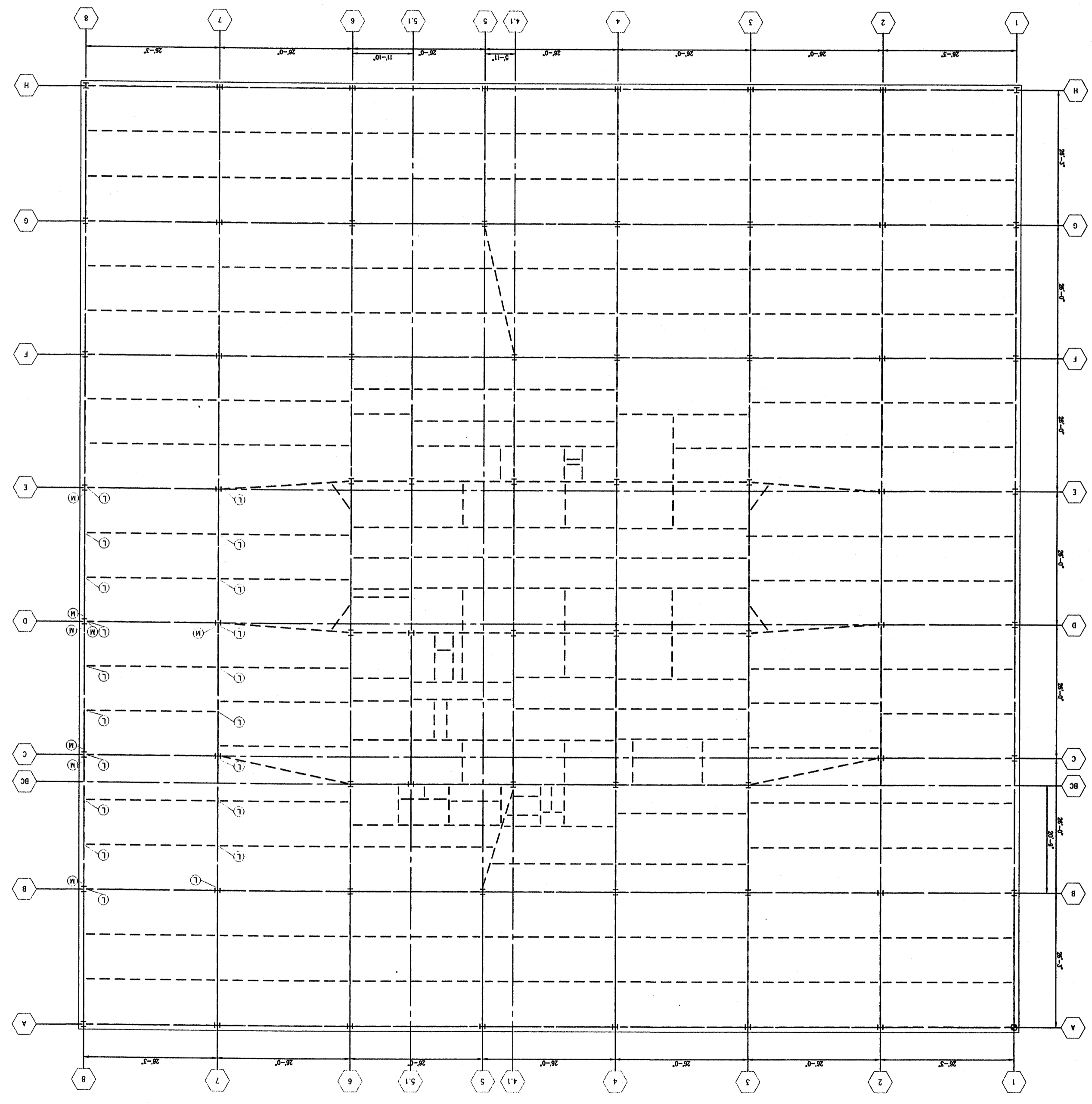


ARCHITECT: 1100 WEST 17TH STREET, NEW YORK, NY 10011  
DATE: 11/11/11



NOTE:  
1 FOR NOTES AND LEGEND SEE DRAWING SC-1

PROJECT: 130 LIBERTY STREET  
NEW YORK, NEW YORK

SHEET TITLE:  
28th FLOOR MOMENT CONNECTION  
AND LEVEL SURVEY DRAWING

DATE: \_\_\_\_\_  
SCALE: \_\_\_\_\_  
CHECKED BY: \_\_\_\_\_  
JOB NUMBER: \_\_\_\_\_  
DWG NUMBER: \_\_\_\_\_  
SC-28

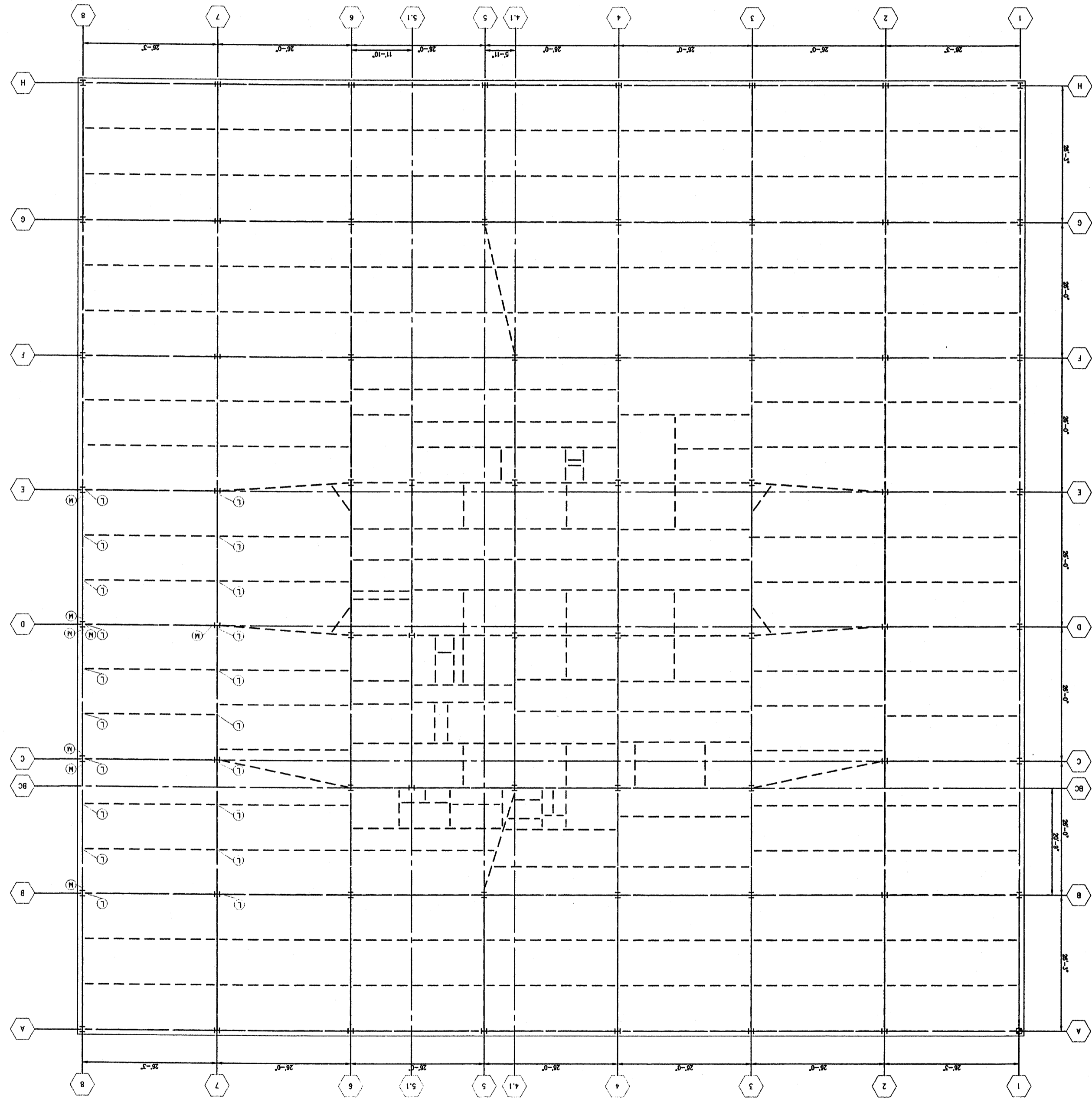
WSP GROUP COMPANY  
CONSULTING ENGINEERS  
228 EAST 42nd STREET  
NEW YORK, NEW YORK 10017

WSP GROUP COMPANY  
CONSULTING ENGINEERS  
228 EAST 42nd STREET  
NEW YORK, NEW YORK 10017

DATE \_\_\_\_\_  
 SCALE \_\_\_\_\_  
 DRAWN BY \_\_\_\_\_  
 JOB NUMBER \_\_\_\_\_

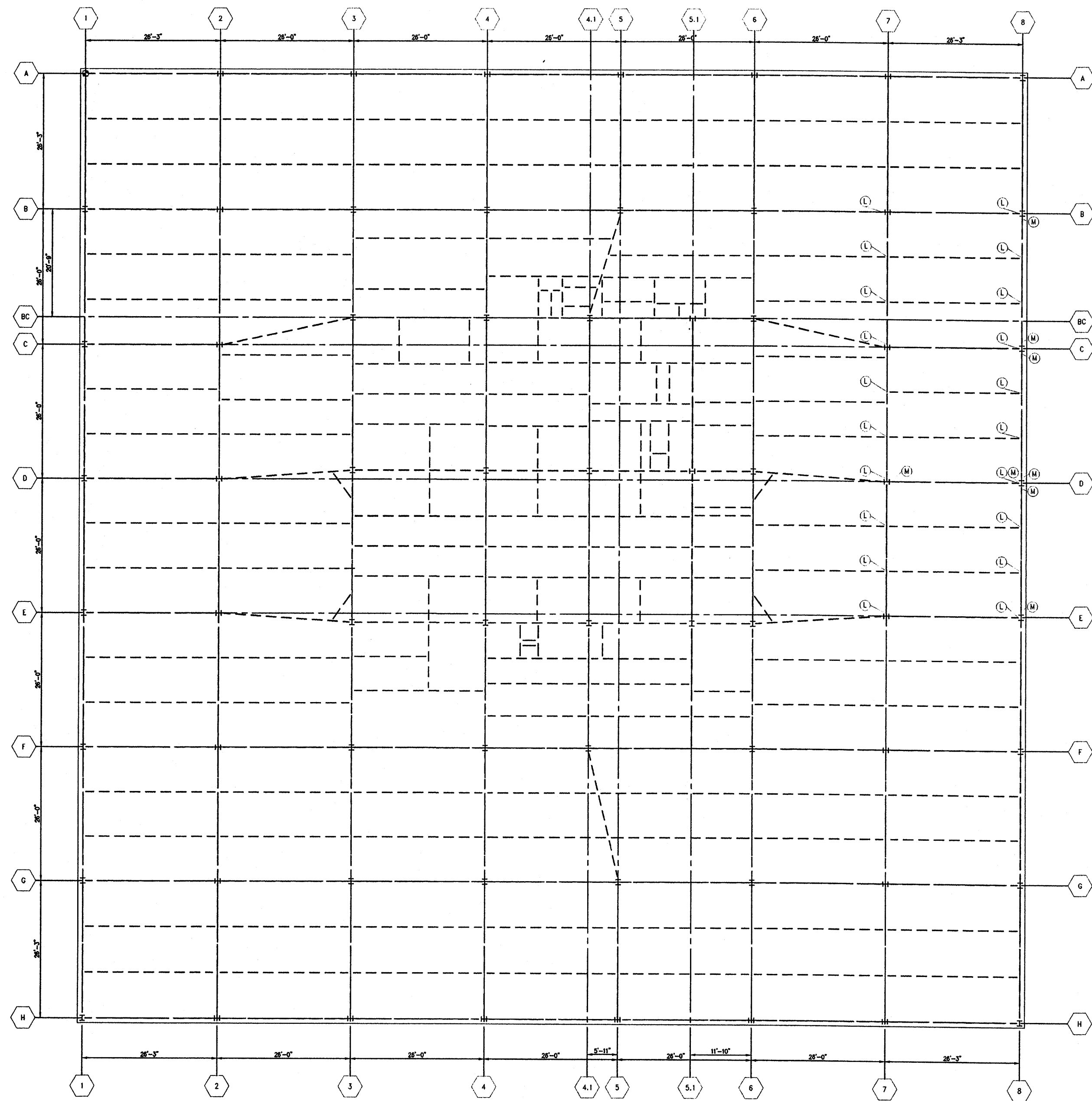
SHEET THREE  
 27<sup>TH</sup> FLOOR MOMENT CONNECTION  
 AND LEVEL SURVEY DRAWING  
 NEW YORK, NEW YORK

PROJECT  
 130 LIBERTY STREET



NOTE:  
 1. FOR BEAMS AND LEVELS SEE DRAWING SC-1

ANSYS 11.0 (64-bit) (11/11/11) ANSYS Mechanical APDL (11/11/11) ANSYS Parametric Engineering Language (11/11/11) ANSYS Workbench (11/11/11)

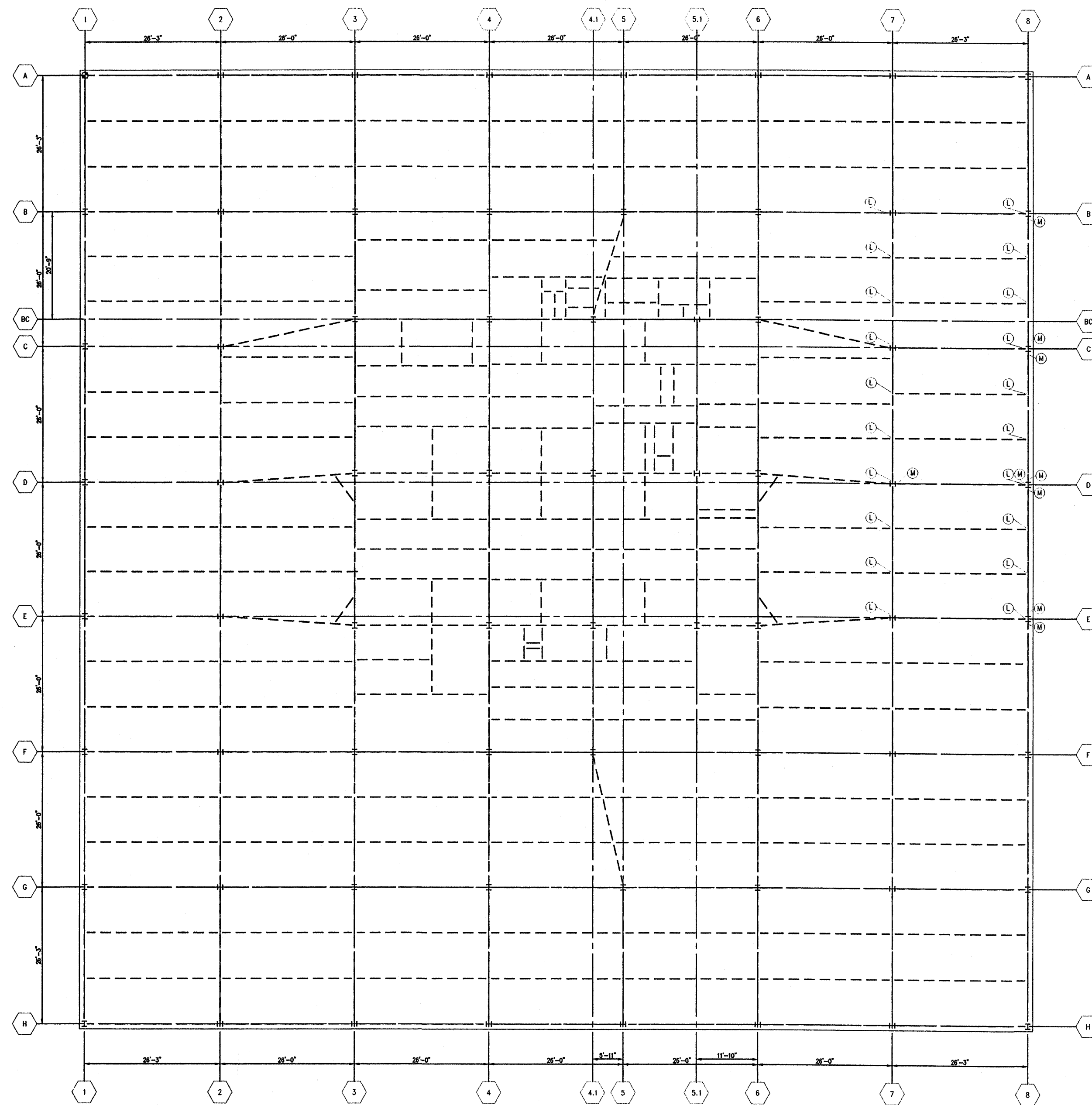


WSP GROUP, INC. 1100 PROJECT STREET, SUITE 1000, NEW YORK, NY 10017

NOTE:  
1. FOR NOTES AND LEGEND SEE DRAWING SC-4




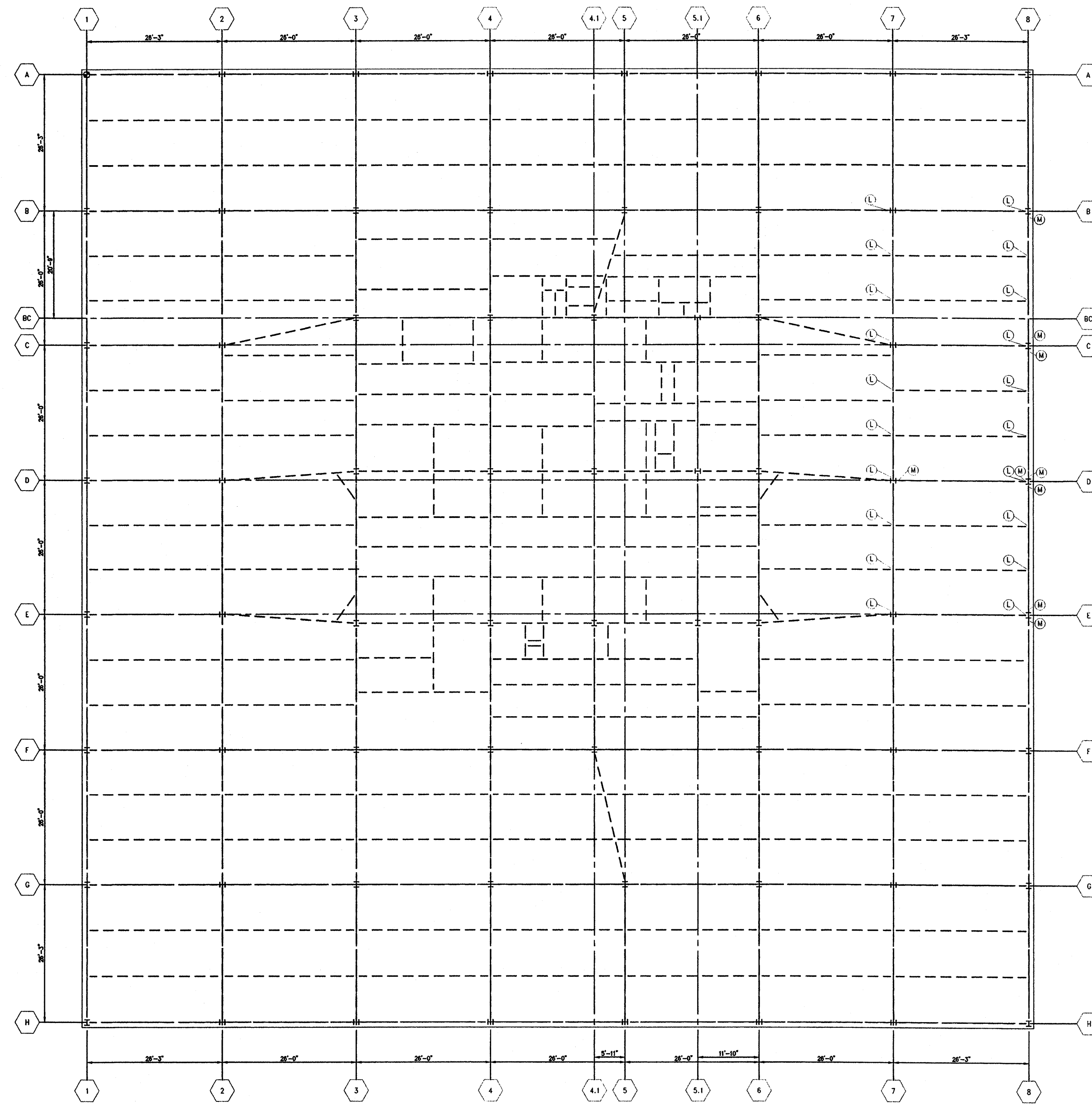
PROJECT	130 LIBERTY STREET NEW YORK, NEW YORK		
SHEET TITLE	26 <sup>TH</sup> FLOOR MOMENT CONNECTION AND LEVEL SURVEY DRAWING		
DRAWN BY	CAD	JOB NUMBER	
CHECKED BY			
SCALE		DWG NUMBER	
DATE			SC-26



NOTE:  
1. FOR NOTES AND LEGEND SEE DRAWING SC-4

AutoCAD File: Y:\000Project\130Liberty\Drawings\25thFloor\25thFloor.dwg Plot Date: 15.04.2012 10:42:11 AM

 <b>WSP GROUP</b>		GANTON BERKAP GROUP, INC. CONSULTING ENGINEERS 228 East 42nd Street NEW YORK, NEW YORK 10017
PROJECT <b>130 LIBERTY STREET</b> NEW YORK, NEW YORK		
SHEET TITLE <b>25<sup>TH</sup> FLOOR MOMENT CONNECTION          AND LEVEL SURVEY DRAWING</b>		
DRAWN BY _____	CAD _____	JOB NUMBER _____
CHECKED BY _____		
SCALE _____	DWG NUMBER _____	
DATE _____	SC-25	

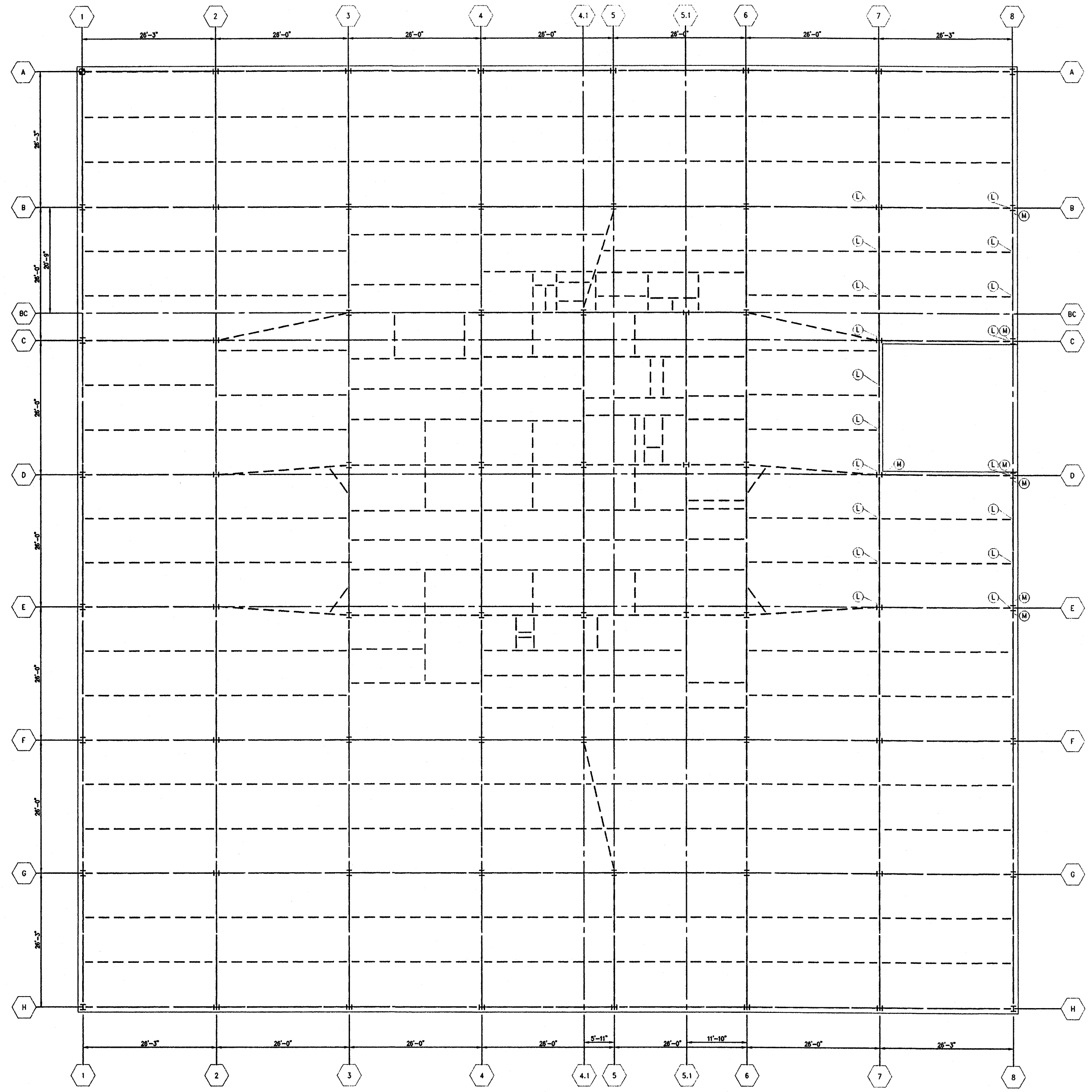


NOTE:  
1. FOR NOTES AND LEGEND SEE DRAWING SC-1

Annotate File: I:\DWG\Projects\130 Liberty Street\130 Liberty Street.dwg Plotted at: Wed Jan 04 11:51:48 AM '06




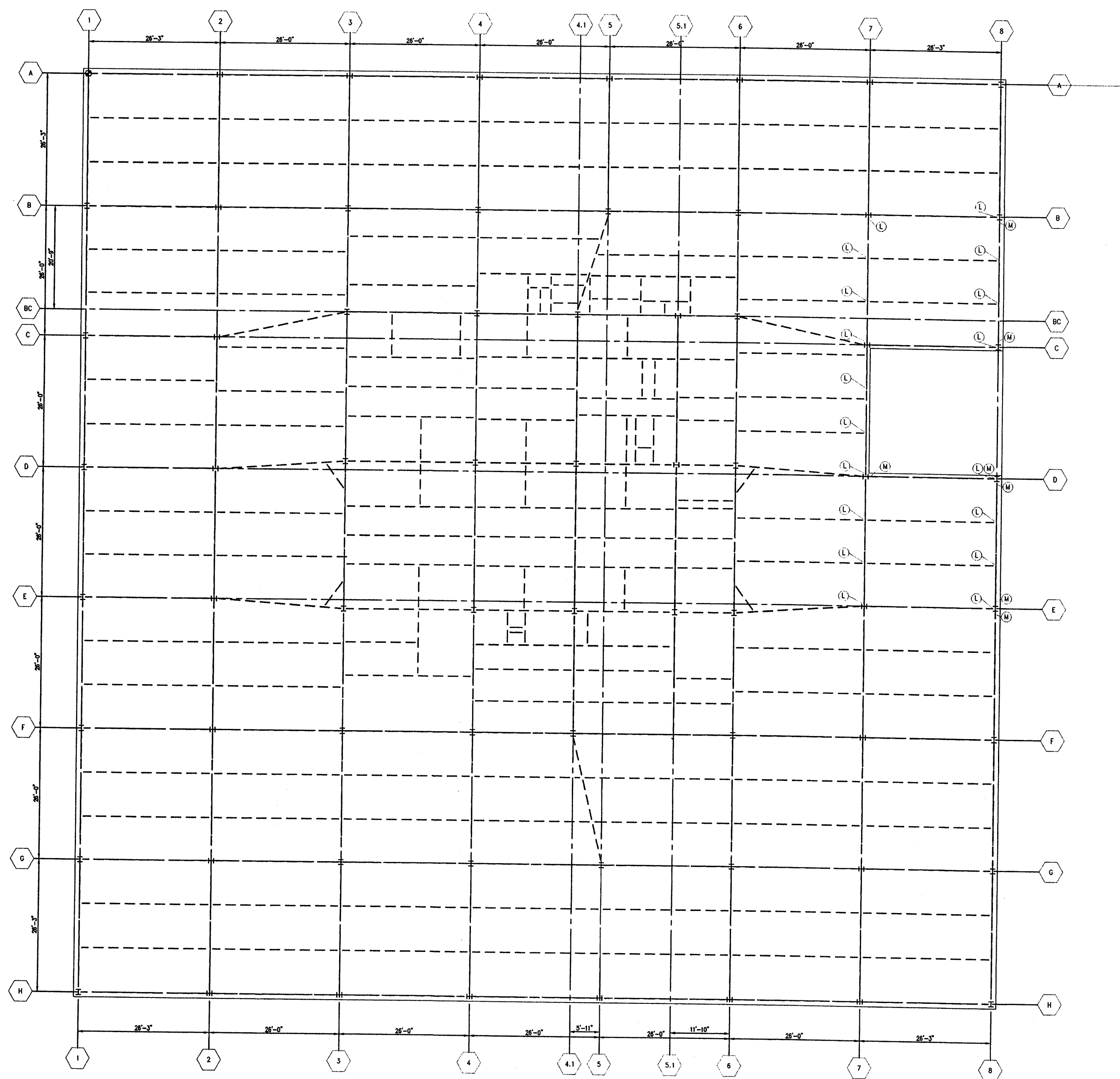
PROJECT		130 LIBERTY STREET NEW YORK, NEW YORK	
SHEET TITLE			
24 <sup>TH</sup> FLOOR MOMENT CONNECTION AND LEVEL SURVEY DRAWING			
DRAWN BY	CAD	JOB NUMBER	
CHECKED BY			
SCALE		DWG NUMBER	
DATE			SC-24



