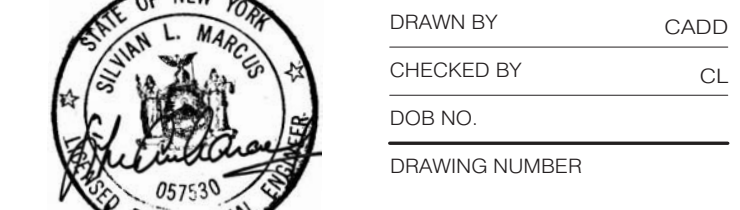




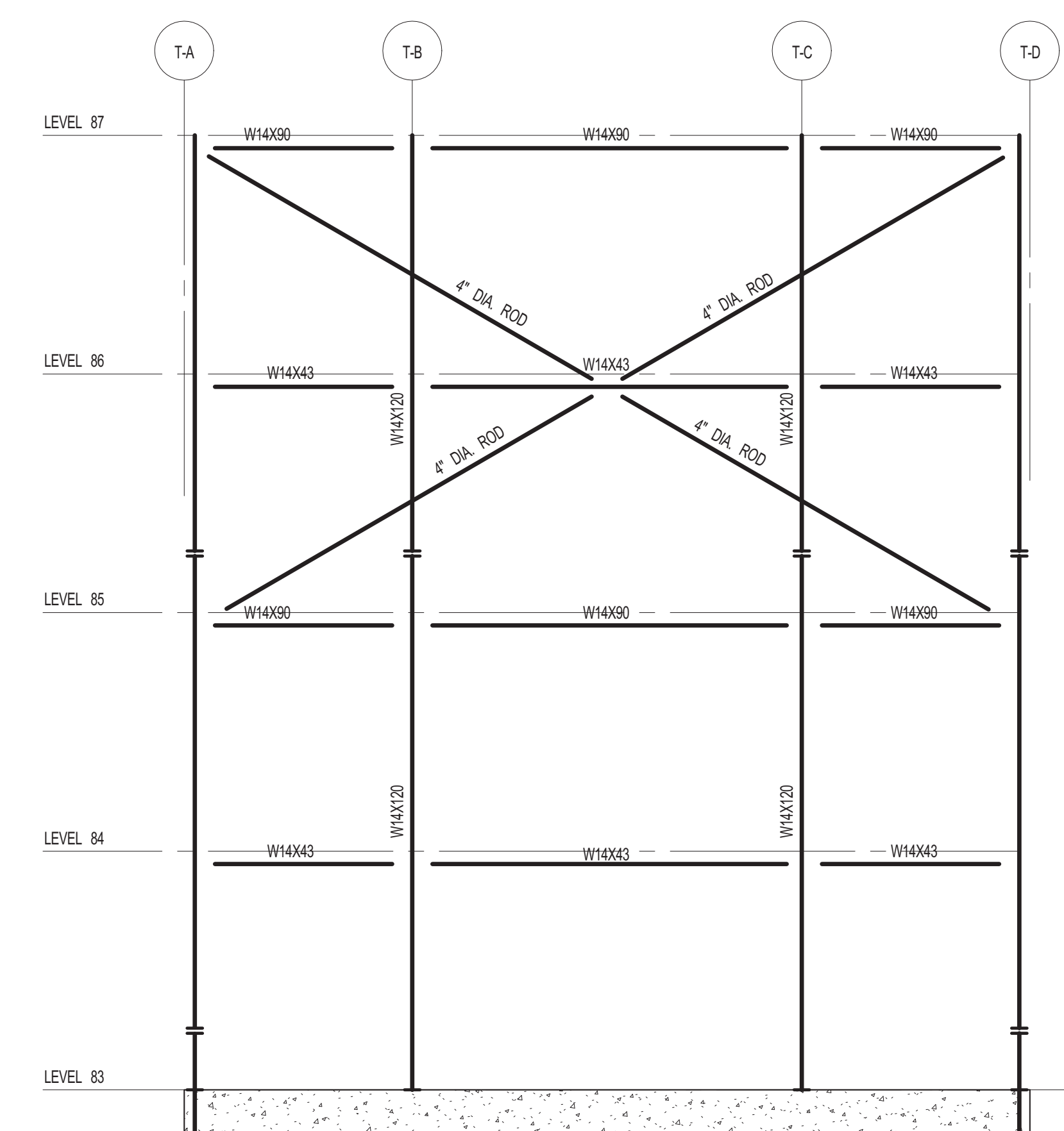
DATE	ISSUE	NO.	DATE	REVISION
03.01.2014	DOB PLING SET			
04.21.2014	DOB ISSUE			

DRAWING TITLE  
**TOP OF BUILDING ELEVATIONS (OPTION 2)**

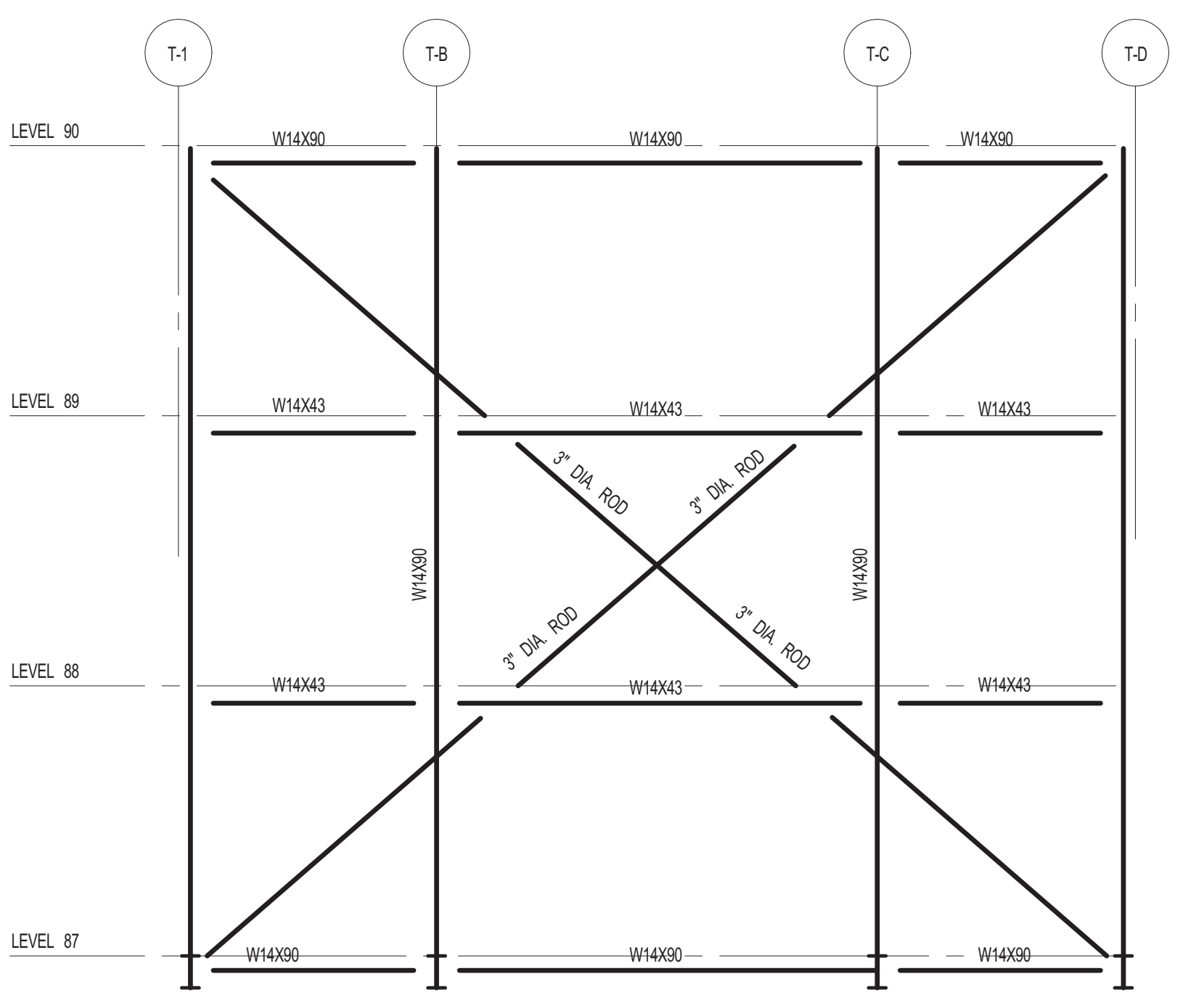
SEAL & SIGNATURE  
DATE: 04.21.2014  
PROJECT NO.: 1310140  
DRAWN BY: CADD  
CHECKED BY: CL  
DOB NO.: 021015  
DRAWING NUMBER: S-931.00



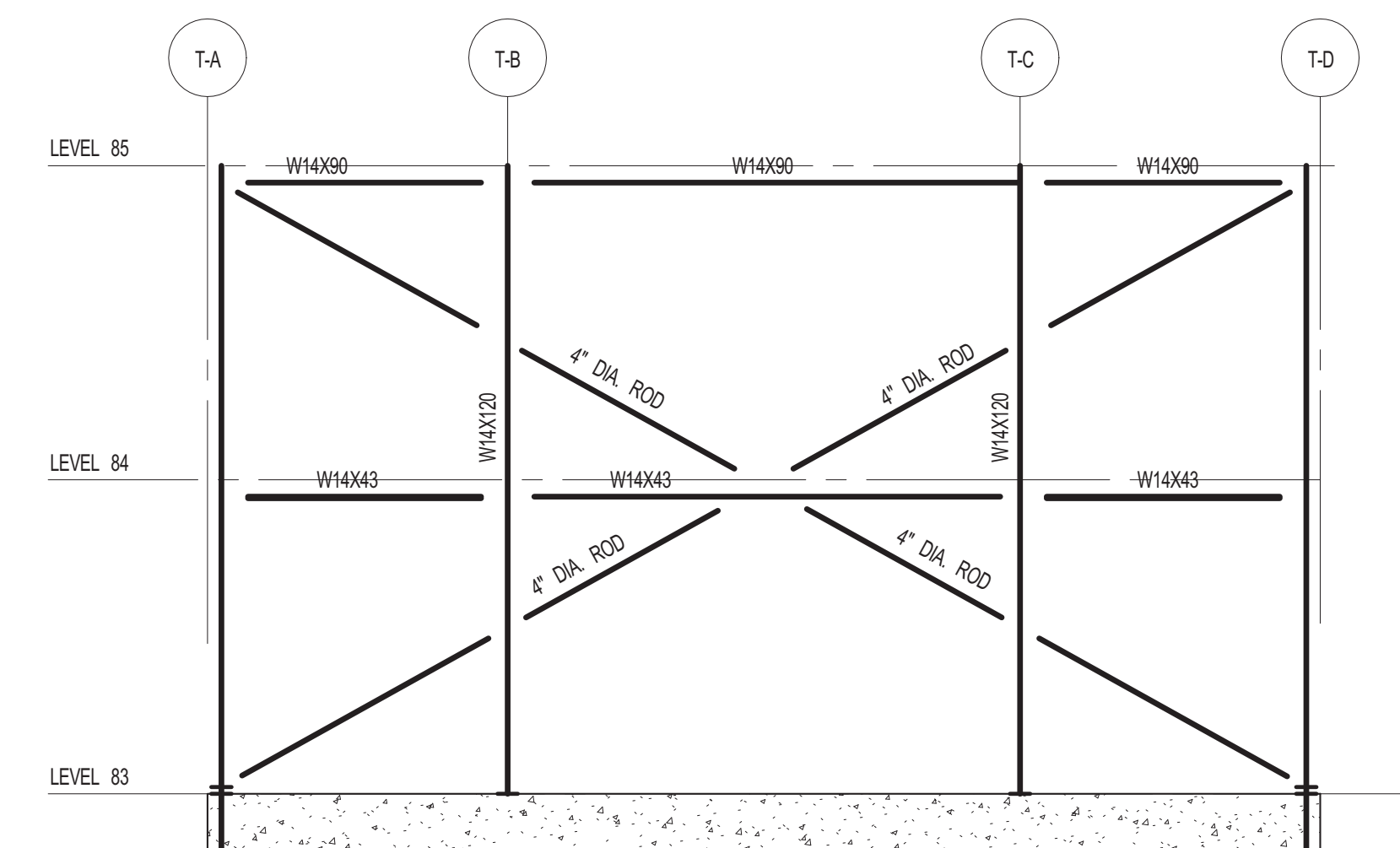
**SOUTH ELEVATION (WF-3D) (OPTION 2)**  
SCALE: 1/8"=1'-0"



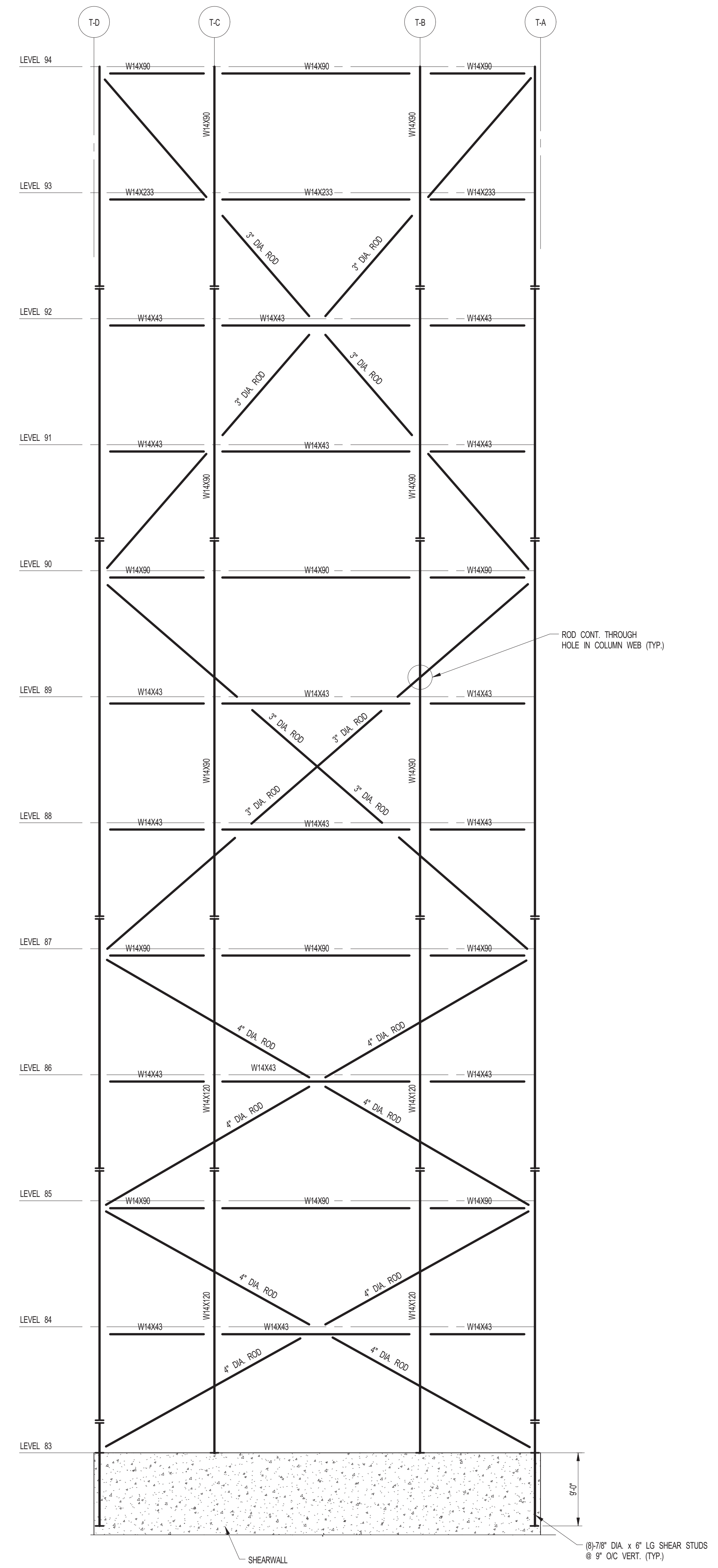
**SOUTH ELEVATION (WF-3A) (OPTION 2)**  
SCALE: 1/8"=1'-0"



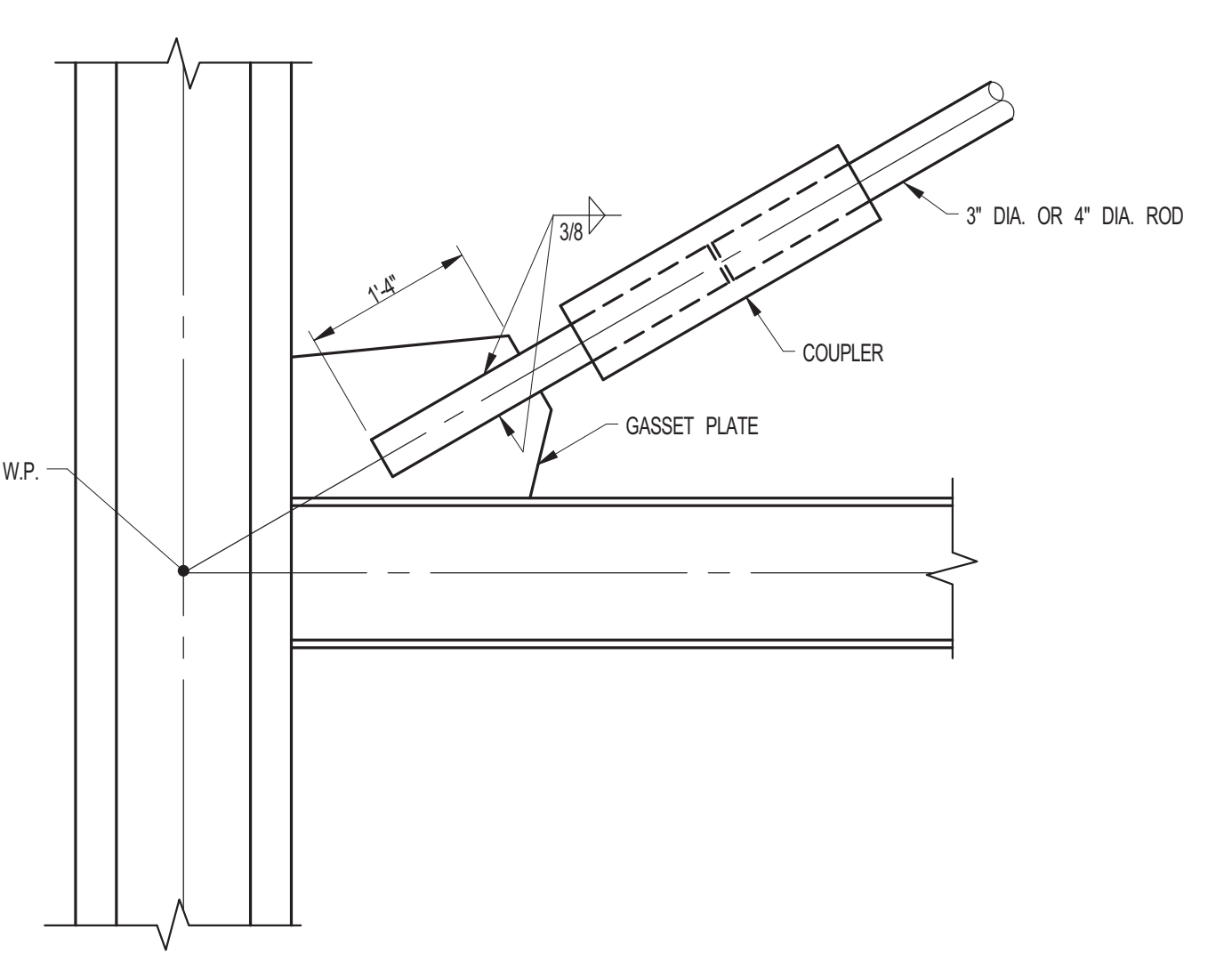
**SOUTH ELEVATION (WF-3C) (OPTION 2)**  
SCALE: 1/8"=1'-0"



**NORTH ELEVATION (WF-2) (OPTION 2)**  
SCALE: 1/8"=1'-0"



**EAST AND WEST ELEVATION (WF-1) (OPTION 2)**  
SCALE: 1/8"=1'-0"



**TYPICAL ROD CONNECTION**

NOTES:  
1. BRACING RODS TO BE ASTM GR. 55.  
2. FOR BALANCE OF NOTES SEE DRAWING S-800.







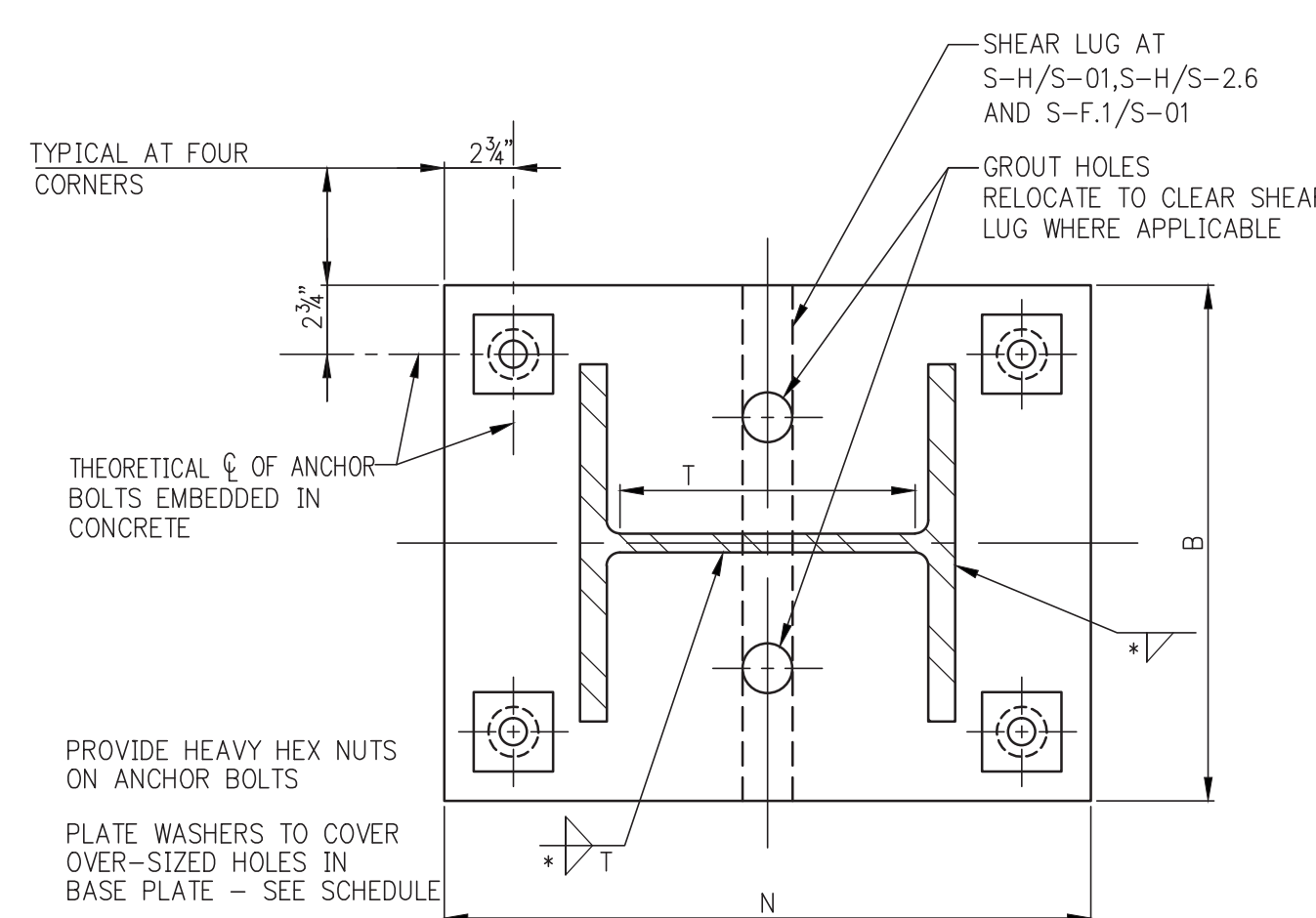




### COLUMN SCHEDULE

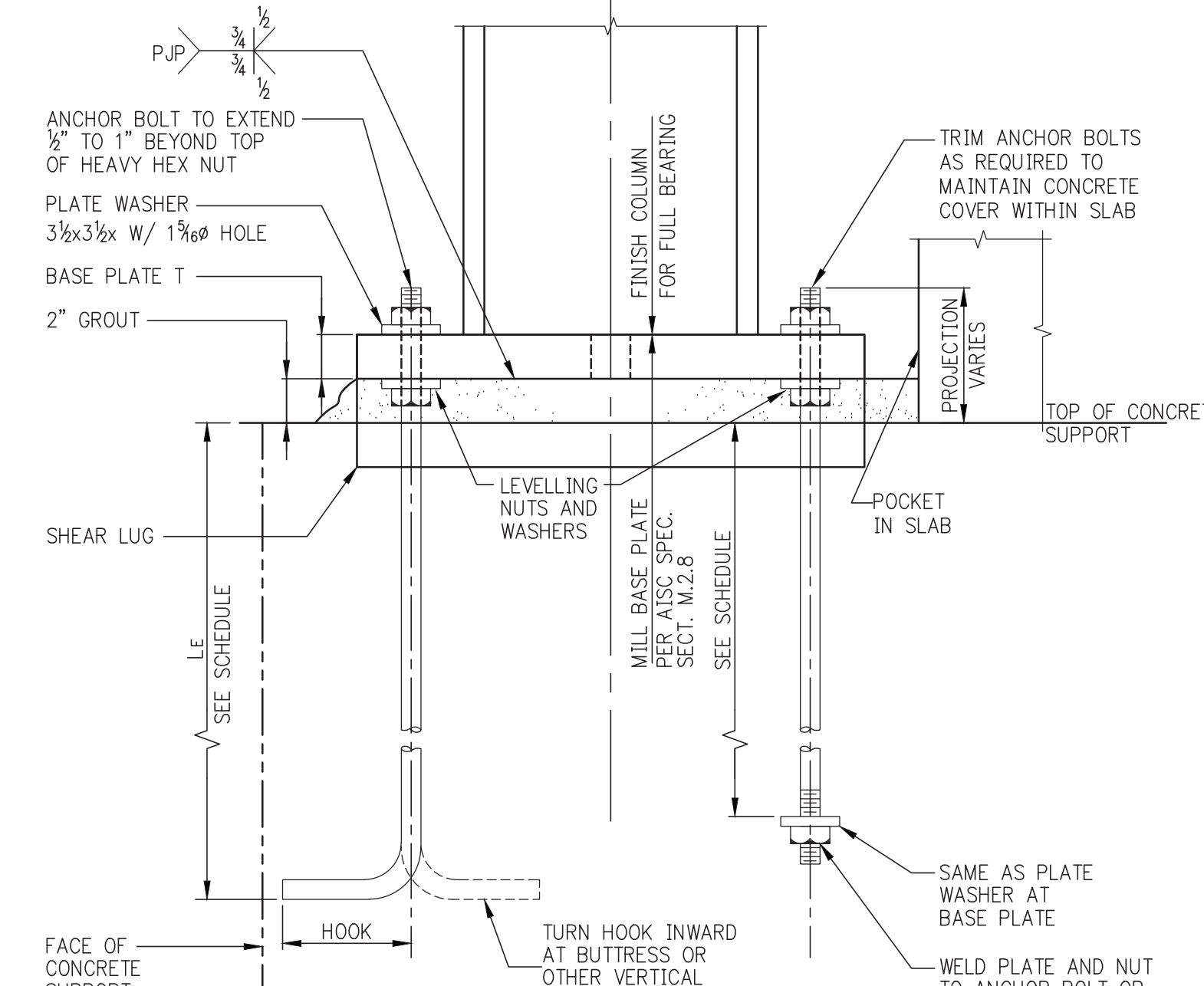
COL. NO.	S-B.8	S-C	S-D	S-F.1	S-H
FLOOR	S-9	S-10	S-5.5 S-5.7 S-6.3 S-6.5	S-0.1 S-3	S-0.1 S-2.6
8th FLOOR	W4 x 159	W4 x 159	W4 x 109		
7th FLOOR	W4 x 159	W4 x 159	W4 x 120		
6th FLOOR	W4 x 159	W4 x 176	W4 x 120 (5)	W4 x 398	W4 x 283
5th FLOOR	W4 x 159	W4 x 176		W4 x 283	W4 x 370
4th FLOOR	W4 x 159	W4 x 193		W4 x 283	W4 x 370
3rd FLOOR	W4 x 159	W4 x 233		W4 x 398	W4 x 283
2ND FLOOR	W4 x 159	W4 x 233		W4 x 398	W4 x 283
1ST FLOOR	W4 x 159	W4 x 233		W4 x 398	W4 x 283
CELLAR	W4 x 159	W4 x 233		W4 x 398	W4 x 283
SUB-CELLAR	W4 x 211	W4 x 257		W4 x 398	W4 x 283
BASE PLATE	26x24x2 1/2	26x24x2 1/2	26x24x2 1/2	26x24x2 1/2	26x24x2 1/2
END (Service) FLOOR	S-9	S-10	S-5.5 S-5.7 S-6.3 S-6.5	S-0.1 S-3	S-0.1 S-2.6
COL. NO.	S-B.8	S-C	S-D	S-F.1 (SEE NOTE #)	S-H (SEE NOTE #)

- NOTES:**
- COLUMN LOADS SHOWN IN SCHEDULE ARE LRFD FACTORED LOADS IN KIPS.
  - ALL COLUMNS SHALL BE ASTM A-992 (Fy=50 KSI) STEEL U.O.N.
  - ALL BASE PLATES TO BE ASTM A-327 (Fy=50 KSI) U.O.N.
  - FIRST DIMENSION OF BASE PLATE IS PARALLEL TO COLUMN WEB.
  - FLOOR TO FLOOR DIMENSIONS SHOWN ARE TO TOP OF CONCRETE SLAB.
  - HEAVY LINE AT TOP INDICATES TOP OF COLUMN, HEAVY LINE AT BOTTOM OF COLUMN INDICATES BOTTOM OF BASE PLATE. TOP AND BOTTOM OF COLUMN ELEVATIONS ARE TO BE CONFIRMED WITH COORDINATE.
  - SL INDICATES SHEAR LUG 2"x6".
  - COLUMN SPLICES ON LINE S-H AND S-F.1/S-01 TO BE DESIGNED FOR MIN. 75% OF MOMENT CAPACITY.
  - FOR GENERAL NOTES, SEE DWG. FD-001.