NOTE:  
 1 FOR NOTES AND LEGEND SEE DRAWING SC-4


AutoCAD File: Y:\000\Projects\130 Liberty Street\23rd Floor Moment Connection\23rd Floor Moment Connection.dwg Plotted at: Wed Jun 08 10:44:01 AM '09

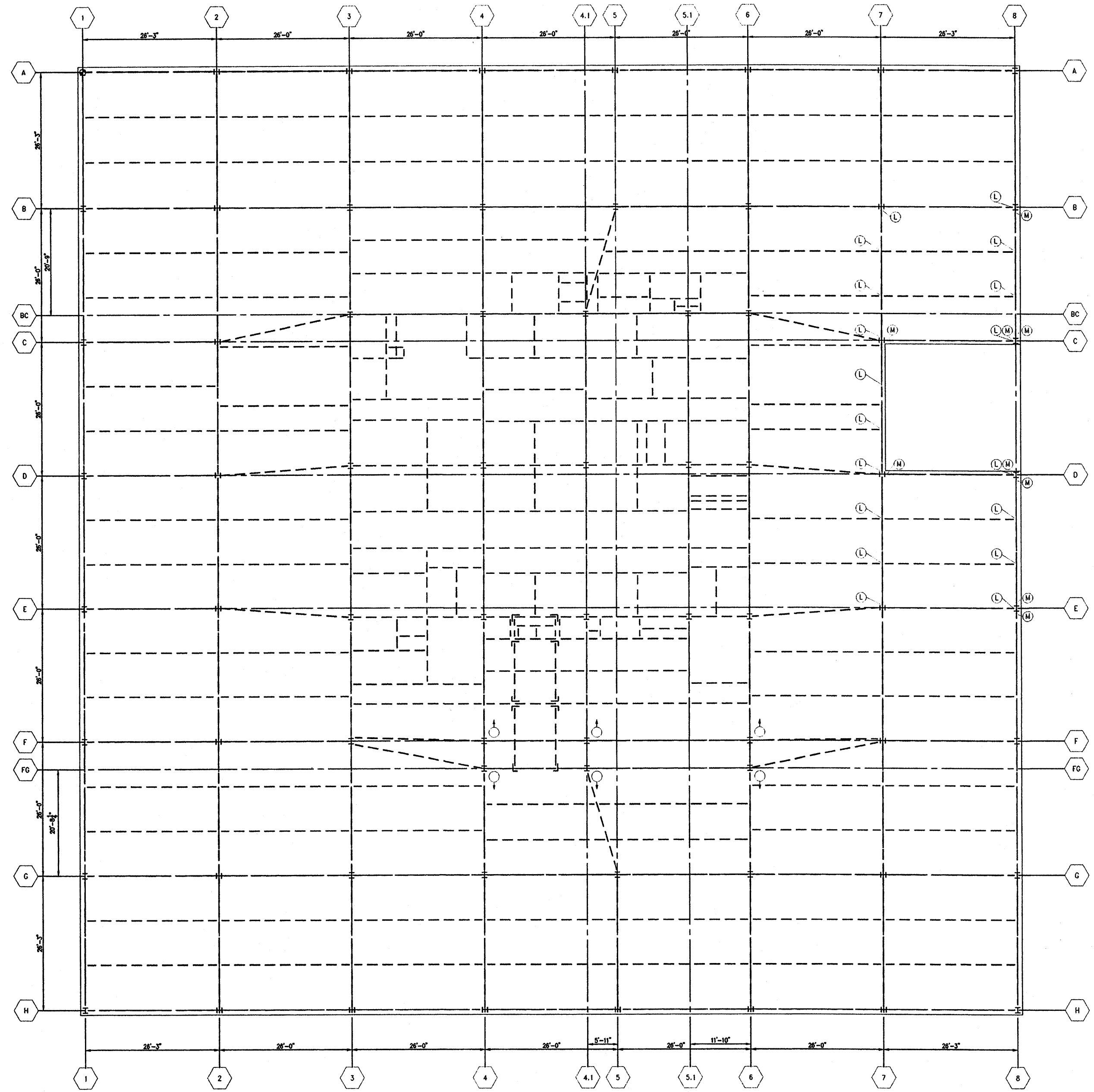
 <b>CANTOR BERKAT GROUP, INC.</b> CONSULTING ENGINEERS 228 East 43rd Street NEW YORK, NEW YORK 10017	
PROJECT <b>130 LIBERTY STREET</b> NEW YORK, NEW YORK	
SHEET TITLE <b>23<sup>RD</sup> FLOOR MOMENT CONNECTION          AND LEVEL SURVEY DRAWING</b>	
DRAWN BY CAD	JOB NUMBER
CHECKED BY	DATE
SCALE	DWG NUMBER <b>SC-23</b>



NOTE:  
 1. FOR NOTES AND LEGEND SEE DRAWING SC-4

REVISED FILE: Y:\DWP\10\101101\101101.dwg, Date: 08/11/2008, 11:00 AM, 08/11/2008, 11:00 AM

 CANTOR BANK GROUP, INC. CONSULTING ENGINEERS 220 East 42nd Street NEW YORK, NEW YORK 10017	
PROJECT <b>130 LIBERTY STREET</b> NEW YORK, NEW YORK	
SHEET TITLE <b>22<sup>ND</sup> FLOOR MOMENT CONNECTION          AND LEVEL SURVEY DRAWING</b>	
DRAWN BY CAD	JOB NUMBER
CHECKED BY	DWG NUMBER
SCALE	DATE
	<b>SC-22</b>



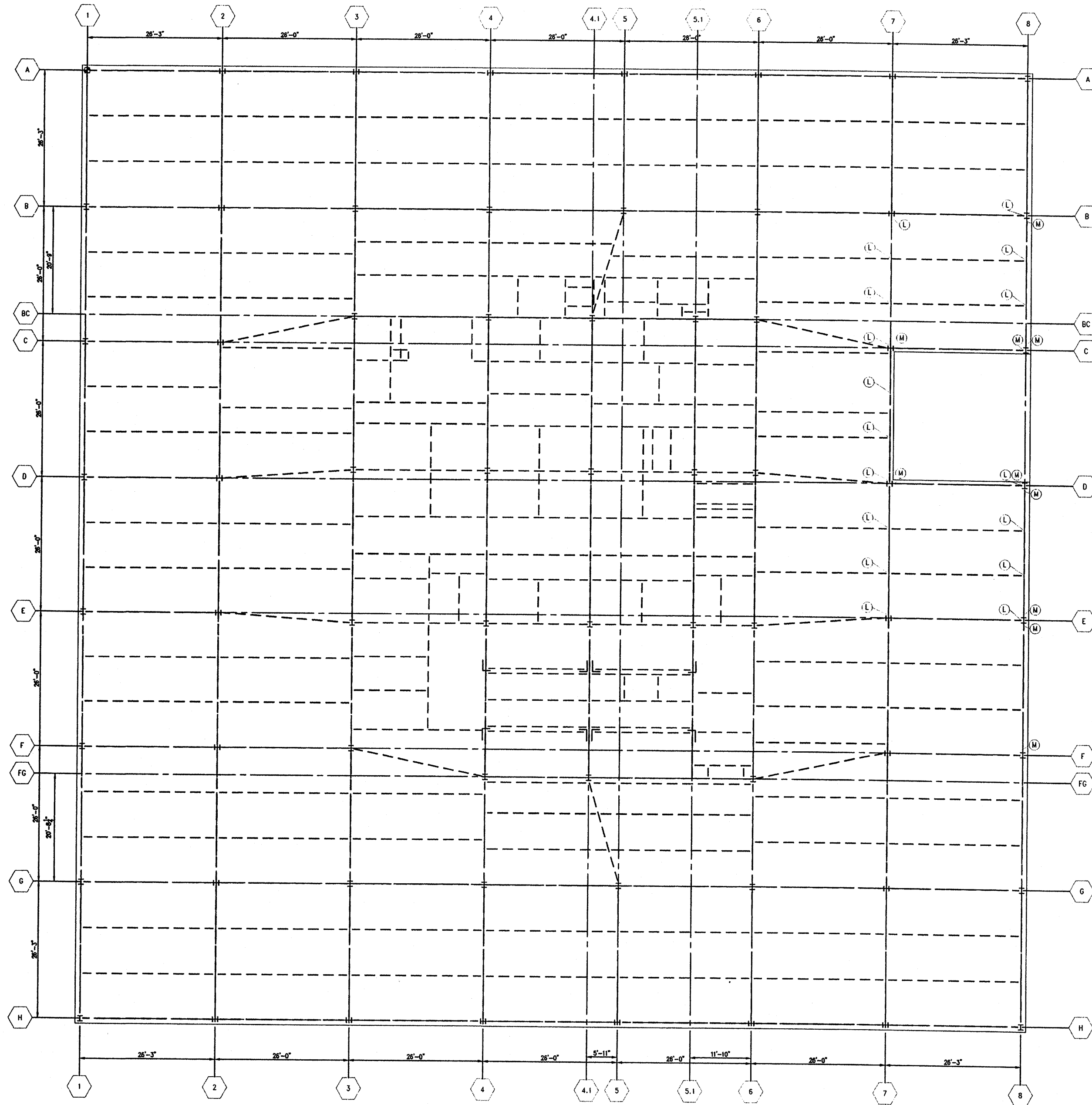
NOTE:  
 1. FOR NOTES AND LEGEND SEE DRAWING SC-1

REVISED FROM Y:\000\proj\101104\_01\000000\21\000000\21\000000.dwg PLOTTED AT: Thu Jun 08 15:02:08 2006




PROJECT		130 LIBERTY STREET NEW YORK, NEW YORK
SHEET TITLE		21 <sup>ST</sup> FLOOR MOMENT CONNECTION AND LEVEL SURVEY DRAWING
DRAWN BY	CAD	JOB NUMBER
CHECKED BY		
SCALE		DWG NUMBER
DATE		SC-21

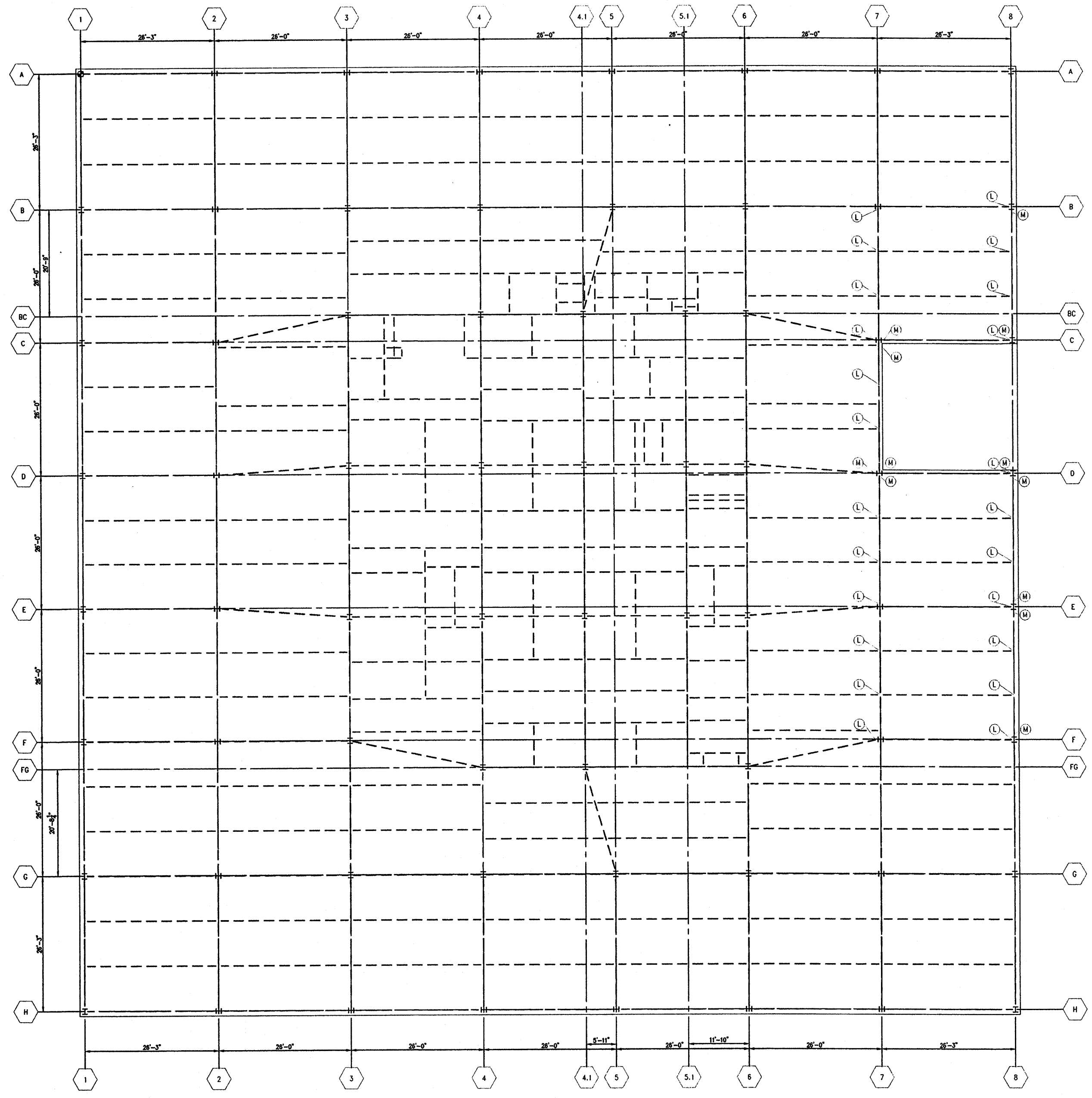




NOTE:  
1 FOR NOTES AND LEGEND SEE DRAWING SC-4


AutoCAD File: T:\CAD\Projects\130 Liberty Street\20th Floor.dwg Plotted At: New York on 11/15/14 2:02 PM

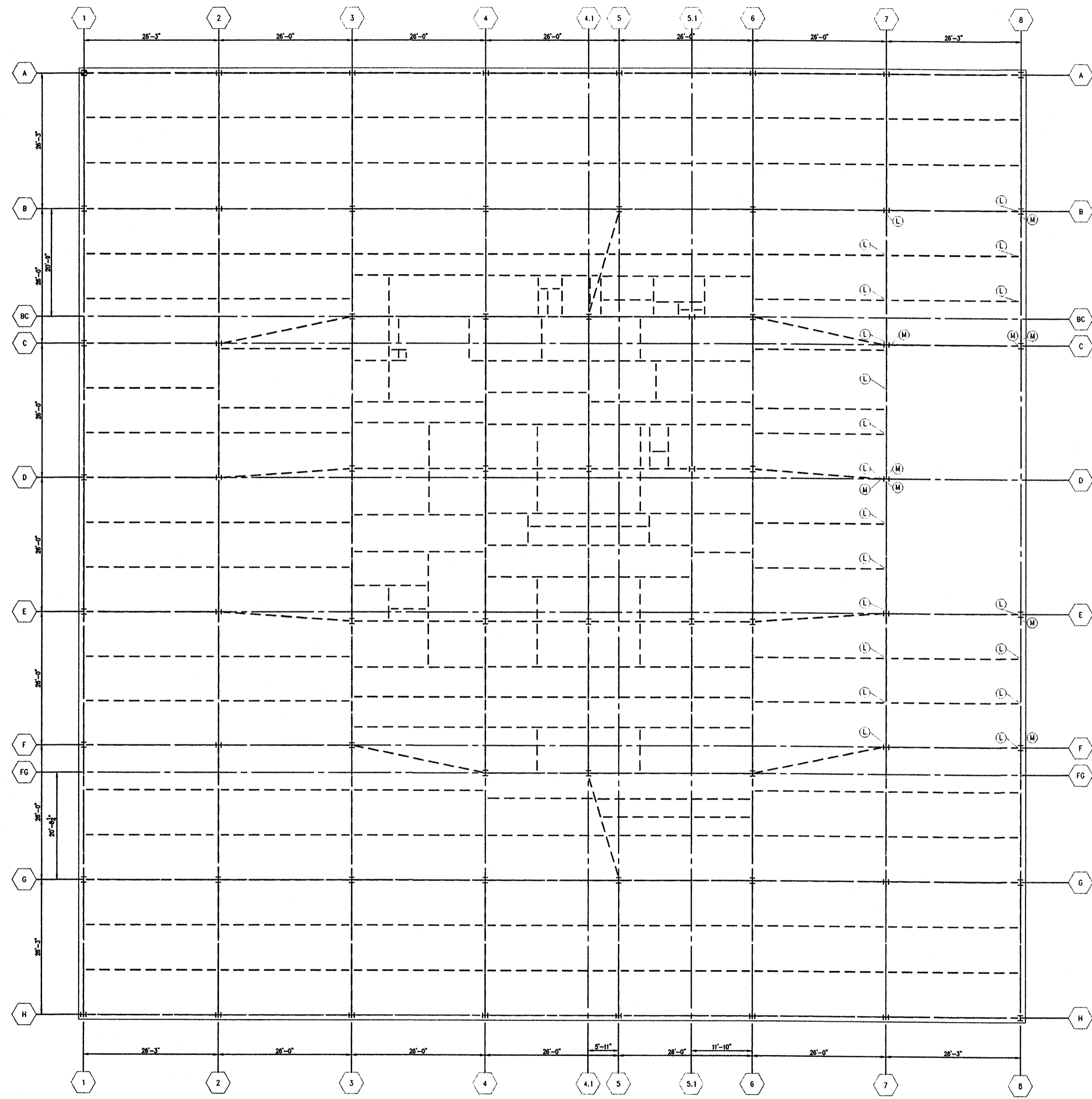
 <b>WSP GROUP</b> <small>A WSP GROUP COMPANY</small>		<b>GANTON BERKAP GROUP, INC.</b> <small>CONSULTING ENGINEERS</small> <small>225 WEST 42ND STREET</small> <small>NEW YORK, NEW YORK 10017</small>
<b>PROJECT</b> 130 LIBERTY STREET NEW YORK, NEW YORK		
<b>SHEET TITLE</b> 20 <sup>TH</sup> FLOOR MOMENT CONNECTION AND LEVEL SURVEY DRAWING		
<b>DRAWN BY</b> CAD	<b>JOB NUMBER</b>  	
<b>CHECKED BY</b>  	<b>DWG NUMBER</b>  	
<b>SCALE</b>  	<b>DATE</b>  	
		<b>SC-20</b>



NOTE:  
1. FOR NOTES AND LEGEND SEE DRAWING SC-4


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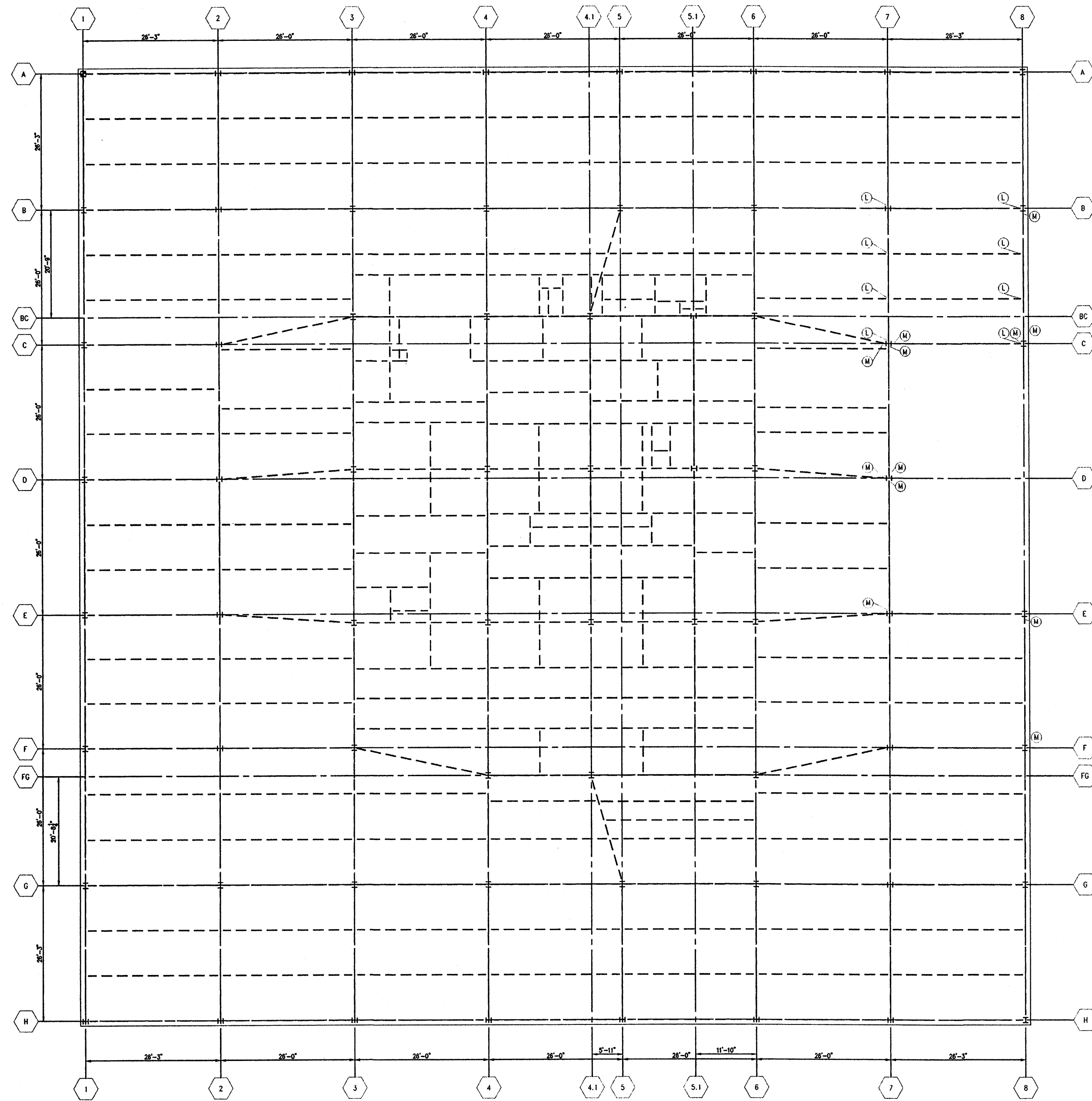
 <b>CANTOR BANK GROUP, INC.</b> <small>CONSULTING ENGINEERS        228 Canal Street        NEW YORK, NEW YORK 10017</small>	
<b>PROJECT</b> <b>130 LIBERTY STREET</b> NEW YORK, NEW YORK	
<b>SHEET TITLE</b> <b>19TH FLOOR MOMENT CONNECTION</b> <b>AND LEVEL SURVEY DRAWING</b>	
<b>DRAWN BY</b> CAD	<b>JOB NUMBER</b>
<b>CHECKED BY</b>	
<b>SCALE</b>	<b>DWG NUMBER</b> SC-19
<b>DATE</b>	



NOTE:  
 1. FOR NOTES AND LEGEND SEE DRAWING SC-4


A:\CAD\118-130 Liberty Street\118-130 Liberty Street.dwg Plotted At: Thu Jan 08 03:52:18 2004

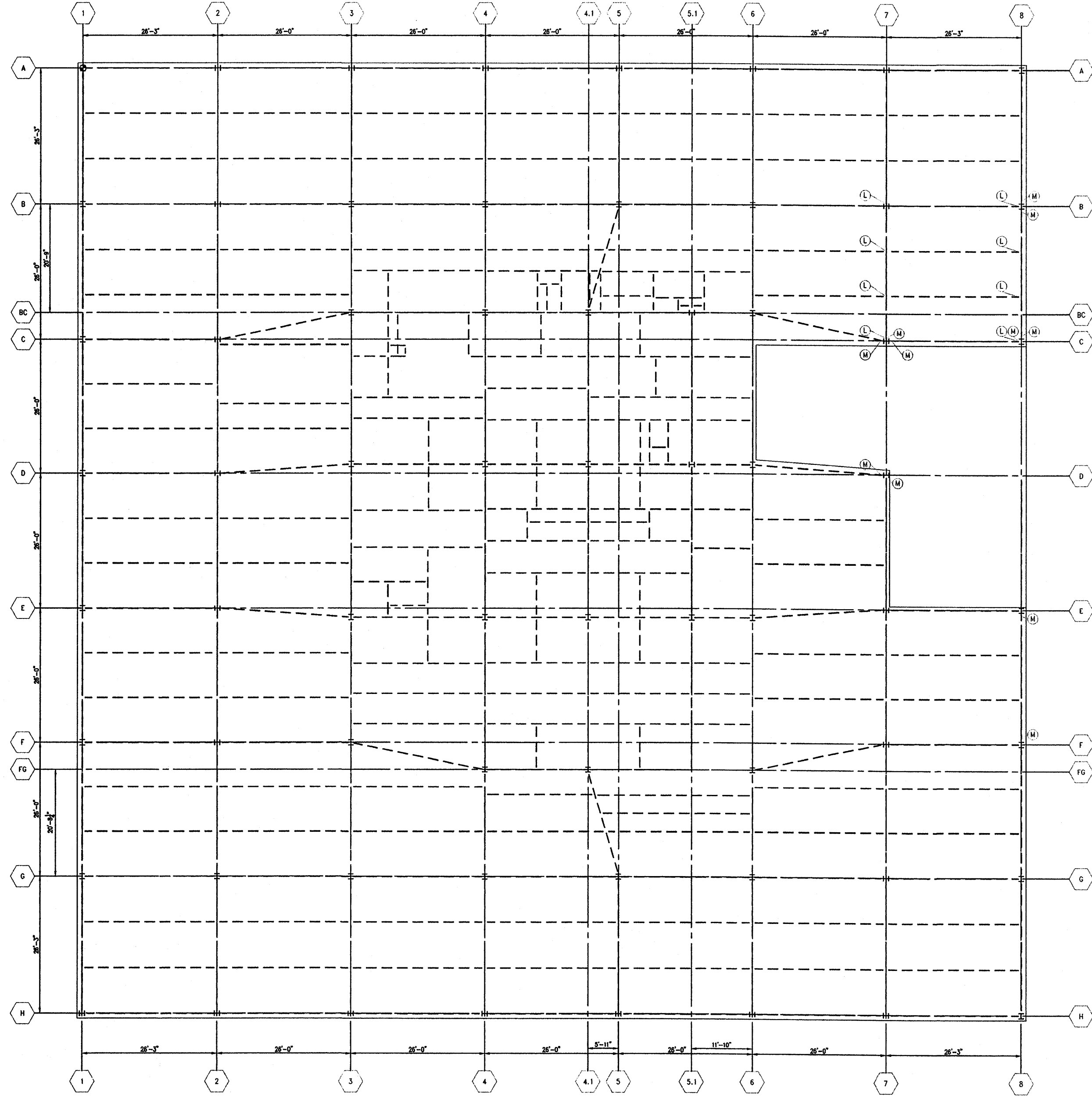
 <b>WSP GROUP</b> <small>A WSP GROUP COMPANY</small>		<b>CANTOR BERK GROUP, INC.</b> <small>CONSULTING ENGINEERS</small> <small>225 East 43rd Street</small> <small>NEW YORK, NEW YORK 10017</small>
<b>PROJECT</b> 130 LIBERTY STREET NEW YORK, NEW YORK		
<b>SHEET TITLE</b> 18 <sup>TH</sup> FLOOR MOMENT CONNECTION AND LEVEL SURVEY DRAWING		
<b>DRAWN BY</b> CAD	<b>JOB NUMBER</b>  	
<b>CHECKED BY</b>  		
<b>SCALE</b>  	<b>DWG NUMBER</b> SC-18	
<b>DATE</b>  		



NOTE:  
1. FOR NOTES AND LEGEND SEE DRAWING SC-4

ANSOB File: Y:\06\Projects\17th Floor Moment Connection\17th Floor Moment Connection.dwg Plotted at: Wed Jun 08 10:51:54 AM '05

 <b>WSP GROUP</b> <small>A WSP GROUP COMPANY</small>		<small>           CANTON BEEKER GROUP, INC.            CONSULTING ENGINEERS            228 East 45th Street            NEW YORK, NEW YORK 10017         </small>
<b>PROJECT</b> 130 LIBERTY STREET NEW YORK, NEW YORK		
<b>SHEET TITLE</b> 17 <sup>TH</sup> FLOOR MOMENT CONNECTION AND LEVEL SURVEY DRAWING		
DRAWN BY _____ CAD	CHECKED BY _____	JOB NUMBER _____
SCALE _____	DATE _____	DWG NUMBER SC-17

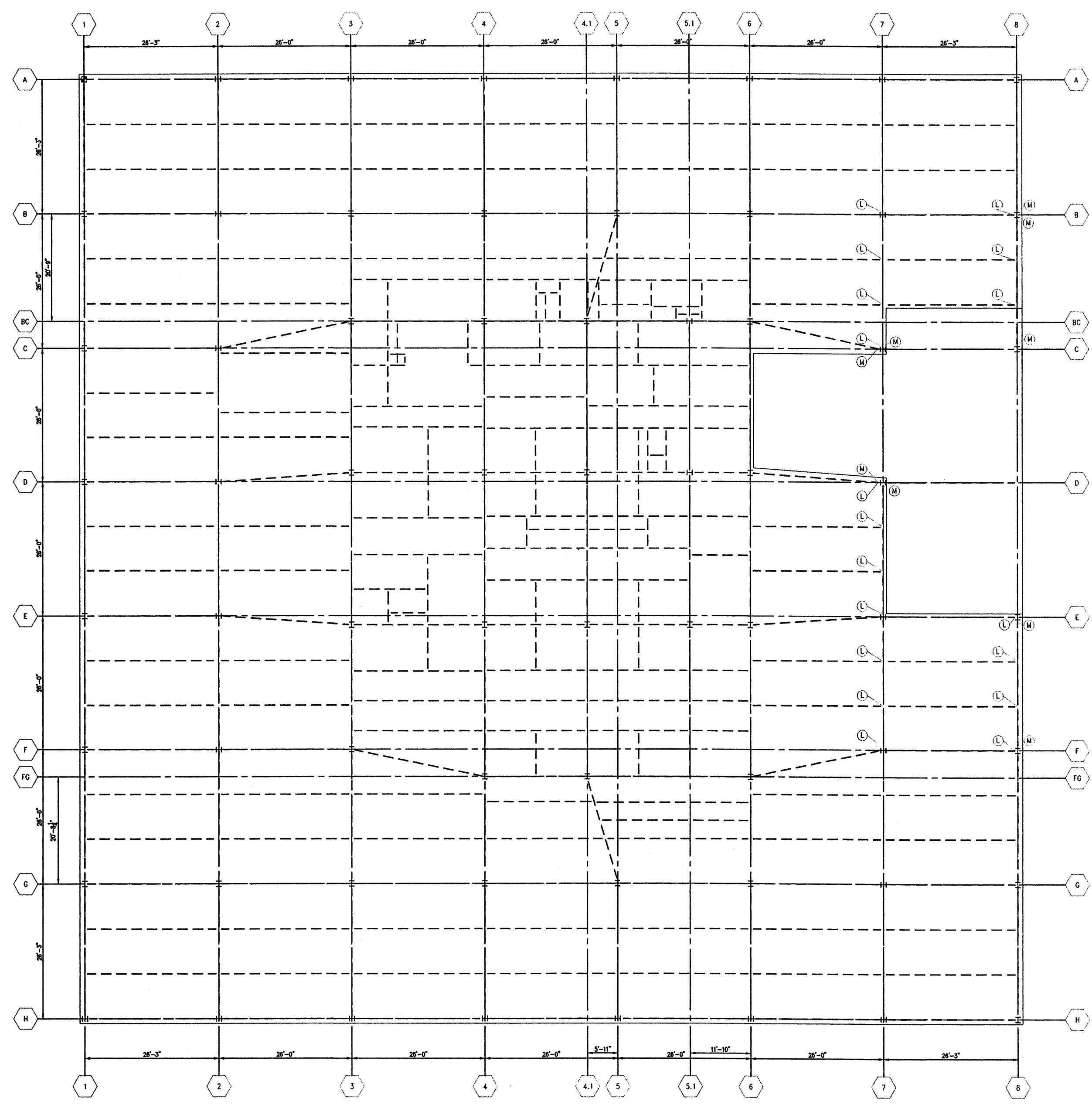


NOTE:  
1. FOR NOTES AND LEVELS SEE DRAWING SC-4.

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		CANTOR BERNEK GROUP, INC. CONSULTING ENGINEERS 228 East 40th Street NEW YORK, NEW YORK 10017
PROJECT <b>130 LIBERTY STREET</b> NEW YORK, NEW YORK		
SHEET TITLE <b>16<sup>TH</sup> FLOOR MOMENT CONNECTION          AND LEVEL SURVEY DRAWING</b>		
DRAWN BY	CAD	JOB NUMBER
CHECKED BY		
SCALE		DWG NUMBER
DATE		SC-16

A:\0040 File: 7:1\0040\15thFloorMOM\15thFloorMOM.dwg Plotted At: Thu Jan 08 15:34:28 2009



NOTE:  
1. FOR NOTES AND LEGEND SEE DRAWING SC-4

CANTOR BENK GROUP, INC.  
CONSULTING ENGINEERS  
225 CHE. AND STREE  
NEW YORK, NEW YORK 10017

**PROJECT**  
130 LIBERTY STREET  
NEW YORK, NEW YORK

**SHEET TITLE**  
15<sup>TH</sup> FLOOR MOMENT CONNECTION  
AND LEVEL SURVEY DRAWING

DRAWN BY CAD

JOB NUMBER

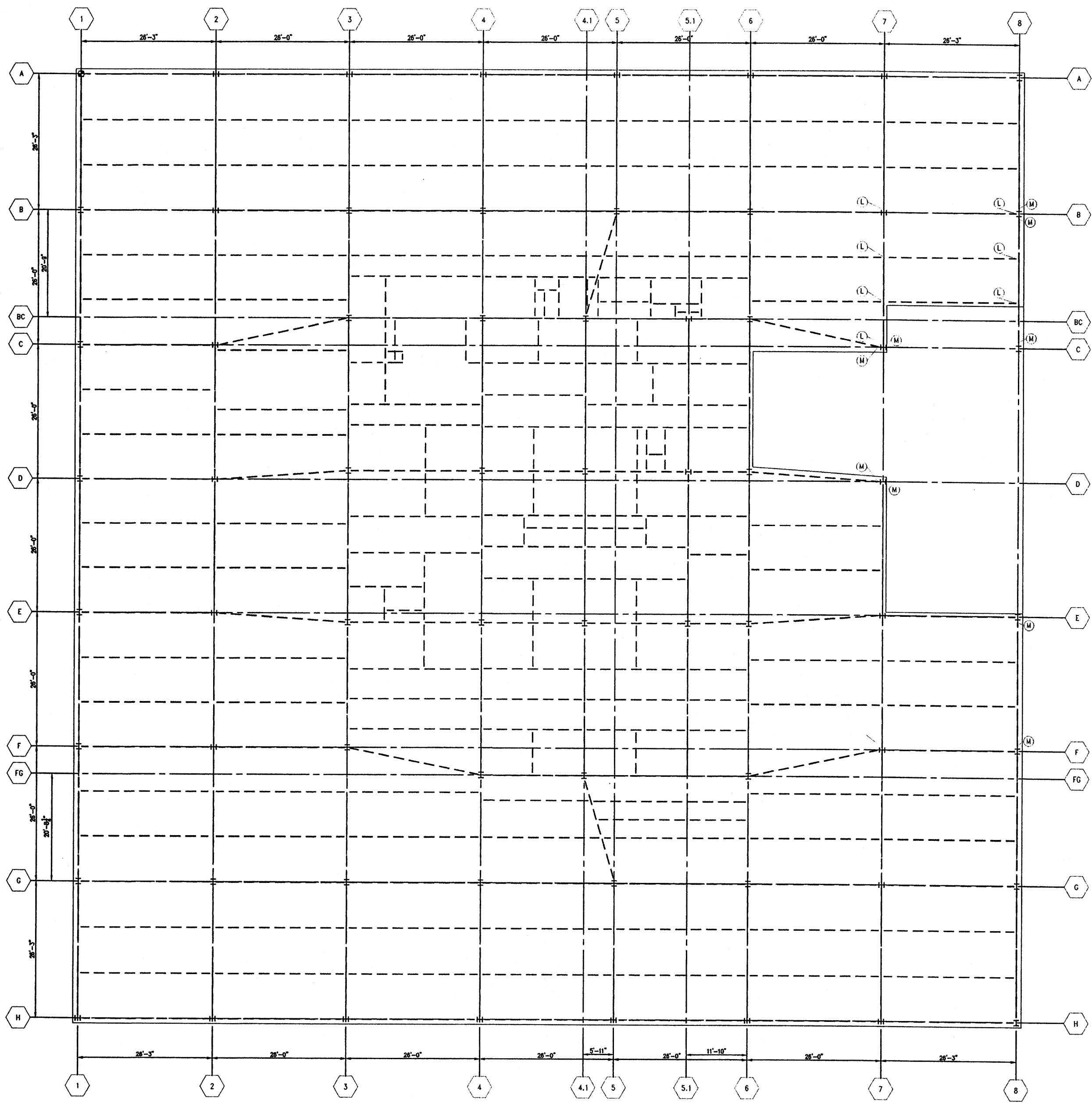
CHECKED BY

SCALE

DWG NUMBER

DATE

SC-15

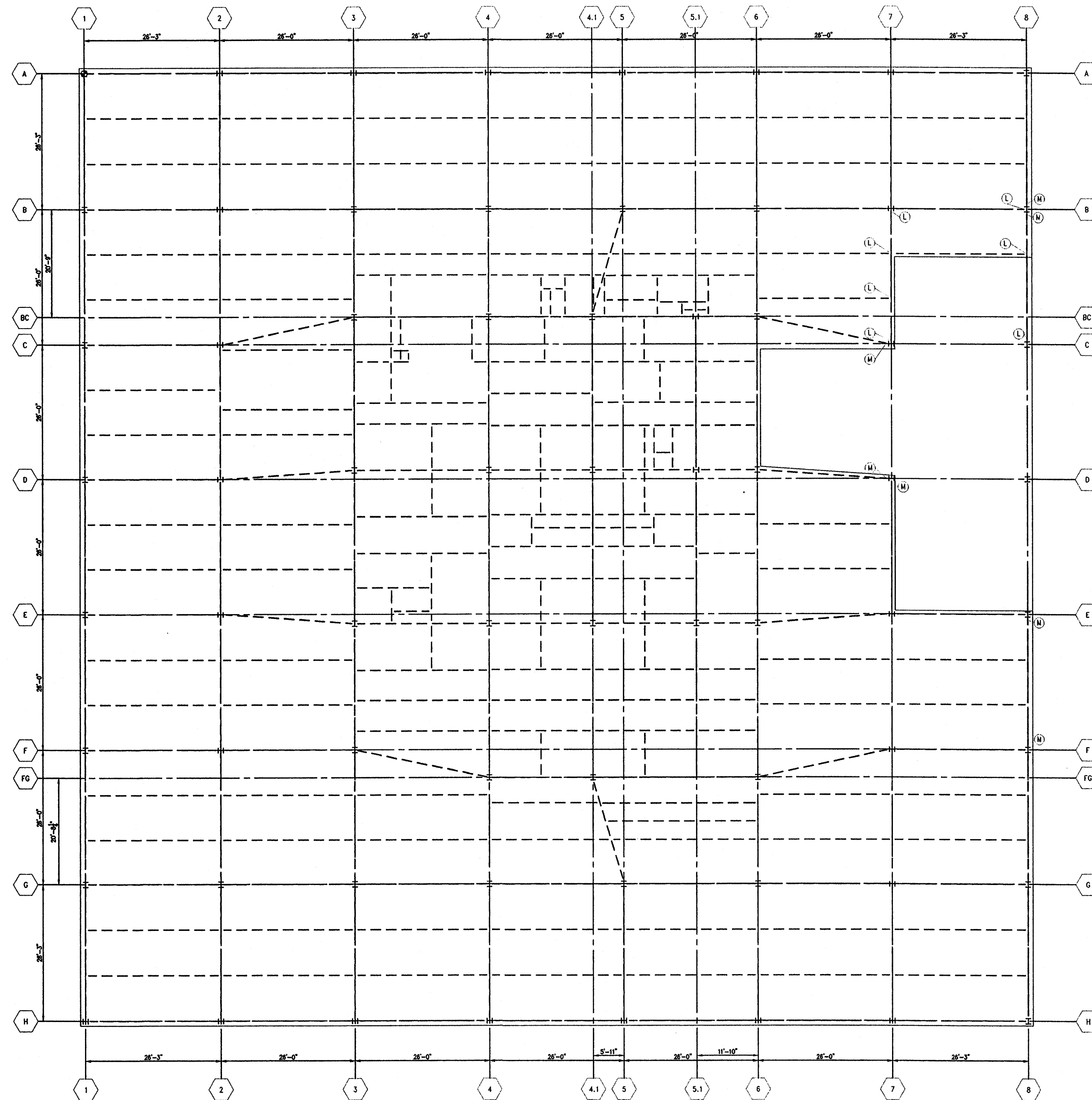


NOTE:  
1. FOR DETAILS AND LEGEND SEE DRAWING SC-4

ARCHD File: Y:\000\Projects\101000\DWG\101000-14th Floor Moment Connections.dwg Plotter: HP DesignJet 5000 11/15/05 10:10:10 AM



PROJECT	130 LIBERTY STREET NEW YORK, NEW YORK	
SHEET TITLE	14 <sup>TH</sup> FLOOR MOMENT CONNECTION AND LEVEL SURVEY DRAWING	
DRAWN BY	CAD	JOB NUMBER
CHECKED BY		
SCALE		DWG NUMBER
DATE		SC-14



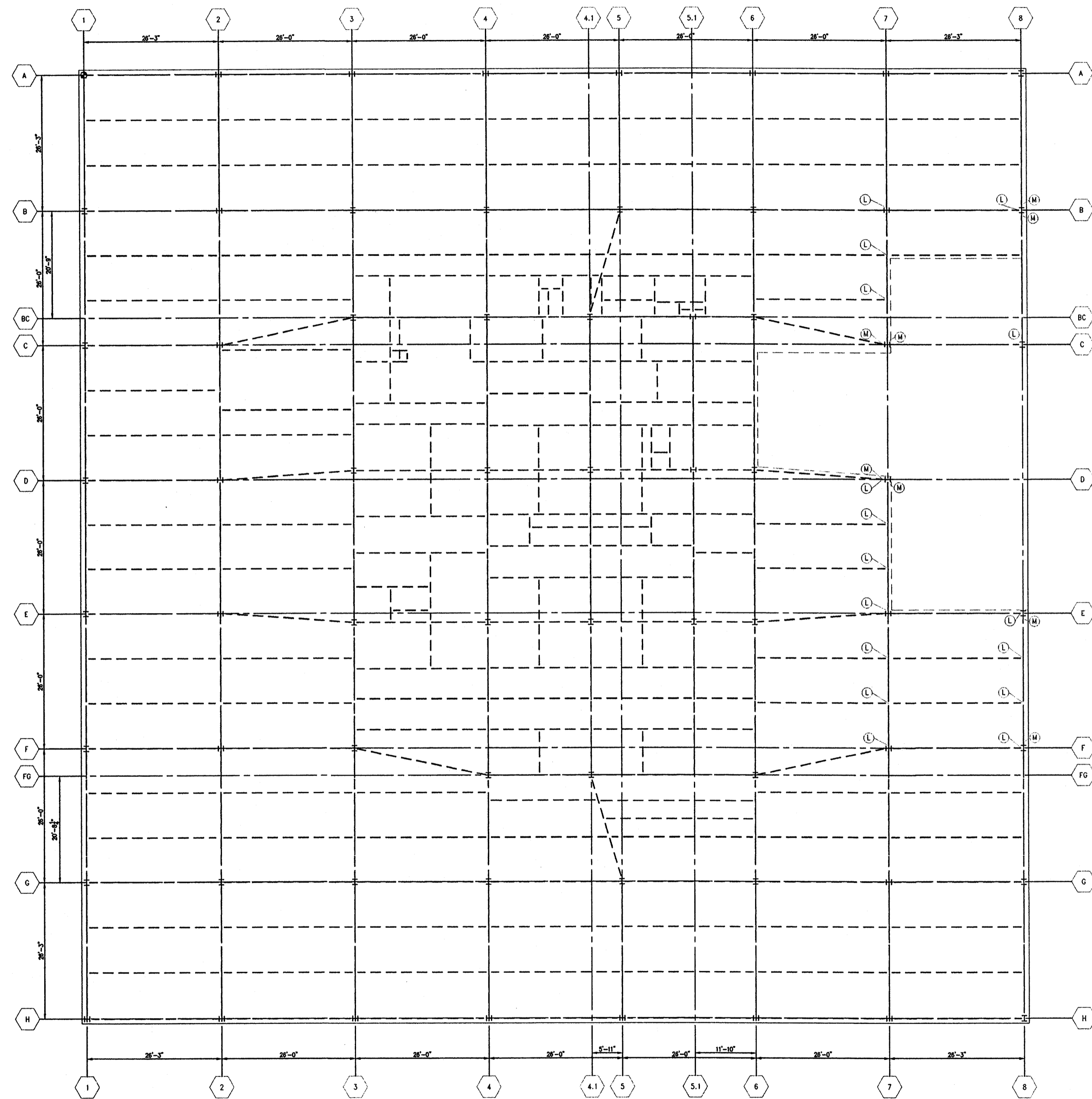
NOTE:  
1. FOR NOTES AND LEGENDS SEE DRAWING SC-4

Project: 130 Liberty Street, New York, NY  
 Date: 11/15/11  
 Scale: As Shown




PROJECT	130 LIBERTY STREET NEW YORK, NEW YORK	
SHEET TITLE	12 <sup>TH</sup> FLOOR MOMENT CONNECTION AND LEVEL SURVEY DRAWING	
DRAWN BY	CAD	JOB NUMBER
CHECKED BY		
SCALE		DWG NUMBER
DATE		SC-12

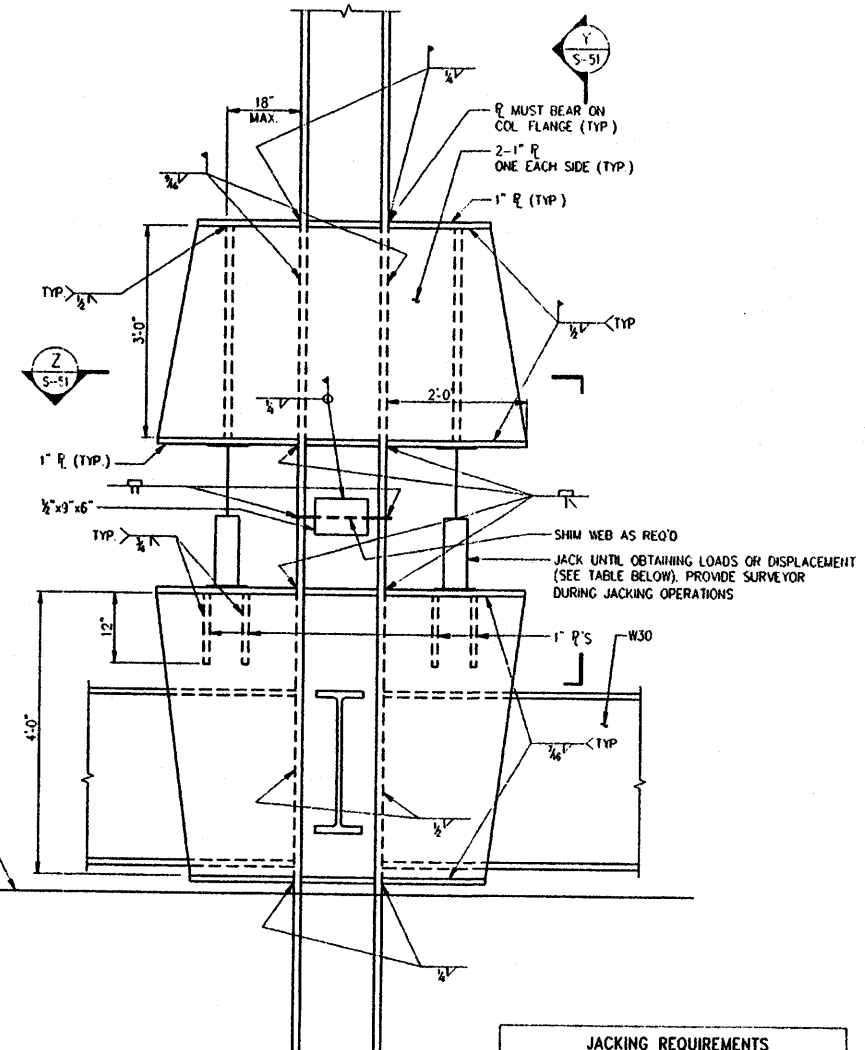




NOTE:  
1. FOR NOTES AND LEGEND SEE DRAWING SC-4

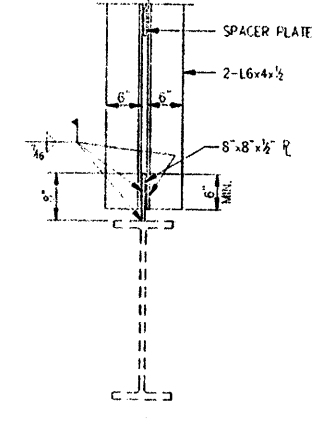
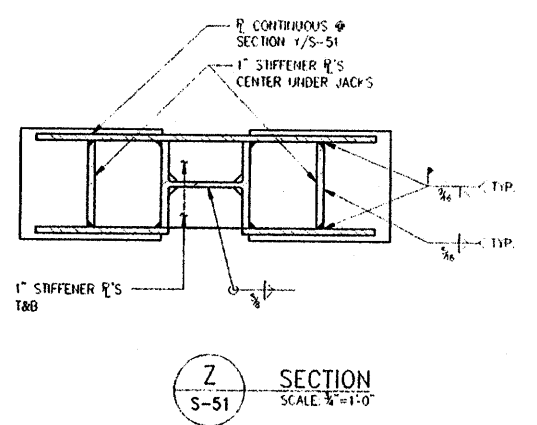
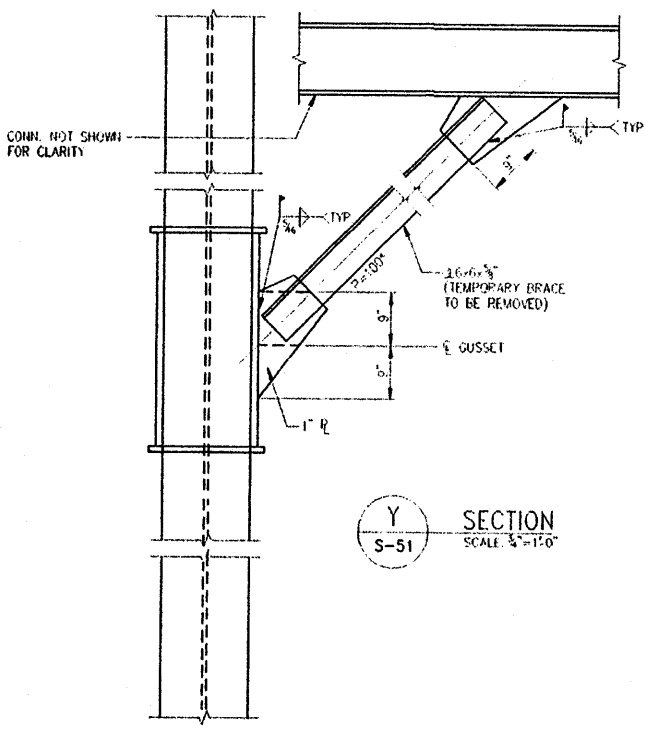
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 GWANTOR BERKIN GROUP, INC. CONSULTING ENGINEERS 228 East 40th Street NEW YORK, NEW YORK 10017	
PROJECT <b>130 LIBERTY STREET</b> NEW YORK, NEW YORK	
SHEET TITLE <b>11<sup>TH</sup> FLOOR MOMENT CONNECTION          AND LEVEL SURVEY DRAWING</b>	
DRAWN BY CAD	JOB NUMBER
CHECKED BY	DWG NUMBER
SCALE	DATE
SC-11	

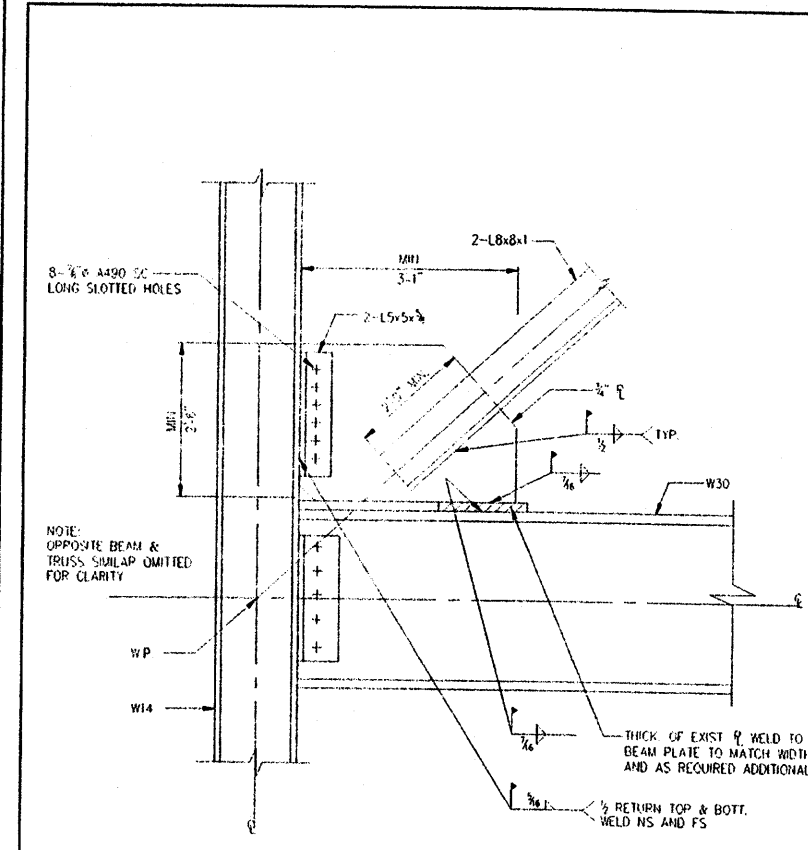


**JACKING REQUIREMENTS**

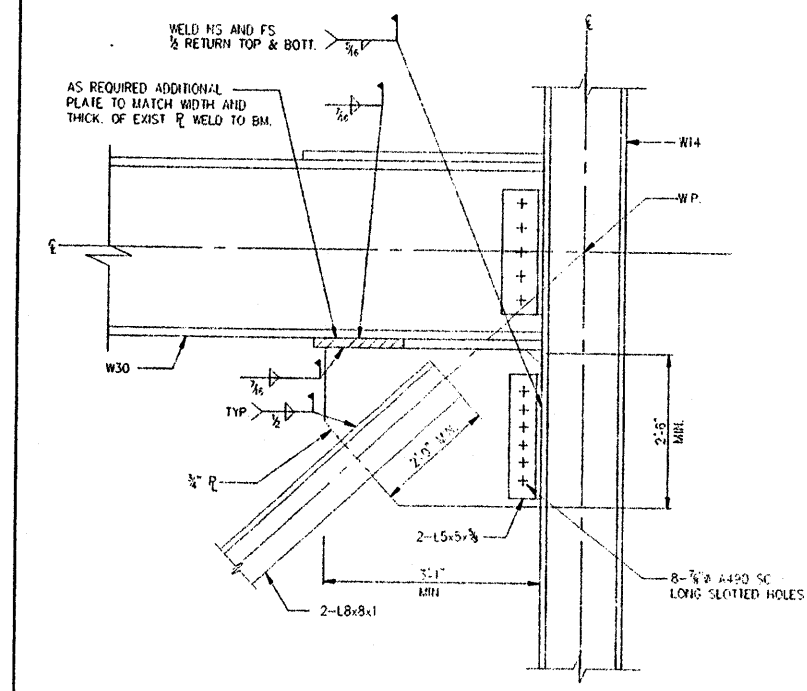
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15 <sup>th</sup> FLOOR	850 KIPS TOTAL TIB BY E.O.R	
14 <sup>th</sup> FLOOR	800 KIPS TOTAL TIB BY E.O.R	
13 <sup>th</sup> FLOOR	850 KIPS TOTAL TIB BY E.O.R	