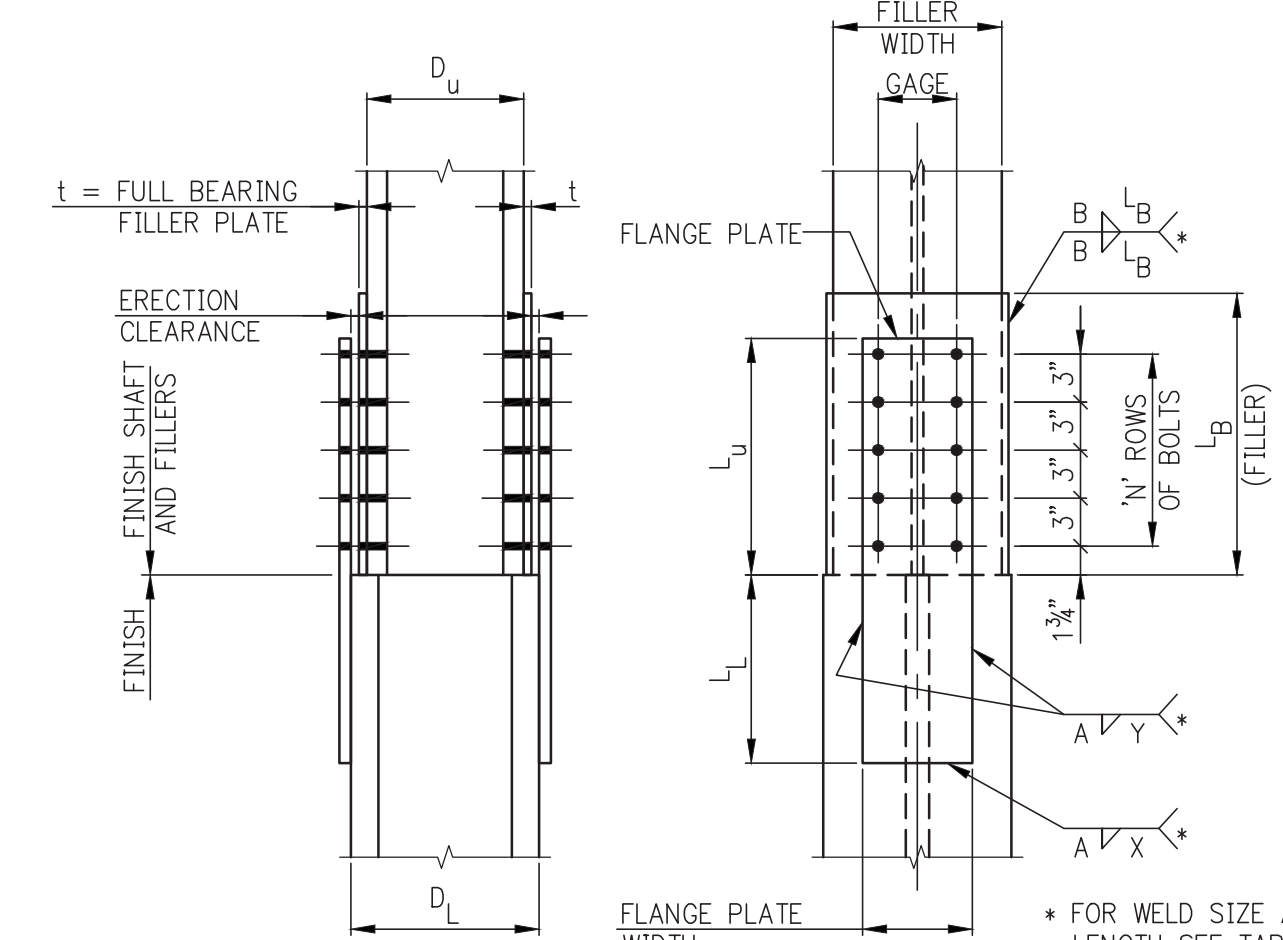
**PLAN VIEW**

**NOTE:**  
DO NOT USE THIS DETAIL FOR COLUMNS SUBJECTED TO UPLIFT FORCES OR LARGE BENDING MOMENTS.



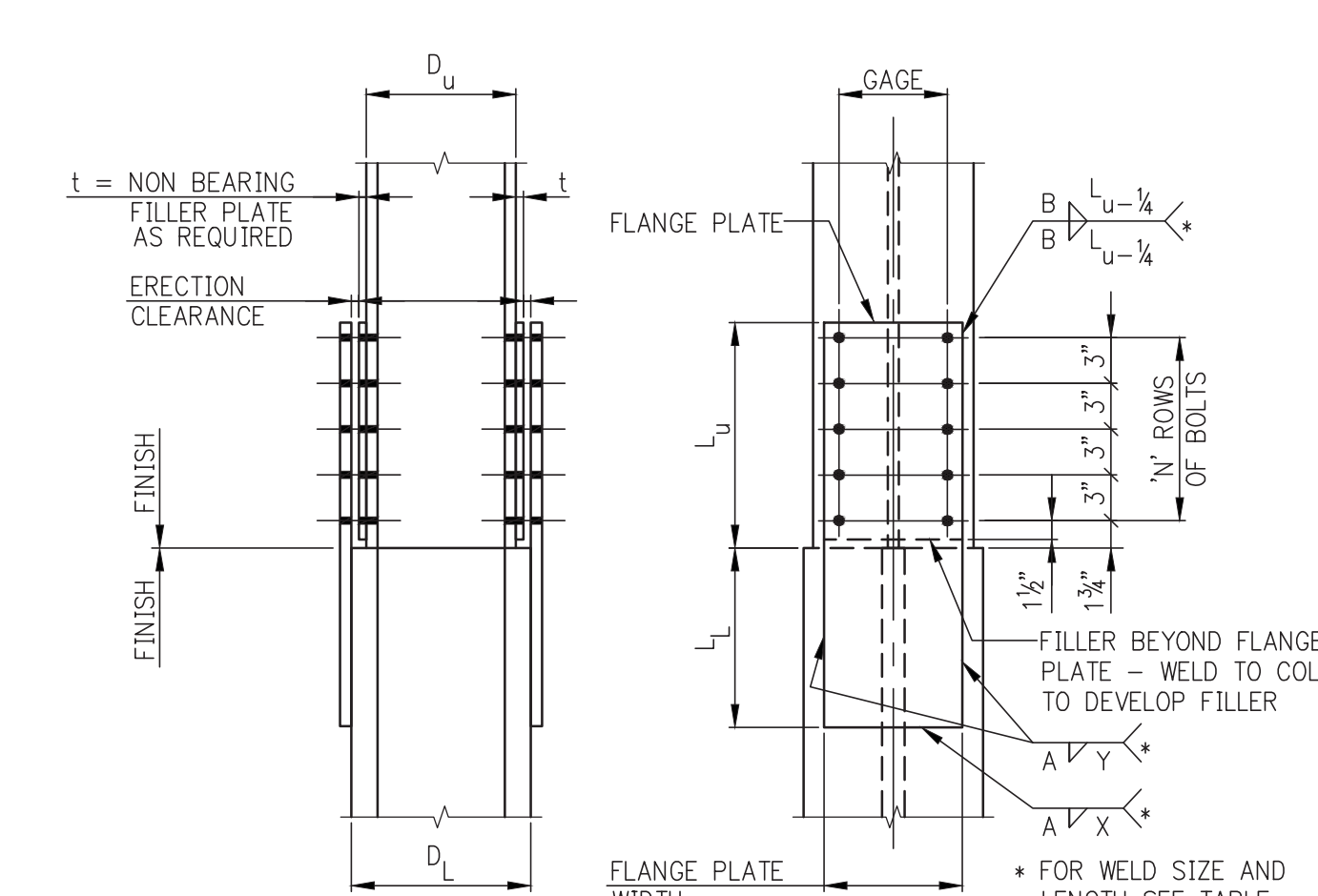
**1 BASE PLATE DETAIL**  
SCALE: N.T.S.

**SECTION**



**UPPER COLUMN DEPTH NOMINALLY TWO INCHES LESS THAN LOWER COLUMN DEPTH**  
(FILLERS DEVELOPED FOR BEARING)

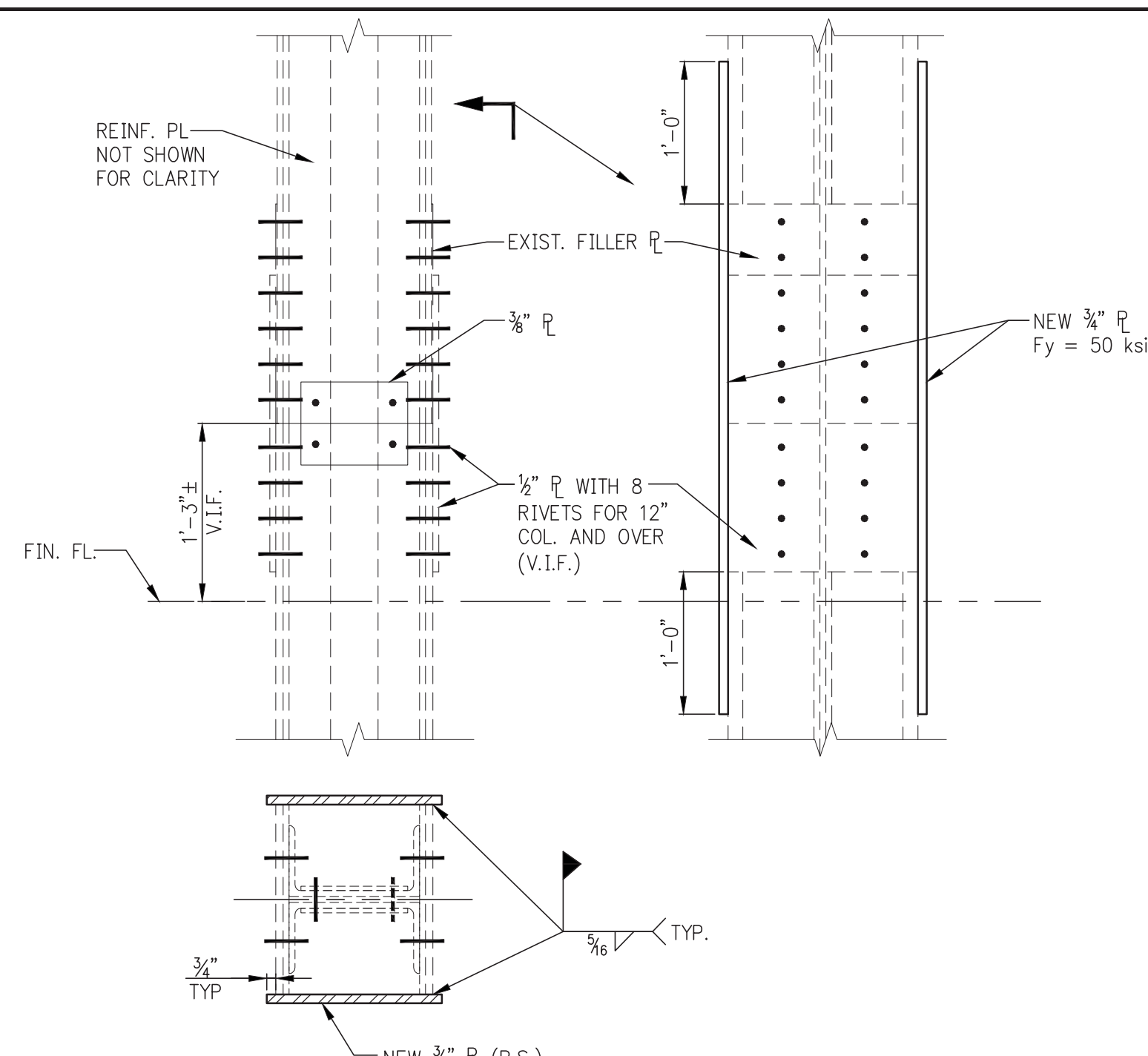
**2 COLUMN SPLICES (U.O.N.)**  
SCALE: N.T.S.



**UPPER AND LOWER COLUMNS SAME NOMINAL DEPTH**  
**NOTE:**  
IF LOWER COLUMN DEPTH D<sub>l</sub> IS LESS THAN UPPER COLUMN DEPTH D<sub>u</sub> FILLER PLATES ARE TO BE USED AT LOWER COLUMN - INCREASE WELD SIZE BY THICKNESS OF FILLER PLATE.

### MINIMUM BASE PLATE/ANCHOR BOLT REQUIREMENTS

COLUMN SIZES	W12x65 TO W14x80 TO W14x311	W14x342 TO W14x500
MINIMUM WELD SIZE - COLUMN TO BASE PLATE	3/8"	3/8"
MINIMUM ANCHOR BOLT REQUIREMENT	4-1 1/2" DIA.	4-1 1/2" DIA.
HOLE DIAMETER IN BASE PLATE	2 1/4"	2 1/2"
E = EDGE DISTANCE TO HOLES	2 1/4"	2 1/4"
LE = BOLT EMBEDMENT LENGTH	1-9"	2'-2"
BOLT HOOK DIMENSION OR PLATE REQUIREMENT	6"	8" OR NUT + PLATE
PLATE WASHER	3/8"x3/8" W/1/8" HOLE	3/8"x3/8" W/1/8" HOLE
MINIMUM "N" FOR BOLT + WASHER	4 COL. + 11"	4 COL. + 11 1/2"
REMARKS		



**3 EXISTING COLUMN SPLICE REINF. DETAIL**  
SCALE: N.T.S.



JDS DEVELOPMENT GROUP  
140 WEST 57TH STREET, 11TH FLOOR  
NEW YORK, NY 10019  
TEL: 646.635.3000



ARCHITECT  
SHP ARCHITECTS, P.C.  
200 WEST 11TH STREET  
NEW YORK, NY 10011  
TEL: 212.685.9000

STRUCTURAL ENGINEER  
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NEW YORK, NY 10017  
TEL: 212.687.9888

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40 WEST STREET, 10TH FLOOR  
NEW YORK, NY 10005  
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NEW YORK, NY 10018  
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ACOUSTICS  
LONGMAN LINDSEY  
40 WEST 30TH STREET, 6TH FLOOR  
NEW YORK, NY 10001  
TEL: 917.238.3382

INTERIORS  
STUDIO JORNFIELD  
300 WAREHOUSES STREET  
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TEL: 212.475.3000

PROPERTY MARKETS GROUP  
140 WEST 57TH STREET  
NEW YORK, NY 10019  
TEL: 212.685.3000

CURRENT ISSUE

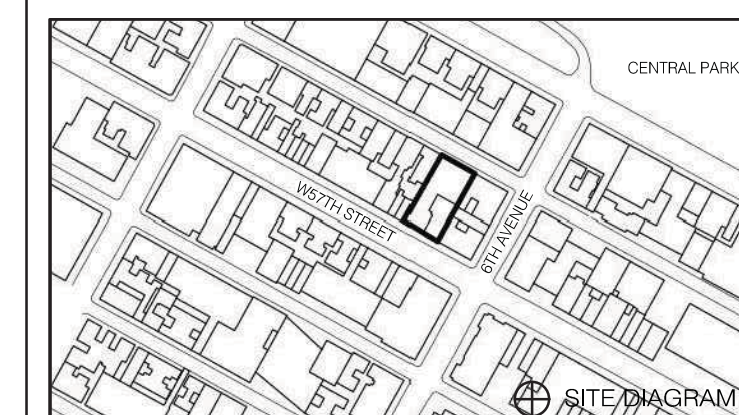


PROPERTY MARKETS GROUP

DOB RESSUE - 10.16.14

**Shauqat Shaikh**  
Buildings  
APPROVED  
Under Directive 2 of 1975  
Date/Time: Jan 6, 2015 - 11:57 AM  
NYC Development Hub

111 WEST 57TH STREET  
111 WEST 57TH STREET  
NEW YORK, NY 10019



DATE	ISSUE	NO.	DATE	REVISION

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DRAWING TITLE

**STEEL COLUMN SCHEDULE AND DETAILS**

SEAL & SIGNATURE

DATE  
PROJECT NO. 1310140  
DRAWN BY CAD/D  
CHECKED BY CL  
DOB NO. 121332066  
DRAWING NUMBER

**S-950.00**



### COLUMN SCHEDULE

FLOOR	COL. NO.	1	2	3	4	5	6	7	8	9
CONTINUED										
34th	$f_c = 14000 \text{ psi}$	15313 15179 14139 13548	15622 15432 14428 13903	15776 15573 14600 14090	15776 15573 14600 14090					
33rd		15776 15573 14600 14090	15776 15573 14600 14090	15776 15573 14600 14090	15776 15573 14600 14090					
32nd		15776 15573 14600 14090	15776 15573 14600 14090	15776 15573 14600 14090	15776 15573 14600 14090					
31st		16078 15849 14936 14458	16227 15985 15104 14640	16227 15985 15104 14640	16227 15985 15104 14640					
30th		16227 15985 15104 14640	16227 15985 15104 14640	16227 15985 15104 14640	16227 15985 15104 14640					
29th	$f_c = 14000 \text{ psi}$	16379 16122 15268 14810	16379 16122 15268 14810	16379 16122 15268 14810	16379 16122 15268 14810					
28th		16379 16122 15268 14810	16379 16122 15268 14810	16379 16122 15268 14810	16379 16122 15268 14810					
27th		16379 16122 15268 14810	16379 16122 15268 14810	16379 16122 15268 14810	16379 16122 15268 14810					
26th		16379 16122 15268 14810	16379 16122 15268 14810	16379 16122 15268 14810	16379 16122 15268 14810					
25th		16379 16122 15268 14810	16379 16122 15268 14810	16379 16122 15268 14810	16379 16122 15268 14810					
23rd		17245 16913 16221 15844	17245 16913 16221 15844	17245 16913 16221 15844	17245 16913 16221 15844					
21st		17245 16913 16221 15844	17245 16913 16221 15844	17245 16913 16221 15844	17245 16913 16221 15844					
19th(mechanical)		17245 16913 16221 15844	17245 16913 16221 15844	17245 16913 16221 15844	17245 16913 16221 15844					
18th(mechanical)		17245 16913 16221 15844	17245 16913 16221 15844	17245 16913 16221 15844	17245 16913 16221 15844					
17th(mechanical)		17245 16913 16221 15844	17245 16913 16221 15844	17245 16913 16221 15844	17245 16913 16221 15844					
16th(mechanical)		17245 16913 16221 15844	17245 16913 16221 15844	17245 16913 16221 15844	17245 16913 16221 15844					
15th(mechanical)		17245 16913 16221 15844	17245 16913 16221 15844	17245 16913 16221 15844	17245 16913 16221 15844					
14th		17245 16913 16221 15844	17245 16913 16221 15844	17245 16913 16221 15844	17245 16913 16221 15844					
13th		17245 16913 16221 15844	17245 16913 16221 15844	17245 16913 16221 15844	17245 16913 16221 15844					
12th		17245 16913 16221 15844	17245 16913 16221 15844	17245 16913 16221 15844	17245 16913 16221 15844					
11th		17245 16913 16221 15844	17245 16913 16221 15844	17245 16913 16221 15844	17245 16913 16221 15844					
10th		17245 16913 16221 15844	17245 16913 16221 15844	17245 16913 16221 15844	17245 16913 16221 15844					
9th		17245 16913 16221 15844	17245 16913 16221 15844	17245 16913 16221 15844	17245 16913 16221 15844					
8th		17245 16913 16221 15844	17245 16913 16221 15844	17245 16913 16221 15844	17245 16913 16221 15844					
7th(winter garden)		17245 16913 16221 15844	17245 16913 16221 15844	17245 16913 16221 15844	17245 16913 16221 15844					
6th		17245 16913 16221 15844	17245 16913 16221 15844	17245 16913 16221 15844	17245 16913 16221 15844					
5th		17245 16913 16221 15844	17245 16913 16221 15844	17245 16913 16221 15844	17245 16913 16221 15844					
4th		17245 16913 16221 15844	17245 16913 16221 15844	17245 16913 16221 15844	17245 16913 16221 15844					
3rd		17245 16913 16221 15844	17245 16913 16221 15844	17245 16913 16221 15844	17245 16913 16221 15844					
2nd		17245 16913 16221 15844	17245 16913 16221 15844	17245 16913 16221 15844	17245 16913 16221 15844					
1st		17245 16913 16221 15844	17245 16913 16221 15844	17245 16913 16221 15844	17245 16913 16221 15844					
cellar1	$f_c = 14000 \text{ psi}$	21800 21109 20685 19968	21800 21109 20685 19968	21800 21109 20685 19968	21800 21109 20685 19968					
cellar2		21800 21109 20685 19968	21800 21109 20685 19968	21800 21109 20685 19968	21800 21109 20685 19968					
0		21800 21109 20685 19968	21800 21109 20685 19968	21800 21109 20685 19968	21800 21109 20685 19968					
End (service) FLOOR	COL. NO.	1	2	3	4	5	6	7	8	9

### COLUMN SCHEDULE

FLOOR	COL. NO.	1	2	3	4	5	6	7	8	9
CONTINUED										
69th	$f_c = 10000 \text{ psi}$	6009 6117 5632 1585	6009 6117 5632 1585	6009 6117 5632 1585	6009 6117 5632 1585					
68th		6009 6117 5632 1585	6009 6117 5632 1585	6009 6117 5632 1585	6009 6117 5632 1585					
67th		6009 6117 5632 1585	6009 6117 5632 1585	6009 6117 5632 1585	6009 6117 5632 1585					
66th		6009 6117 5632 1585	6009 6117 5632 1585	6009 6117 5632 1585	6009 6117 5632 1585					
65th	$f_c = 9000 \text{ psi}$	6009 6117 5632 1585	6009 6117 5632 1585	6009 6117 5632 1585	6009 6117 5632 1585					
64th		6009 6117 5632 1585	6009 6117 5632 1585	6009 6117 5632 1585	6009 6117 5632 1585					
63rd	$f_c = 10000 \text{ psi}$	7200 6803 5497 3017	7200 6803 5497 3017	7200 6803 5497 3017	7200 6803 5497 3017					
62nd		7200 6803 5497 3017	7200 6803 5497 3017	7200 6803 5497 3017	7200 6803 5497 3017					
61st		7200 6803 5497 3017	7200 6803 5497 3017	7200 6803 5497 3017	7200 6803 5497 3017					
60th		7200 6803 5497 3017	7200 6803 5497 3017	7200 6803 5497 3017	7200 6803 5497 3017					
59th		7200 6803 5497 3017	7200 6803 5497 3017	7200 6803 5497 3017	7200 6803 5497 3017					
58th		7200 6803 5497 3017	7200 6803 5497 3017	7200 6803 5497 3017	7200 6803 5497 3017					
57th (POOL)	$f_c = 10000 \text{ psi}$	7461 7041 3729 3273	7461 7041 3729 3273	7461 7041 3729 3273	7461 7041 3729 3273					
56th (mechanical)		7461 7041 3729 3273	7461 7041 3729 3273	7461 7041 3729 3273	7461 7041 3729 3273					
55th	$f_c = 12000 \text{ psi}$	8361 9649 7981 7360	8361 9649 7981 7360	8361 9649 7981 7360	8361 9649 7981 7360					
54th		8361 9649 7981 7360	8361 9649 7981 7360	8361 9649 7981 7360	8361 9649 7981 7360					
53rd		8361 9649 7981 7360	8361 9649 7981 7360	8361 9649 7981 7360	8361 9649 7981 7360					
52nd		8361 9649 7981 7360	8361 9649 7981 7360	8361 9649 7981 7360	8361 9649 7981 7360					
51st		8361 9649 7981 7360	8361 9649 7981 7360	8361 9649 7981 7360	8361 9649 7981 7360					
50th		8361 9649 7981 7360	8361 9649 7981 7360	8361 9649 7981 7360	8361 9649 7981 7360					
49th		8361 9649 7981 7360	8361 9649 7981 7360	8361 9649 7981 7360	8361 9649 7981 7360					
48th		8361 9649 7981 7360	8361 9649 7981 7360	8361 9649 7981 7360	8361 9649 7981 7360					
47th		8361 9649 7981 7360	8361 9649 7981 7360	8361 9649 7981 7360	8361 9649 7981 7360					
46th		8361 9649 7981 7360	8361 9649 7981 7360	8361 9649 7981 7360	8361 9649 7981 7360					
45th		8361 9649 7981 7360	8361 9649 7981 7360	8361 9649 7981 7360	8361 9649 7981 7360					
44th		8361 9649 7981 7360	8361 9649 7981 7360	8361 9649 7981 7360	8361 9649 7981 7360					
43rd		8361 9649 7981 7360	8361 9649 7981 7360	8361 9649 7981 7360	8361 9649 7981 7360					
42nd		8361 9649 7981 7360	8361 9649 7981 7360	8361 9649 7981 7360	8361 9649 7981 7360					
41st		8361 9649 7981 7360	8361 9649 7981 7360	8361 9649 7981 7360	8361 9649 7981 7360					
40th	$f_c = 12000 \text{ psi}$	11839 11893 10325 10340	11839 11893 10325 10340	11839 11893 10325 10340	11839 11893 10325 10340					
39th		11839 11893 10325 10340	11839 11893 10325 10340	11839 11893 10325 10340	11839 11893 10325 10340					
38th	$f_c = 14000 \text{ psi}$	11991 12033 10488 10517	11991 12033 10488 10517	11991 12033 10488 10517	11991 12033 10488 10517					
37th		11991 12033 10488 10517	11991 12033 10488 10517	11991 12033 10488 10517	11991 12033 10488 10517					
36th		11991 12033 10488 10517	11991 12033 10488 10517	11991 12033 10488 10517	11991 12033 10488 10517					
35th(mechanical)		11991 12033 10488 10517	11991 12033 10488 10517	11991 12033 10488 10517	11991 12033 10488 10517					
CONTINUED FLOOR	COL. NO.	1	2	3	4	5	6</			