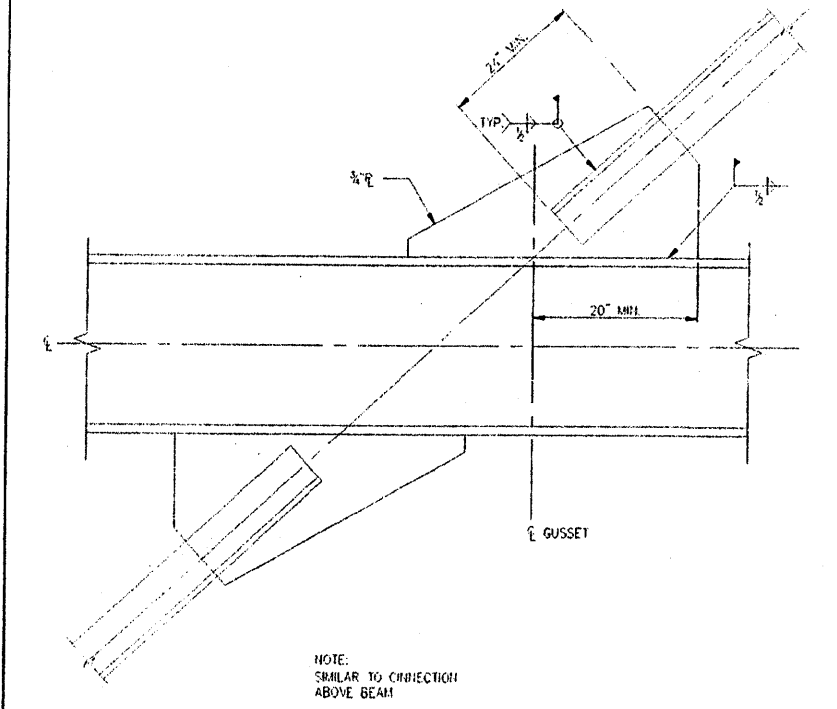
2  
S-51  
DETAIL  
SCALE 3/4"=1'-0"



5  
S-51  
TYPICAL CONNECTION DETAIL  
@ BOTTOM OF NEW TRUSS  
SCALE 3/4"=1'-0"



3  
S-51  
TYPICAL CONNECTION DETAIL  
@ TOP OF NEW TRUSS  
SCALE 3/4"=1'-0"



4  
S-51  
TYPICAL CONNECTION DETAIL  
@ MID LEVEL OF NEW TRUSS  
SCALE 3/4"=1'-0"

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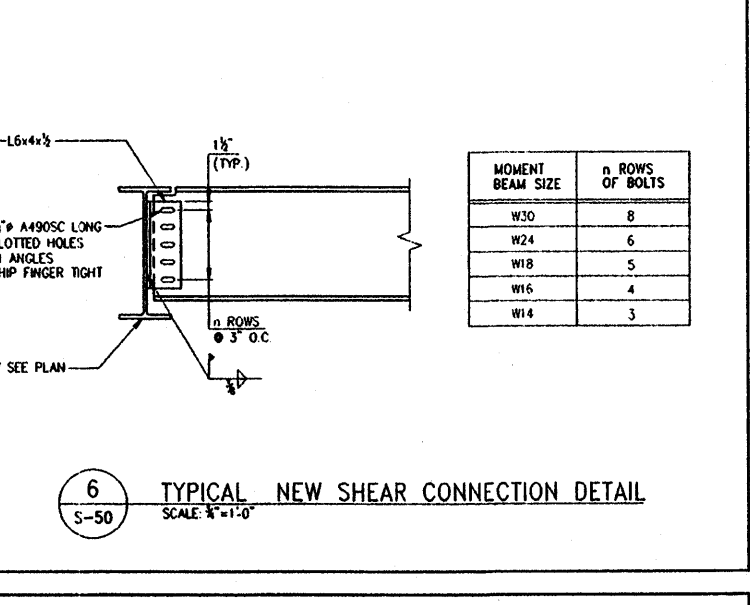
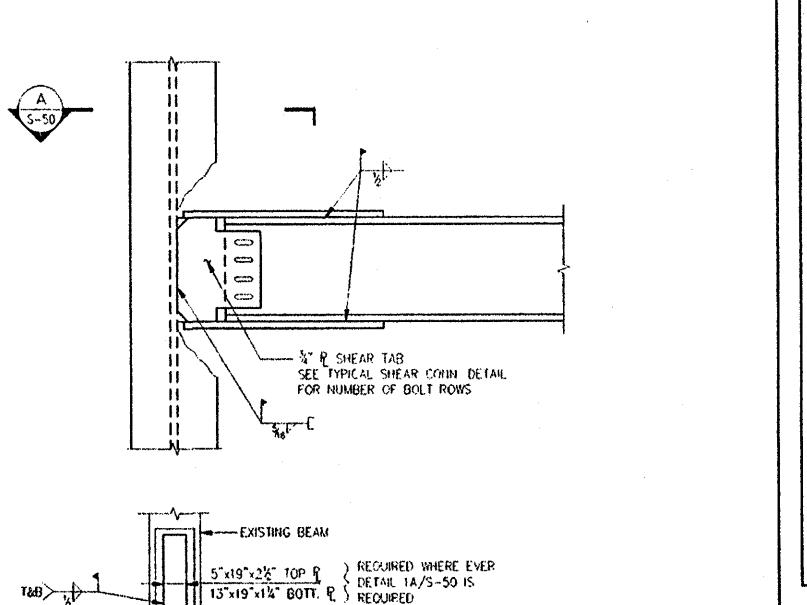
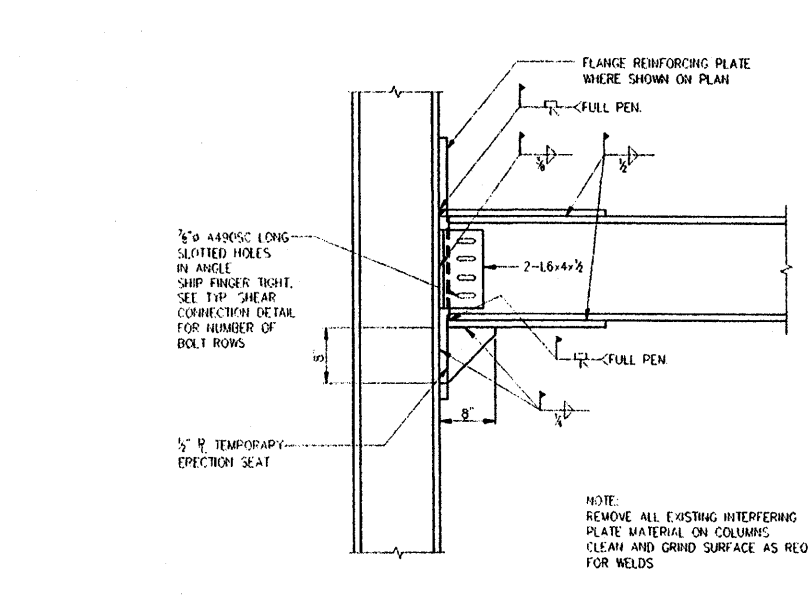
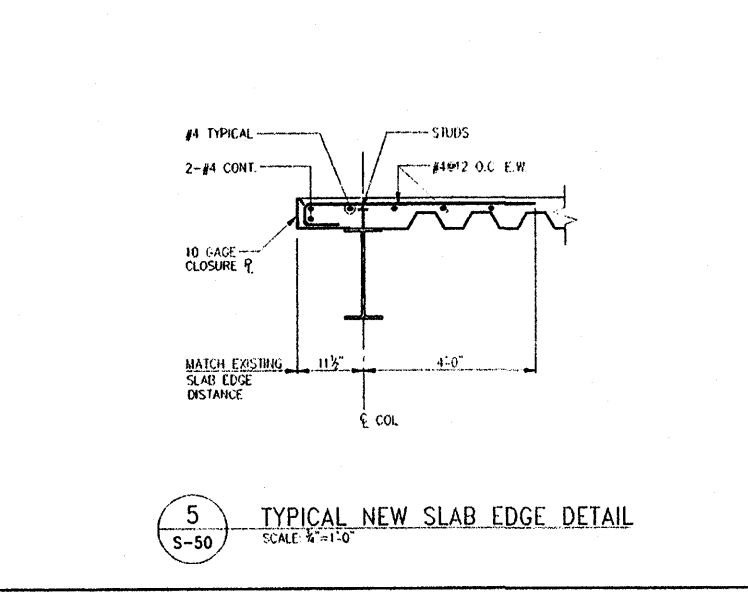
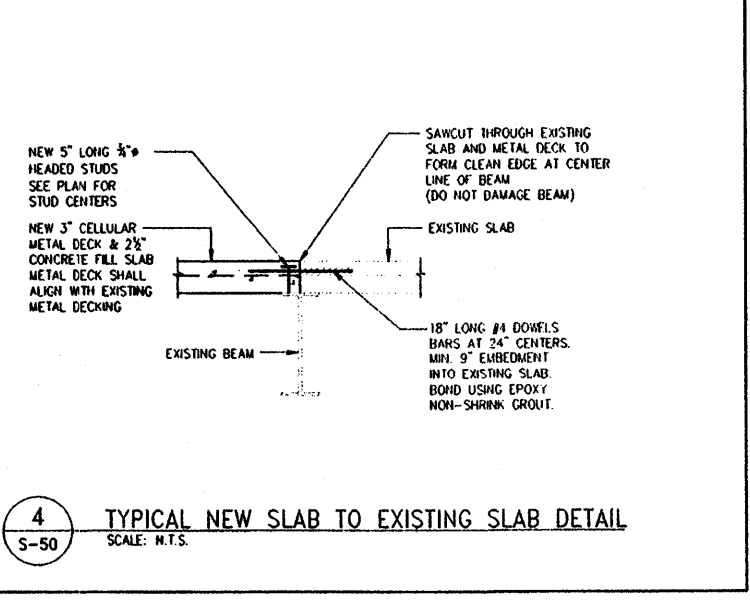
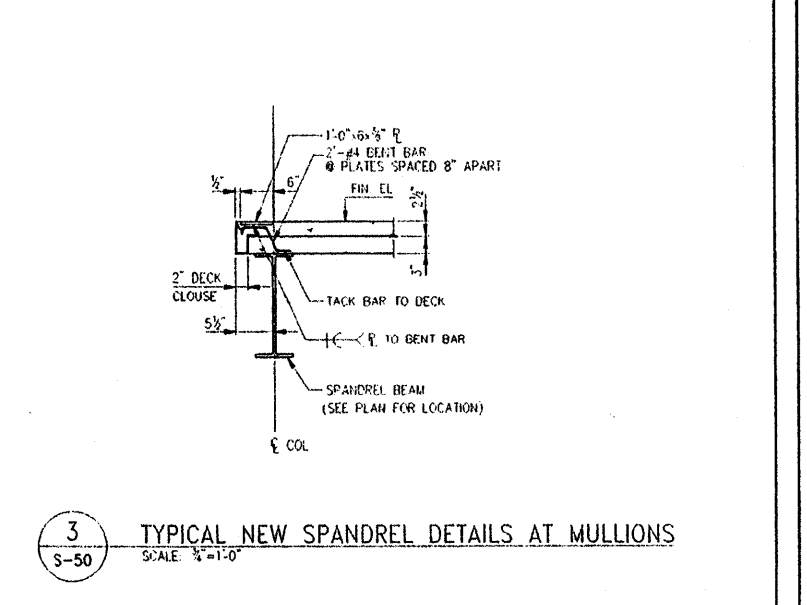
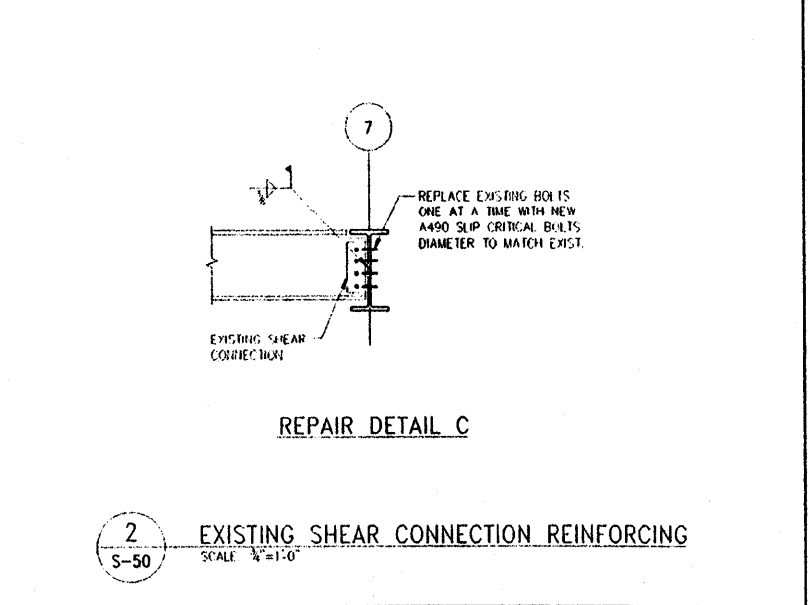
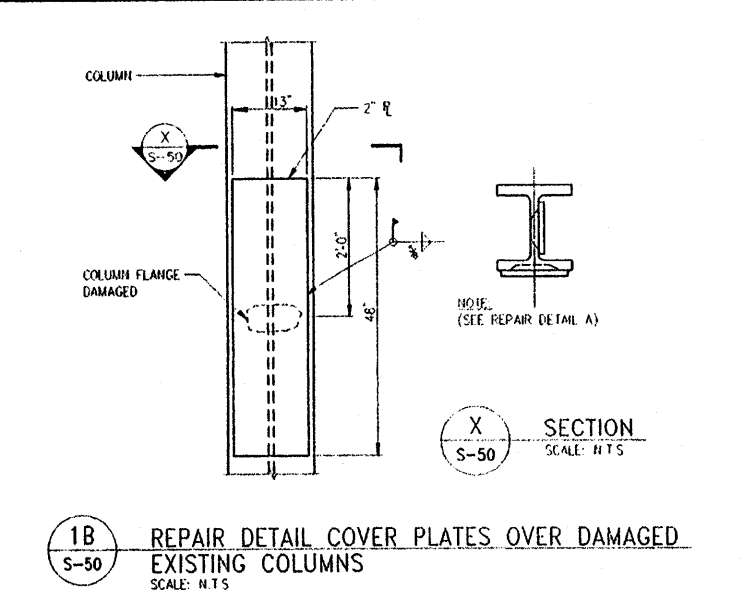
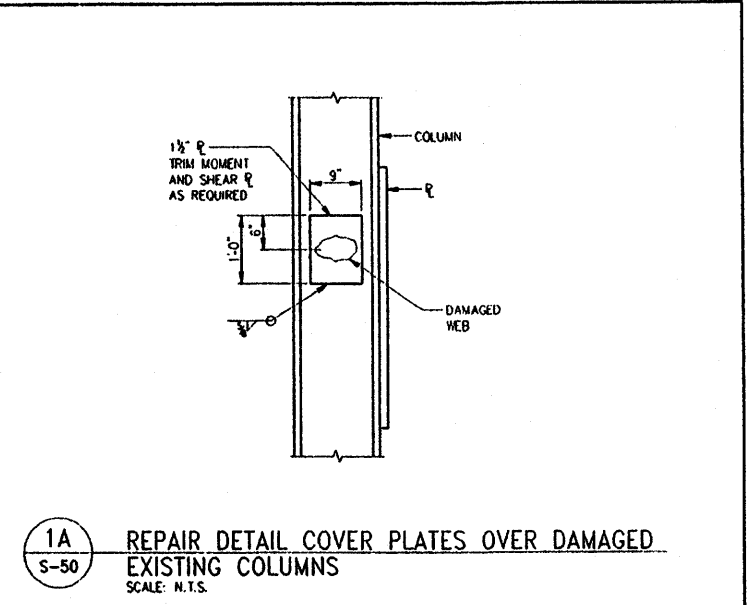
BID PACKAGE 01/10/02



PROJECT  
130 LIBERTY STREET  
NEW YORK, NEW YORK

SHEET TITLE  
SECTIONS & DETAILS 2

DRAWN BY CAD JOB NUMBER  
CHECKED BY DATE  
SCALE DWG NUMBER  
DATE S-51



MOMENT PLATE SCHEDULE		
BEAM SIZE	TOP $\phi$	BOTTOM $\phi$
W30x132	28"x9'-3/4"	18"x12'-3/4"
W30x124	27"x9'-3/4"	18"x12'-3/4"
W30x116	27"x9'-3/4"	18"x12'-3/4"
W30x108	18"x9'-3/4"	18"x12'-3/4"
W30x99	18"x9'-3/4"	18"x12'-3/4"
W30x90	18"x9'-3/4"	18"x12'-3/4"
W30x81	18"x9'-3/4"	18"x12'-3/4"
W30x72	18"x9'-3/4"	18"x12'-3/4"
W30x63	18"x9'-3/4"	18"x12'-3/4"
W30x54	18"x9'-3/4"	18"x12'-3/4"
W30x45	18"x9'-3/4"	18"x12'-3/4"
W30x36	18"x9'-3/4"	18"x12'-3/4"
W30x27	18"x9'-3/4"	18"x12'-3/4"
W30x18	18"x9'-3/4"	18"x12'-3/4"
W30x9	18"x9'-3/4"	18"x12'-3/4"

**STRUCTURAL STEEL NOTES:**

- STRUCTURAL STEEL HAS BEEN DESIGNED IN ACCORDANCE WITH THE AISC BUILDING CODE. ALL STEEL TO BE ASTM A572 HAVING A MINIMUM YIELD OF 50,000 PSI U.O.I.I.
- ALL SPECIFICATIONS FOR "SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS" ALLOWABLE STRESS DESIGN (ASD) - 9<sup>TH</sup> EDITION SHALL APPLY, EXCEPT AS MODIFIED BY THE NOTES, SCHEDULES AND DETAILS SHOWN ON THE STRUCTURAL DRAWINGS OR ANY RESTRICTIVE REQUIREMENTS OF THE NYC BUILDING CODE.
- THE FRAME SHALL BE CARRIED UP TRUE AND PLUMB AND TEMPORARY BRACING SHALL BE INTRODUCED WHENEVER NECESSARY TO TAKE CARE OF ALL LOADS TO WHICH THE STRUCTURE MAY BE SUBJECTED, INCLUDING EQUIPMENT AND OPERATION OF SAME. SUCH BRACING SHALL BE THE RESPONSIBILITY OF THE STEEL CONTRACTOR AND SHALL BE LEFT IN PLACE AS LONG AS REQUIRED FOR SAFETY.
- ALL CORRECTIONS SHALL BE IN ACCORDANCE WITH AISC SPECIFICATIONS.
- ALL WELDED CONNECTIONS SHALL CONFORM TO THE LATEST AISC CODE PROVISIONS. ALL SHOP WELDS SHALL BE TESTED BY ANY OF APPROVED METHODS AND SHALL BE CERTIFIED.
- ALL BOLT STEEL SHALL CONFORM TO THE FOLLOWING ASTM DESIGNATIONS, LATEST EDITION: HIGH STRENGTH BOLTS A-308, U.O.I.I.
- ALL BOLTS SHALL BE 1/2" MINIMUM ON HOLES 1/4" UNLESS OTHERWISE SHOWN ON THE DRAWINGS.
- ALL CONNECTIONS SHALL BE SLIP CRITICAL.
- ALL SHEAR STUDS SHALL BE 3/4" HEADED STUDS AND 5" LONG.
- ALL ENDS OF COLUMNS AT SPICES AND ALL OTHER BEARING CONNECTIONS SHALL BE WELDED TO COMPLETE TRUE BEARING.
- PROVISIONS SHALL BE MADE FOR COORDINATION OF OTHER TRADES INCLUDING CUTTING AND FINISHING OF STRUCTURAL MEMBERS, WHERE REQUIRED BY THE DWG. OR FOR WHICH INFORMATION IS FURNISHED PRIOR TO FABRICATION.
- THE USE OF A CUTTING TORCH IN THE FIELD WILL NOT BE PERMITTED UNLESS APPROVED BY ENGINEER OF RECORD.
- WELDING ELECTRODES SHALL CONFORM TO E70XX ELECTRODES.
- CONTRACTOR SHALL PROVIDE STIFFENERS PER CHAPTER K OF AISC SPECIFICATION (ASD) REGARDING THE NEED FOR COLUMN STIFFENERS.
- ALL STEEL TO BE SPRAY FIREPROOFED.

**STEEL DECK NOTES:**

- STEEL DECK SHALL CONFORM TO THE CURRENT SPECIFICATIONS FOR THE DESIGN OF LIGHT GAUGE COLD FORMED STEEL STRUCTURAL MEMBERS AS PER THE AISC LATEST EDITION AND STEEL DECK INSTITUTE SPECIFICATIONS AND STANDARDS.
- DECK SHALL BE ANCHORED BY WELDING THROUGH THE BOTTOM OF THE RID TO STRUCTURAL STEEL AT MAXIMUM SPACING OF 12" WITH MINIMUM BEARING OF END LAP OF 2".
- OPENINGS IN DECK SHALL BE TREATED AS FOLLOWS:
  - A FEW HOLES 6" OR LESS, PERPENDICULAR TO SPAN, NO REINFORCING REQUIRED.
  - FOR HOLES OVER 6", BUT NOT MORE THAN 12", PROVIDE ONE 14 GAUGE REINFORCING PLATE 24"x24" AND WELD IN PLACE.
  - ALL STEEL DECK TO BE SPRAY FIREPROOFED U.O.I.I.

**SUPERSTRUCTURE CONCRETE NOTES:**

- ALL CONCRETE OVER METAL DECK SHALL BE LIGHT WEIGHT CONCRETE WITH A MINIMUM COMPRESSIVE STRENGTH OF 3500 PSI AT 28 DAYS U.O.I.I.
- ALL CONCRETE IS TO COMPLY WITH ALL REQUIREMENTS OF CURRENT ACI BLDG. CODE AND ALL OTHER RELEVANT SECTIONS OF THE N.Y.C. BUILDING CODE.

11/20/2011 11:11:11 AM 11/20/2011 11:11:11 AM 11/20/2011 11:11:11 AM 11/20/2011 11:11:11 AM 11/20/2011 11:11:11 AM 11/20/2011 11:11:11 AM 11/20/2011 11:11:11 AM 11/20/2011 11:11:11 AM 11/20/2011 11:11:11 AM 11/20/2011 11:11:11 AM

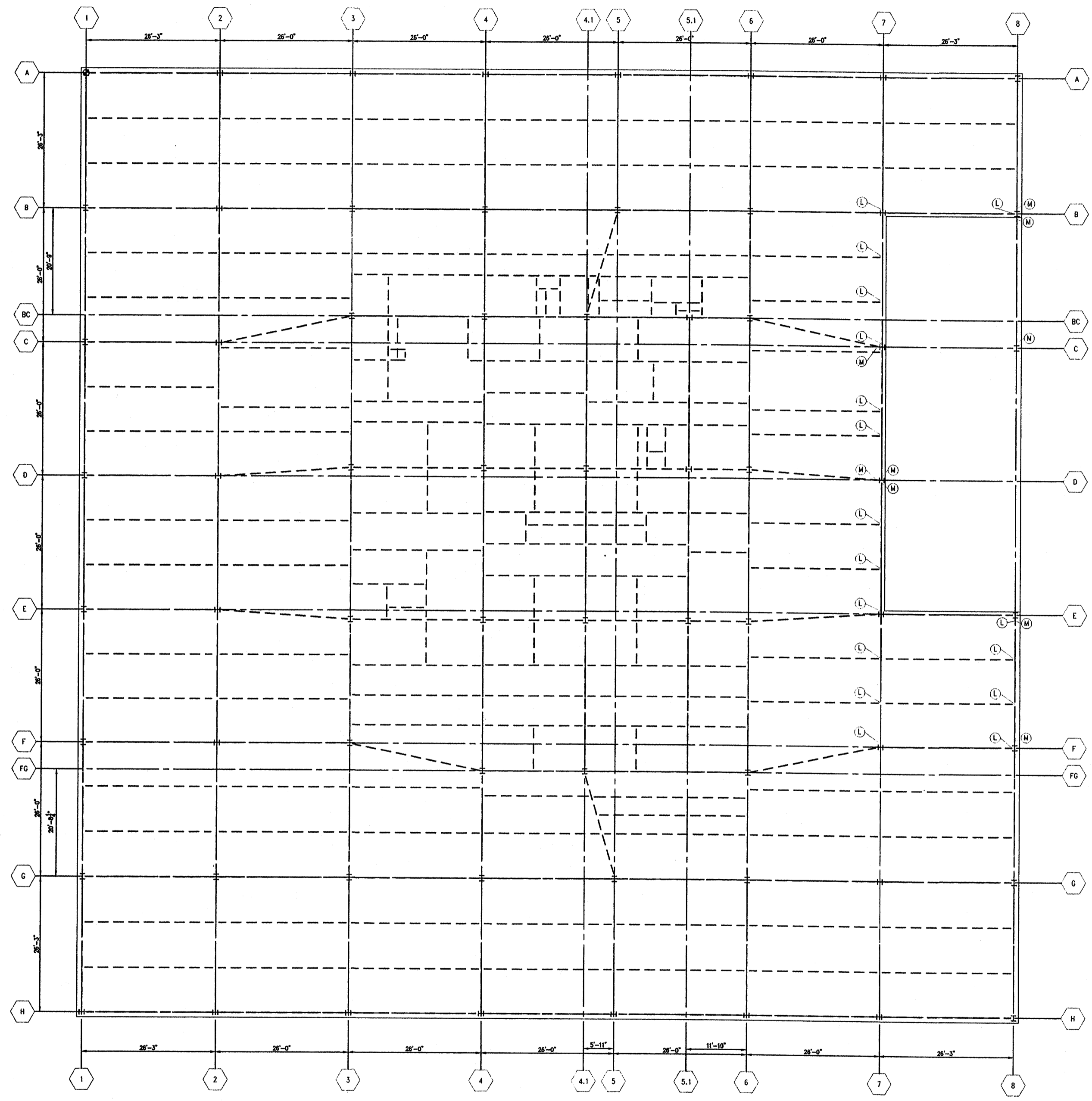
BID PACKAGE 01/10/02



PROJECT  
130 LIBERTY STREET  
NEW YORK, NEW YORK


SHEET TITLE  
SECTIONS & DETAILS 1

DRAWN BY	CAD	JOB NUMBER
CHECKED BY		
SCALE		DWG. NUMBER
DATE		S-50

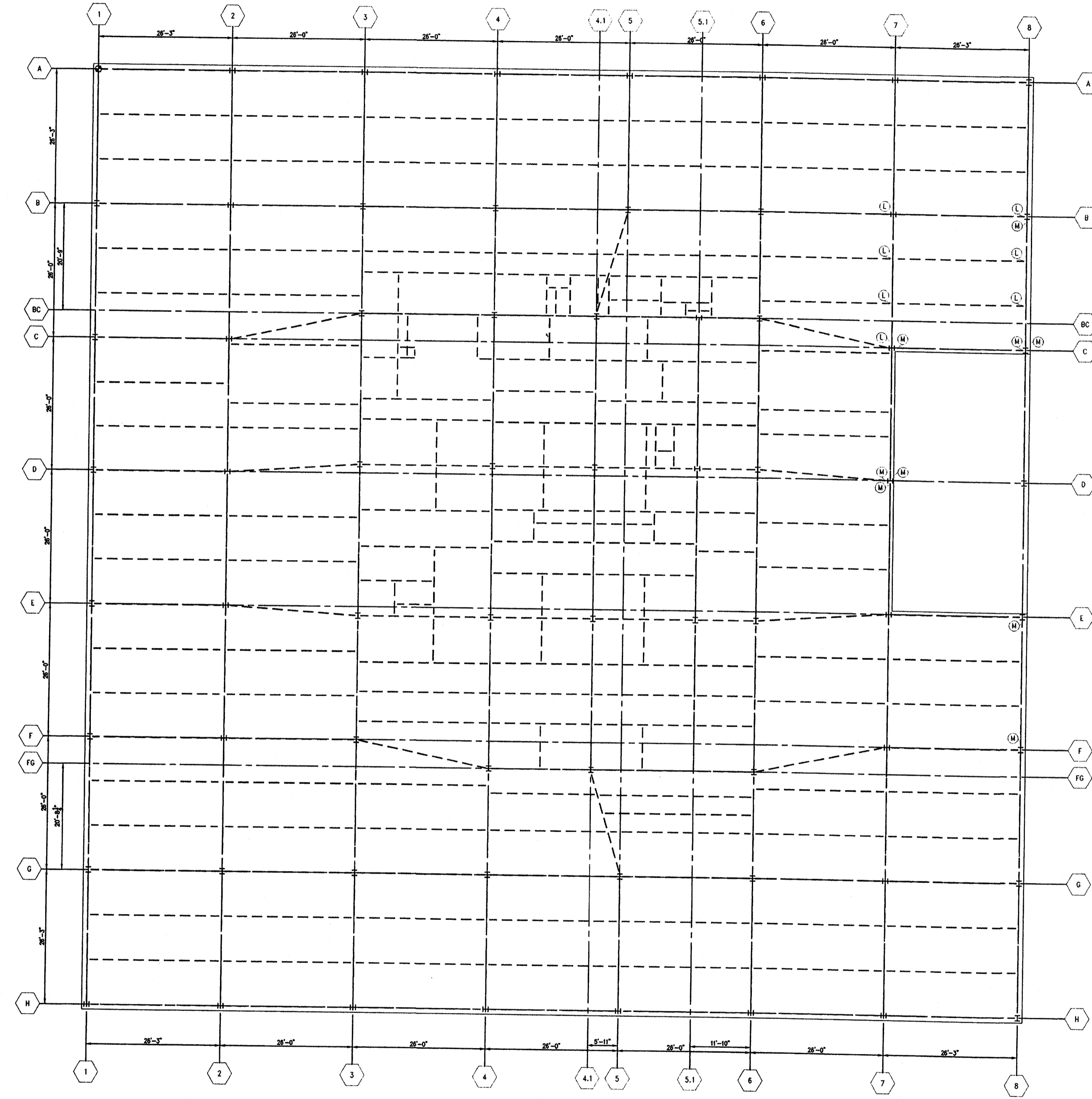


NOTE:  
1. FOR NOTES AND LEGEND SEE DRAWING SC-4

AutoCAD File: \\11cadp\projects\130Liberty\10thFloor\10thFloor.dwg Plotted at: Tue Jun 04 10:45:08 AM 2008