JDS DEVELOPMENT GROUP  
144 FIFTH AVENUE, 9TH FLOOR  
NEW YORK, NY 10011  
TEL: 646-635-3636



ARCHITECT  
SHP ARCHITECTS, P.C.  
234 BROADWAY, 17TH FLOOR  
NEW YORK, NY 10007  
TEL: 212-686-9000

STRUCTURAL ENGINEER  
TOPP CONSULTING  
228 EAST 47TH STREET  
NEW YORK, NY 10017  
TEL: 212-687-9888

MEP ENGINEER  
JAROEL BALM & BOLLER  
40 FIFTH AVE, 20TH FLOOR  
NEW YORK, NY 10003  
TEL: 212-510-3333

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40 FIFTH AVE, 20TH FLOOR  
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TEL: 212-510-3333

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40 WEST 20TH STREET, 4TH FLOOR  
NEW YORK, NY 10011  
TEL: 917-238-3382

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38 WAREHOSE STREET  
NEW YORK, NY 10003  
TEL: 212-613-3366

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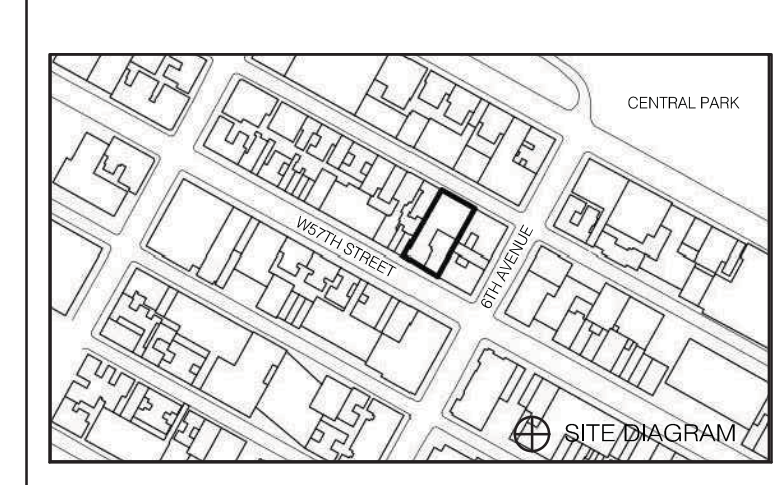
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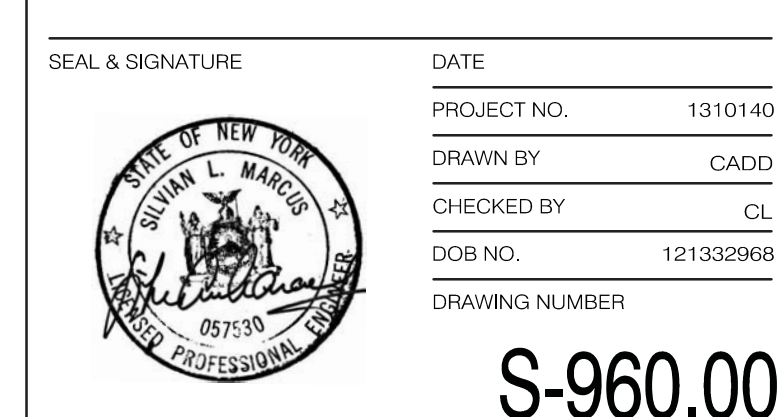
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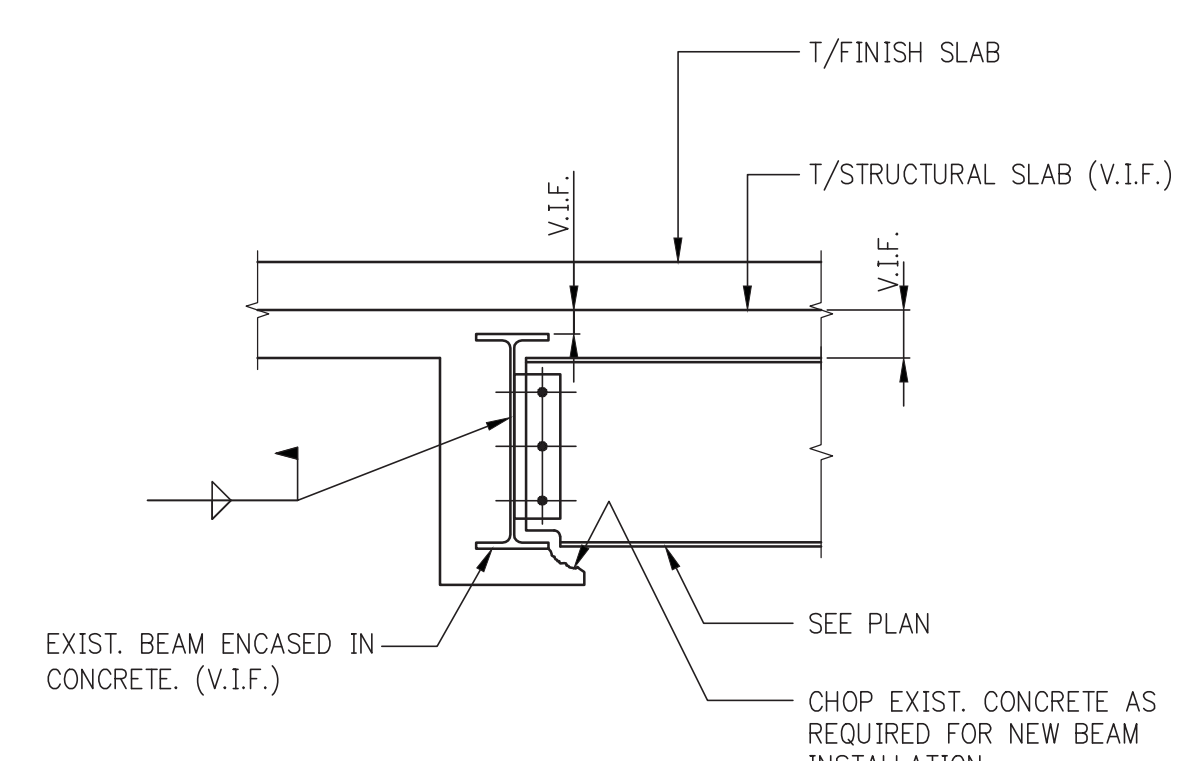
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DRAWING TITLE  
STEEL TYPICAL SUPERSTRUCTURE DETAILS 1

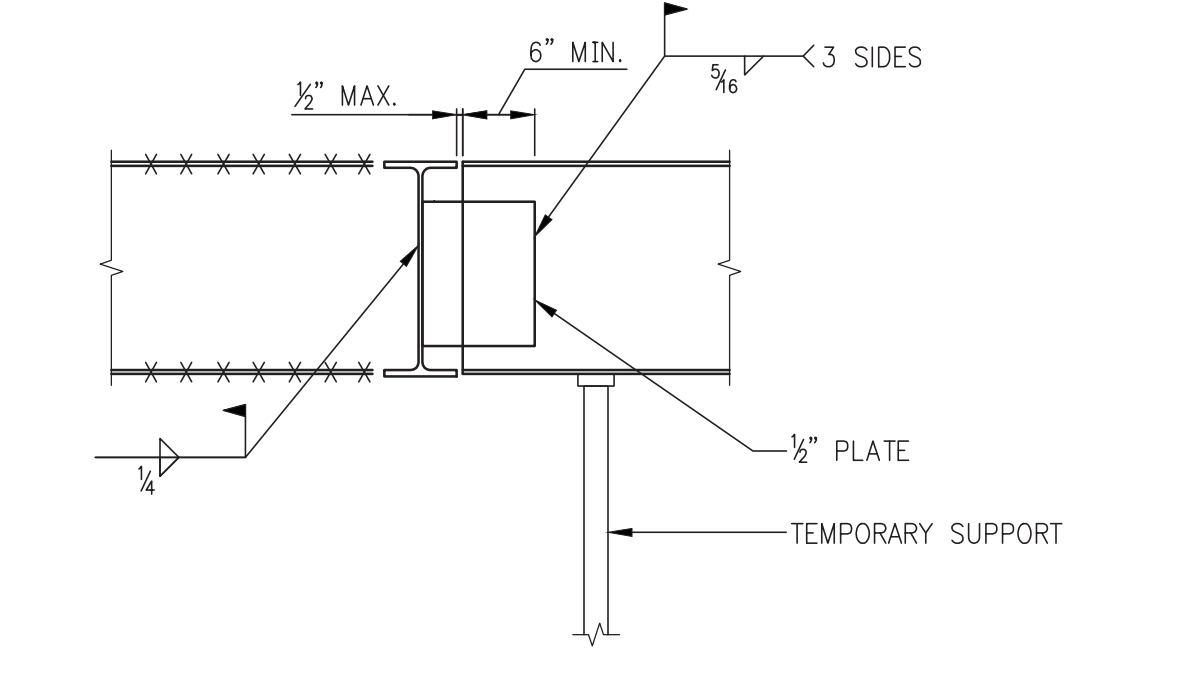
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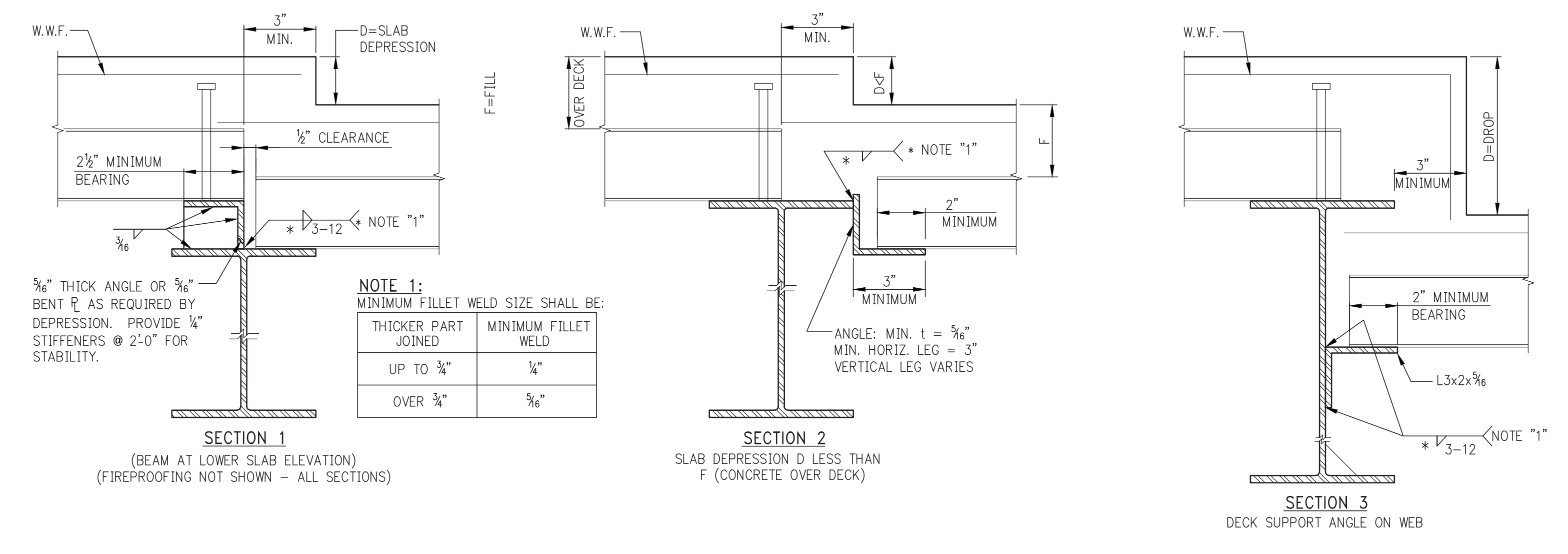
S-960.00



3  
S-960  
TYPICAL NEW BEAM TO EXISTING BEAM CONNECTION (CONNECTION TO EXISTING COLUMN IS SIMILAR)  
NOTE: DESIGN CONNECTION PER TYPICAL DETAILS OR REACTION SHOWN IN PLAN.



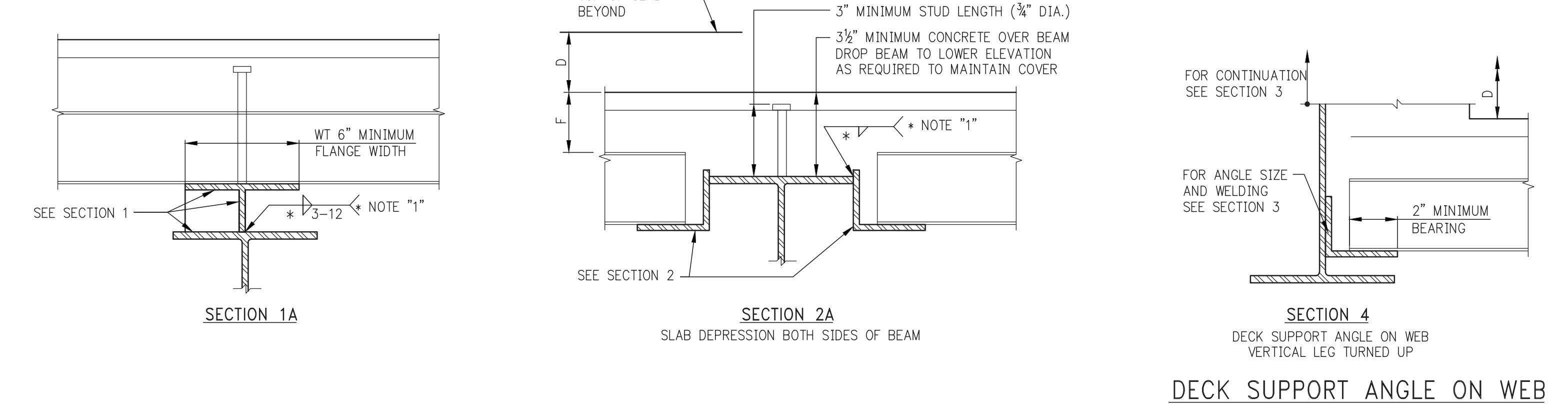
4  
S-960  
TYPICAL EXISTING BEAM RECONNECTION TO NEW BEAM (RB) (SIMILAR AT NEW COLUMN)



SECTION 1 (BEAM AT LOWER SLAB ELEVATION) (FIREPROOFING NOT SHOWN - ALL SECTIONS)

SECTION 2 SLAB DEPRESSION 0 LESS THAN F (CONCRETE OVER DECK)

SECTION 3 DECK SUPPORT ANGLE ON WEB



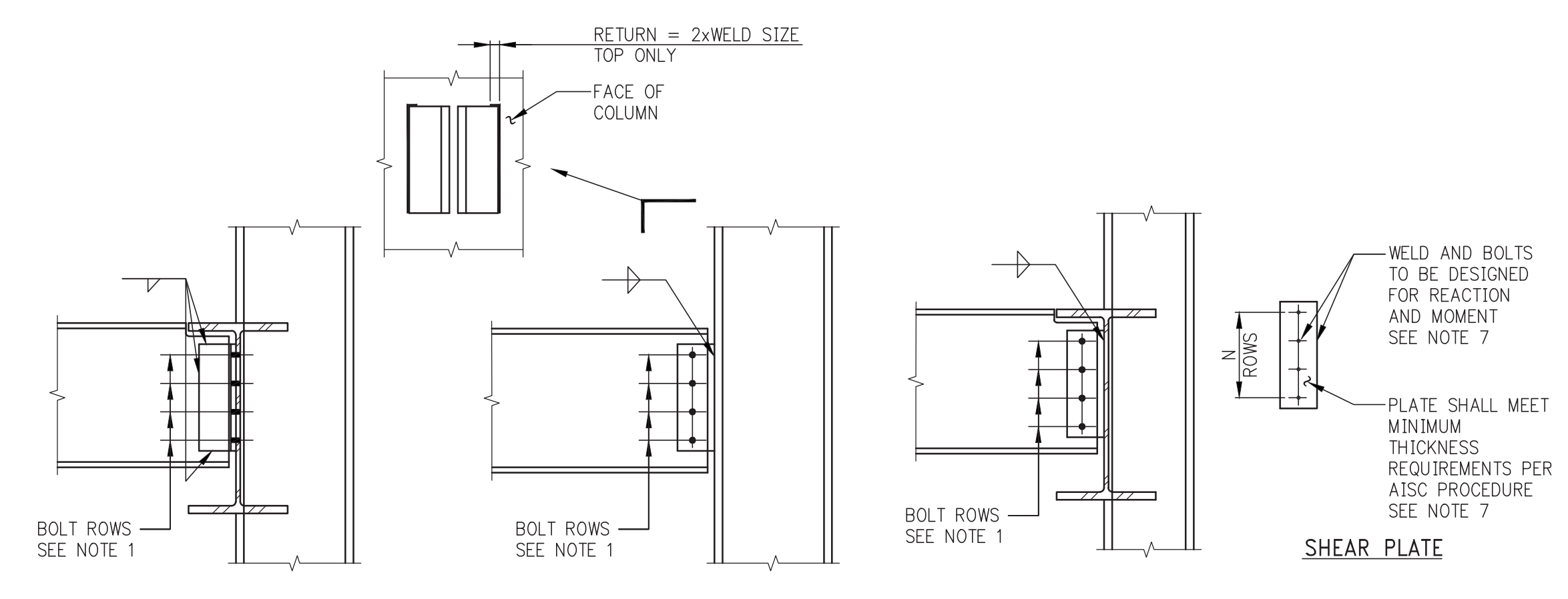
SECTION 1A

SECTION 2A SLAB DEPRESSION BOTH SIDES OF BEAM

SECTION 4 DECK SUPPORT ANGLE ON WEB VERTICAL LEG TURNED UP

2  
S-960  
SLAB DEPRESSIONS ON STEEL DECK  
SCALE: N.T.S.

DECK SUPPORT ANGLE ON WEB



1  
S-960  
SIMPLE SHEAR CONNECTIONS  
SCALE: N.T.S.

DESIGN OF SIMPLE SHEAR CONNECTIONS - REQUIREMENTS

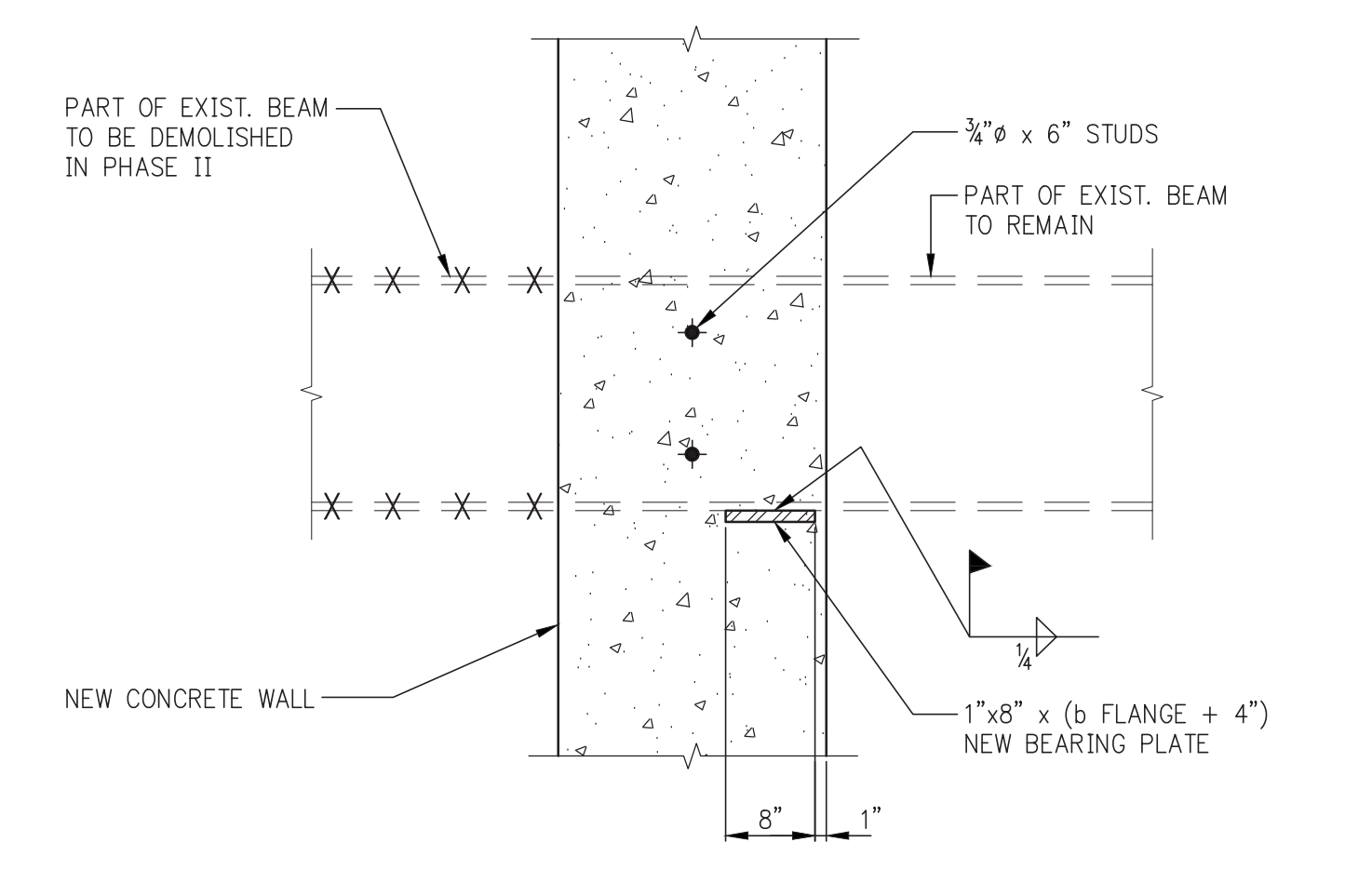
1. SIMPLE SHEAR CONNECTIONS SHALL BE DESIGNED FOR THE REACTION SHOWN ON THE DRAWINGS OR THE GREATEST OF THE FOLLOWING:
  - a) FOR COMPOSITE BEAMS, REACTION FROM AISC LRFD UNIFORM LOAD TABLES FOR BEAMS FOR APPLICABLE BEAM MATERIAL MULTIPLIED BY 2.0.
  - b) FOR NON-COMPOSITE BEAMS, REACTION FROM AISC LRFD UNIFORM LOAD TABLES FOR BEAMS FOR APPLICABLE BEAM MATERIAL MULTIPLIED BY 1.3
  - c) MINIMUM NUMBER OF BOLT ROWS AND MINIMUM CONNECTION CAPACITY, SEE TABLE.
2. IN ADDITION TO THE VERTICAL SHEAR BEAM TO BEAM END CONNECTIONS SHALL BE DESIGNED FOR THE MOST CRITICAL OF THE FOLLOWING:
  - a) AXIAL LOAD SHOWN ON DRAWINGS (LP) CONCOMITANT WITH THE VERTICAL SHEAR.
  - b) A DESIGN TENSION STRENGTH EQUAL TO THE LARGER OF THE PROVIDED SHEAR LOAD AT EITHER END BUT NOT LESS THAN 15% (LRFD) UO/LN. THE CONNECTION DESIGN FOR THIS REQUIREMENT SHALL BE IN ACCORDANCE WITH THE PROVISIONS OF N.Y. CITY BUILDING CODE SECTIONS BC 2213.2 ITEM 3.
3. IN ADDITION TO THE VERTICAL SHEAR BEAM TO COLUMNS END CONNECTION SHALL BE DESIGNED FOR THE MOST CRITICAL OF THE FOLLOWING:
  - a) AXIAL LOAD SHOWN ON DRAWINGS (LP) CONCOMITANT WITH THE VERTICAL SHEAR.
  - b) A DESIGN TENSION STRENGTH EQUAL TO THE LARGER OF THE PROVIDED SHEAR LOAD AT EITHER END BUT NOT LESS THAN 15% (LRFD) UO/LN. THE CONNECTION DESIGN FOR THIS REQUIREMENT SHALL BE IN ACCORDANCE WITH THE PROVISIONS OF N.Y. CITY BUILDING CODE SECTIONS BC 2213.2 ITEM 3.
4. BOLT TYPE SHALL BE ASTM A 325 (CONTRACTOR MAY USE A490 BOLTS AT HIS OPTION, SUBJECT TO MINIMUM NUMBER OF BOLTS REQUIREMENT).
5. ALL BOLTS SHALL BE FULLY PRESTENSIONED.
6. PROVIDE WEB REINFORCING AS REQUIRED DUE TO WEB CUTS, COPIES, ETC.
7. DESIGN OF DOUBLE ANGLE AND SHEAR PLATE CONNECTIONS SHALL BE BASED UPON THE LATEST AISC PROCEDURES SHOWN IN THE AISC MANUAL OF STEEL CONSTRUCTION.

BEAM SIZE	"N"
W8	2
WT8	2
WT12	3
WT14	3
WT16	3
WT18	4
WT21	4
WT24	4
WT27	5
WT30	5
WT33	6
WT36	6
WT40	7
WT44	7

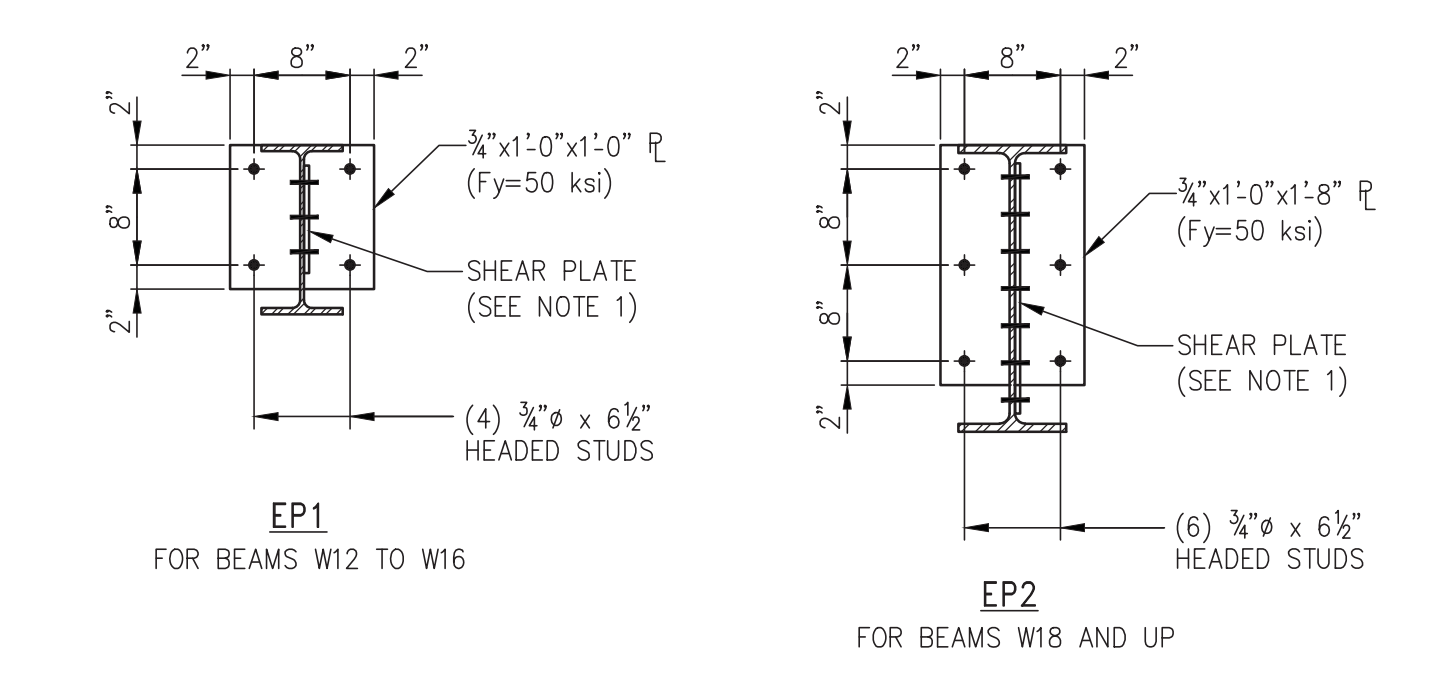
BEAM SIZE	FACTORED LOAD (K)
W8	15
W8	20
WT10	25
WT12	25
WT14	40
WT16	45
WT18	45
WT21	55
WT24	55
WT27	65
WT30	65
WT33	80
WT36	80
WT40	90
WT44	90

THICKER PART JOINED	MINIMUM FILLET WELD
UP TO 3/4"	1/4"
OVER 3/4"	5/16"

"N" = MINIMUM NUMBER OF BOLTS REQUIRED PER CONNECTION. THE TABULATED MINIMUM NUMBER OF BOLTS WILL GENERALLY BE EXCEEDED BY OTHER DESIGN CRITERIA.

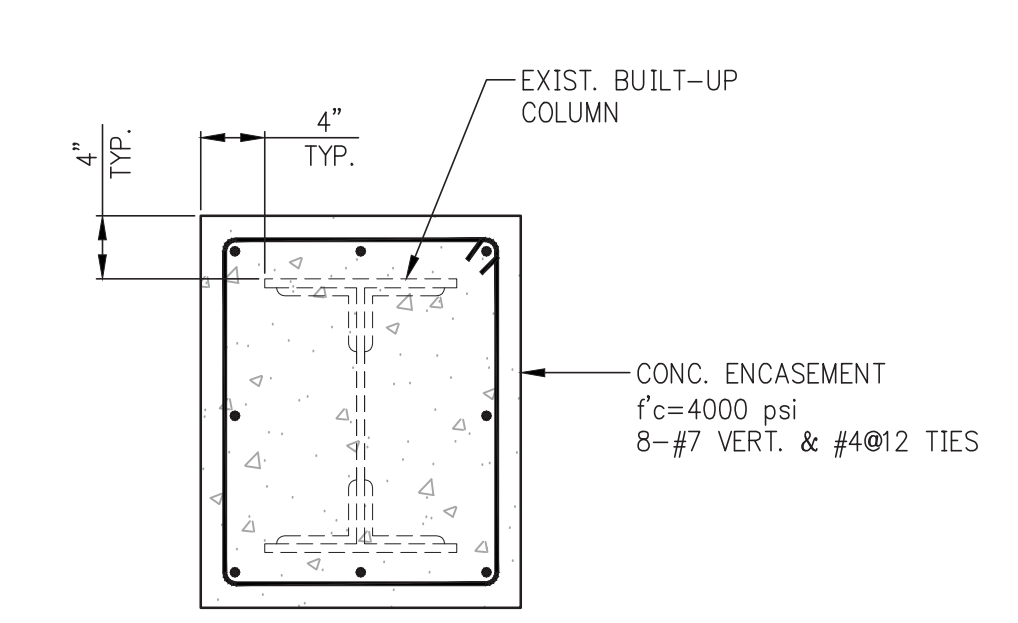


5  
S-960  
SECTION  
SCALE: 3/4\"/>

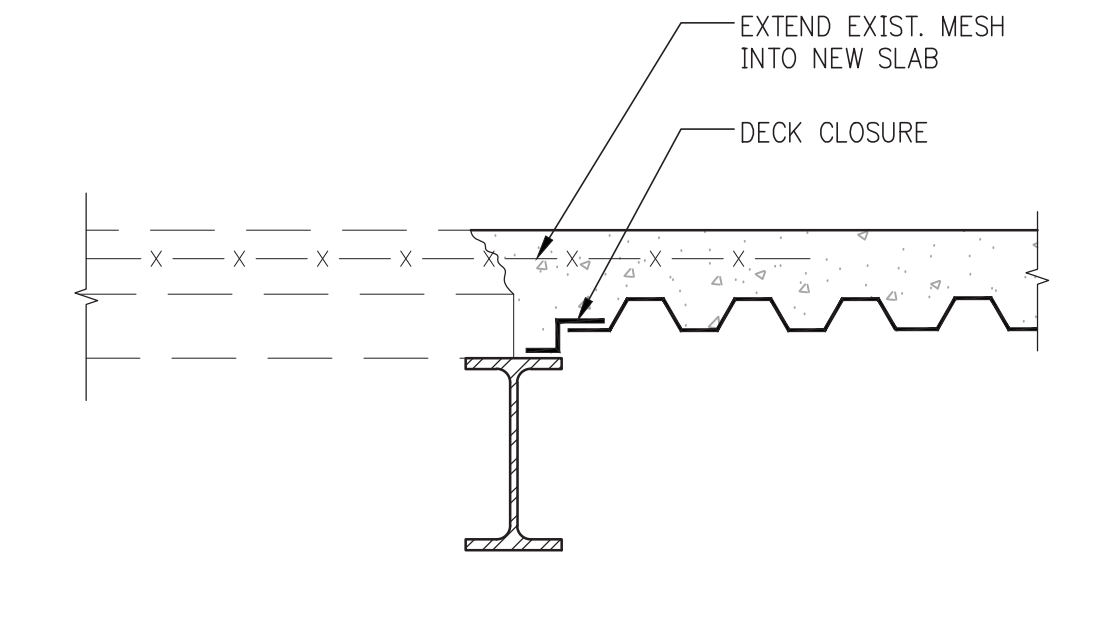


6  
S-960  
EMBEDDED PLATE DETAILS AT ATTACHMENT TO NEW CONCRETE FRAMING  
SCALE: 3/4\"/>

NOTE:  
1. BEAM TO SHEAR PLATE CONNECTION TO BE DESIGNED FOR VERTICAL LOAD AND CONNECTION ECCENTRICITY. SHEAR PLATE TO EMBEDDED PLATE CONNECTION TO BE DESIGNED FOR SHEAR ONLY.



7  
S-960  
TYPICAL COLUMN CONCRETE ENCASEMENT  
SCALE: 1\"/>

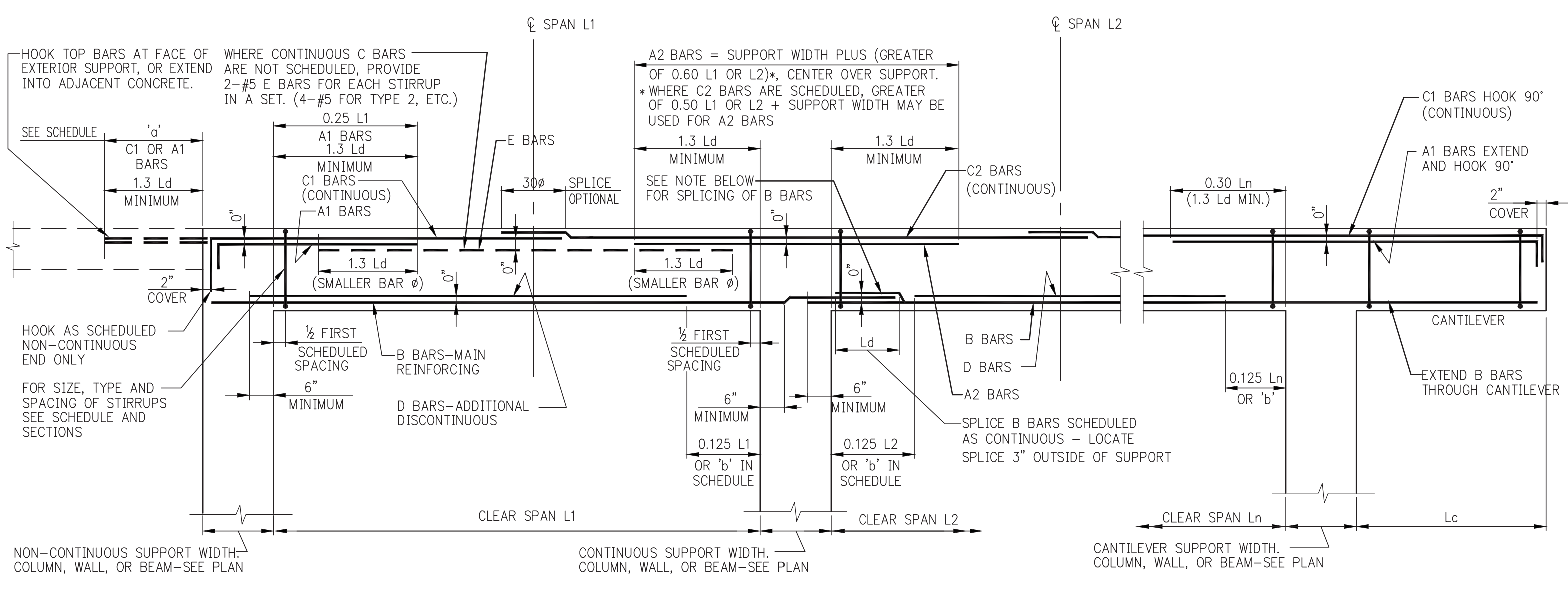


8  
S-960  
TYPICAL EXISTING SLAB TO NEW SLAB INTERFACE  
SCALE: 1\"/>







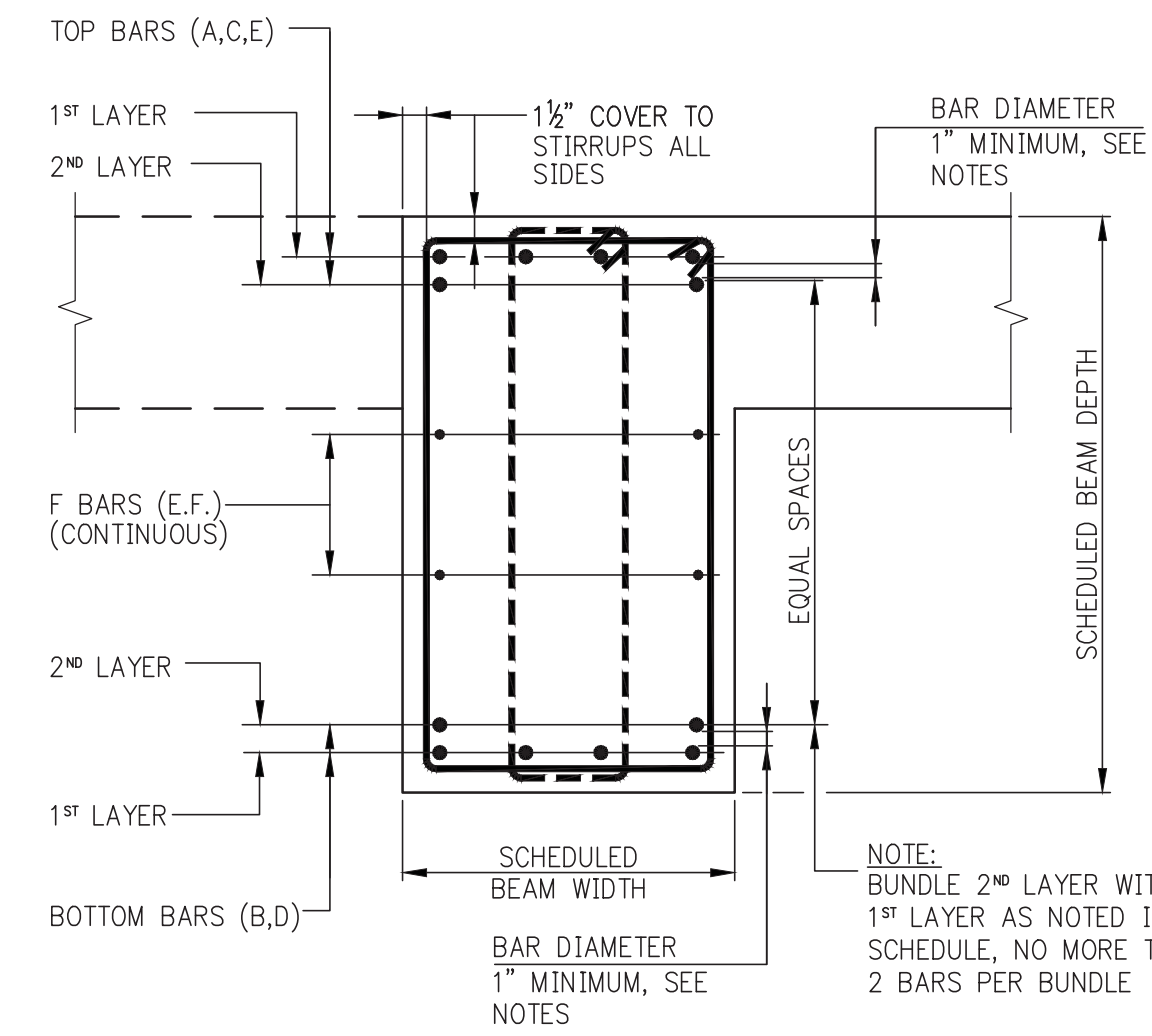


TYPICAL BEAM ELEVATION

**MINIMUM SHEAR REINFORCEMENT FOR DEEP BEAMS ( $D > L_n/4$ )**

D-BEAM WIDTH	MINIMUM STIRRUPS(AV) (SPACING = $S_w$ )	MINIMUM F BARS (AV) (SPACING = $S_2$ )
UP TO 12"	1-#4 @ 12" MAX.	#4 E.F. @ 12" MAX.
12" TO 24"	2-#4 @ 12" MAX.	#4 E.F. @ 12" MAX.
24" TO 36"	3-#4 OR 2-#5 @ 12" MAX.	#5 E.F. @ 12" MAX.
36" TO 42"	2-#5 @ 12" MAX.	#5 E.F. @ 12" MAX.
42" TO 48"	4-#4 OR 3-#5 @ 12" MAX.	#6 E.F. @ 12" MAX.

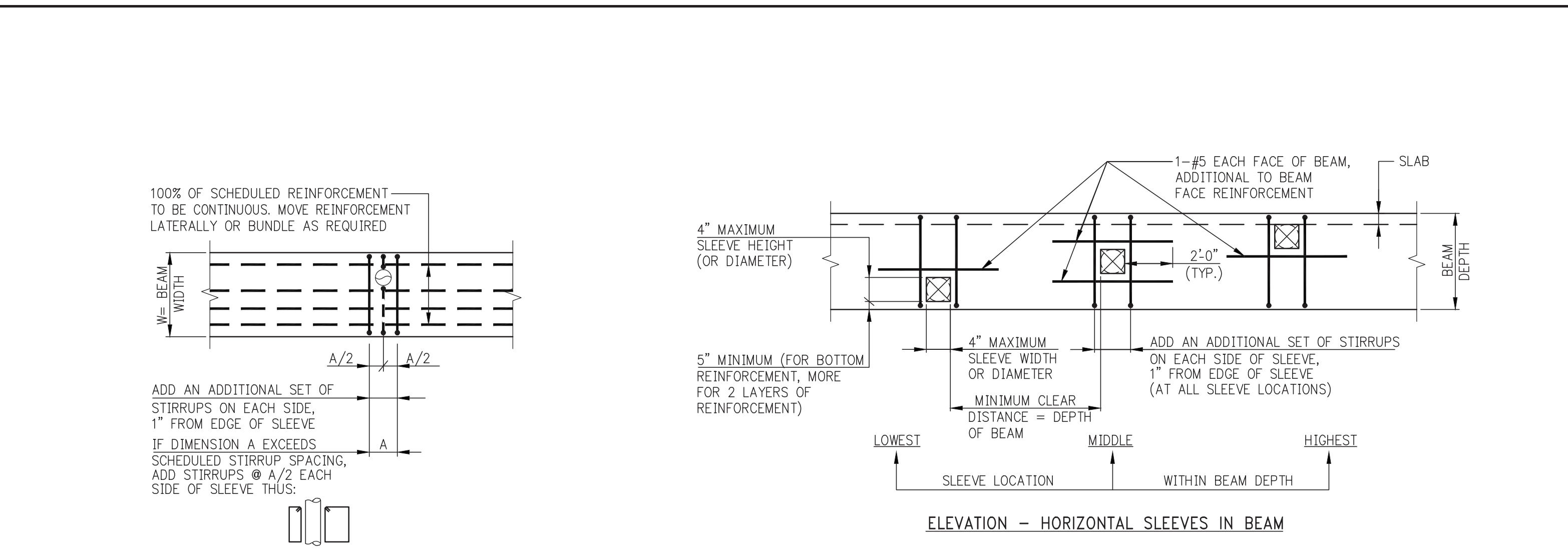
\* PER ACI 11.8.4 AND 11.8.5, SPACINGS S AND S2 SHALL NOT EXCEED  $D/5$ , NOR 12 INCHES.



TYPICAL BEAM SECTION

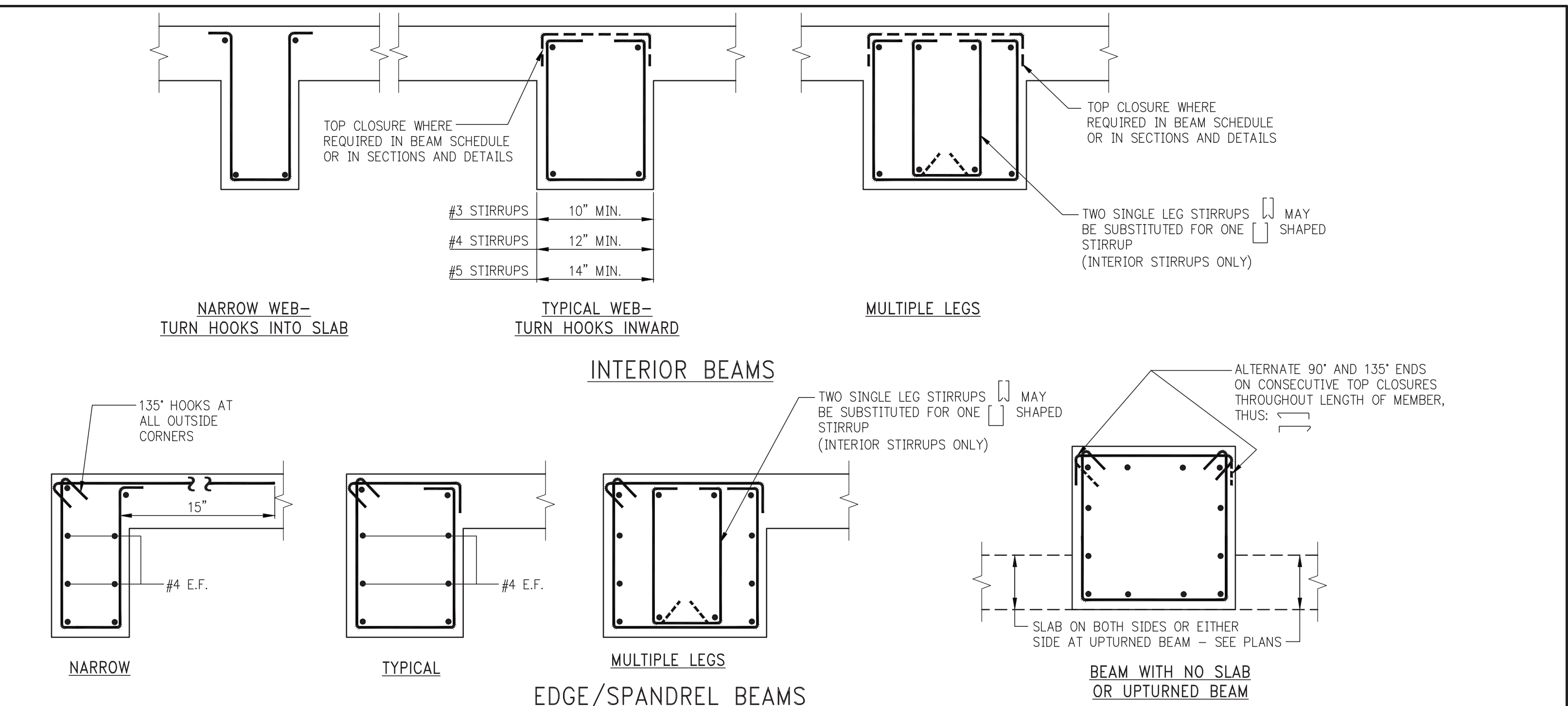
- NOTES:**
- WHERE BARS ARE PLACED IN TWO LAYERS THE MINIMUM CLEAR DISTANCE BETWEEN LAYERS SHALL BE THE LARGER OF: A: BAR DIAMETER, OR B: 1".
  - BEAM REINFORCEMENT SHALL BE LOCATED LATERALLY AS REQUIRED TO CLEAR COLUMN VERTICAL REINFORCEMENT.
  - WHERE BEAMS MEET AND CROSS EACH OTHER AT A SUPPORT, THE SHALLOWER BEAM SHALL HAVE ITS TOP REINFORCEMENT PLACED IN THE OUTERMOST (TOP) LAYER.
  - IN THE EVENT ONE CROSSING BEAM IS A CANTILEVER, THE CANTILEVER BEAM SHALL HAVE ITS TOP REINFORCEMENT PLACED IN THE OUTERMOST (TOP) LAYER.
  - WHERE F BARS (FACE BARS) ARE INDICATED IN THE BEAM SCHEDULE, THEY SHALL BE UNIFORMLY SPACED ON BOTH BEAM FACES AND SHALL BE CONTINUOUS, WITH STAGGERED 30# LAP SPLICES.
  - SEE SCHEDULE OF SHEAR REINFORCEMENT FOR DEEP BEAMS ( $D > L_n/4$ ) FOR MINIMUM STIRRUP AND FACE BAR REQUIREMENTS.
  - THE FIRST STIRRUP AT EACH END SHALL BE PLACED AT 1/3 THE SCHEDULED SPACE FROM THE FACE OF SUPPORTING MEMBER. SUBSEQUENT STIRRUPS SHALL BE SPACED AS INDICATED IN THE BEAM SCHEDULE. THE SCHEDULE GIVES NUMBER OF SPACES, NOT NUMBER OF STIRRUPS.
  - WHERE MORE THAN ONE STIRRUP IS INDICATED IN A SET, PLACE EACH SET AT THE SCHEDULED SPACING.
  - SCHEDULED STIRRUP SPACING IS THE SAME AT EACH END UNLESS OTHERWISE NOTED.
  - PROVIDE #4 CLOSED TIE STIRRUPS @ 18" O/C WHERE SCHEDULED STIRRUPS DO NOT EXTEND TO END OF TOP BARS.

NOTE:  
USE TYPICAL CUTOFF LENGTHS SHOWN UNLESS 1/2" OR 3/4" DIMENSIONS OR OTHER DIMENSIONS ARE GIVEN IN THE BEAM SCHEDULE.



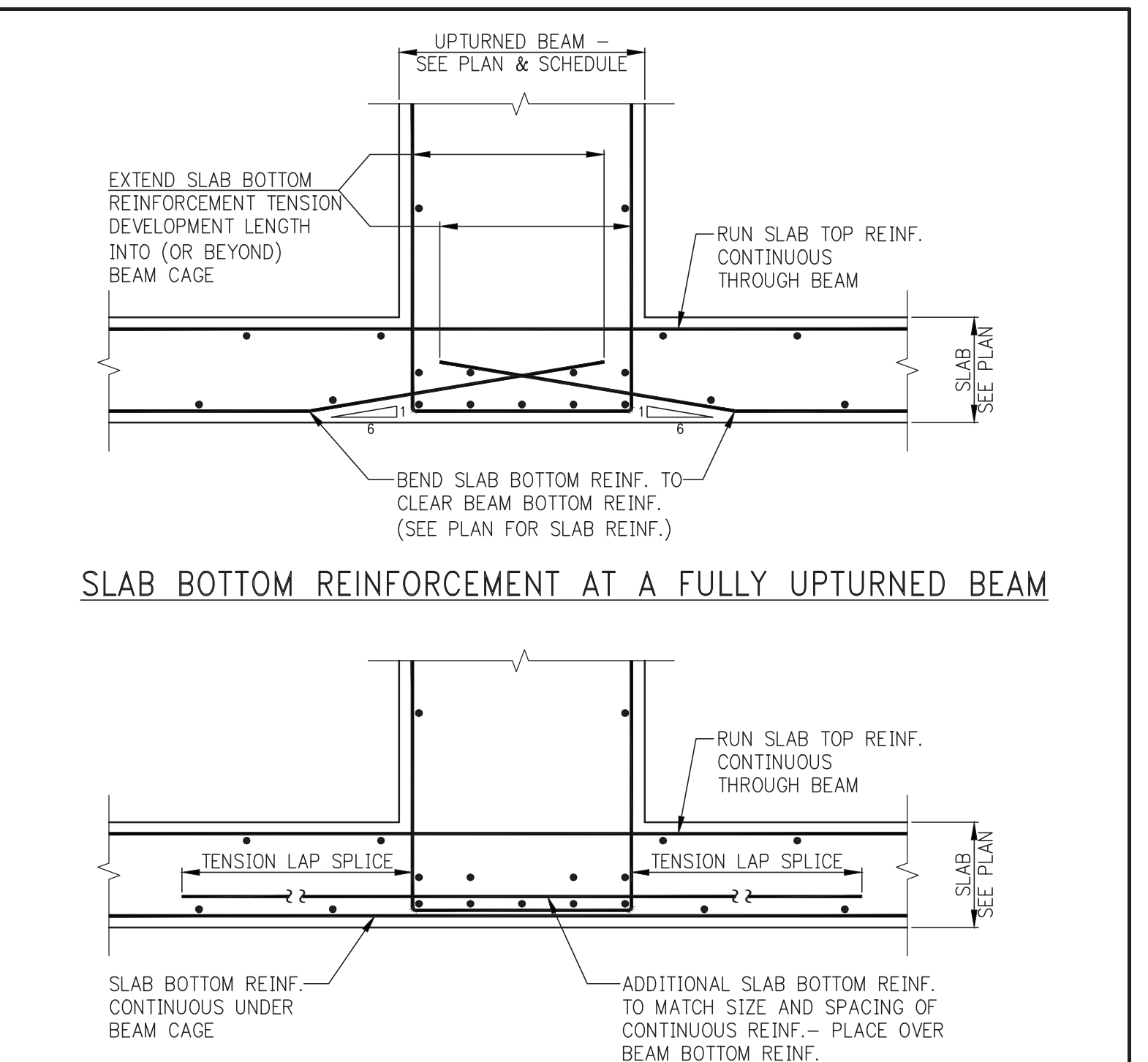
ELEVATION - HORIZONTAL SLEEVES IN BEAM

NOTE:  
1. ALL SCHEDULED BEAM REINFORCEMENT (NOT SHOWN) IS TO BE CONTINUOUS.  
2. NO OPENINGS LARGER THAN 4" (SQUARE OR ROUND) ARE PERMITTED UNLESS SPECIFICALLY INDICATED ON STRUCTURAL PLANS.