 <b>WSP GROUP</b> <small>A WSP GROUP COMPANY</small>		<b>QANTOR BIRNAC GROUP, INC.</b> <small>CONSULTING ENGINEERS</small> <small>132 EAST 60th STREET</small> <small>NEW YORK, NEW YORK 10017</small>
<b>PROJECT</b> 130 LIBERTY STREET NEW YORK, NEW YORK		
<b>SHEET TITLE</b> 10 <sup>TH</sup> FLOOR MOMENT CONNECTION AND LEVEL SURVEY DRAWING		
<b>DRAWN BY</b> CAD	<b>JOB NUMBER</b>  	
<b>CHECKED BY</b>  	<b>DWG NUMBER</b> SC-10	
<b>SCALE</b>  	<b>DATE</b>  	

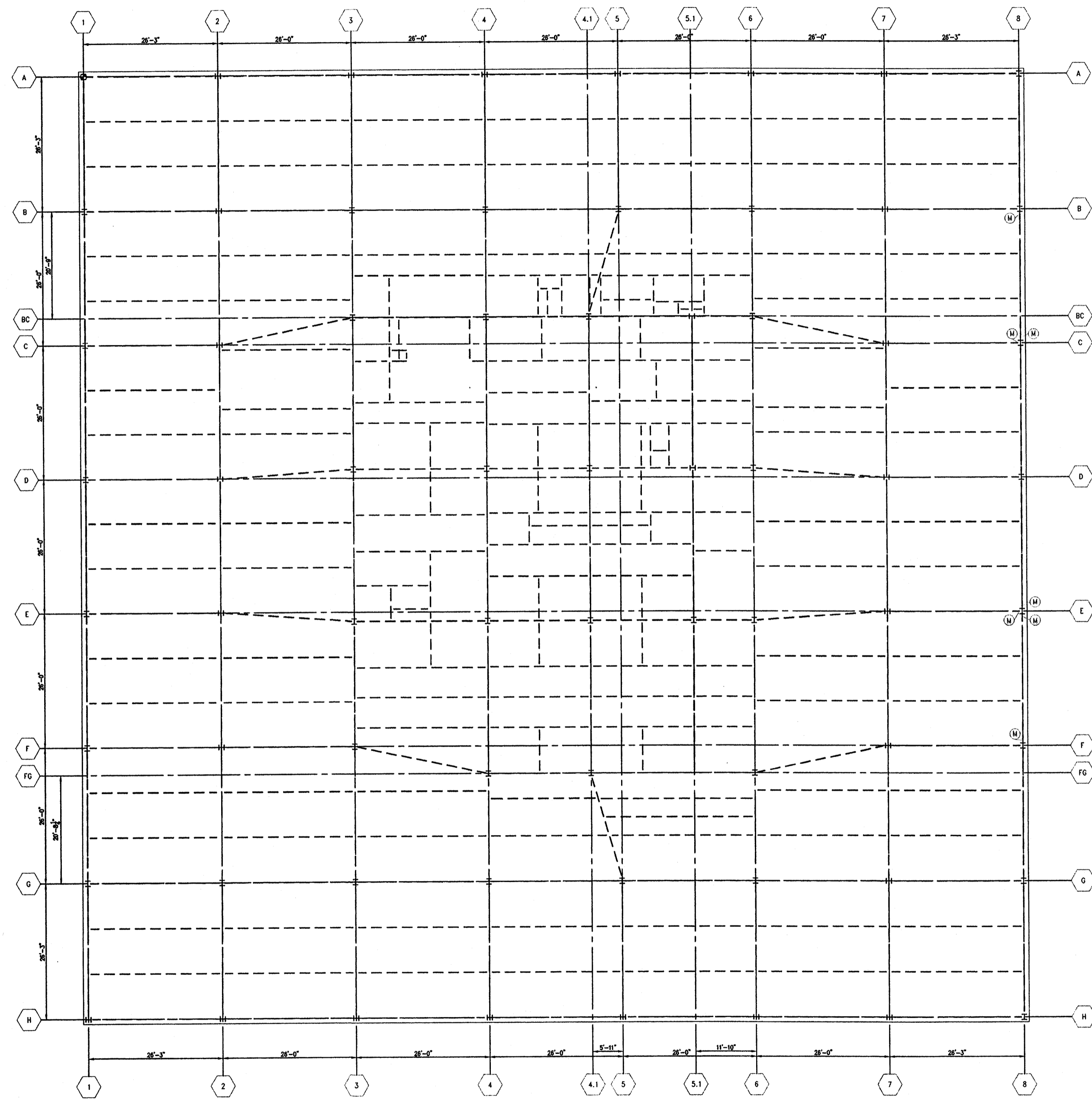
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NOTE:  
1 FOR NOTES AND LEGEND SEE DRAWING SC-4




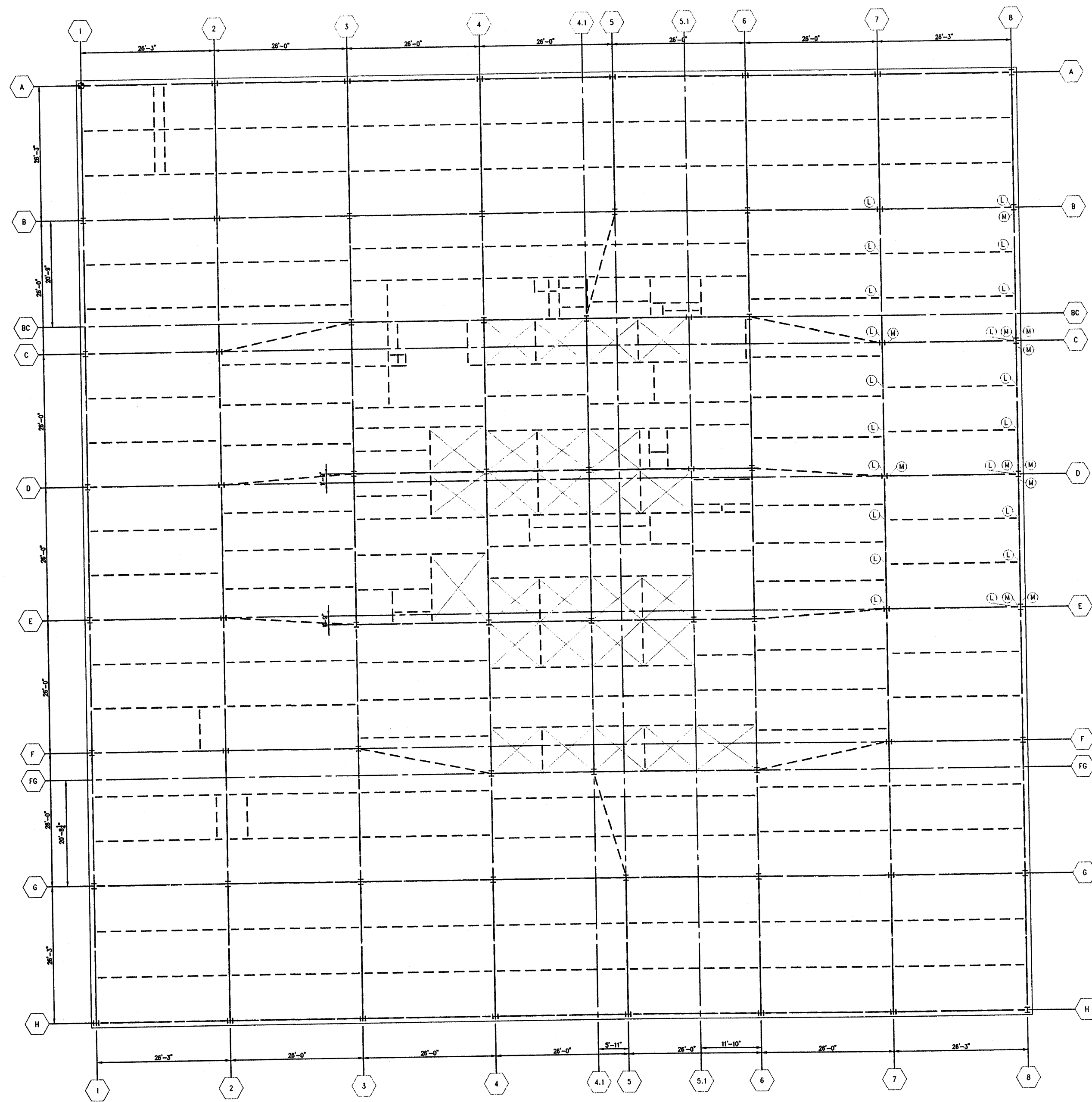
PROJECT	130 LIBERTY STREET NEW YORK, NEW YORK		
SHEET TITLE	9TH FLOOR MOMENT CONNECTION AND LEVEL SURVEY DRAWING		
DRAWN BY	CAD	JOB NUMBER	
CHECKED BY			
SCALE		DWG NUMBER	
DATE			SC-9



NOTE:  
1 FOR NOTES AND LEGEND SEE DRAWING SC-4


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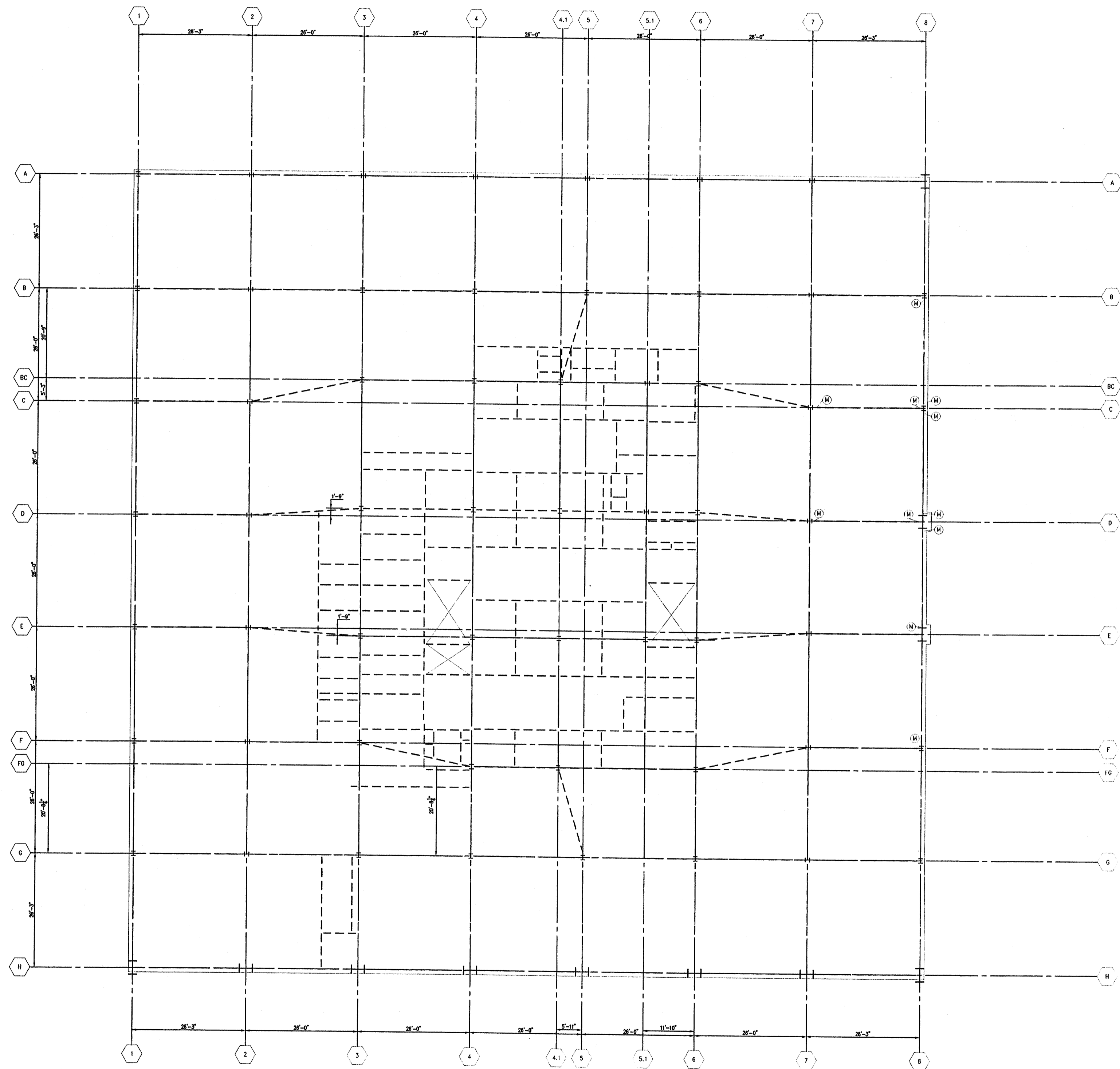
 <b>LWSPCS</b>		CANTOR BERKAT GROUP, INC. CONSULTING ENGINEERS 130 EAST 10TH STREET NEW YORK, NEW YORK 10017
PROJECT <b>130 LIBERTY STREET</b> NEW YORK, NEW YORK		
SHEET TITLE <b>8TH FLOOR MOMENT CONNECTION          AND LEVEL SURVEY DRAWING</b>		
DRAWN BY _____	CAD	JOB NUMBER _____
CHECKED BY _____		
SCALE _____		DWG NUMBER <b>SC-8</b>
DATE _____		



NOTE:  
1. FOR NOTES AND LEGEND SEE DRAWING SC-4

C:\Users\jacob.flin\Documents\130 Liberty Street\7th Floor\7th Floor.dwg Plotter at: Tue Jan 29 10:01:01 2002

 <b>WSPGS</b>		CANTOR BERKUS GROUP, INC. CONSULTING ENGINEERS 228 East 40th Street NEW YORK, NEW YORK 10017
PROJECT <b>130 LIBERTY STREET</b> NEW YORK, NEW YORK		
SHEET TITLE <b>7TH FLOOR MOMENT CONNECTION          AND LEVEL SURVEY DRAWING</b>		
DRAWN BY	CAD	JOB NUMBER
CHECKED BY		
SCALE		DWG NUMBER
DATE		SC-7



NOTE:  
1. FOR NOTES AND LEGEND SEE DRAWING SC-4

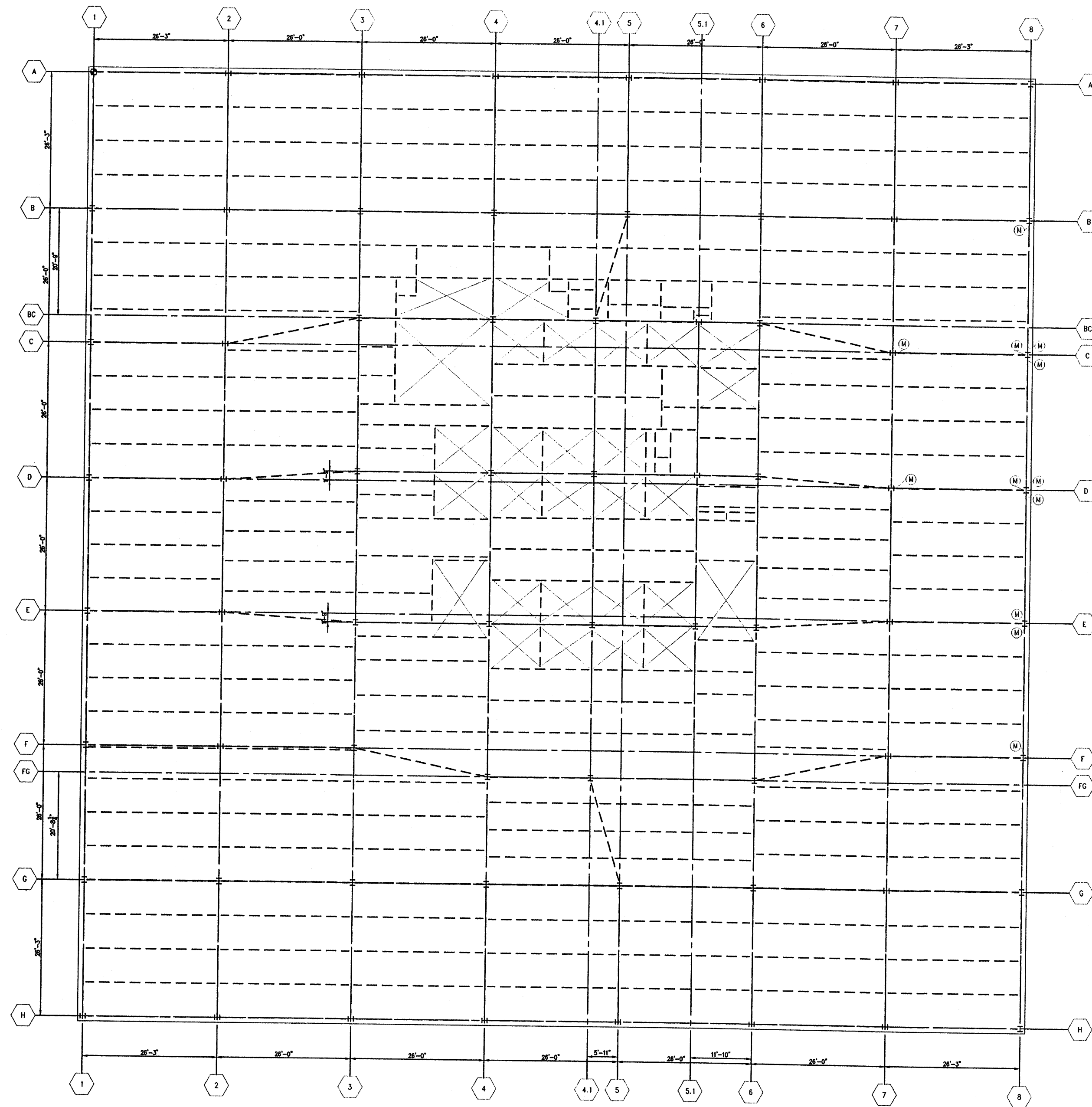


PROJECT  
130 LIBERTY STREET  
NEW YORK, NEW YORK

SHEET TITLE  
6<sup>TH</sup> FLOOR MOMENT CONNECTION  
AND LEVEL SURVEY DRAWING

DRAWN BY	CAD	JOB NUMBER
CHECKED BY		
SCALE		DWG NUMBER
DATE		SC-6



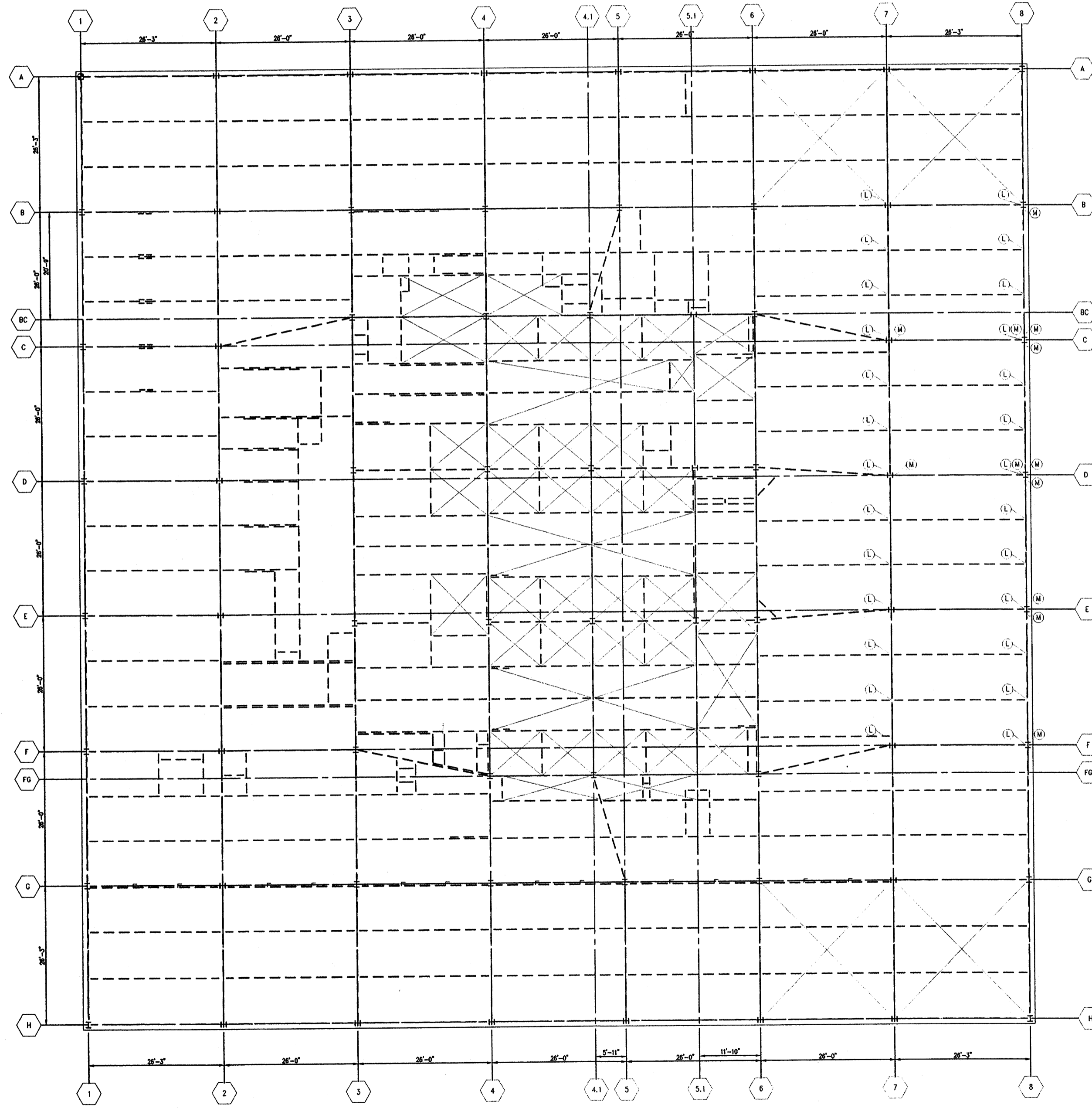


NOTE:  
 1. FOR NOTES AND LEGEND SEE DRAWING SC-4

WSP-511a 1:1000 Project: 130 Liberty Street, New York, NY 10017 Date: 12/18/08



PROJECT	130 LIBERTY STREET NEW YORK, NEW YORK	
SHEET TITLE	5 <sup>TH</sup> FLOOR MOMENT CONNECTION AND LEVEL SURVEY DRAWING	
DRAWN BY	CAD	JOB NUMBER
CHECKED BY		
SCALE		DWG NUMBER
DATE		SC-5




**NOTES:**

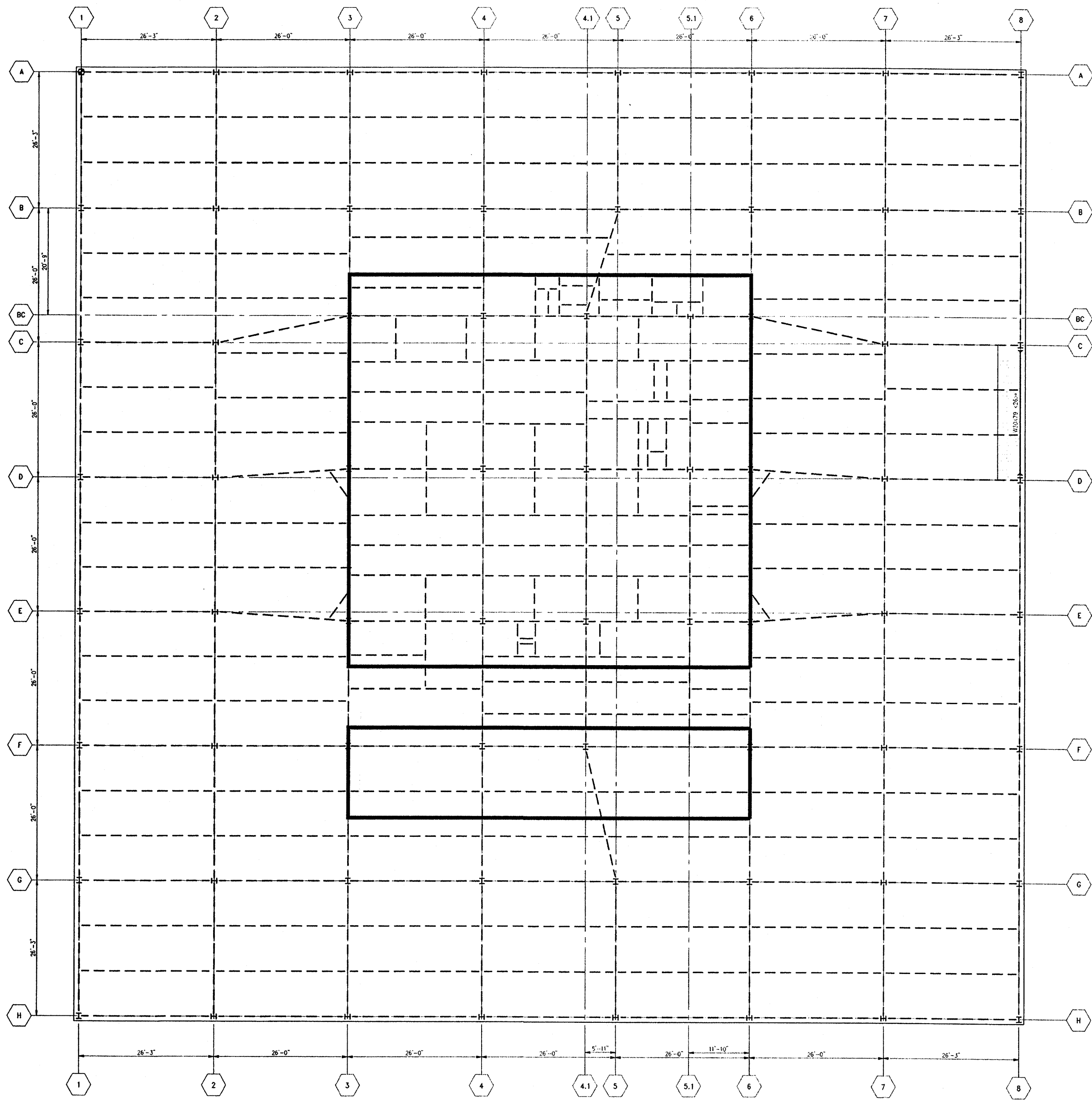
- ALL SURVEY WORK IS TO BE CARRIED OUT BY A LICENSED SURVEYOR IN A SAFE MANNER AND IN ACCORDANCE WITH OSHA REGULATIONS.
- ELEVATION LEVELS ARE TO BE TAKEN ON THE EXISTING CONCRETE SLAB. THE SLAB IS TO BE CLEAN OF DEBRIS AND AVOID AREAS WHERE THE SURFACE HAS BEEN DAMAGED. LOCATIONS ARE TO BE IDENTIFIED OVER STEEL FLOOR BEAMS.
- MOMENT CONNECTIONS ARE TO BE EXPOSED TO ALLOW INSPECTION BY SPECIALIST. FIRE PROTECTION IS TO BE REMOVED FROM THE BEAM ENDS FOR THE FULL LENGTH OF THE CONNECTION PLATES. CAREFULLY CUT THE CONCRETE SLAB DIRECTLY OVER THE TOP MOMENT CONNECTION PLATE AND REMOVE STEEL. CAREFULLY REMOVE ALL CLADDING AND SHEET PILING COVERING THE CONNECTION TIME. BRUSH ALL REINFORCING BARS IMMEDIATELY PRIOR TO INSPECTION BY ENGINEER. A MINIMUM 6" VOID TO BE PROVIDED AROUND BEAM TO BE ALLOW ACCESS FOR INSPECTION.