INTERIOR BEAMS

- NOTES:**
- TOP CLOSURES REQUIRED IN ALL EDGE/SPANDREL BEAMS.
  - 2-#4 E.F. IS MINIMUM FACE REINF. REQUIRED, UNLESS BEAM SCHEDULE (OR DETAILS) CALLS FOR HEAVIER REINF.



ALTERNATIVE SLAB BOTTOM REINFORCEMENT AT A FULLY UPTURNED BEAM

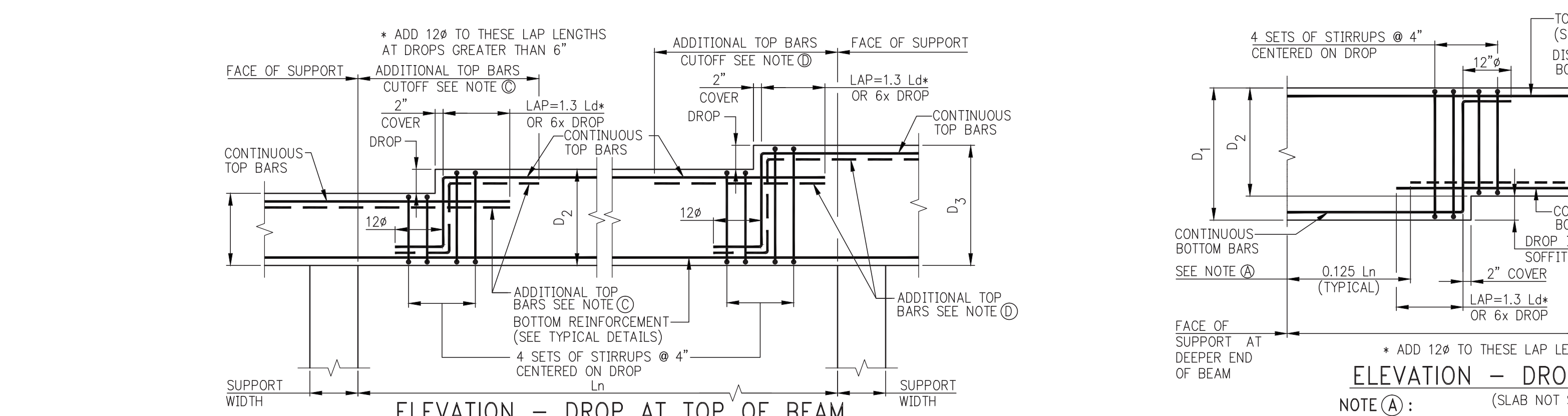
NOTE:  
100% OF SCHEDULED REINFORCEMENT TO BE CONTINUOUS. MOVE REINFORCEMENT LATERALLY AS REQUIRED.

NOTE:  
ADD AN ADDITIONAL SET OF STIRRUPS ON EACH SIDE, 1" FROM EDGE OF SLEEVE IF DIMENSION A EXCEEDS SCHEDULED STIRRUP SPACING. ADD STIRRUPS @ A/2 EACH SIDE OF SLEEVE. THIS

NOTE:  
4" MAXIMUM SLEEVE HEIGHT (OR DIAMETER)

NOTE:  
5" MINIMUM (FOR BOTTOM REINFORCEMENT, MORE FOR 2 LAYERS OF REINFORCEMENT)

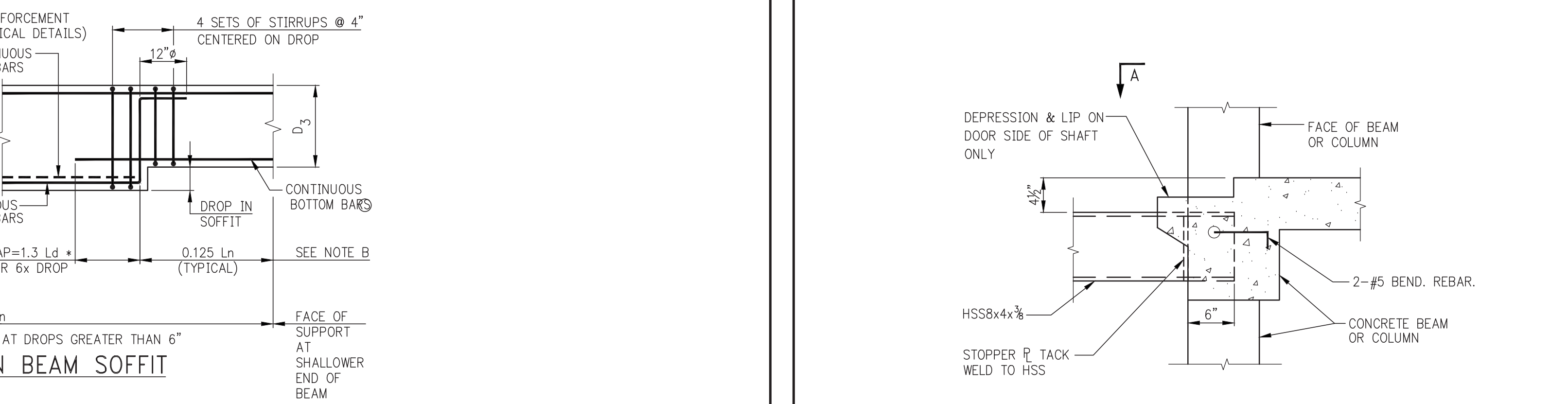
NOTE:  
PLAN - VERTICAL SLEEVE IN BEAM



ELEVATION - DROP AT TOP OF BEAM

NOTE (C): (SLAB NOT SHOWN)  
IF LAP LENGTH OF LOWER ADDITIONAL TOP BARS ( $D_1$ ) EXTENDS BEYOND THE CUTOFF LENGTH, THEN ADDITIONAL TOP BARS NEED NOT BE PLACED AT TOP OF DEEPER PORTION OF BEAM ( $D_2$ ).

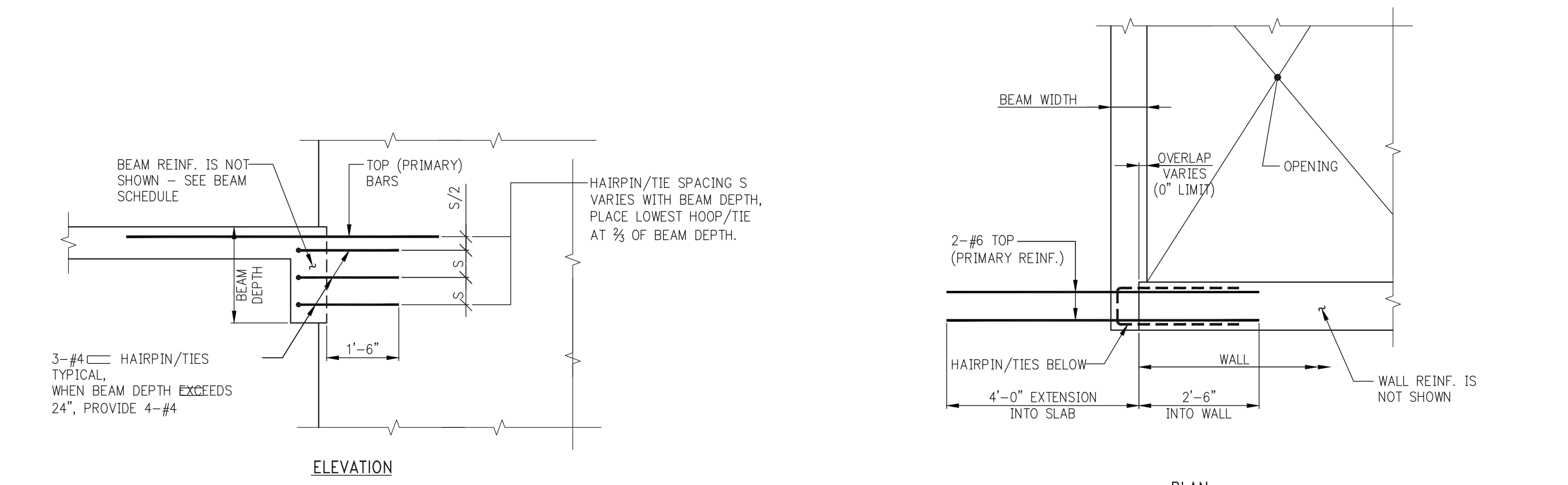
NOTE (D):  
IF DROP OCCURS BEYOND THE CUTOFF LENGTH OF UPPER LEVEL ADDITIONAL TOP BARS ( $D_1$ ), THEN ADDITIONAL TOP BARS NEED NOT BE PLACED IN SHALLOWER PORTION OF BEAM ( $D_2$ ).



ELEVATION - DROP IN BEAM SOFFIT

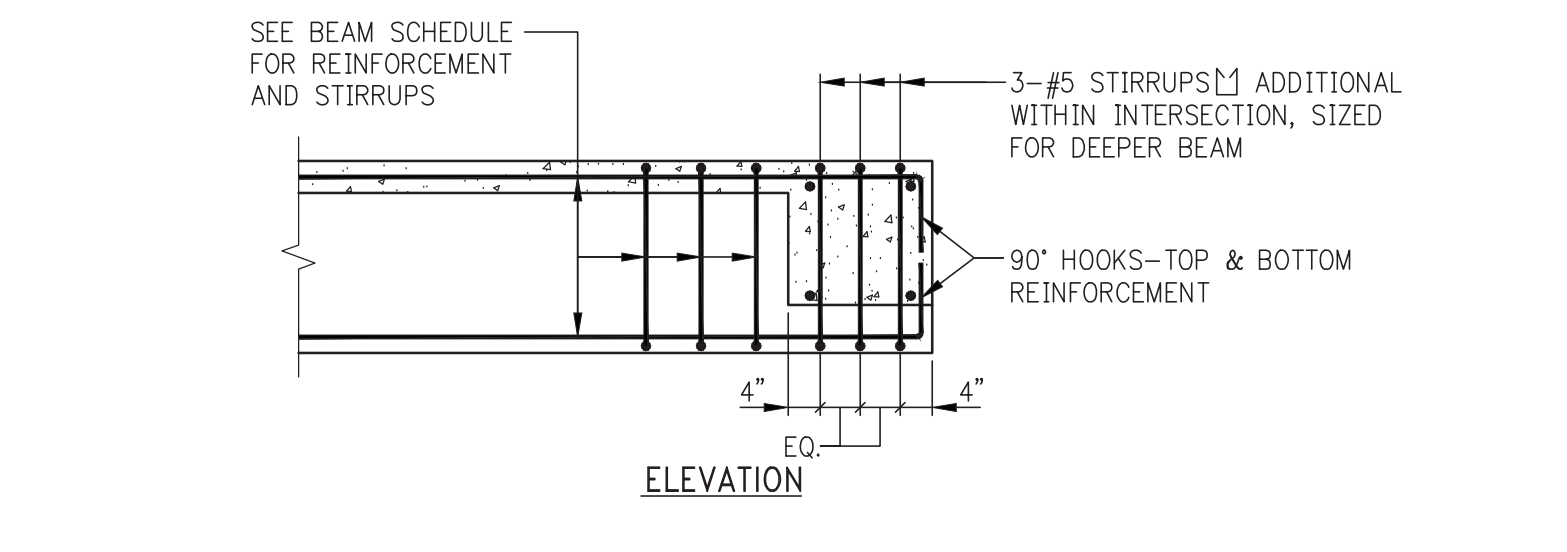
NOTE (A): (SLAB NOT SHOWN)  
IF DISCONTINUOUS BOTTOM BARS ARE CUT OFF WITHIN, SPLICE LENGTH OF CONTINUOUS BOTTOM BARS, THEN DISCONTINUOUS BOTTOM BARS NEED NOT BE CONTINUED AT BOTTOM OF DEEPER PORTION OF BEAM ( $D_1$ ).

NOTE (B):  
IF DROP OCCURS WITHIN TYPICAL CUTOFF OF DISCONTINUOUS BOTTOM BARS, THEN DISCONTINUOUS BOTTOM BARS NEED NOT BE CONTINUED IN SHALLOWER PORTION OF BEAM ( $D_2$ ).



BEAM SUPPORT BRACKET AT END OF WALL

NOTE:  
IF THIS CONDITION OCCURS AT A COLUMN, PROVIDE 90° HOOKS ON BRACKET REINF. IF EMBEDMENT IS LIMITED.



DEEP BEAM FRAMING INTO SHALLOW BEAM

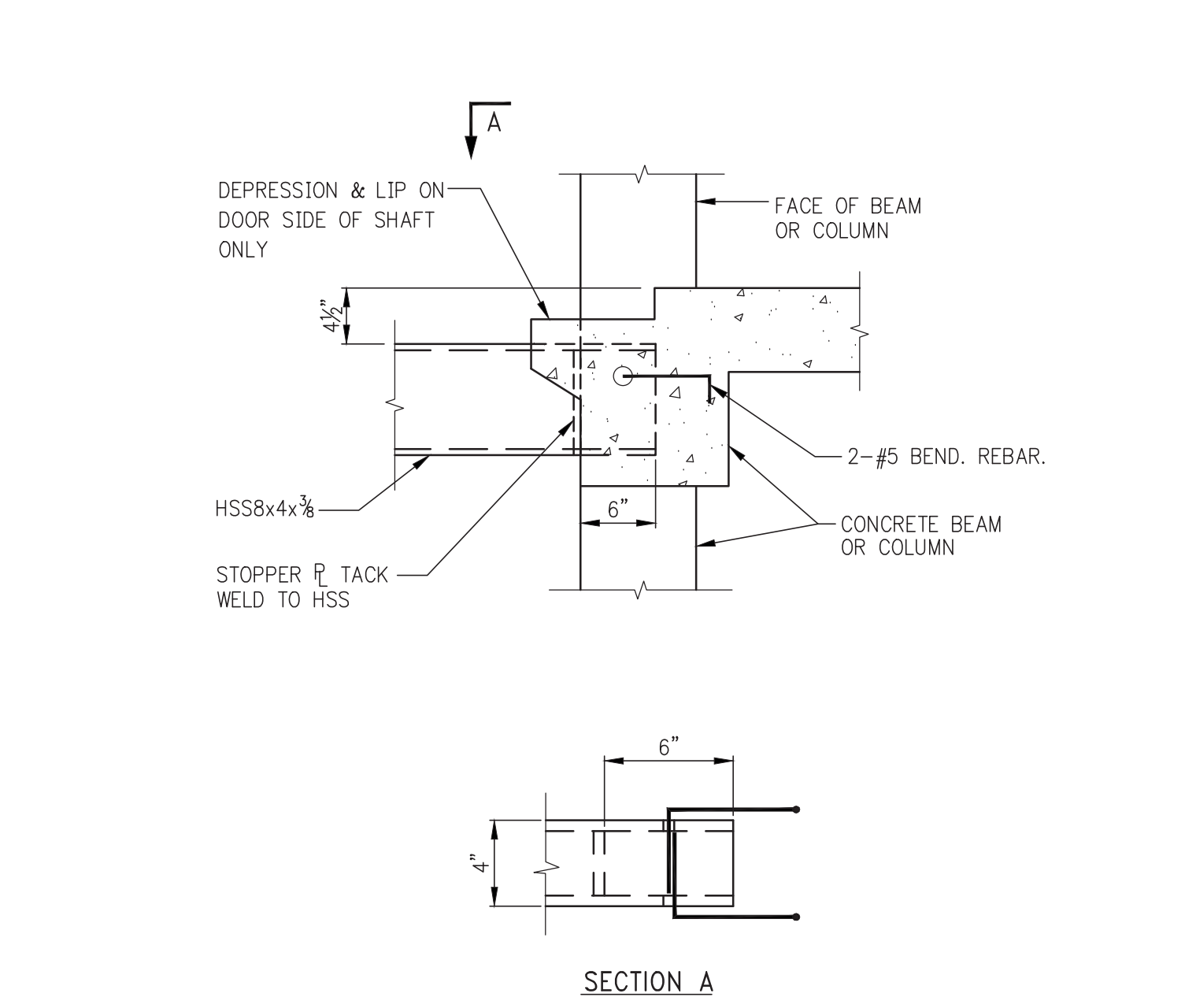
NOTE:  
ADD #5x4'0"Ø12 WHERE TOP REINFORCEMENT IS NOT PROVIDED (2 MINIMUM)

NOTE:  
WHERE  $D > 24$ , ADD #5x4'0"Ø12 ACROSS MID-DEPTH OF BEAM (2 MINIMUM)

NOTE:  
BOTTOM REINFORCEMENT TO BE CONTINUOUS THROUGH JOINT

NOTE:  
CONTRACTOR MUST SUBMIT LOCATIONS OF ALL CONSTRUCTION JOINTS TO THE ENGINEER FOR REVIEW PRIOR TO CONSTRUCTION.

ELEVATION - BEAM CONSTRUCTION JOINT



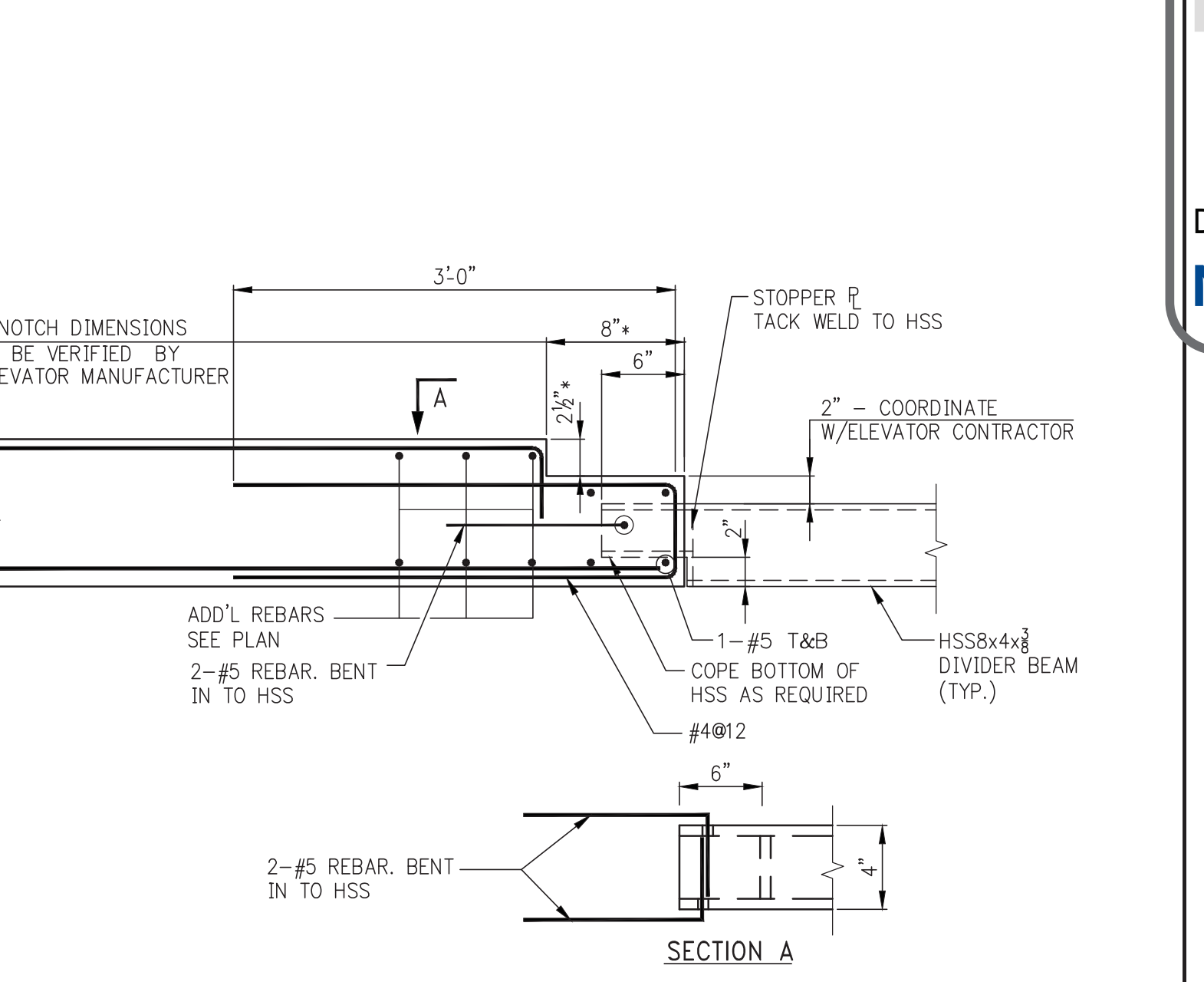
DETAIL OF ELEVATOR DIVIDER BEAM CONNECTION @ CONCRETE BEAM

NOTE:  
NOTCH DIMENSIONS TO BE VERIFIED BY ELEVATOR MANUFACTURER

NOTE:  
FOR BEAM SIZE AND REINFORCEMENT SEE BEAM SCHEDULE

NOTE:  
VERIFY DIMENSION WITH ELEVATOR MANUFACTURER

BEAM AT ELEVATOR SILL



DETAIL OF ELEVATOR DIVIDER BEAM CONNECTION @ CONCRETE SLAB

NOTE:  
NOTCH DIMENSIONS TO BE VERIFIED BY ELEVATOR MANUFACTURER

NOTE:  
FOR BEAM SIZE AND REINFORCEMENT SEE BEAM SCHEDULE

NOTE:  
VERIFY DIMENSION WITH ELEVATOR MANUFACTURER

ELEVATOR SHEAVE BEAM

NOTE:  
SHEAVE BEAMS TO BE SET BY ELEVATOR CONTRACTOR.



JDS DEVELOPMENT GROUP  
140 WEST 57TH STREET, 11TH FLOOR  
NEW YORK, NY 10019  
TEL: 646.633.3000



ARCHITECT  
SHIP ARCHITECTS, P.C.  
60 BROADWAY, 11TH FLOOR  
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NEW YORK, NY 10002  
TEL: 212.613.3000

RESTORATION  
JAN HIND POKORNY ASSOCIATES  
40 WEST 57TH STREET, 17TH FLOOR  
NEW YORK, NY 10019  
TEL: 212.759.6462

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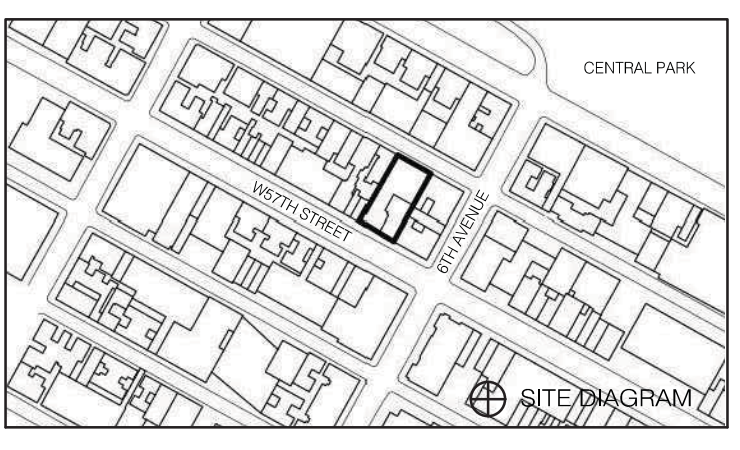
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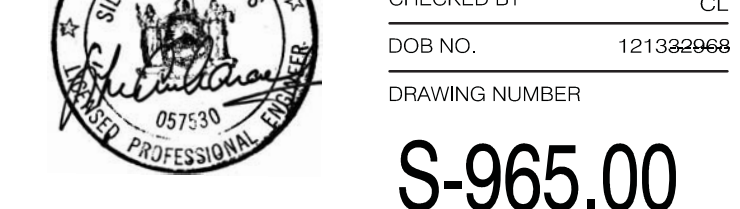
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01-17	02-05-15	DESIGN
01-20	02-05-15	ISSUE
01-23	02-05-15	REVISION
01-26	02-05-15	REVISION

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**CONCRETE TYPICAL SUPERSTRUCTURE DETAILS 1**

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DOB NO. 12134666  
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NEW YORK, NY 10019  
TEL: 646.635.3000



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40 WEST STREET, 6TH FLOOR  
NEW YORK, NY 10005  
TEL: 917.238.3382

INTERIORS  
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300 WALKER STREET, 17TH FLOOR EAST  
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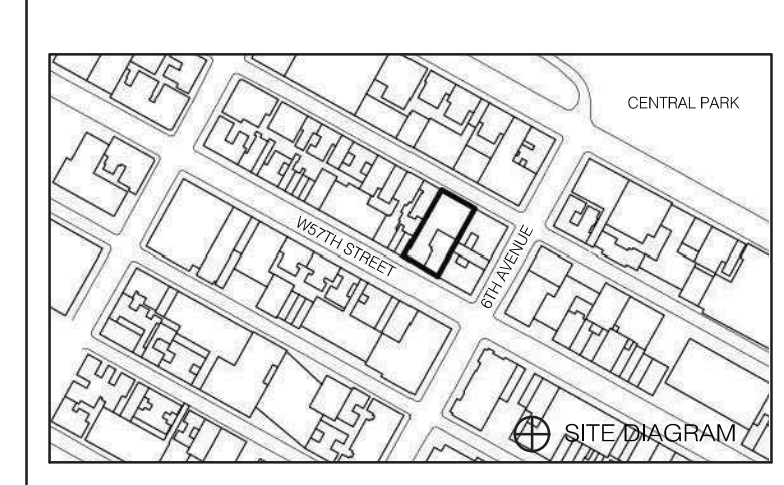
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CONCRETE TYPICAL SUPERSTRUCTURE DETAILS 4

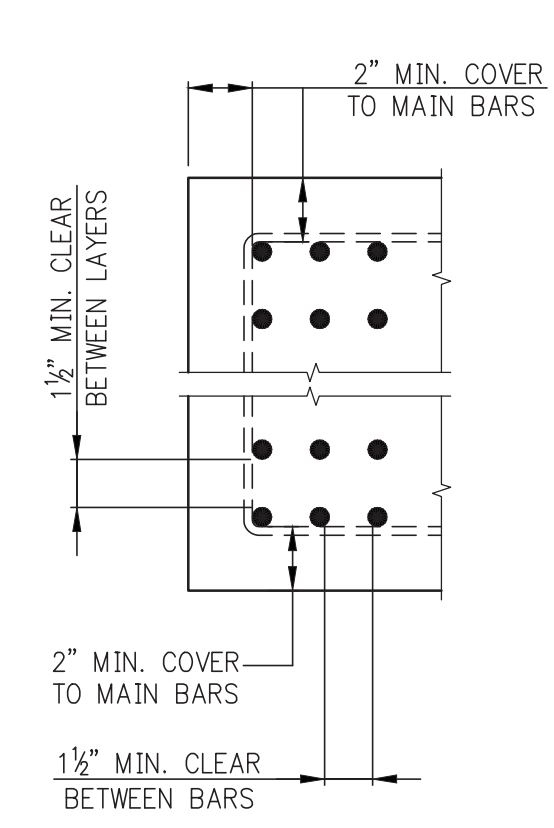
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PROJECT NO.: 13101-00  
DRAWN BY: CAD/D  
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DOB NO.: 121340066  
DRAWING NUMBER: 01/10  
S-968.00