**LEGEND:**

- (L) ELEVATION TO BE TAKEN AT LOCATIONS INDICATED THUS. THESE POSITIONS ARE TO BE DIRECTLY ABOVE FLOOR BEAMS.
- (M) MOMENT CONNECTIONS TO BE CHECKED FOR CRACKS AND DAMAGE USING ULTRA SONIC TECHNIQUES.

Autodesk File: Y:\06\Projects\130Liberty\130Liberty.dwg Plotted At: 10:00 AM on 10/26/2017

 <b>CANTOR BERK GROUP, INC.</b> <small>CONSULTING ENGINEERS</small> <small>228 East 45th Street</small> <small>NEW YORK, NEW YORK 10017</small>	
<b>PROJECT</b> 130 LIBERTY STREET NEW YORK, NEW YORK	
<b>SHEET TITLE</b> 4 <sup>TH</sup> FLOOR MOMENT CONNECTION AND LEVEL SURVEY DRAWING	
<b>DRAWN BY</b> CAD	<b>JOB NUMBER</b> _____
<b>CHECKED BY</b> _____	<b>DWG NUMBER</b> SC-4
<b>SCALE</b> _____	<b>DATE</b> _____



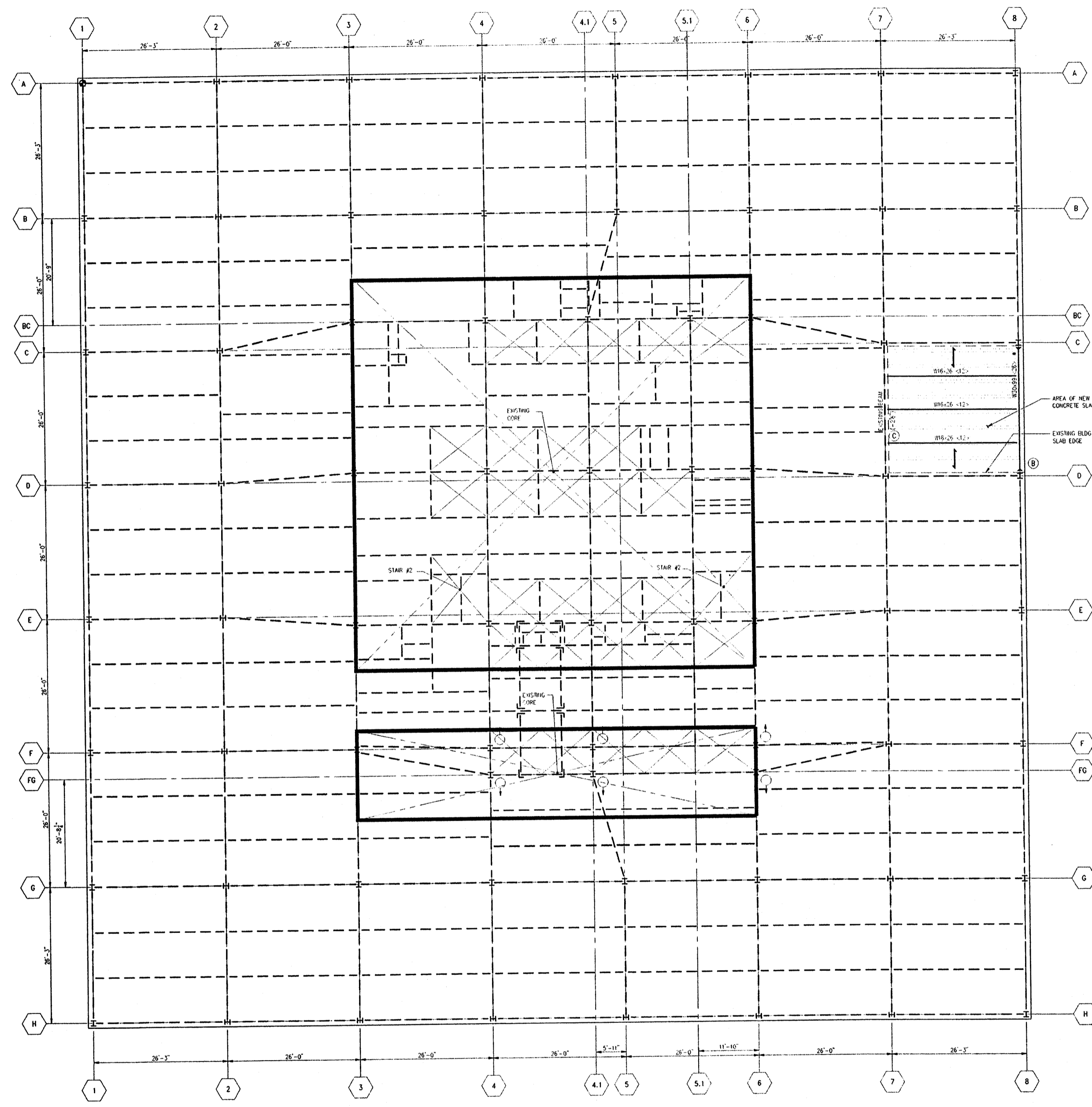
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 10/10/02

BID PACKAGE 01/10/02



PROJECT  
 130 LIBERTY STREET  
 NEW YORK, NEW YORK  
 SHEET TITLE  
 24<sup>TH</sup> FLOOR FRAMING PLAN

DRAWN BY	CAD	JOB NUMBER
CHECKED BY		
SCALE		DWG NUMBER
DATE		S-24



NOTE:  
1 FOR NOTES AND LEGEND SEE DRAWING S-8

MAKE FILE: Y:\000000\1000000000\Drawings\23rd Floor\23rd Floor.dwg, Project: 01, New York, NY, 10/10/02

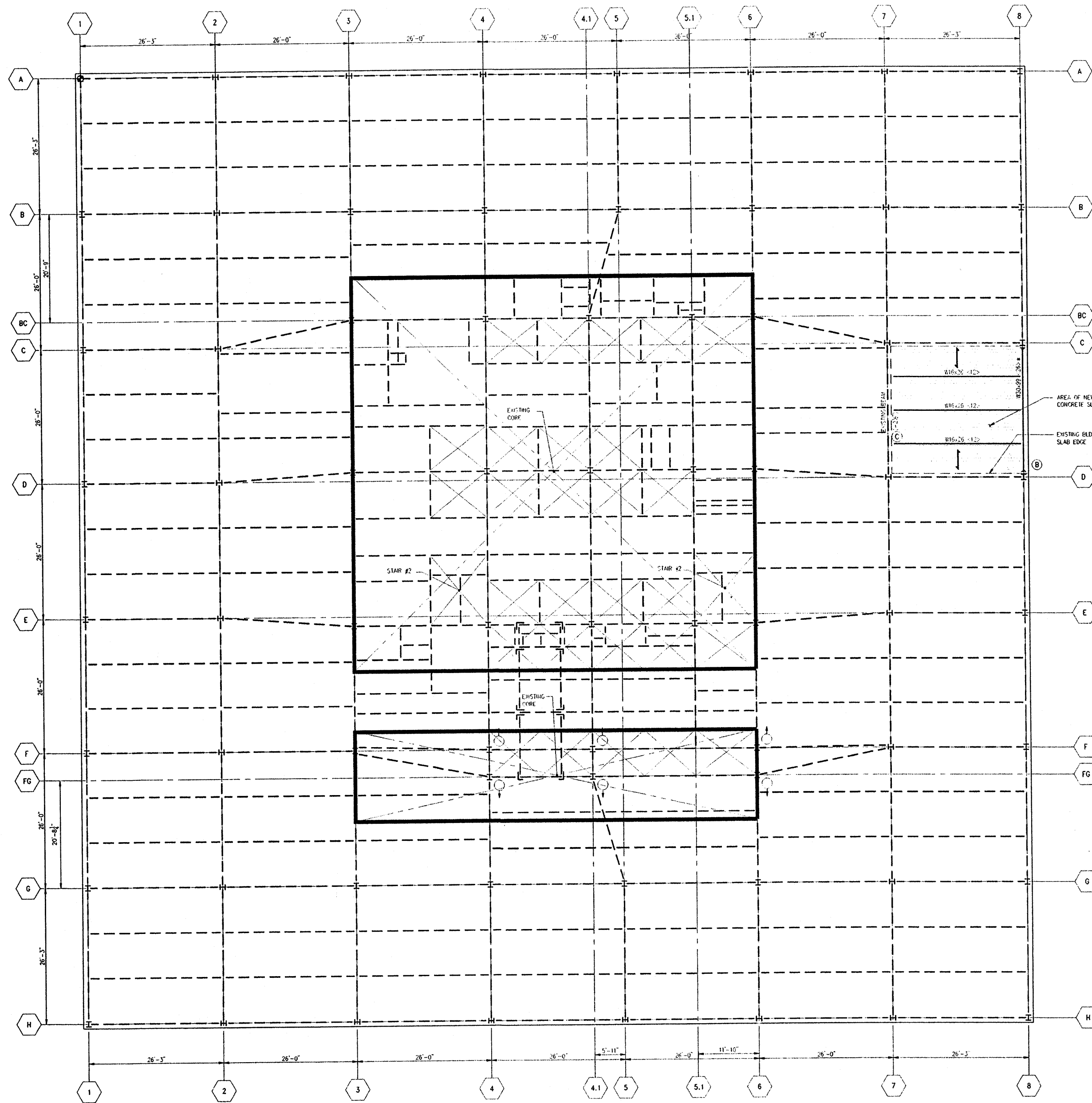
BID PACKAGE 01/10/02



PROJECT  
130 LIBERTY STREET  
NEW YORK, NEW YORK

SHEET TITLE  
23<sup>RD</sup> FLOOR FRAMING PLAN

DRAWN BY CAD	JOB NUMBER
CHECKED BY	
SCALE	DWG NUMBER
DATE	S-23



NOTE:  
1. FOR NOTES AND LEGEND SEE DRAWING S-8

ALL RIGHTS RESERVED BY THE ARCHITECT. NO PART OF THIS DRAWING IS TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT THE WRITTEN PERMISSION OF THE ARCHITECT.

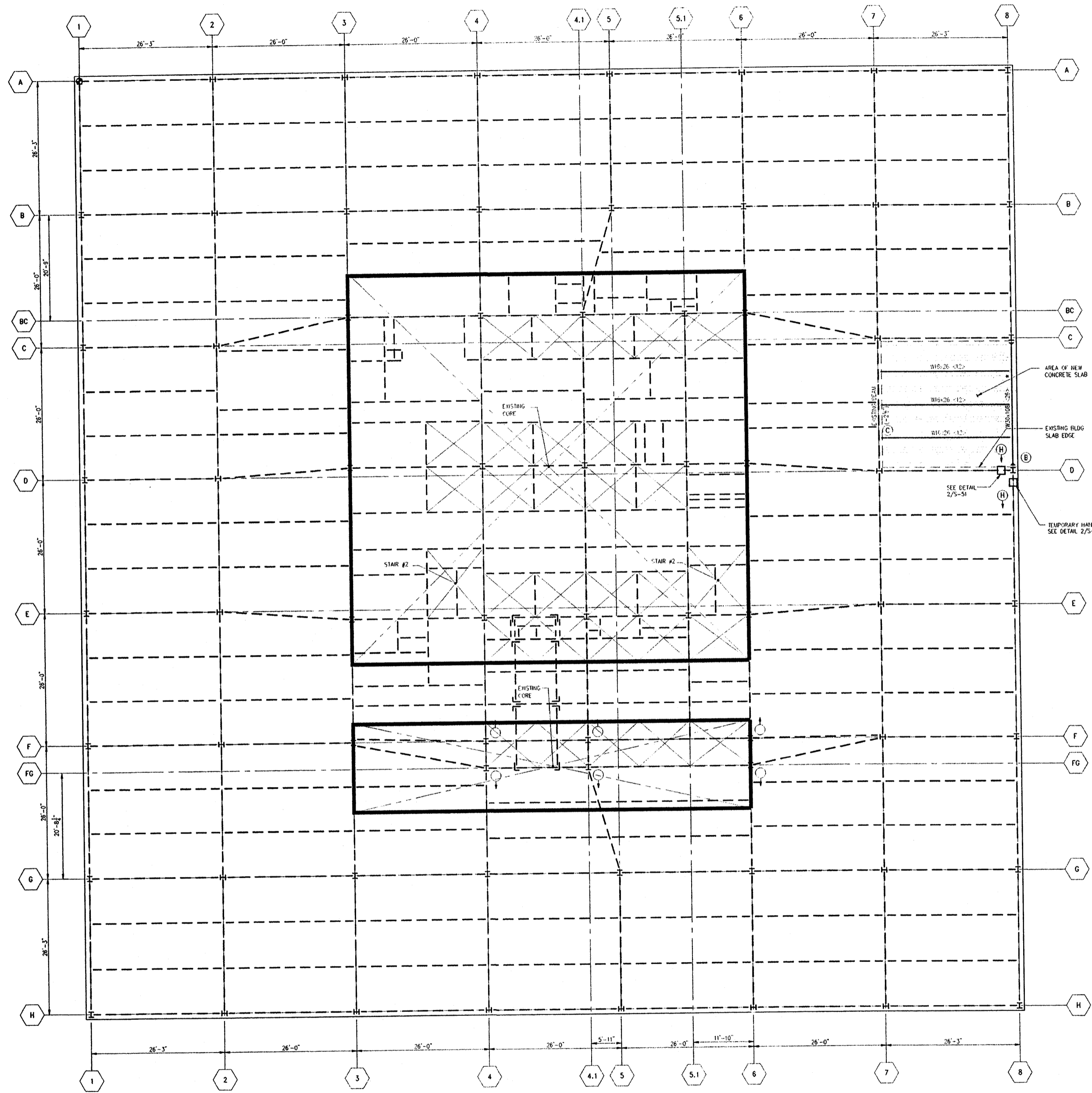
BID PACKAGE 01/10/02



PROJECT  
130 LIBERTY STREET  
NEW YORK, NEW YORK

SHEET TITLE  
22<sup>ND</sup> FLOOR FRAMING PLAN


DRAWN BY	CAD	JOB NUMBER
CHECKED BY		
SCALE		DWG NUMBER
DATE		S-22

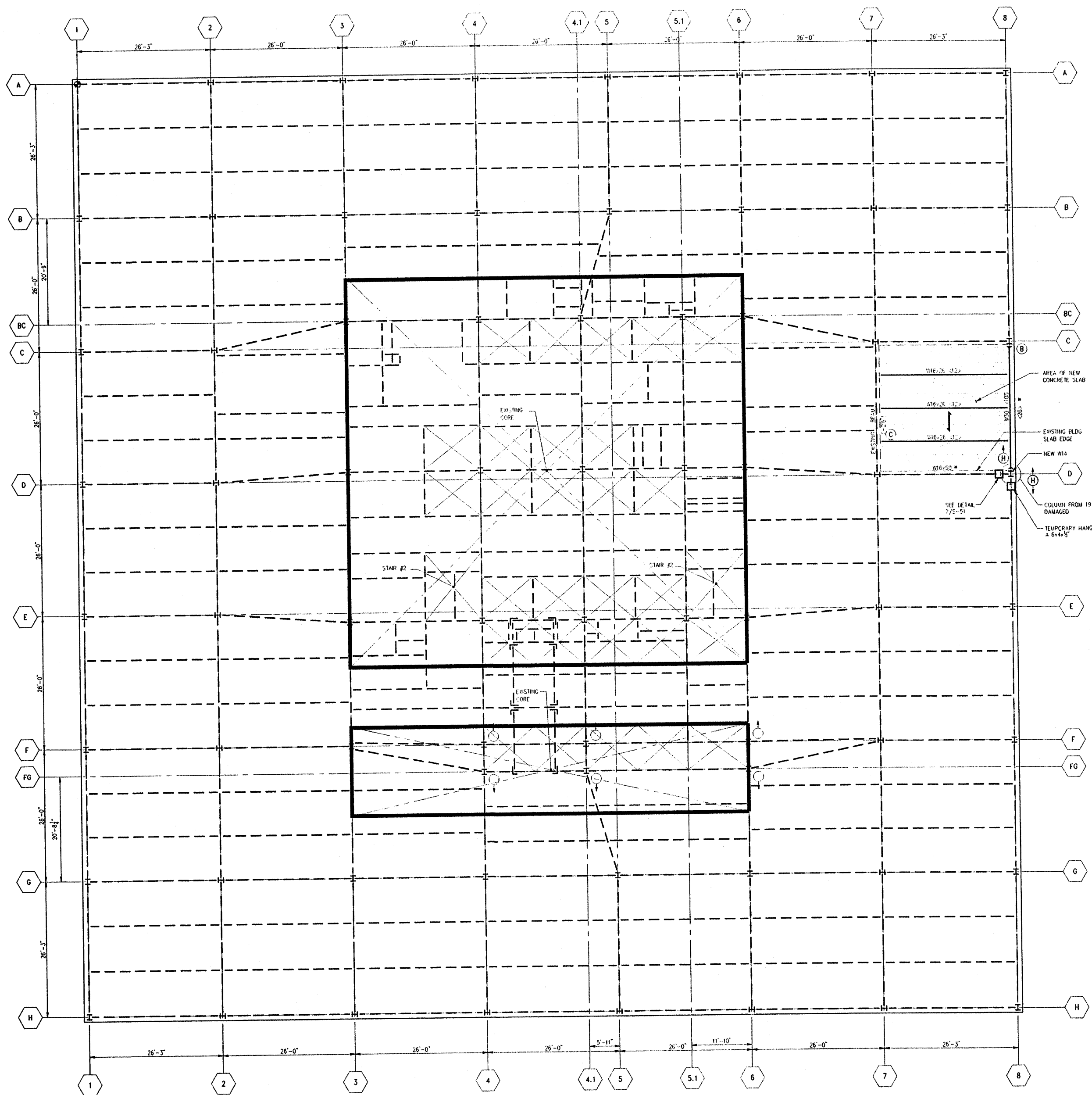


NOTE:  
 1. FOR NOTES AND LEGEND SEE DRAWING S-6

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BID PACKAGE 01/10/02

 CANFOR BRICK GROUP, INC. CONSULTING ENGINEERS 228 East 45th Street NEW YORK, NEW YORK 10017	
PROJECT <b>130 LIBERTY STREET</b> NEW YORK, NEW YORK	
SHEET TITLE <b>21<sup>ST</sup> FLOOR FRAMING PLAN</b>	
DRAWN BY CAD	JOB NUMBER
CHECKED BY	DWG NUMBER
SCALE	DATE
S-21	



NOTE:  
 1. FOR NOTES AND LEGEND SEE DRAWING S-18

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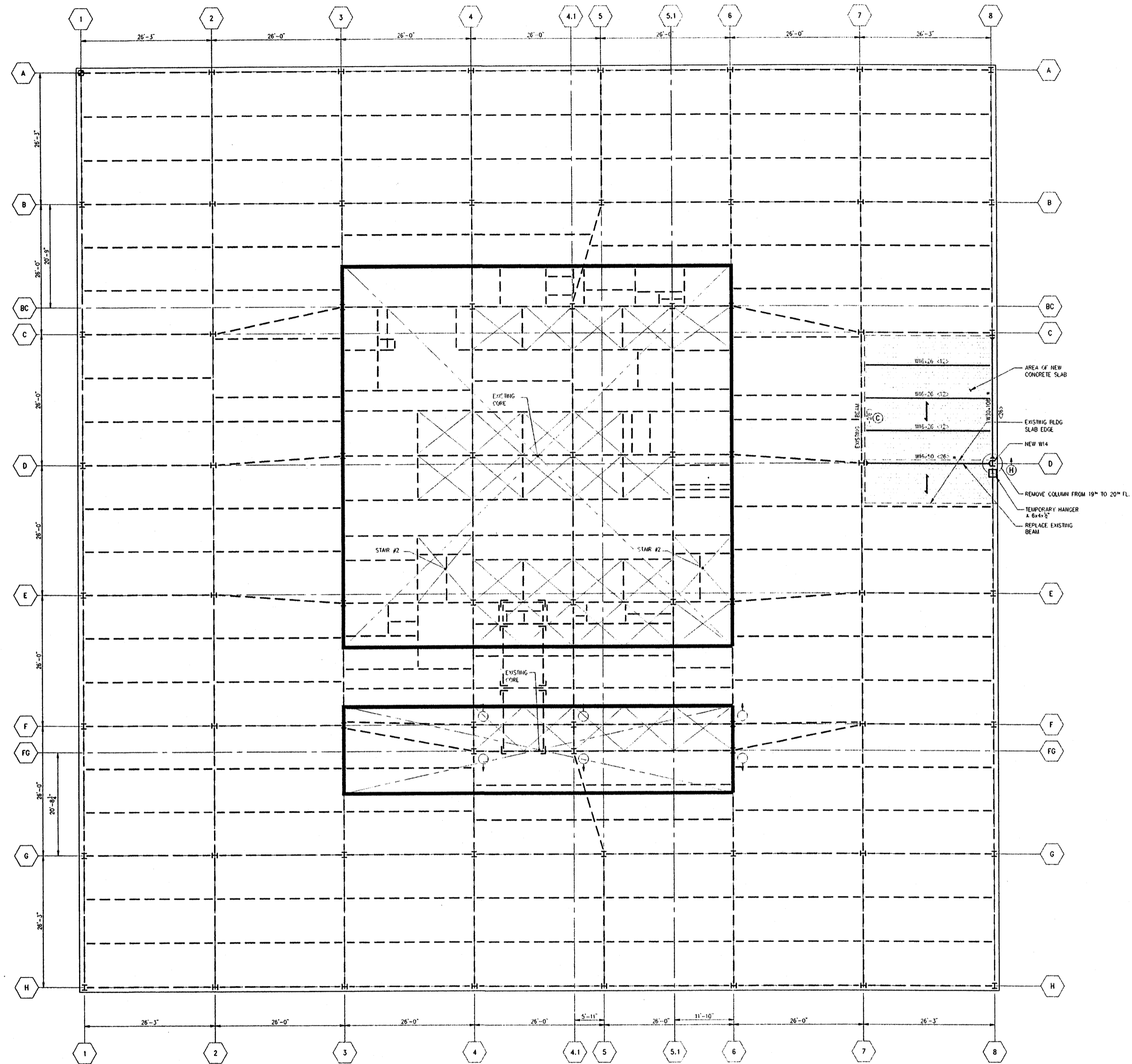
BID PACKAGE 01/10/02



PROJECT  
 130 LIBERTY STREET  
 NEW YORK, NEW YORK

SHEET TITLE  
 20<sup>TH</sup> FLOOR FRAMING PLAN

DRAWN BY	CAD	JOB NUMBER
CHECKED BY		
SCALE		DWG NUMBER
DATE		S-20



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BID PACKAGE 01/10/02



PROJECT  
 130 LIBERTY STREET  
 NEW YORK, NEW YORK

SHEET TITLE  
 19<sup>TH</sup> FLOOR FRAMING PLAN

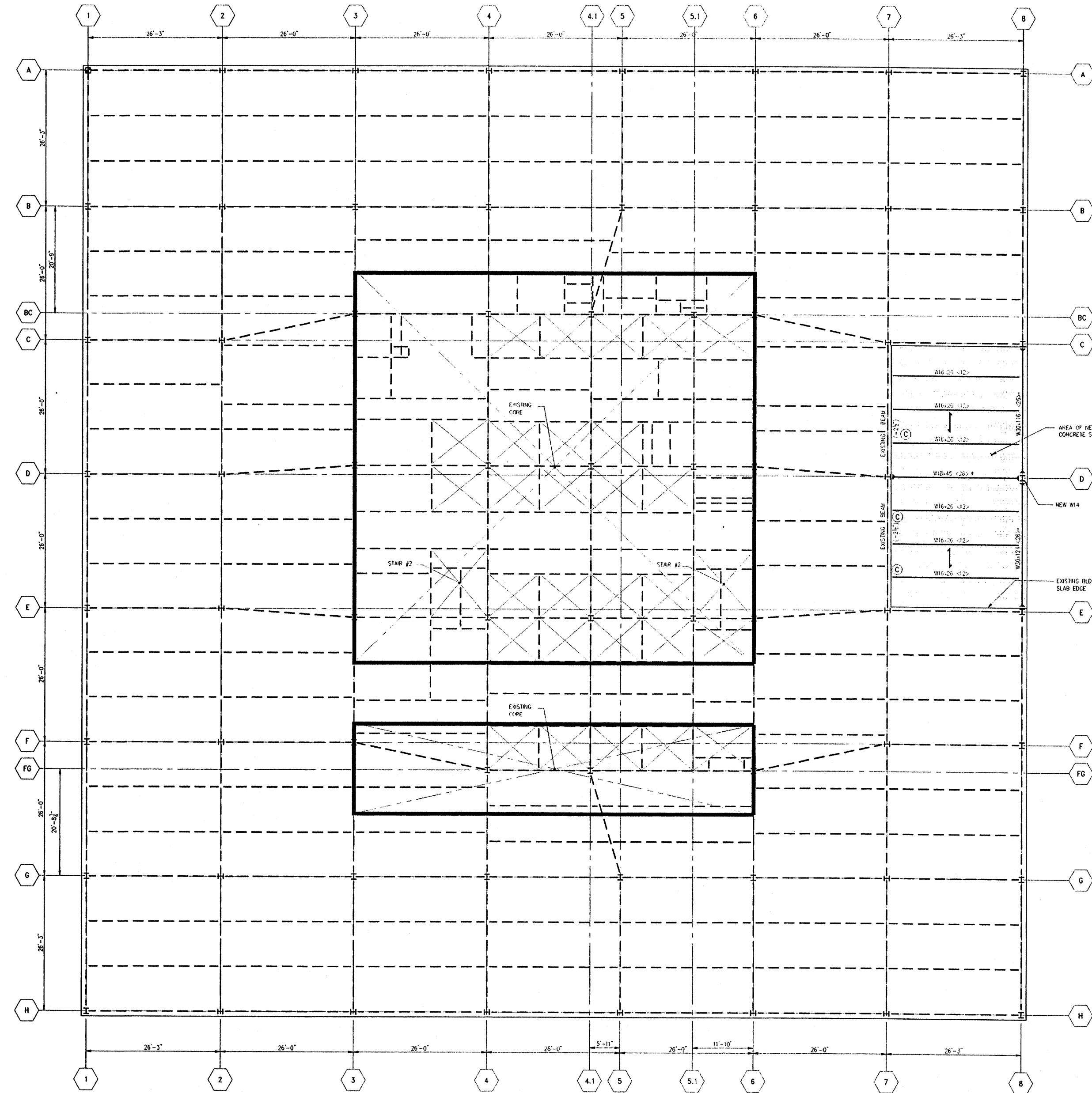
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CHECKED BY \_\_\_\_\_

SCALE \_\_\_\_\_ DWG NUMBER

DATE \_\_\_\_\_ S-19





NOTE:  
 1 FOR NOTES AND LEGEND SEE DRAWING S-6

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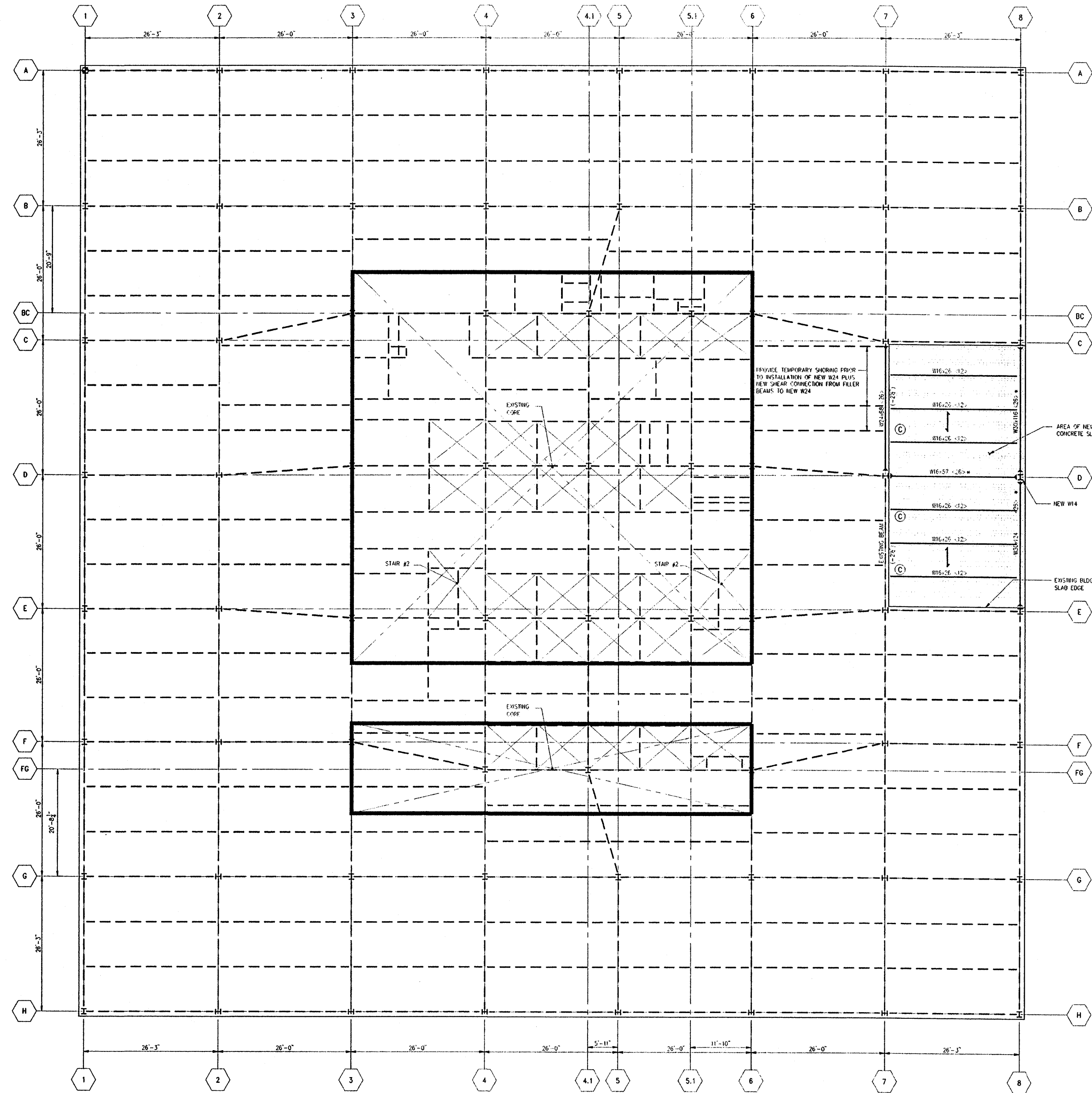
BID PACKAGE 01/10/02



PROJECT  
 130 LIBERTY STREET  
 NEW YORK, NEW YORK

SHEET TITLE  
 18<sup>TH</sup> FLOOR FRAMING PLAN

DRAWN BY	CAD	JOB NUMBER
CHECKED BY		
SCALE		DWG NUMBER
DATE		S-18



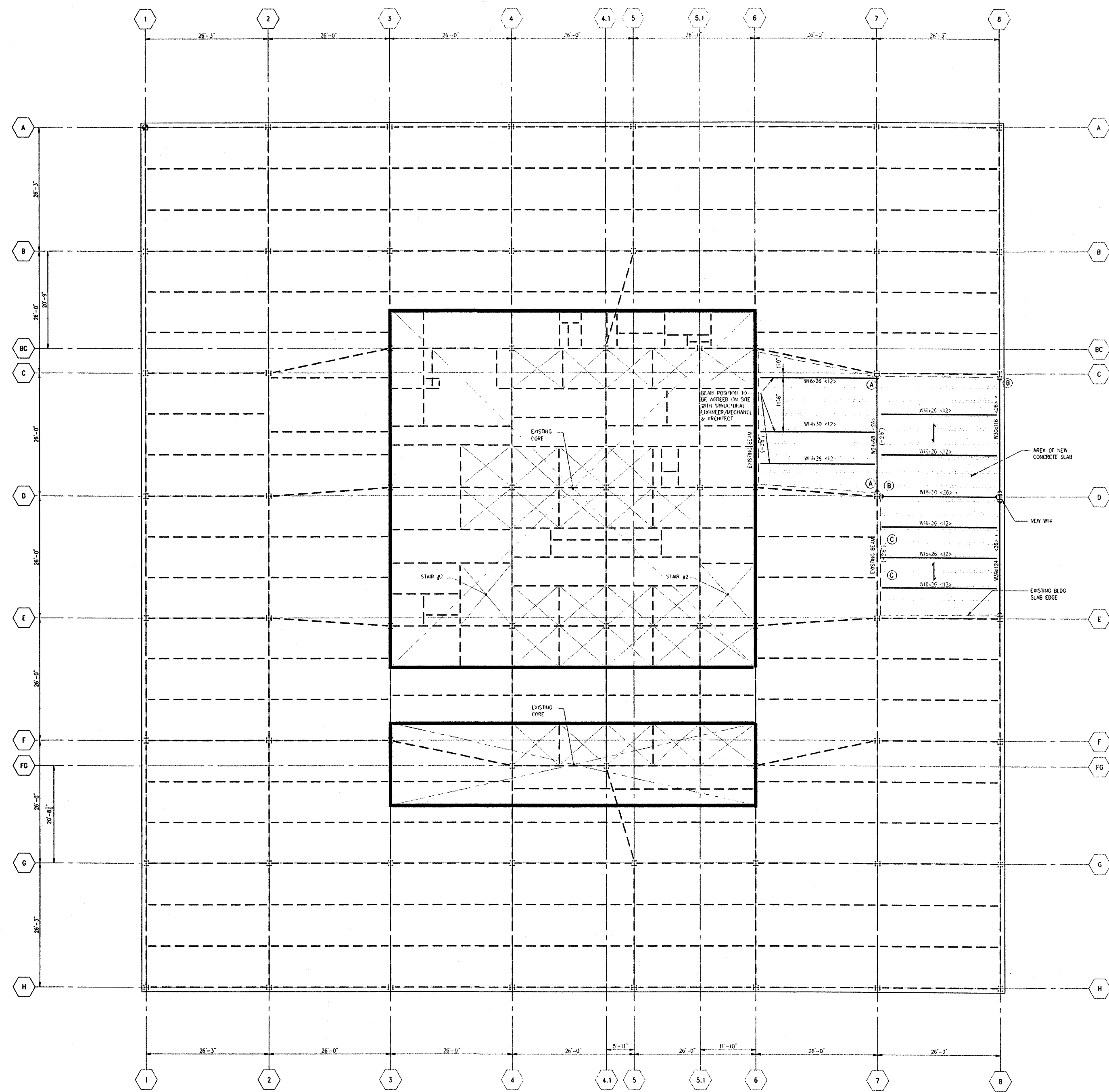
NOTE:  
1. FOR NOTES AND LEGEND SEE DRAWING S-8

REVISED 11/10/02 BY: T. GARDNER (10/20/02) FOR: 130 LIBERTY STREET, NEW YORK, NY 10038, DATE: 11/10/02

BID PACKAGE 01/10/02



PROJECT		130 LIBERTY STREET NEW YORK, NEW YORK	
SHEET TITLE		17 <sup>TH</sup> FLOOR FRAMING PLAN	
DRAWN BY	CAD	JOB NUMBER	
CHECKED BY			
SCALE		DWG NUMBER	
DATE			S-17



NOTE:  
1 FOR NOTES AND LEGEND SEE DRAWING S-8

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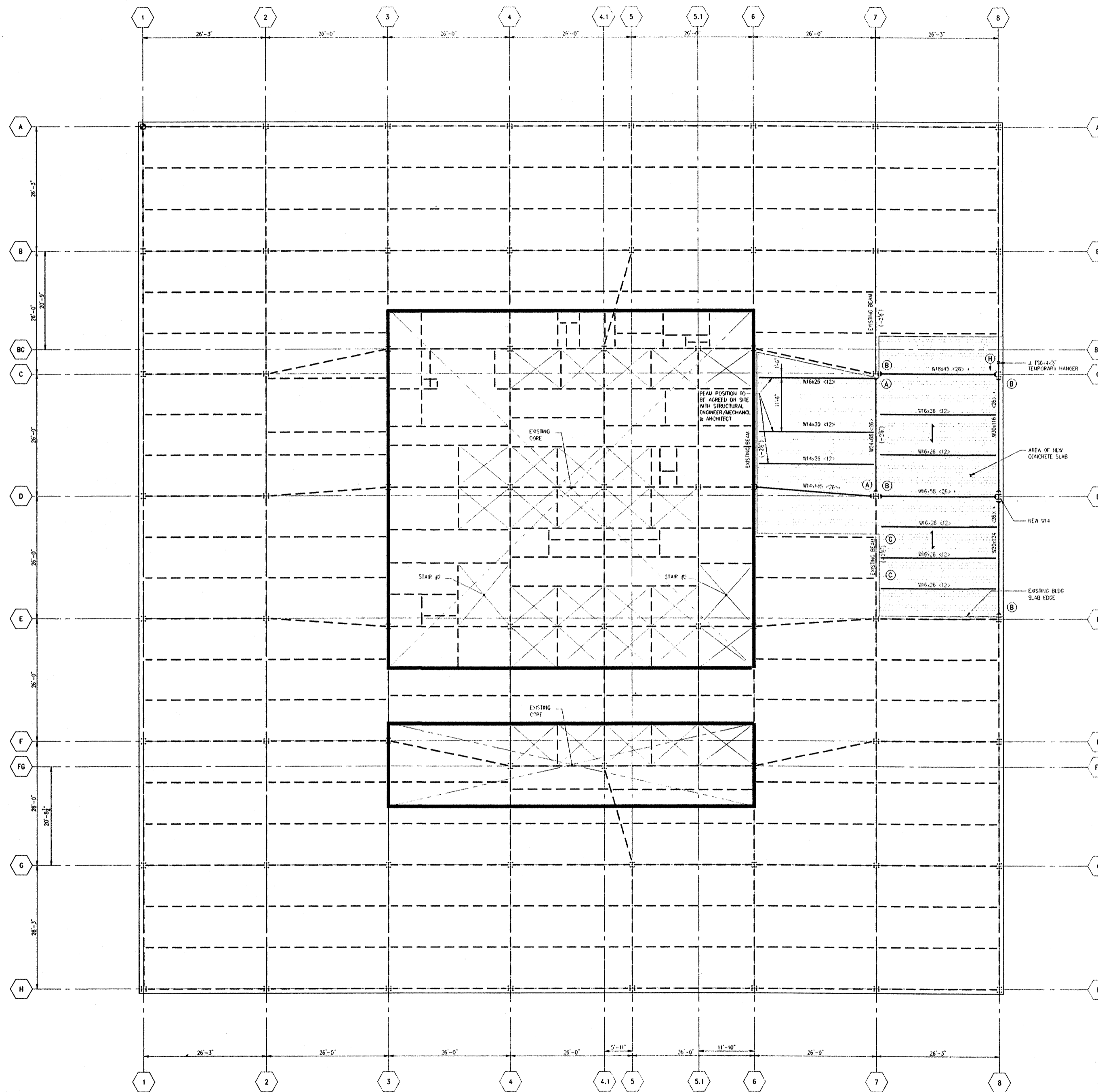
BID PACKAGE 01/10/02



PROJECT  
130 LIBERTY STREET  
NEW YORK, NEW YORK

SHEET TITLE  
16<sup>TH</sup> FLOOR FRAMING PLAN

DRAWN BY	CAD	JOB NUMBER
CHECKED BY		
SCALE		DWG NUMBER
DATE		S-16



NOTE:  
1 FOR HOLES AND LEGEND SEE DRAWING S-R

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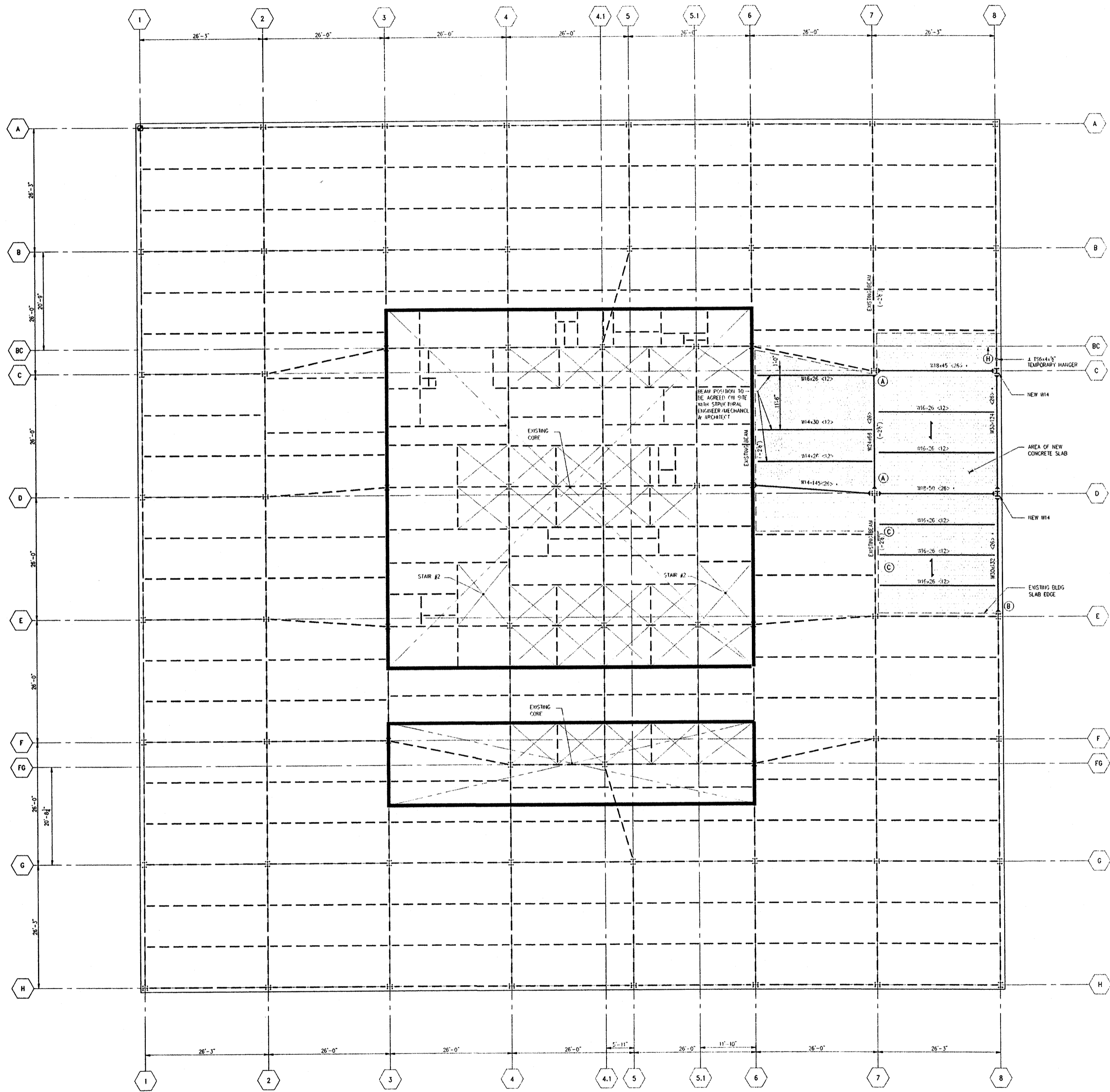
BID PACKAGE 01/10/02



PROJECT  
130 LIBERTY STREET  
NEW YORK, NEW YORK

SHEET TITLE  
15<sup>TH</sup> FLOOR FRAMING PLAN

DRAWN BY	CAD	JOB NUMBER
CHECKED BY		
SCALE		DWG NUMBER
DATE		S-15



NOTE:  
1. FOR NOTES AND LEGEND SEE DRAWING S-8.

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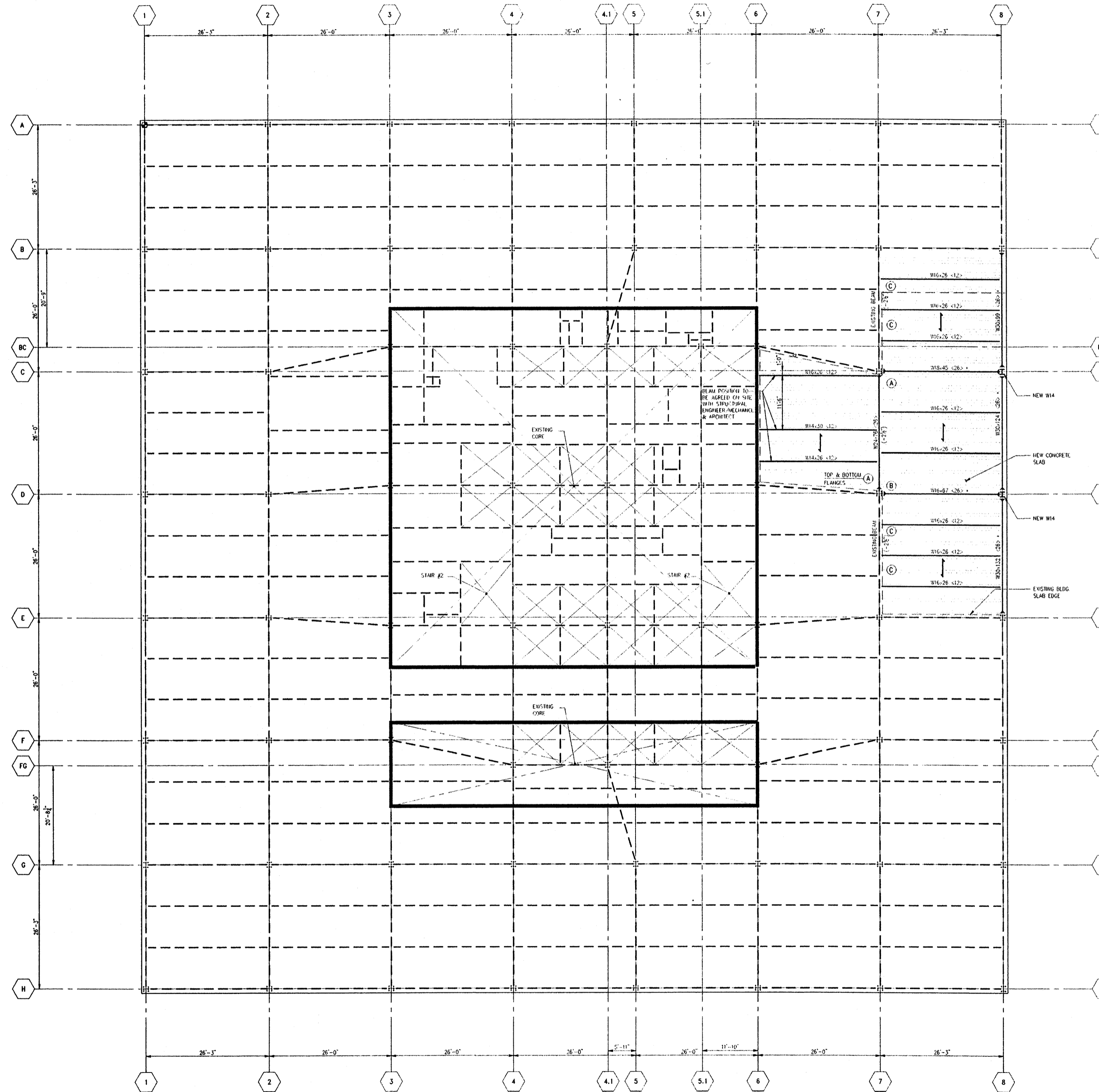
BID PACKAGE 01/10/02



PROJECT  
130 LIBERTY STREET  
NEW YORK, NEW YORK

SHEET TITLE  
14<sup>TH</sup> FLOOR FRAMING PLAN

DRAWN BY	CAD	JOB NUMBER
CHECKED BY		
SCALE		DWG NUMBER
DATE		S-14



NOTE:  
1. FOR NOTES AND LEGEND SEE DRAWING S-8

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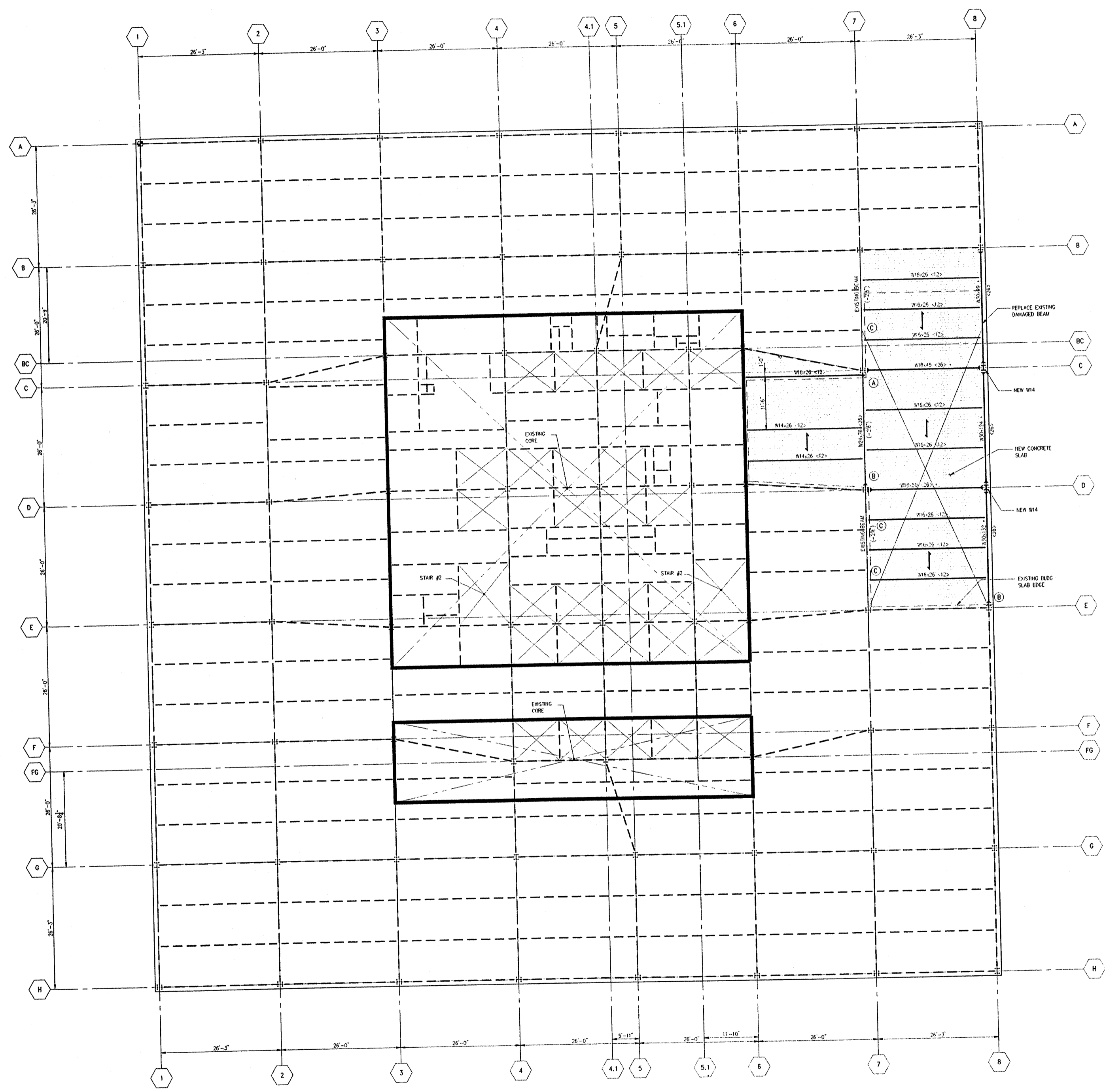
BID PACKAGE 01/10/02