TABLE #1: TENSION LAP SPlice LENGTHS (CLASS B MINIMUM)

BAR SIZE	TABLE 1.A: 3/4" COVER TO OUTER LAYER BARS OUTER LAYER LAP LENGTHS (IN INCHES)					TABLE 1.C: 1 1/2" COVER TO OUTER LAYER BARS OUTER LAYER LAP LENGTHS (IN INCHES)										
	3,000	4,000	5,000	6,000	7,000	8,000	9,000	10,000	3,000	4,000	5,000	6,000	7,000	8,000	9,000	10,000
#3	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
#4	21	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
#5	31	27	24	24	24	24	24	24	24	24	24	24	24	24	24	24
#6	43	37	33	30	29	29	29	29	29	29	29	29	29	29	29	29
#7	69	60	53	49	45	42	40	38	37	37	37	37	37	37	37	37
#8	85	74	66	60	56	52	49	47	46	46	46	46	46	46	46	46
#9	103	89	80	73	67	63	59	56	55	55	55	55	55	55	55	55
#10	121	105	94	86	79	74	70	66	65	65	65	65	65	65	65	65
#11	140	122	109	99	92	86	81	77	76	76	76	76	76	76	76	76

TABLE 1.B: 3/4" COVER TO OUTER LAYER BARS  
INNER LAYER LAP LENGTHS (IN INCHES)

BAR SIZE	TABLE 1.A: IF BAR SPACING IS LESS THAN 4" O/C UP TO #8, 5" O/C FOR #9, #10, #11					TABLE 1.D: 1 1/2" COVER TO OUTER LAYER BARS INNER LAYER LAP LENGTHS (IN INCHES)										
	3,000	4,000	5,000	6,000	7,000	8,000	9,000	10,000	3,000	4,000	5,000	6,000	7,000	8,000	9,000	10,000
#3	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
#4	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
#5	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
#6	30	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29
#7	48	42	38	34	34	34	34	34	34	34	34	34	34	34	34	34
#8	61	53	47	43	40	39	39	39	39	39	39	39	39	39	39	39
#9	75	65	58	53	49	46	44	44	44	44	44	44	44	44	44	44
#10	89	77	69	63	58	55	51	49	49	49	49	49	49	49	49	49
#11	104	90	81	74	68	64	60	57	57	57	57	57	57	57	57	57



NOTES FOR TENSION LAP SPLICES  
1. REINFORCEMENT IS UNCOATED, WITH Fy=60,000 PSI.  
2. CONCRETE IS NORMAL WEIGHT (144-150#/C.F.).  
3. FOR "TOP" BAR SPlice LENGTHS ("TOP" IS DEFINED BY ACI 318 AS HAVING MORE THAN 12 INCHES OF FRESH CONCRETE CAST BELOW THE BARS), TABULATED LENGTHS MUST BE MULTIPLIED BY 1.3.  
4. LENGTHS TABULATED MUST BE MULTIPLIED BY THE FOLLOWING MODIFICATION FACTORS:  
a. LIGHTWEIGHT CONCRETE .....1.3  
b. EPOXY-COATED BARS:  
1) BARS WITH COVER < 3sb, OR WITH CLEAR SPACING < 6sb, ...1.5 FOR BOTTOM & VERTICAL BARS, ...1.3 FOR "TOP" BARS  
2) ALL OTHER CONDITIONS .....1.2  
\* FOR EPOXY-COATED "TOP" BARS THE MAXIMUM FOR COMBINED FACTORS = 1.7  
5. WHERE TENSION DEVELOPMENT LENGTH (Ld) IS REQUIRED ON PLANS OR IN DETAILS, SEE TENSION DEVELOPMENT LENGTH TABLES.  
6. CLASS A LAP SPlice LENGTHS ARE EQUAL TO TENSION DEVELOPMENT LENGTHS. SEE TABLES FOR TENSION DEVELOPMENT LENGTHS (Ld). APPLY APPROPRIATE MODIFICATION FACTORS TO CLASS A SPlice LENGTHS.

MULTIPLE LAYERS  
PROVIDE MINIMUM COVER AND CLEARANCES SHOWN, USE TABLE 1.A FOR LAP SPlice LENGTHS.

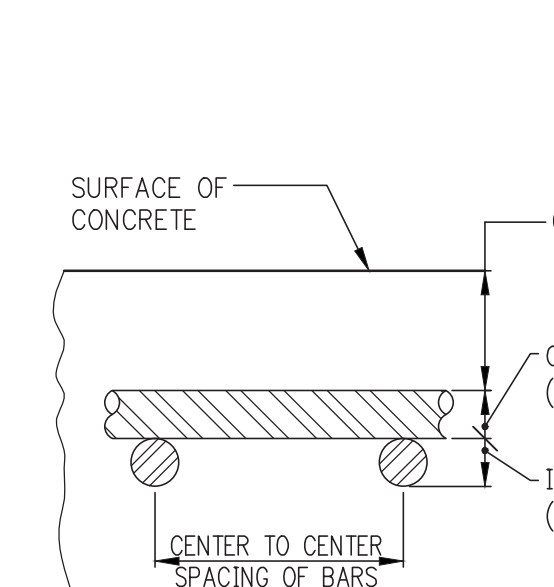


TABLE #3 TENSION DEVELOPMENT LENGTHS FOR STANDARD END HOOKS (ldh) (LENGTHS IN INCHES)

BAR SIZE	CONCRETE STRENGTH (PSI)							
	3,000	4,000	5,000	6,000	7,000	8,000	9,000	10,000
#3	9	7	7	6	6	6	6	6
#4	11	10	9	8	7	7	7	6
#5	14	12	11	10	9	9	8	8
#6	17	15	13	12	11	10	10	9
#7	19	17	15	14	13	12	11	11
#8	22	19	17	16	15	14	13	12
#9	25	22	19	18	16	15	15	14
#10	28	24	22	20	19	17	16	16
#11	31	27	24	22	21	19	18	17
#14	37	32	29	27	25	23	22	21
#18	50	43	39	35	33	31	29	27

NOTES:  
1. TABLE 2 CONFORMS TO ACI 318-2002 (AND 2005). TABULATED VALUES ARE BASED UPON ACI 12.5.2, ASSUMING GRADE 60 REINFORCEMENT AND NORMALWEIGHT CONCRETE.  
2. PER ACI 12.5.3 (g), 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 ldh SHALL NOT BE LESS THAN 8d, NOR 6 INCHES.

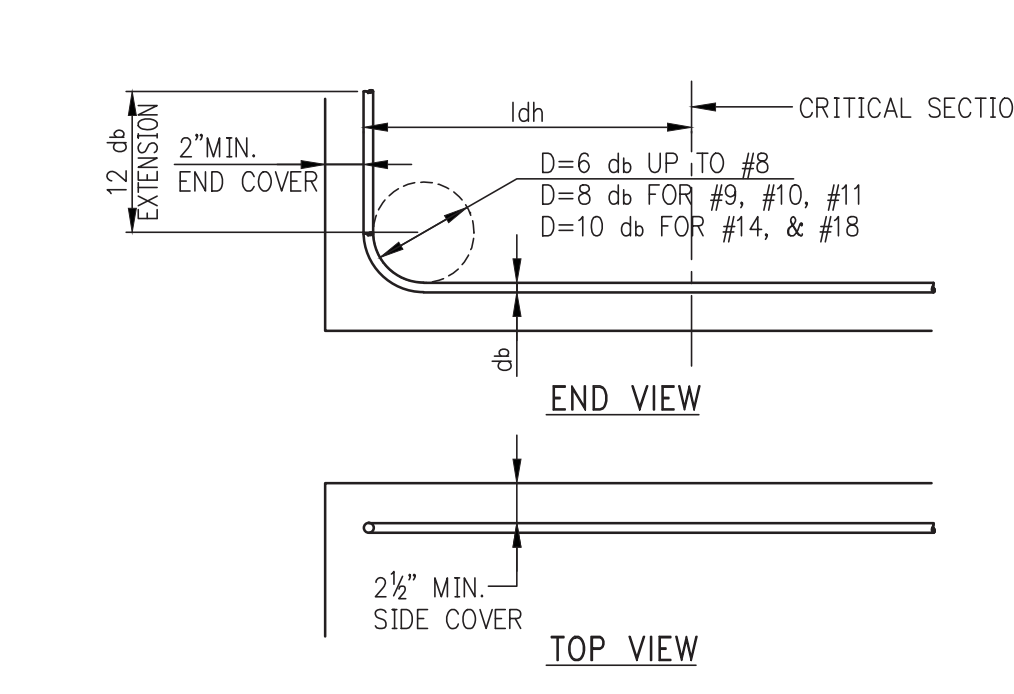


TABLE #4 COMPRESSION LAP SPLICES (LENGTHS IN INCHES)

BAR SIZE	GRADE OF REINFORCEMENT		
	60 KSI (50 DIA.)	75 KSI (44 DIA.)	80 KSI (48 DIA.)
#3	12	17	18
#4	15	22	24
#5	19	28	30
#6	23	33	36
#7	27	39	42
#8	30	44	48
#9	34	50	54
#10	38	56	61
#11	43	62	68

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).  
3. FOR BARS OF DIFFERENT SIZE, USE LARGER OF: SPlice LENGTH OF SMALLER BAR (TABLE #3) OR DEVELOPMENT LENGTH OF LARGER BAR (FROM TABLE #4) PER ACI 318 (12.16.2).

NOTE:  
TABLE #3 APPLIES FOR NORMALWEIGHT CONCRETE WITH Fc = 3,000 PSI OR GREATER.









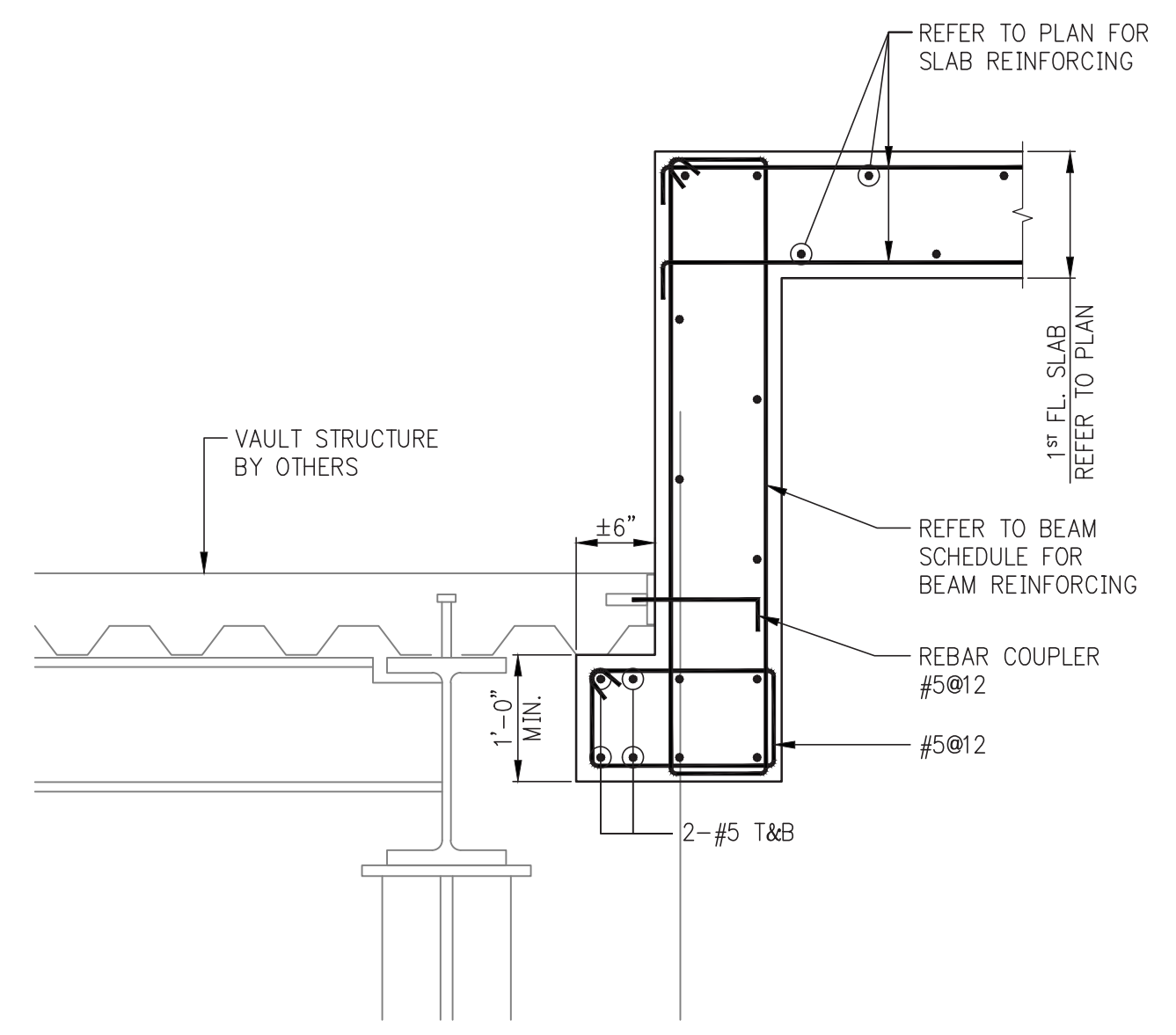












1 SECTION  
S-975 SCALE: 3/4"=1'-0"



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NY 212.475.1300

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JAN HIND FOKORNY ASSOCIATES  
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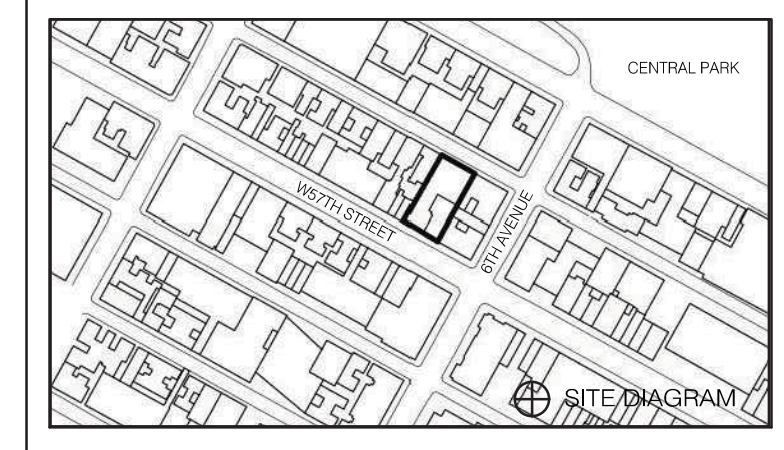
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4.21.14	DOB ISSUE			

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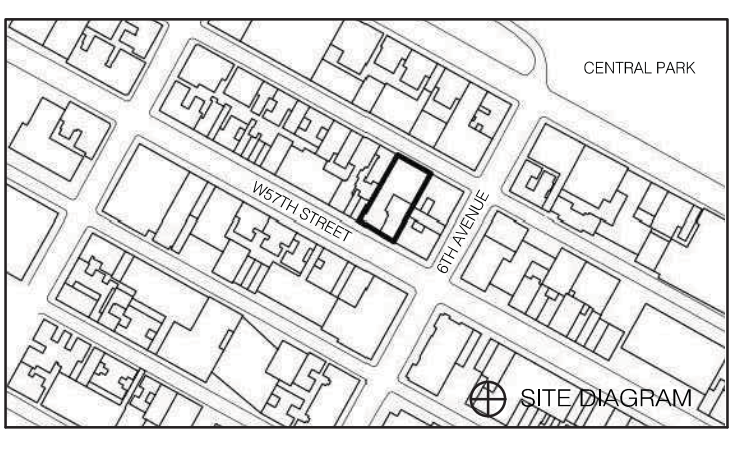
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DATE  
PROJECT NO. 13101403  
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CHECKED BY CL  
DOB NO. 121332968  
DRAWING NUMBER



S-975.00





15.01.14	DDP PLANS SET		
15.01.14	DD ISSUE		
15.02.13	100% SD		
15.08.13	SC/DOCK PLING		

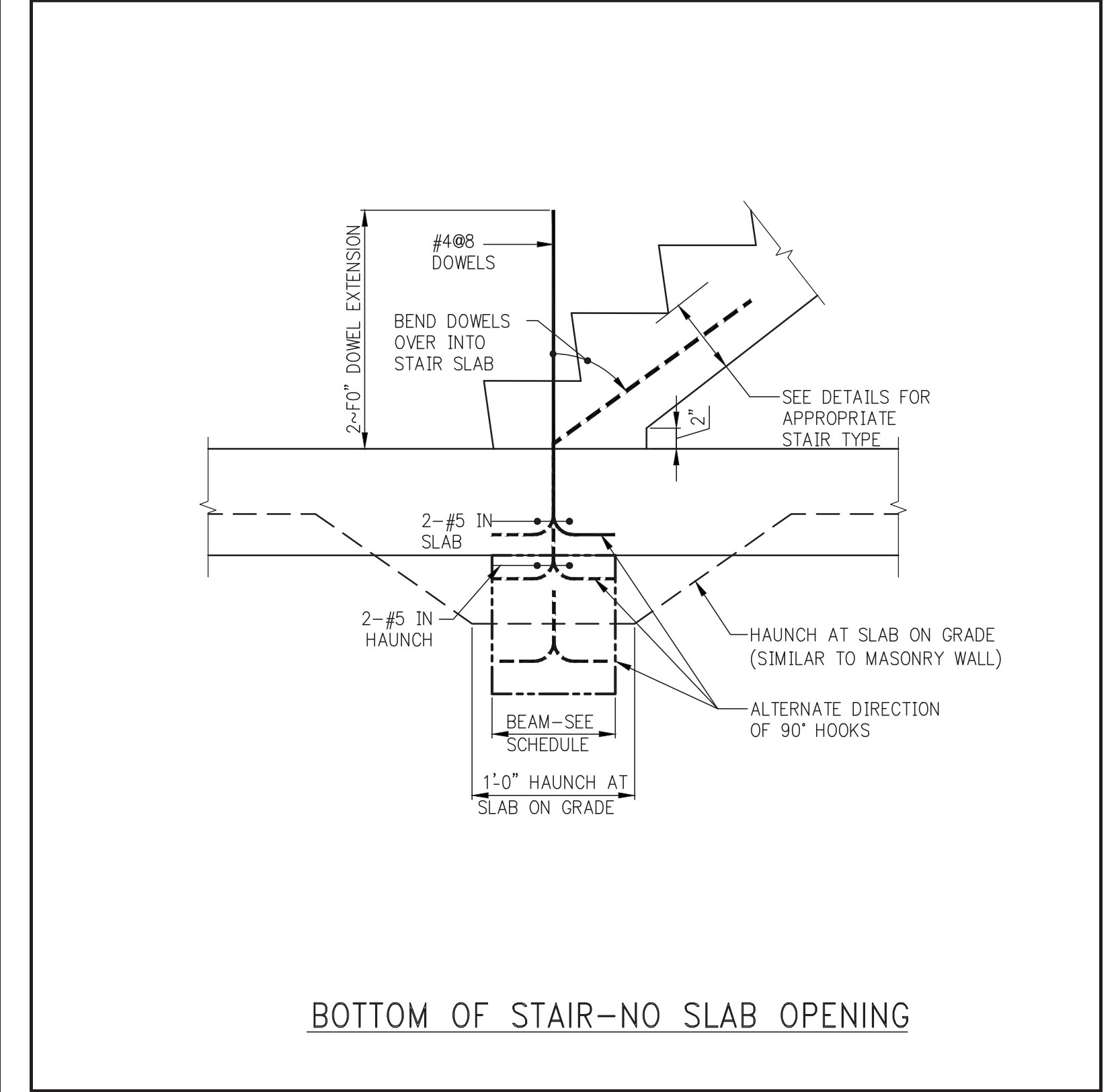
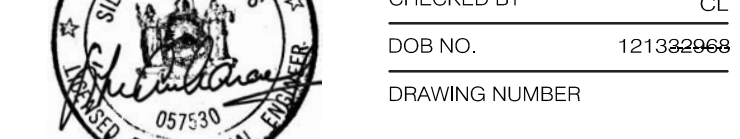
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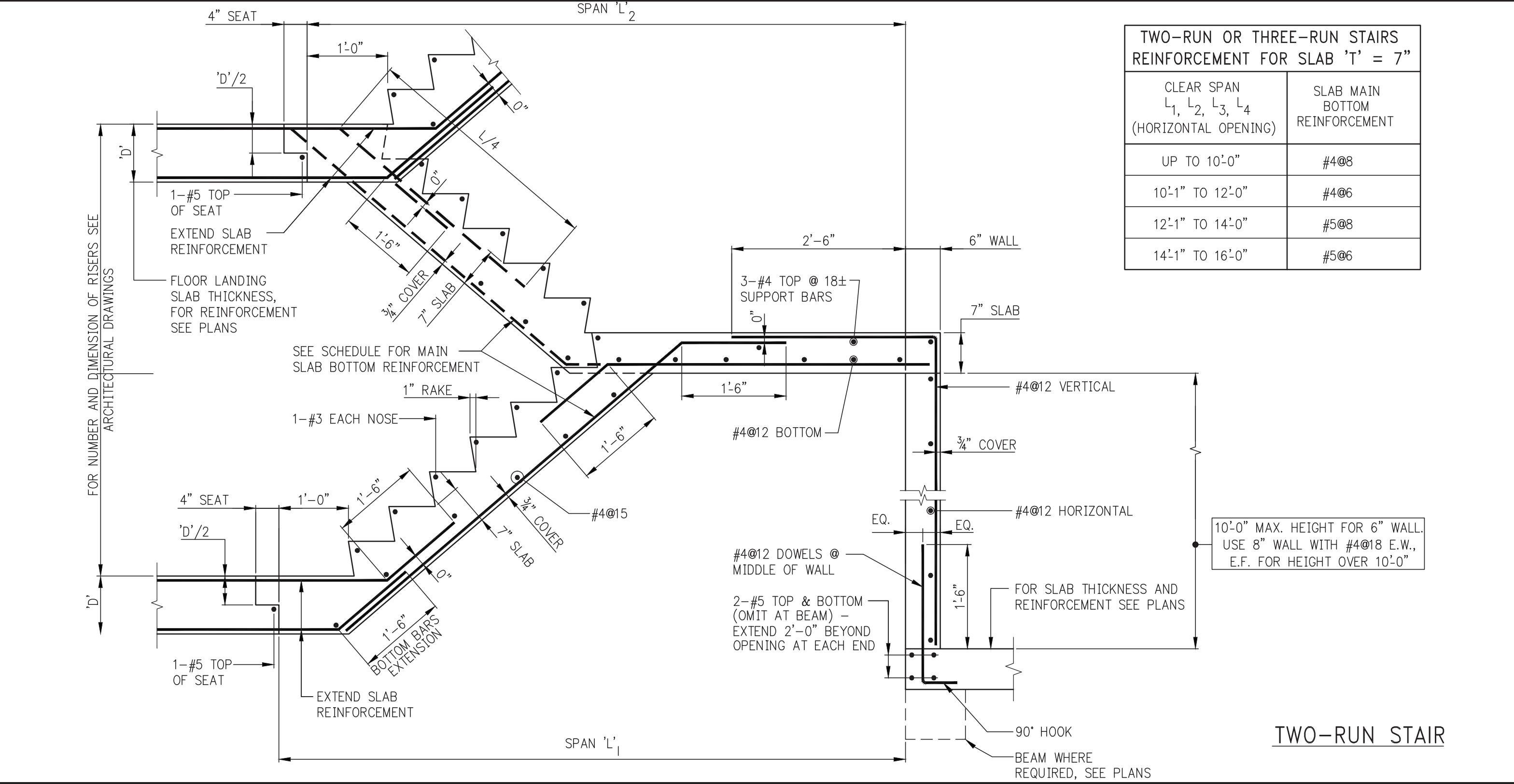
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TYPICAL STAIR DETAILS

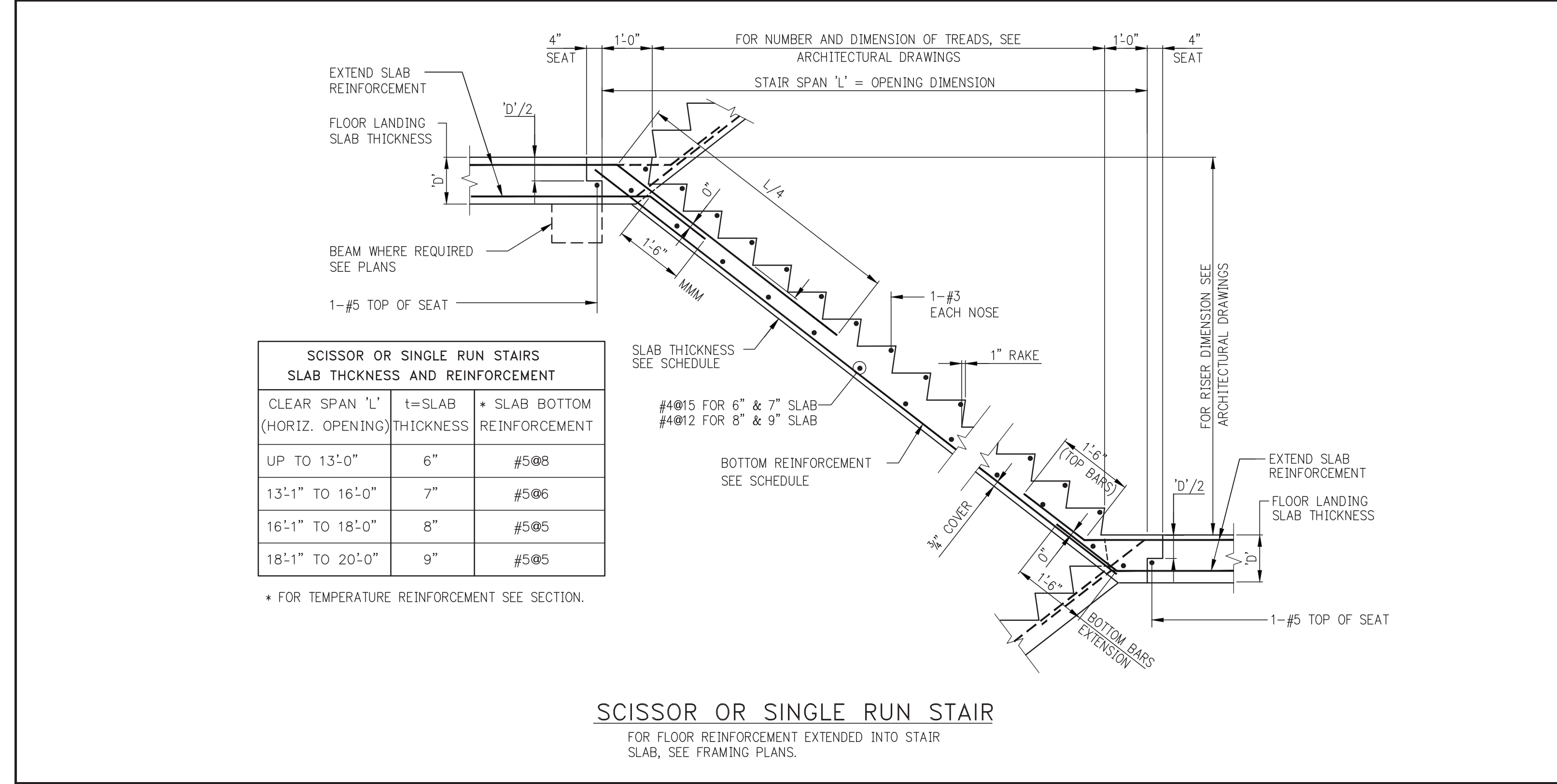
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DRAWING NUMBER	01010



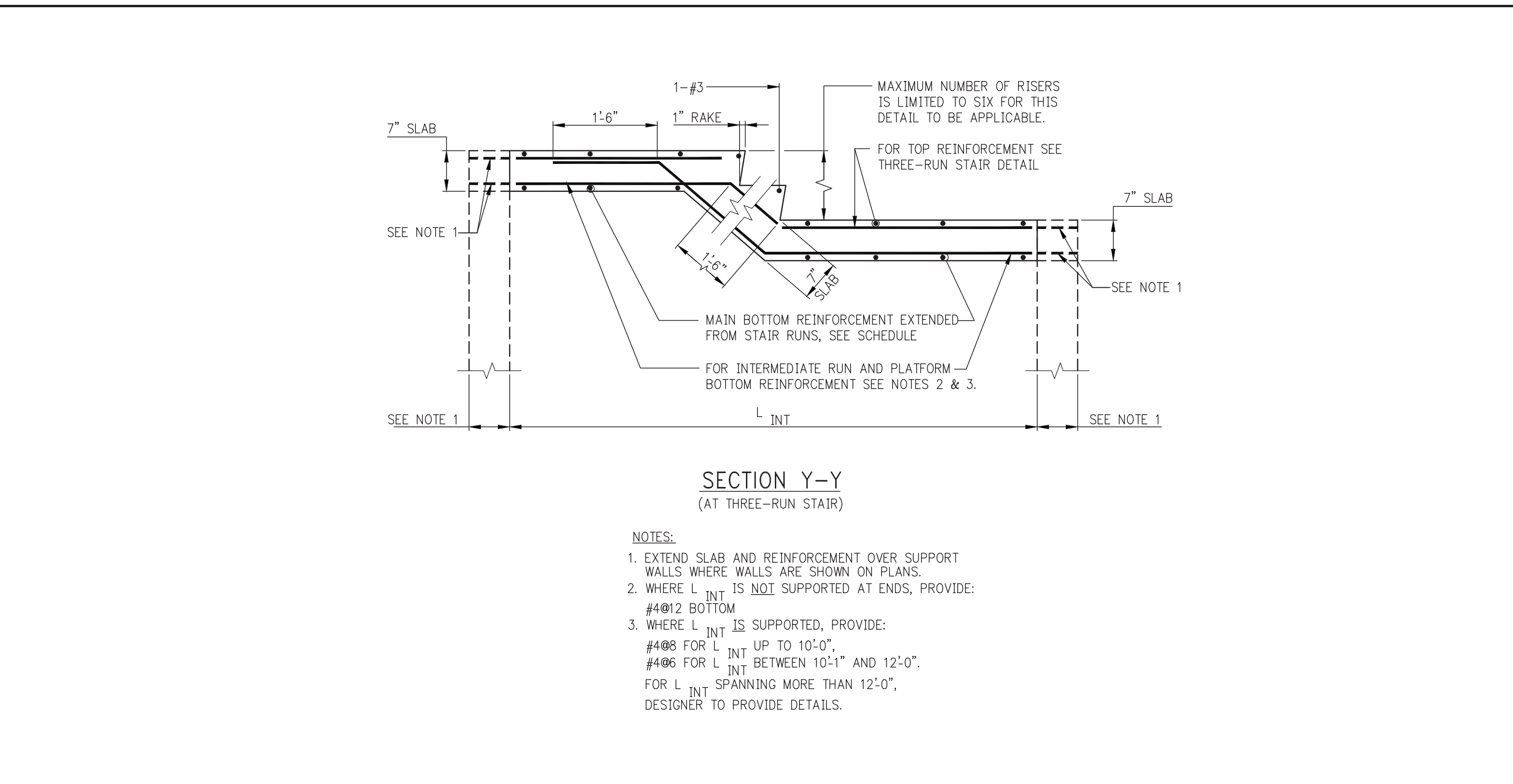
BOTTOM OF STAIR-NO SLAB OPENING



TWO-RUN STAIR

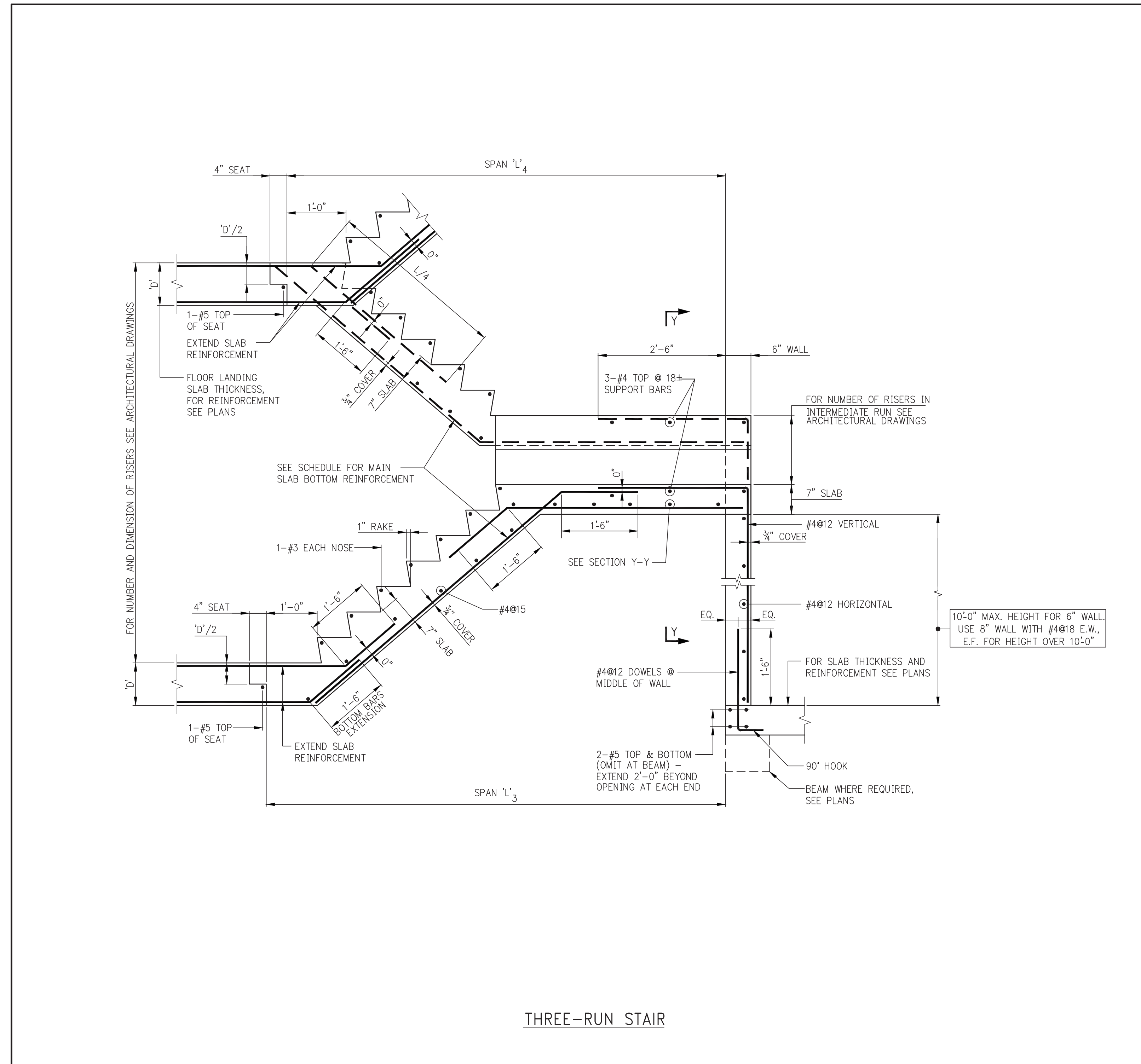


SCISSOR OR SINGLE RUN STAIR  
FOR FLOOR REINFORCEMENT EXTENDED INTO STAIR SLAB, SEE FRAMING PLANS.



SECTION Y-Y  
(AT THREE-RUN STAIR)

- NOTES:
- EXTEND SLAB AND REINFORCEMENT OVER SUPPORT WALLS WHERE WALLS ARE SHOWN ON PLANS.
  - WHERE L INT IS NOT SUPPORTED AT ENDS, PROVIDE: #4012 BOTTOM.
  - WHERE L INT IS SUPPORTED, PROVIDE: #488 FOR L INT UP TO 10'-0", #486 FOR L INT BETWEEN 10'-1" AND 12'-0", FOR L INT SPANNING MORE THAN 12'-0", DESIGNER TO PROVIDE DETAILS.



THREE-RUN STAIR









JDS DEVELOPMENT GROUP  
101 WEST 57TH STREET, 8TH FLOOR  
NEW YORK, NY 10019  
TEL: 212.685.3600

sh p

ARCHITECT  
SH&P ARCHITECTS, P.C.  
233 BROADWAY, 11TH FLOOR  
NEW YORK, NY 10007  
TEL: 212.680.0000

STRUCTURAL ENGINEER  
NEW CONCRETE BULKHEAD  
233 BROADWAY, 11TH FLOOR  
NEW YORK, NY 10007  
TEL: 212.687.9888

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LONGWOOD, FL 32070  
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44 FIFTH AVE, SUITE 1710 FLOOR  
NEW YORK, NY 10003  
TEL: 646.288.0000

ACUSTICS  
LONGMAN LINDESEY  
47 WEST 57TH STREET, 8TH FLOOR  
NEW YORK, NY 10019  
TEL: 917.250.3300

INTERIORS  
STUDIO SCORFIELD  
300 WALKER STREET, 10TH FLOOR EAST  
NEW YORK, NY 10003  
TEL: 212.673.1300

RESTORATION  
JAN HIRSH POKORNY ASSOCIATES  
30 WEST 57TH STREET, 8TH FLOOR, 10A  
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TEL: 212.252.6485

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100 WEST 57TH STREET, 8TH FLOOR  
NEW YORK, NY 10019  
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NEW YORK, NY 10003  
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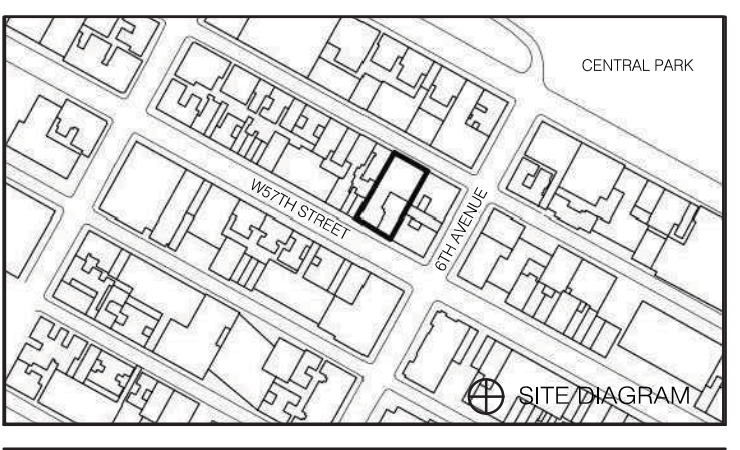


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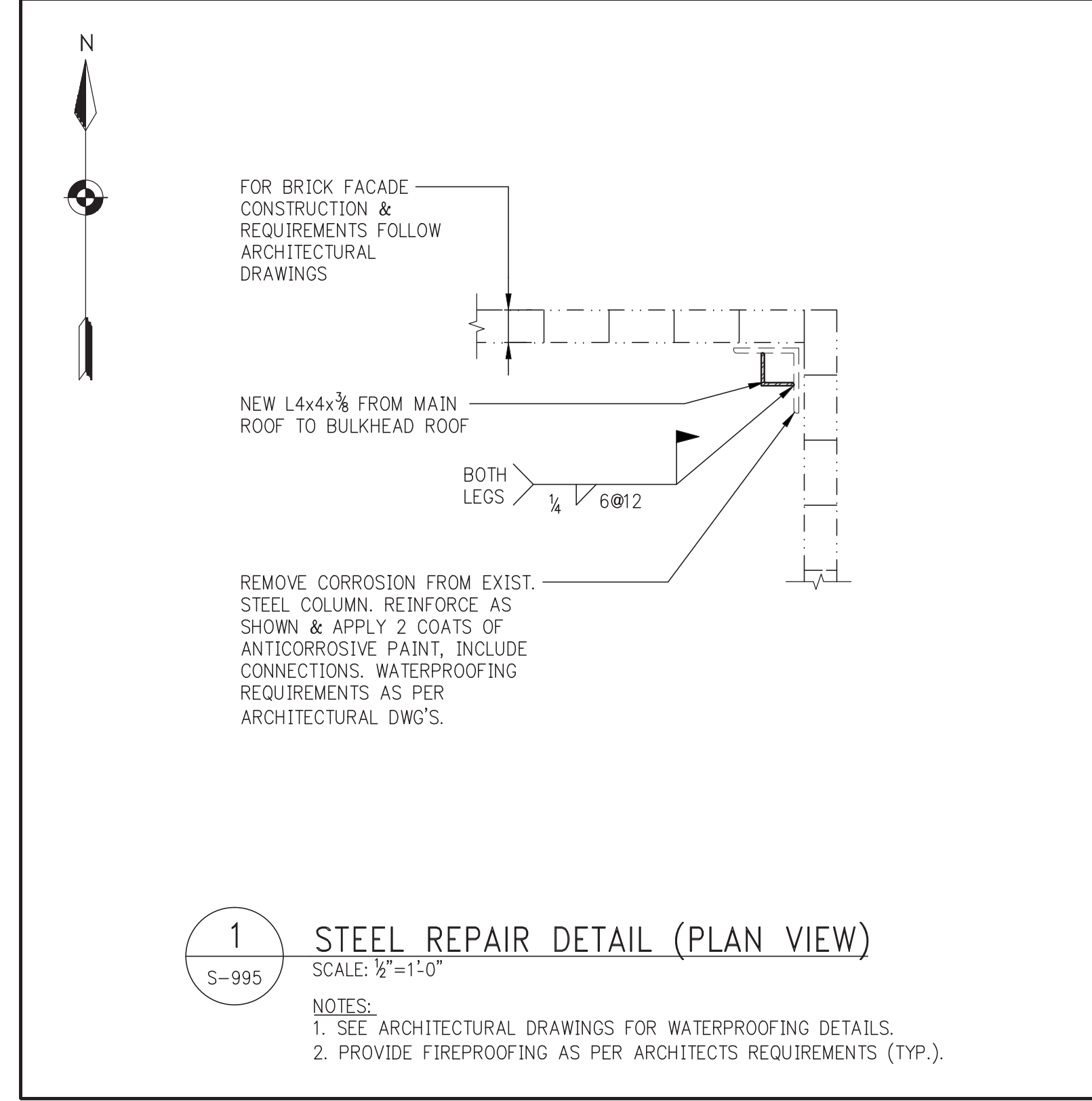
STEEL REPAIR DETAILS AND SECTIONS

SEAL & SIGNATURE DATE PROJECT NO. 1310140

DRAWN BY: CADDD CHECKED BY: CL

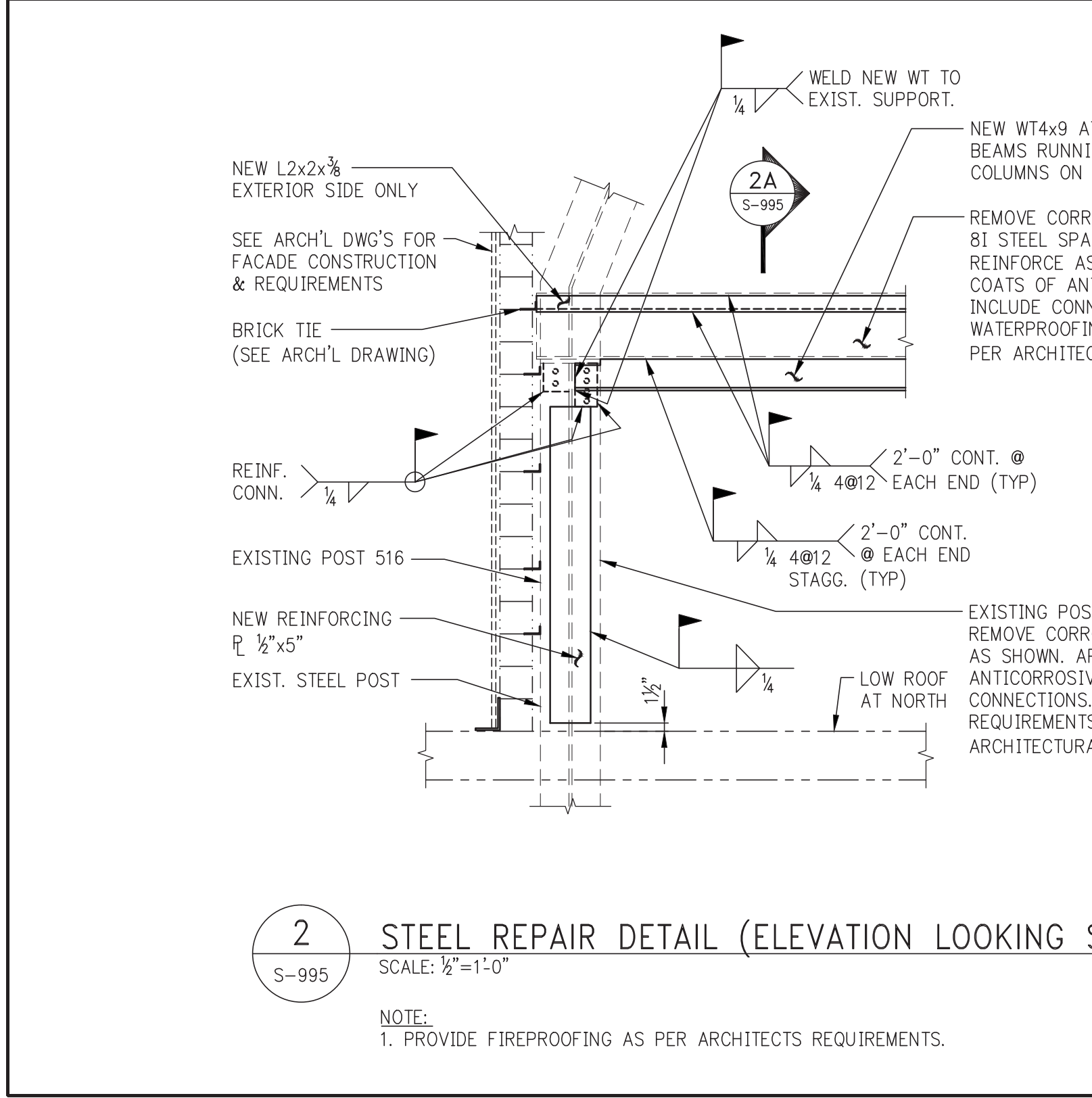
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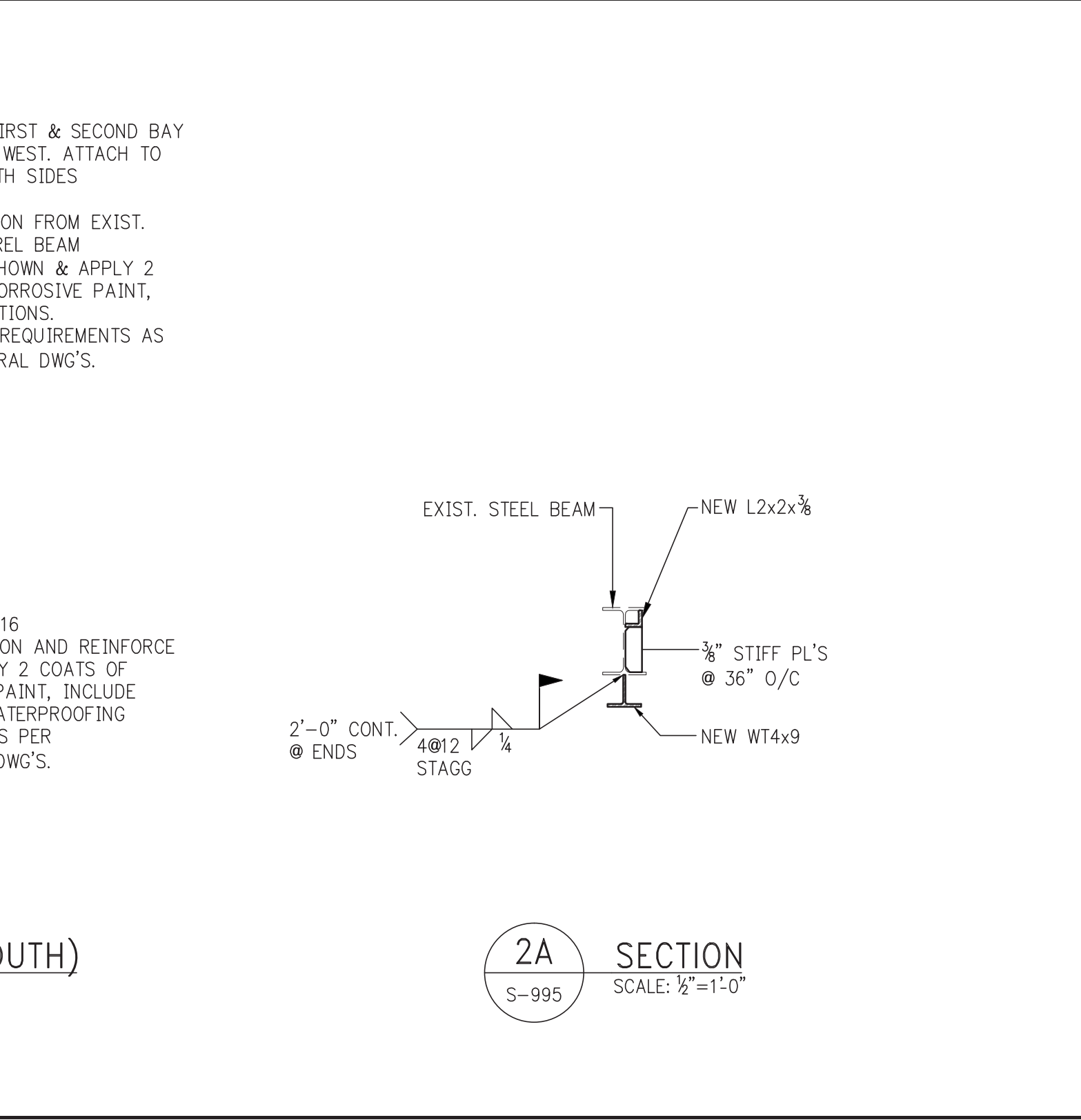
1 STEEL REPAIR DETAIL (PLAN VIEW)  
SCALE: 1/2"=1'-0"

NOTES:  
1. SEE ARCHITECTURAL DRAWINGS FOR WATERPROOFING DETAILS.  
2. PROVIDE FIREPROOFING AS PER ARCHITECTS REQUIREMENTS (TYP.).

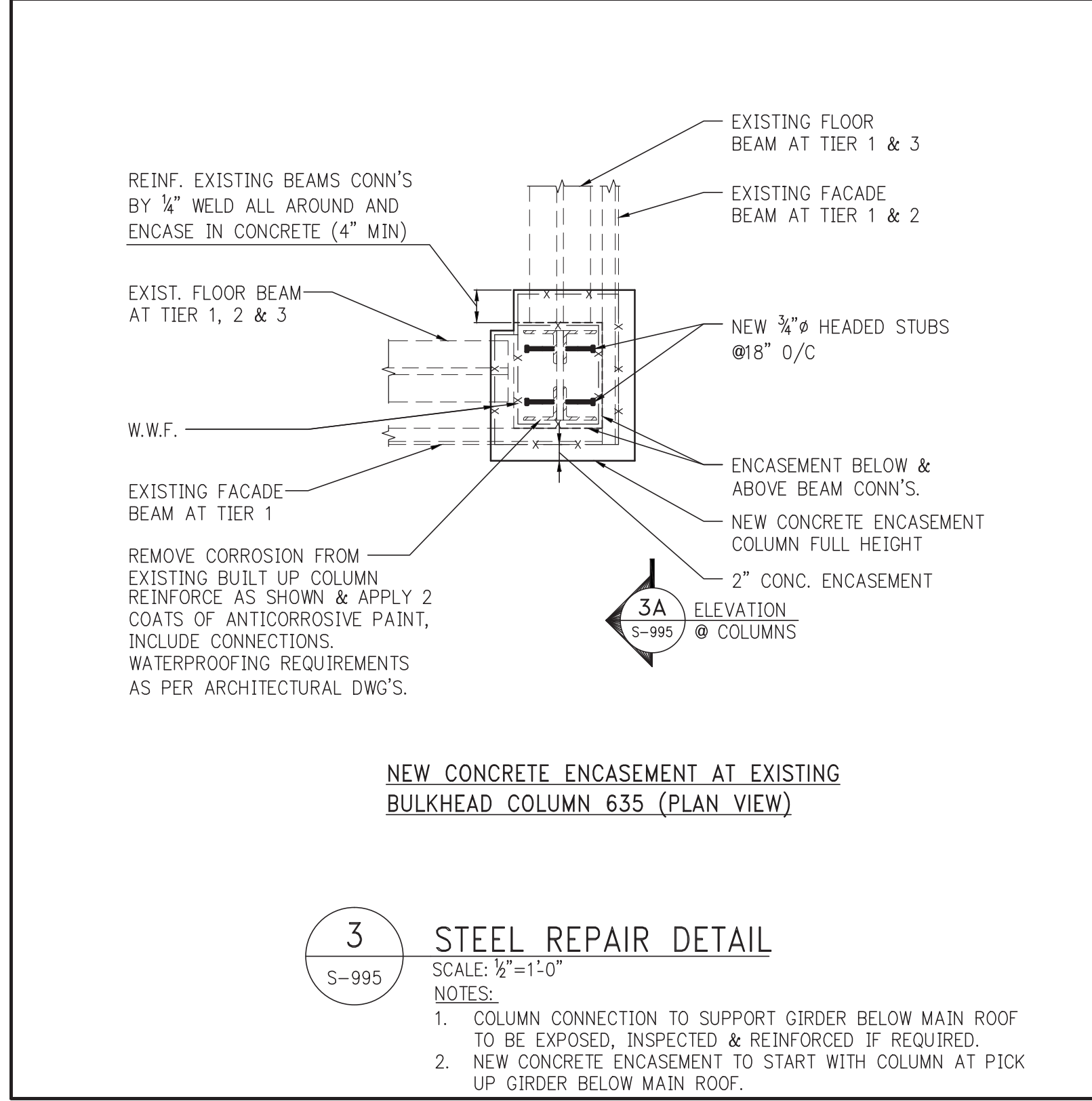


2 STEEL REPAIR DETAIL (ELEVATION LOOKING SOUTH)  
SCALE: 1/2"=1'-0"

NOTE:  
1. PROVIDE FIREPROOFING AS PER ARCHITECTS REQUIREMENTS.

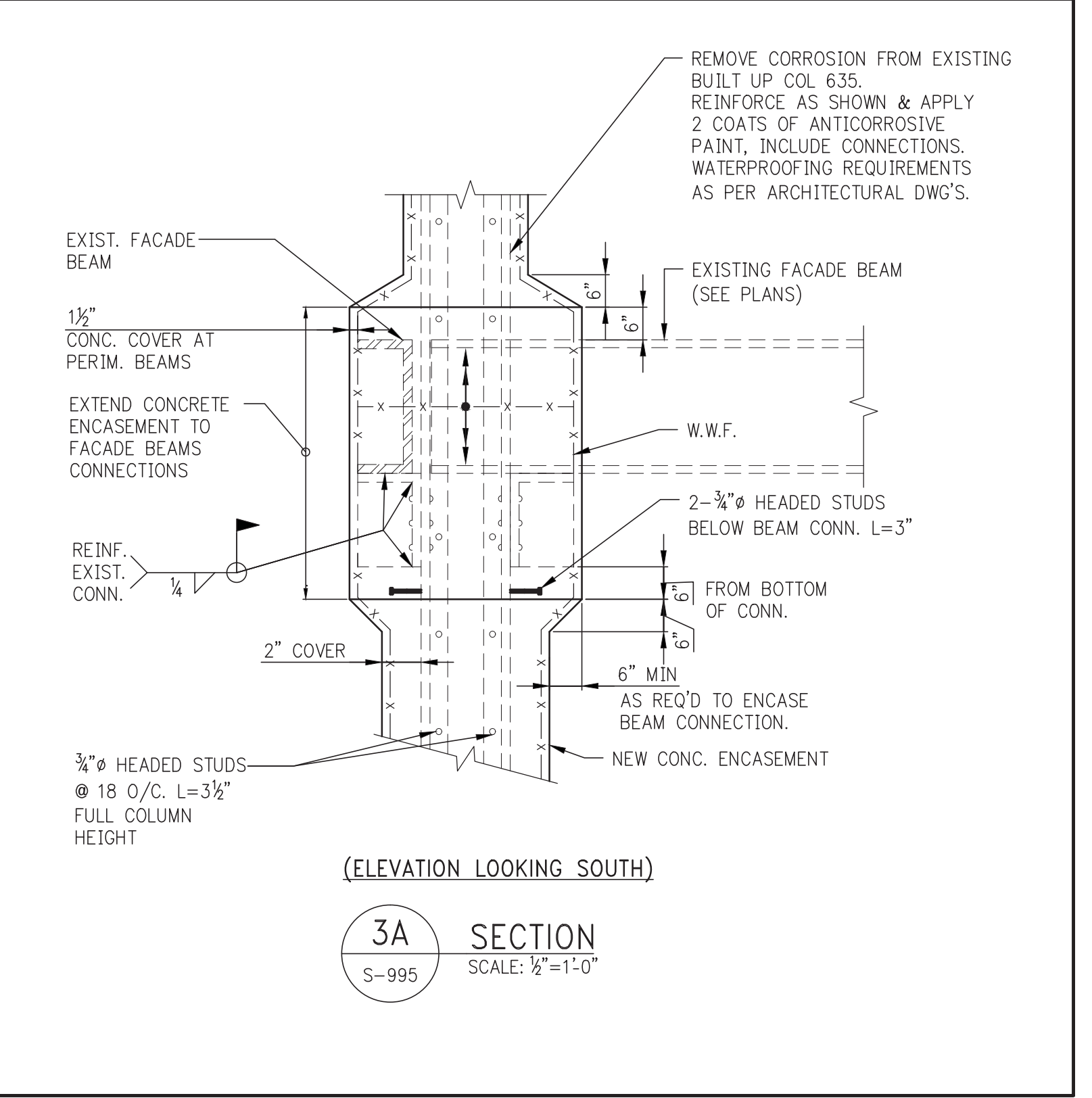


2A SECTION  
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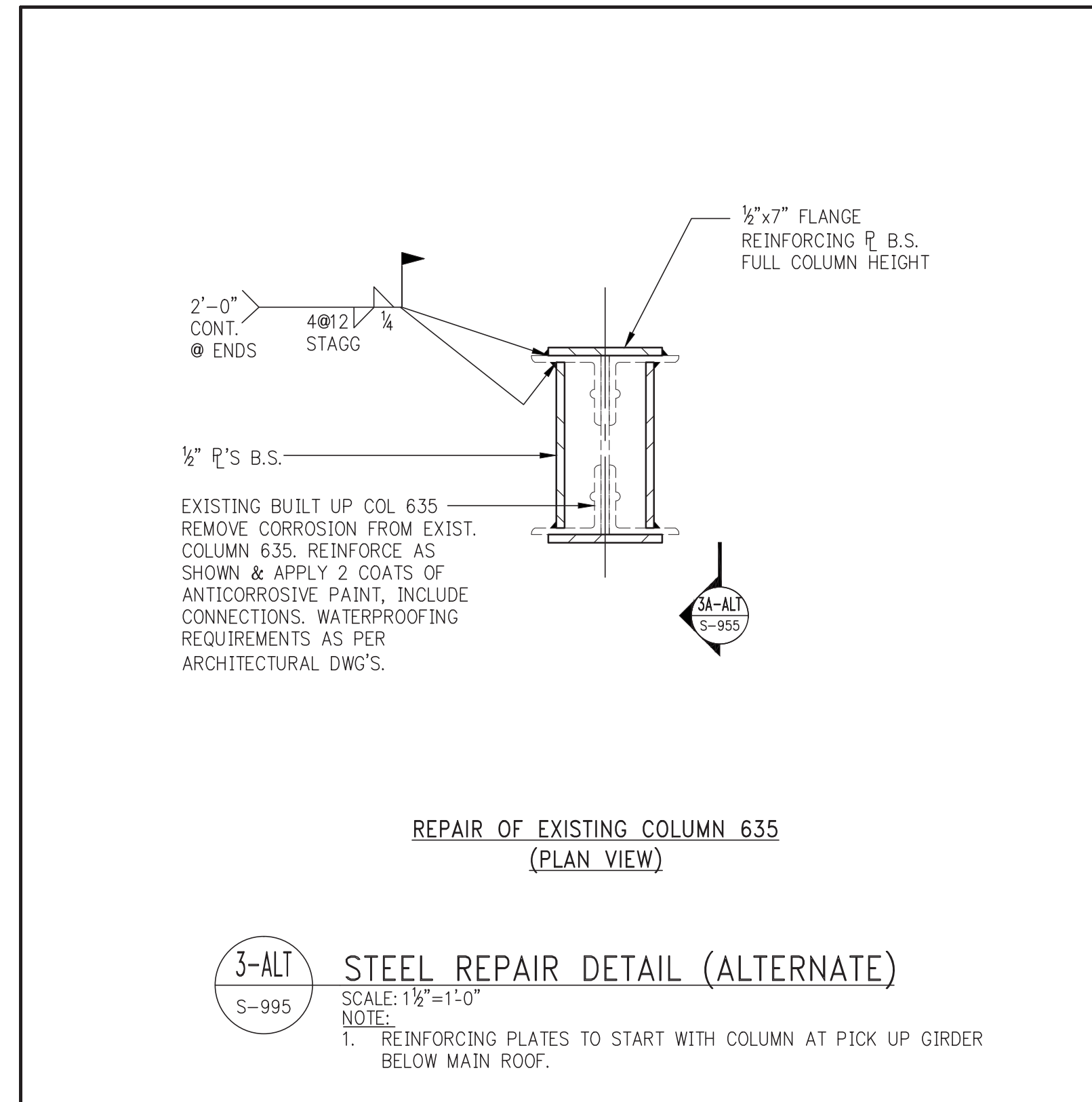


3 STEEL REPAIR DETAIL  
SCALE: 1/2"=1'-0"

NOTES:  
1. COLUMN CONNECTION TO SUPPORT GIRDER BELOW MAIN ROOF TO BE EXPOSED, INSPECTED & REINFORCED IF REQUIRED.  
2. NEW CONCRETE ENCASMENT TO START WITH COLUMN AT PICK UP GIRDER BELOW MAIN ROOF.

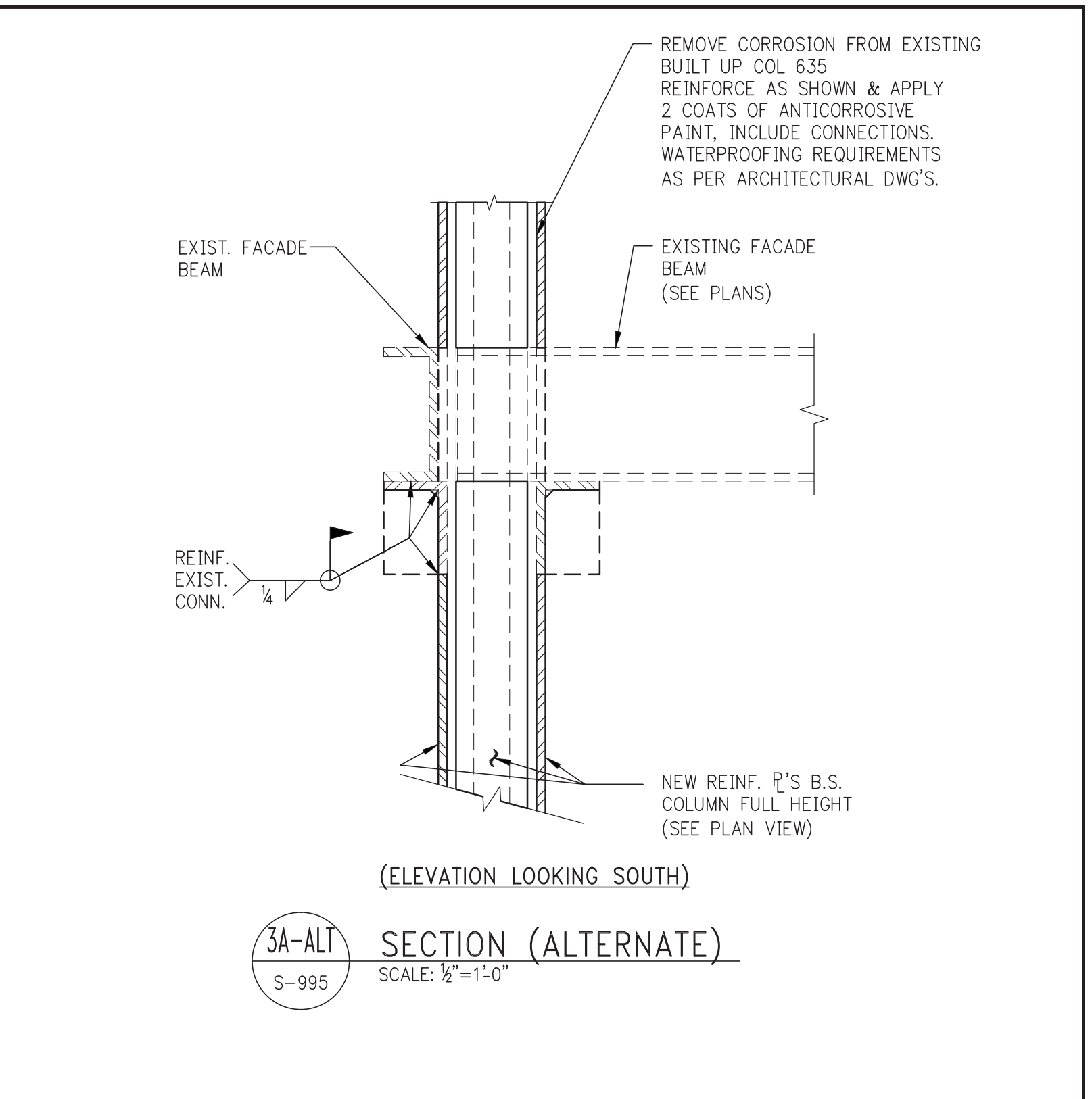


3A SECTION  
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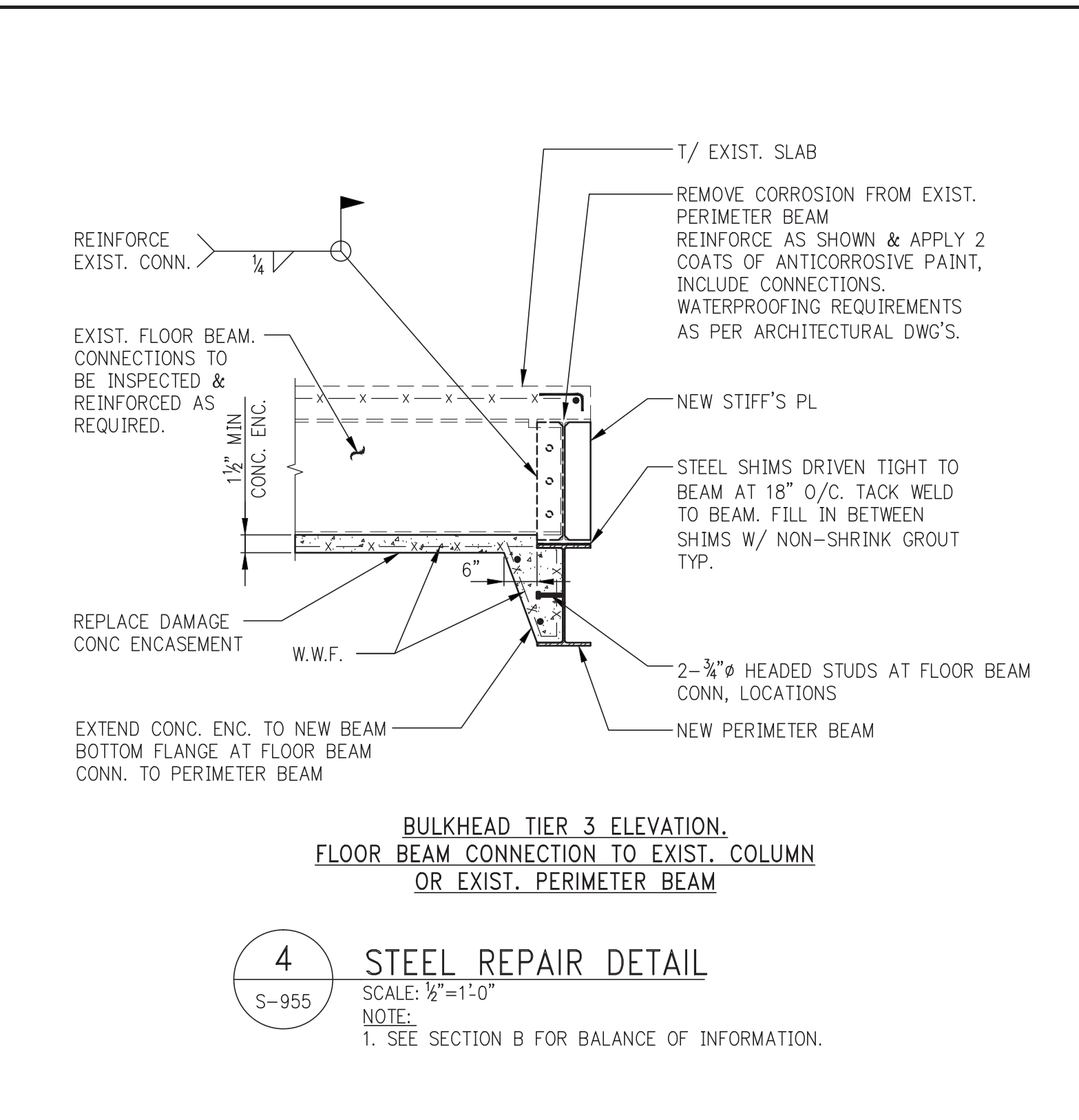


3-ALT STEEL REPAIR DETAIL (ALTERNATE)  
SCALE: 1/2"=1'-0"

NOTE:  
1. REINFORCING PLATES TO START WITH COLUMN AT PICK UP GIRDER BELOW MAIN ROOF.

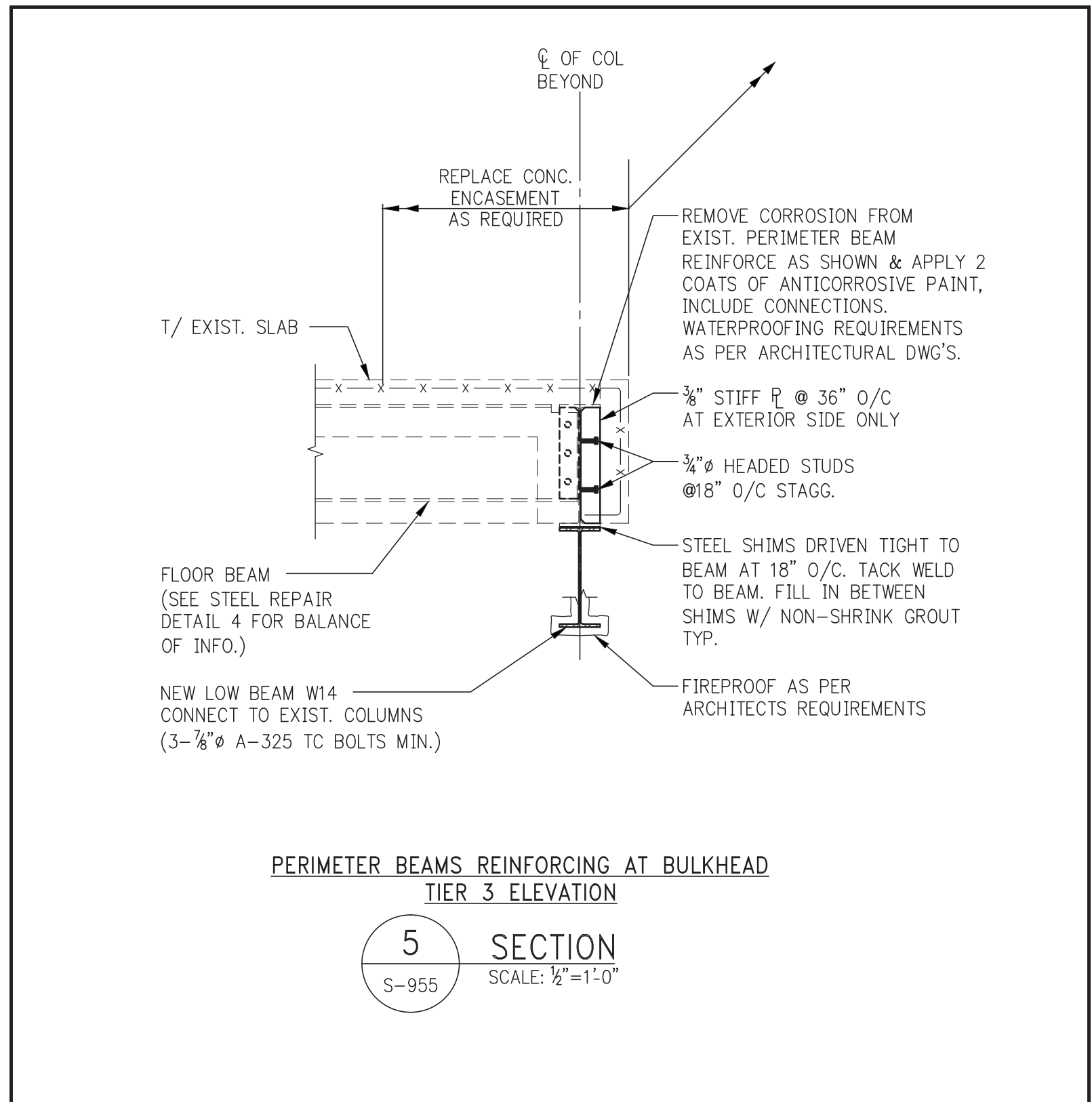


3A-ALT SECTION (ALTERNATE)  
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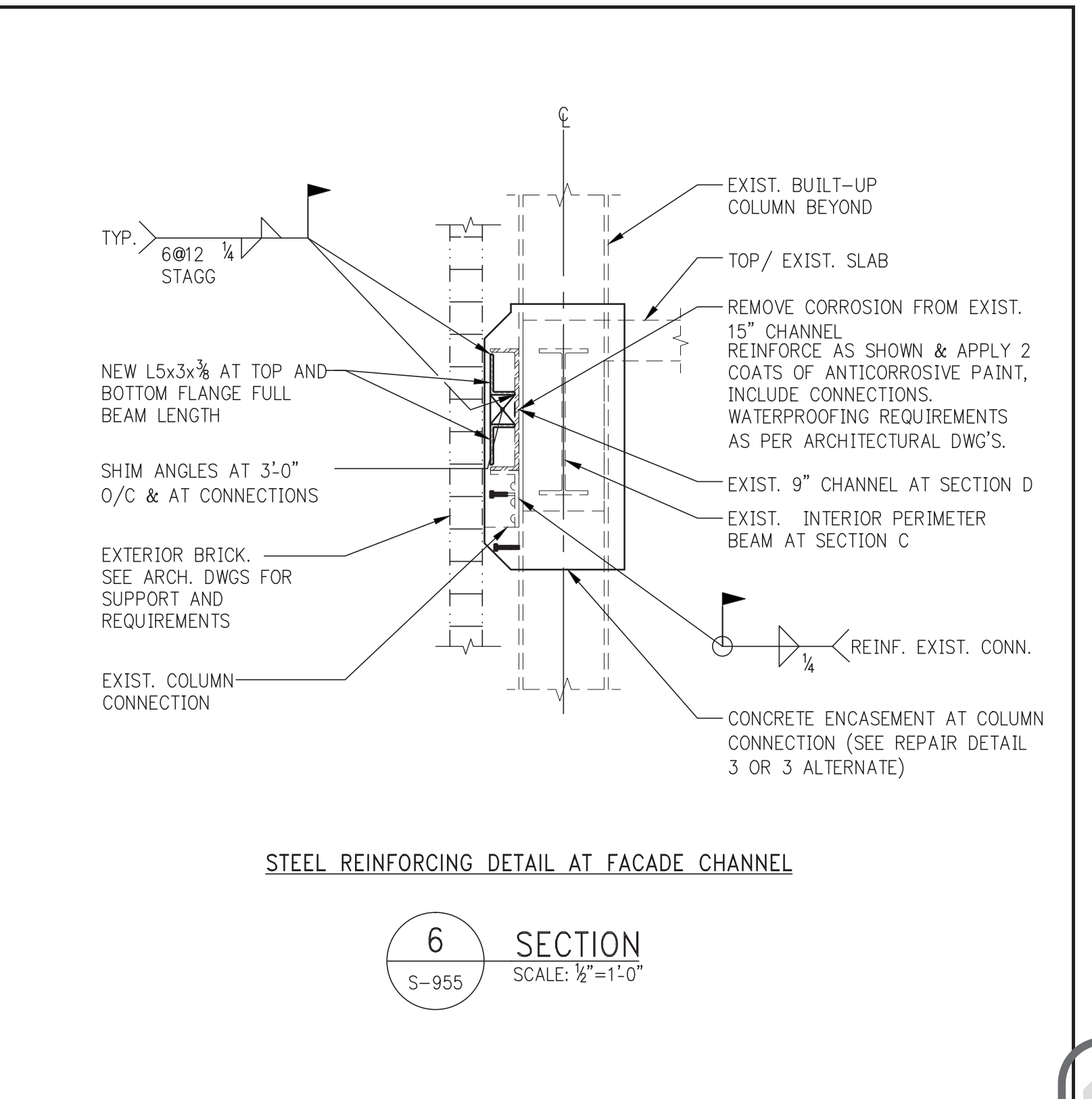


4 STEEL REPAIR DETAIL  
SCALE: 1/2"=1'-0"

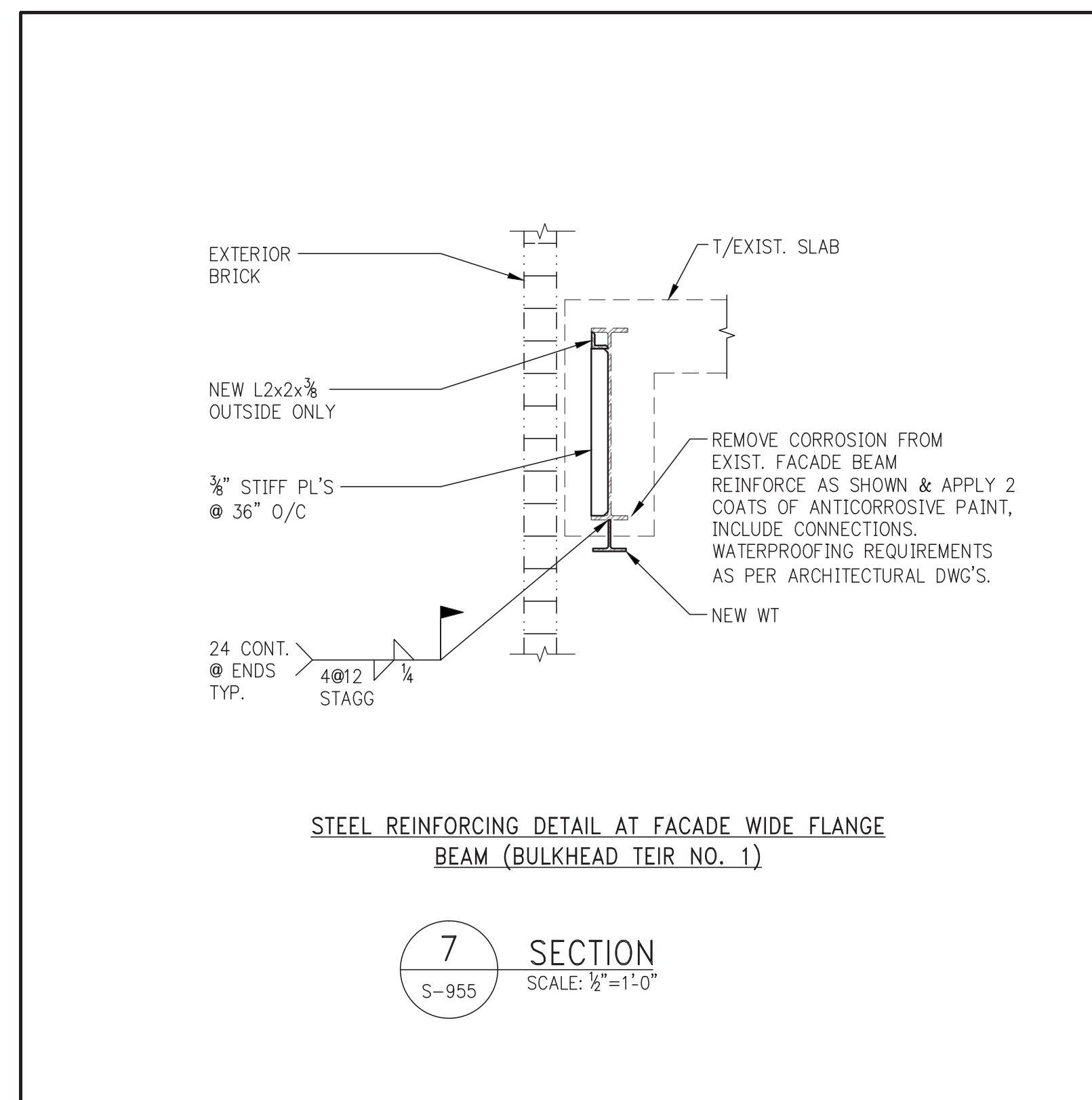
NOTE:  
1. SEE SECTION B FOR BALANCE OF INFORMATION.



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



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



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