**WSP** **GS** CANTOR BERKUS GROUP, INC.  
CONSULTING ENGINEERS  
220 EAST 43RD STREET  
NEW YORK, NEW YORK 10017

PROJECT  
130 LIBERTY STREET  
NEW YORK, NEW YORK

SHEET TITLE  
12<sup>TH</sup> FLOOR FRAMING PLAN

DRAWN BY: CAD      JOB NUMBER  
CHECKED BY:      DATE  
SCALE:      DWG NUMBER  
DATE:      S-12



NOTE:  
 1. FOR NOTES AND LEGEND SEE DRAWING S-8

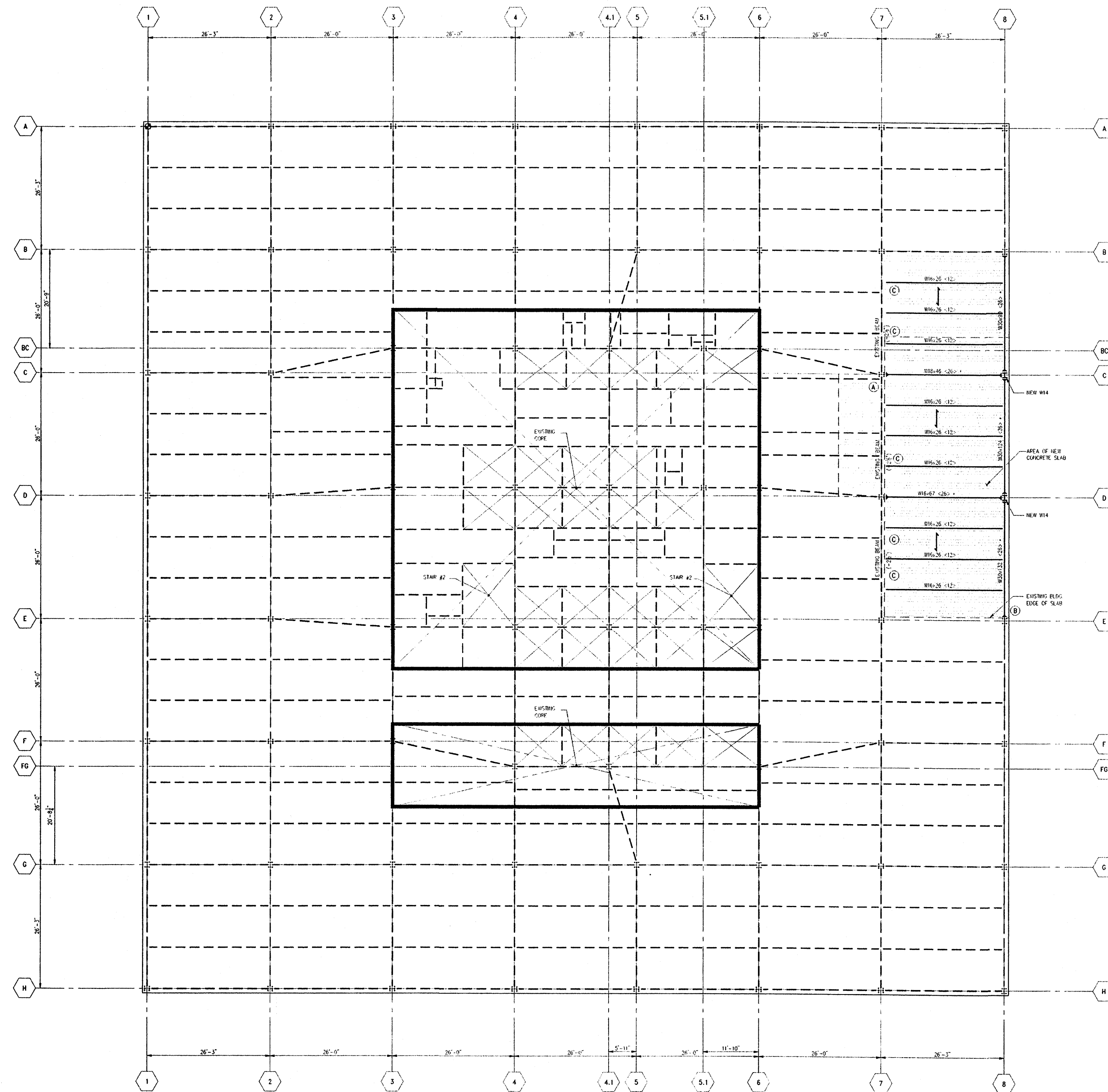
BID PACKAGE 01/10/02



PROJECT  
 130 LIBERTY STREET  
 NEW YORK, NEW YORK

SHEET TITLE  
 11<sup>TH</sup> FLOOR FRAMING PLAN

DRAWN BY	CAD	JOB NUMBER
CHECKED BY		
SCALE		DWG NUMBER
DATE		S-11



WSP GROUP, INC. 11000 110TH STREET, NEW YORK, NY 10017  
 PROJECT: 130 LIBERTY STREET, NEW YORK, NY 10017  
 SHEET: 10TH FLOOR FRAMING PLAN  
 DATE: JAN 10 11 11 11 11

NOTE:  
1. FOR NOTES AND LEGEND SEE DRAWING S-9

BID PACKAGE 01/10/02

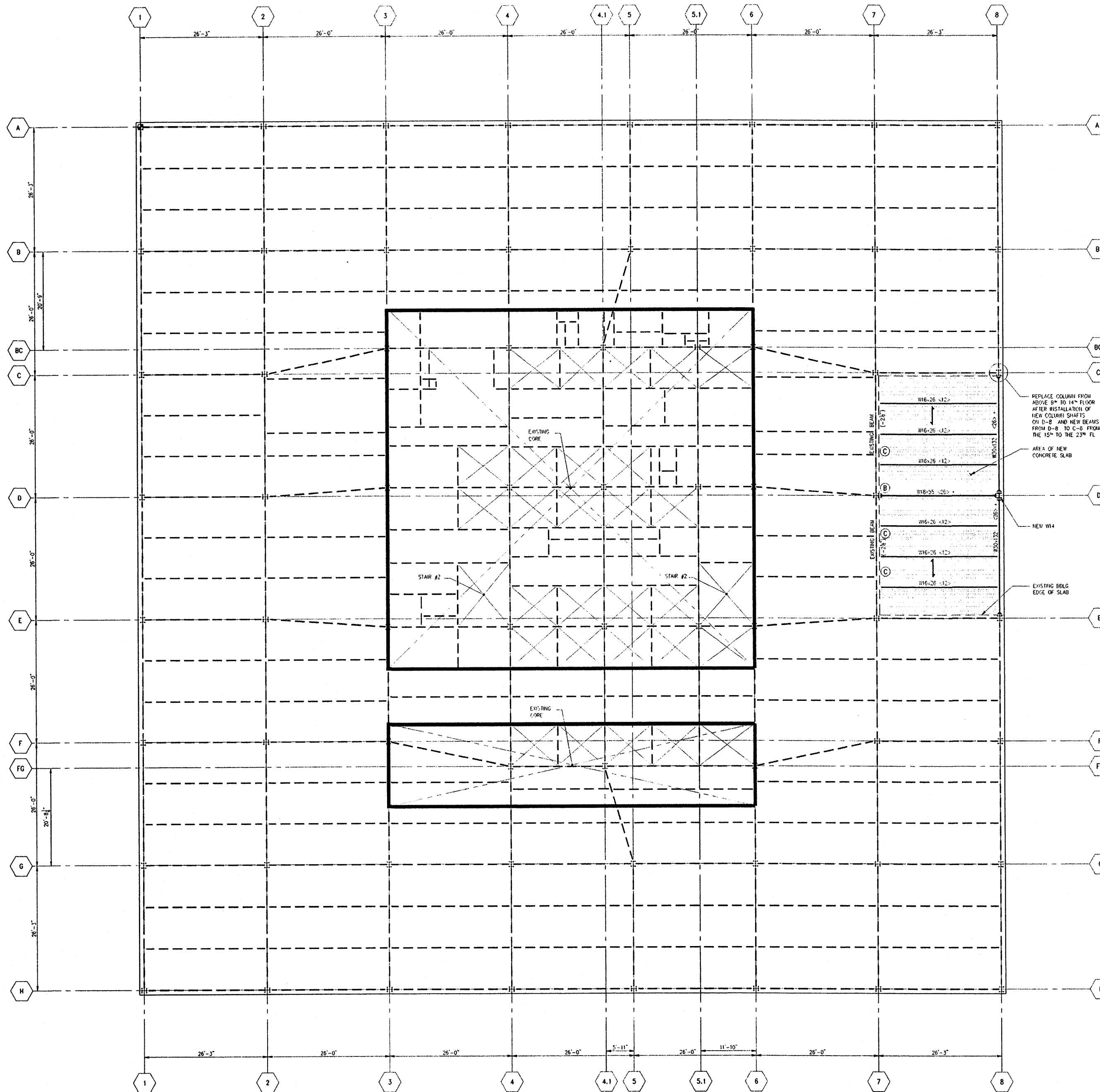


PROJECT  
130 LIBERTY STREET  
NEW YORK, NEW YORK

SHEET TITLE  
10<sup>TH</sup> FLOOR FRAMING PLAN

DRAWN BY	CAD	JOB NUMBER
CHECKED BY		
SCALE		DWG NUMBER
DATE		S-10





NOTE:  
1. FOR NOTES AND LEGEND SEE DRAWING S-8

AutoCAD File: T:\04\Projects\130Liberty\Drawings\Structural\9thFloor\9thFloor.dwg Plot Date: 01/10/02

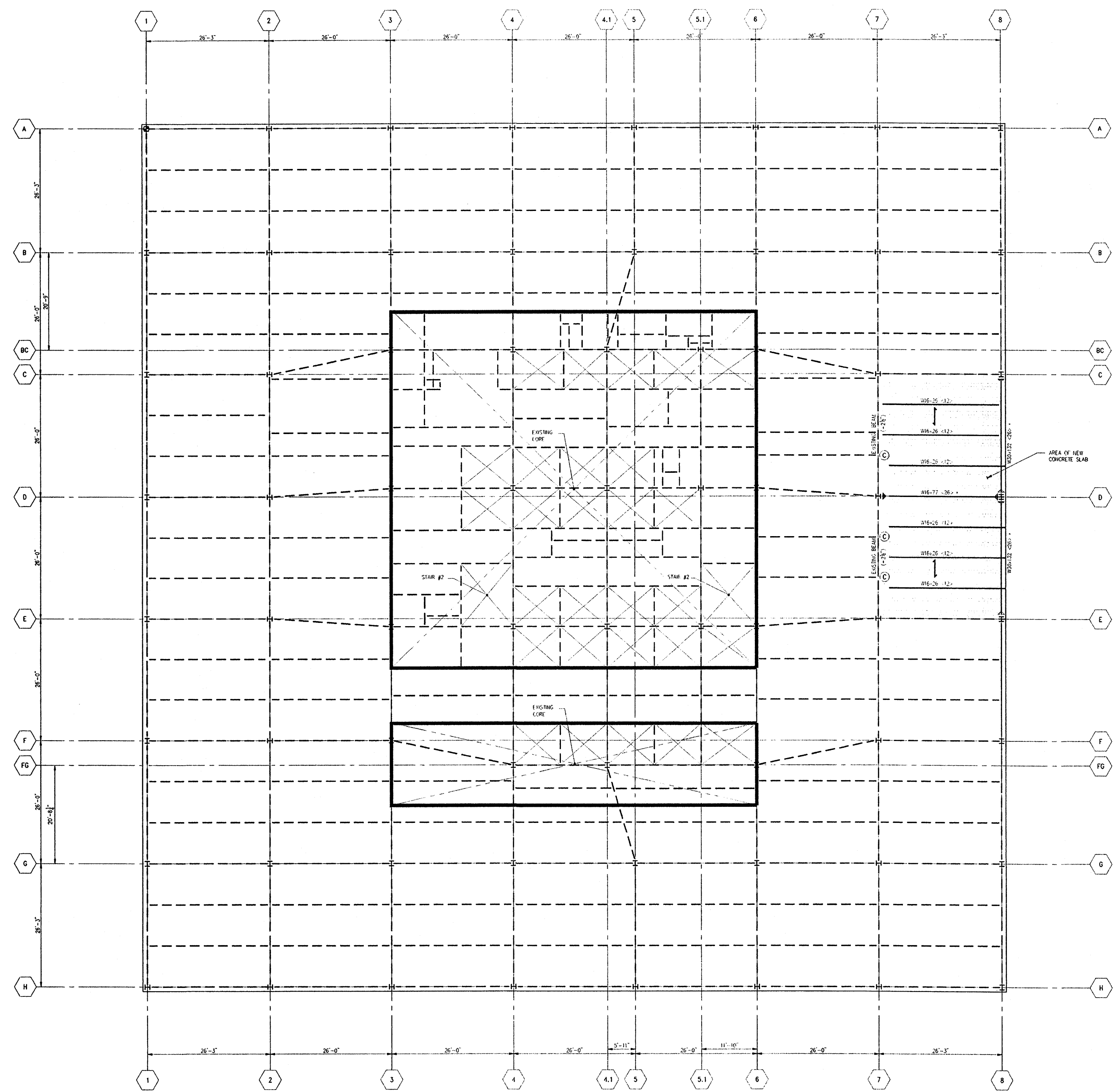
BID PACKAGE 01/10/02



PROJECT  
130 LIBERTY STREET  
NEW YORK, NEW YORK

SHEET TITLE  
9<sup>TH</sup> FLOOR FRAMING PLAN

DRAWN BY	CAD	JOB NUMBER
CHECKED BY		
SCALE		DWG NUMBER
DATE		S-9



- NOTES:**
- 1 TOP OF SLAB ELEVATION TO MATCH EXISTING TOP OF SLAB ELEVATION
  - 2 FLOOR SLAB CONSTRUCTION SHALL BE 20" THICK CONCRETE (11" x 20" x 20" IN PLACE OVER 5" DEEP 18 GAUGE CEILING METAL DECK (WITH 1/2" SLURR DEFLECTORS)) METAL DECK PROFILE SHALL MATCH EXISTING METAL DECK. REINFORCE WITH #4@12" O.C. MIN.
  - 3 ALL BEAMS AND COLUMNS SHALL BE ASTM A-992. WIRE SECTION SHALL BE ASTM A-500. G.P. PLATES SHALL BE ASTM A-36.
  - 4 FOR TYPICAL DETAILS SEE S-50
  - 5 FOR SECTIONS AND DETAILS SEE S-51
  - 6 SEE TYPICAL DETAILS FOR SLAB EDGE CONSTRUCTION.
  - 7 ALL SHIMS INSTALLED ANGLES WELDED TO BASE STEEL AND TO EACH OTHER.
  - 8 BEAMS, COLUMNS, CORNERS AND UNDERSIDE OF METAL DECK SHALL BE SPRAY INSULATED.
  - 9 PROVISIONS OF THE BUILDING CODE SHALL APPLY TO ALL WORK.
  - 10 CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS IN THE FIELD AND SHALL BE RESPONSIBLE FOR ACCURATE CORRECTION. DISCREPANCIES SHALL BE REPORTED TO THE STRUCTURAL ENGINEER OF RECORD BEFORE PROCEEDING.
  - 11 REPAIR EXISTING CONDITIONS DAMAGED DURING THE COURSE OF NEW CONSTRUCTION.
  - 12 STEEL SHALL BE -50' BELOW TOP OF SLAB EL. UNLESS INDICATED OTHERWISE ABOVE OR BELOW TOP OF SLAB EL.

- LEGEND:**
- NEW STEEL
  - EXISTING STEEL
  - FULL CAPACITY MOMENT CONNECTION (SEE DETAIL ON DRG. S-50)
  - CORE WALL
  - INDICATES ELEVATION OF DECK STAIR
  - INDICATES NUMBER OF 5' LONG 3/4" x 3/4" THREADED SHEAR STUDS
  - INDICATES HI-RI STEEL REQUIRED FOR STABILIZATION
  - INDICATES TEMPORARY HANGER TO BE REMOVED AFTER ALL BEAMS & COLUMNS ARE IN PLACE
  - INDICATES NEW SLAB SEE NOTE 2
  - SEE DETAIL 1A ON SHEET S-51
  - SEE DETAIL 1B ON SHEET S-51
  - SEE DETAIL 2 ON SHEET S-51

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BID PACKAGE 01/10/02

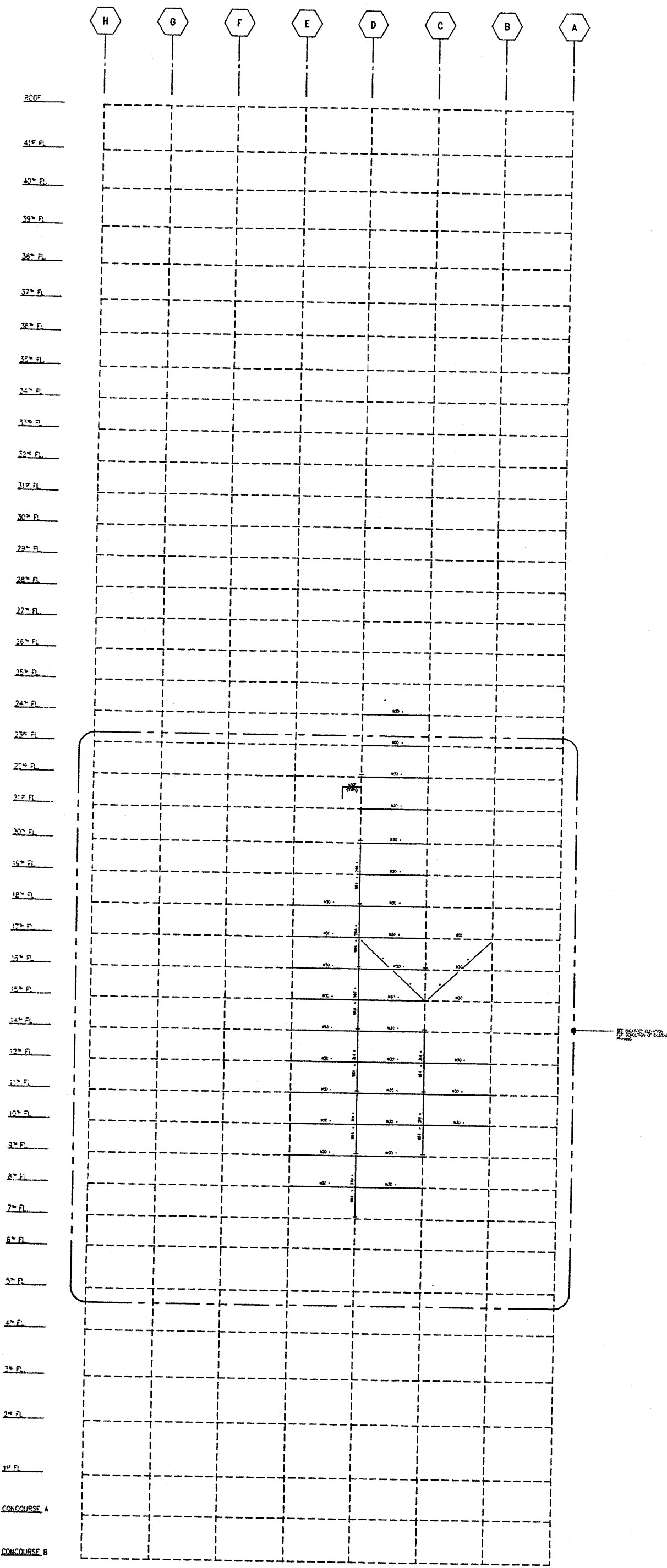


PROJECT 130 LIBERTY STREET  
NEW YORK, NEW YORK

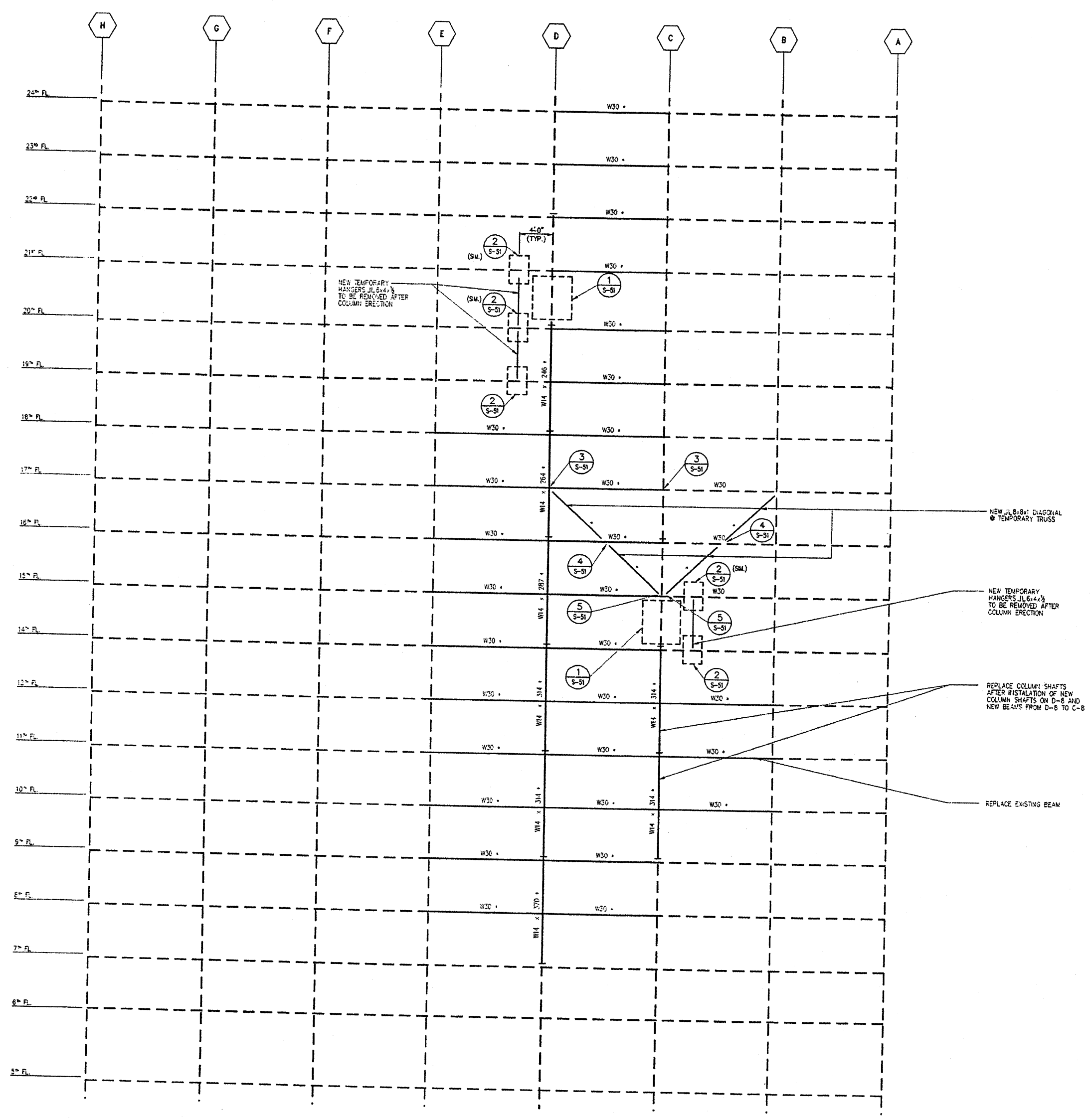
SHEET TITLE 8<sup>TH</sup> FLOOR FRAMING PLAN

DRAWN BY	CAD	JOB NUMBER
CHECKED BY		
SCALE		DWG. NUMBER
DATE		S-8

AutoCAD File: Y:\CaddProjects\2001004\_Deutsche-Bank\FRAMING-PLAN/ELEVATION.dwg Plotted at: Wed Jan 09 14:56:33 2002



BUILDING ELEVATION



ENLARGED PART BUILDING ELEVATION ON GRID LINE B

- NOTES:  
FOR NOTES AND LEGEND REFER TO DRAWING S-8.
- SEQUENCE OF CONSTRUCTION:
1. DEMOLISH 8" FLOOR BEAMS AS SHOWN ON DEMOLITION PLANS
  2. DEMOLISH 9" FLOOR BEAMS AS SHOWN ON DEMOLITION PLANS AND COLUMN SHEET OFF FROM ABOVE 7" TO 9" FLOOR
  3. INSTALL TEMPORARY HANGERS BETWEEN LEVELS 19&21 AND BETWEEN LEVELS 1&3.
  4. DEMOLISH REMAINING FLOOR BEAMS FRAMING INTO D-8 AND COLUMN SECTIONS ON D-8 SHOWN IN DEMOLITION PLANS, EXCEPT AT 24<sup>th</sup> FLOOR. DO NOT DEMO ANY PORTION OF COLUMN C-8 UNTIL THE NEW D-8 IS FULLY INSTALLED.
  5. DO NOT DEMO ANY BEAMS FRAMING INTO C-8 UNTIL THE NEW D-8 IS FULLY INSTALLED.
  6. INSTALL COLUMN D-8 AS SHOWN ON NORTH ELEVATION.
  7. PERFORM JACKING ON COLUMN D-8 AS DETAIL 1 ON DWG. S-21.
  8. INSTALL FLOOR BEAMS BETWEEN COLUMN LINES D & C ON 15<sup>th</sup> FLOOR ALL FLOORS ABOVE AS SHOWN ON FRAMING PLANS.
  9. INSTALL TEMPORARY TRUSS AT THE 15<sup>th</sup> FLOOR.
  10. DEMOLISH BEAMS FRAMING INTO COLUMN C-8 AS SHOWN ON DEMOLITION PLANS.
  11. DEMOLISH PORTION OF COLUMN C-8 AS SHOWN ON DEMOLITION PLANS.
  12. INSTALL REMAINING FRAMING ON LEVELS 10,11,12,14 AND 24.
  13. INSTALL JACKS, REMOVE TEMPORARY TRUSS AND PERFORM COLUMN JACKING ON C-8.

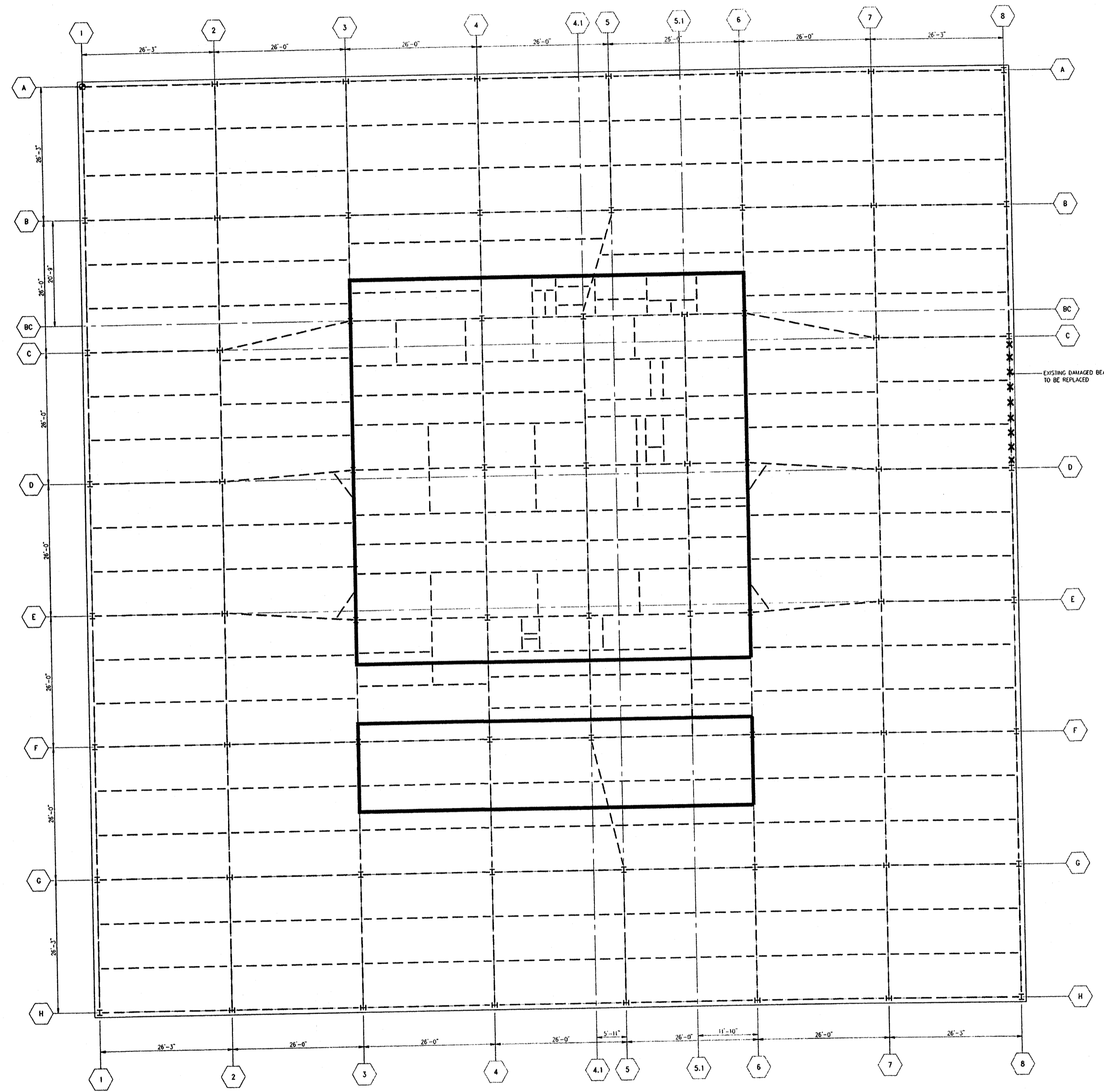
BID PACKAGE 01/10/02



PROJECT  
**130 LIBERTY STREET**  
NEW YORK, NEW YORK

SHEET TITLE  
**NORTH ELEVATION**

DRAWN BY CAD	JOB NUMBER
CHECKED BY	
SCALE	DWG NUMBER
DATE	S-1



NOTES:  
FOR NOTES AND LEGEND REFER TO DRAWING D-8

AutoCAD File: C:\dwg\130LIBERTY\130LIBERTY.dwg; Plot Date: 01/10/02 10:00 AM; Plot Scale: 1/8"=1'-0"; Plot Size: 11.00" x 17.00"

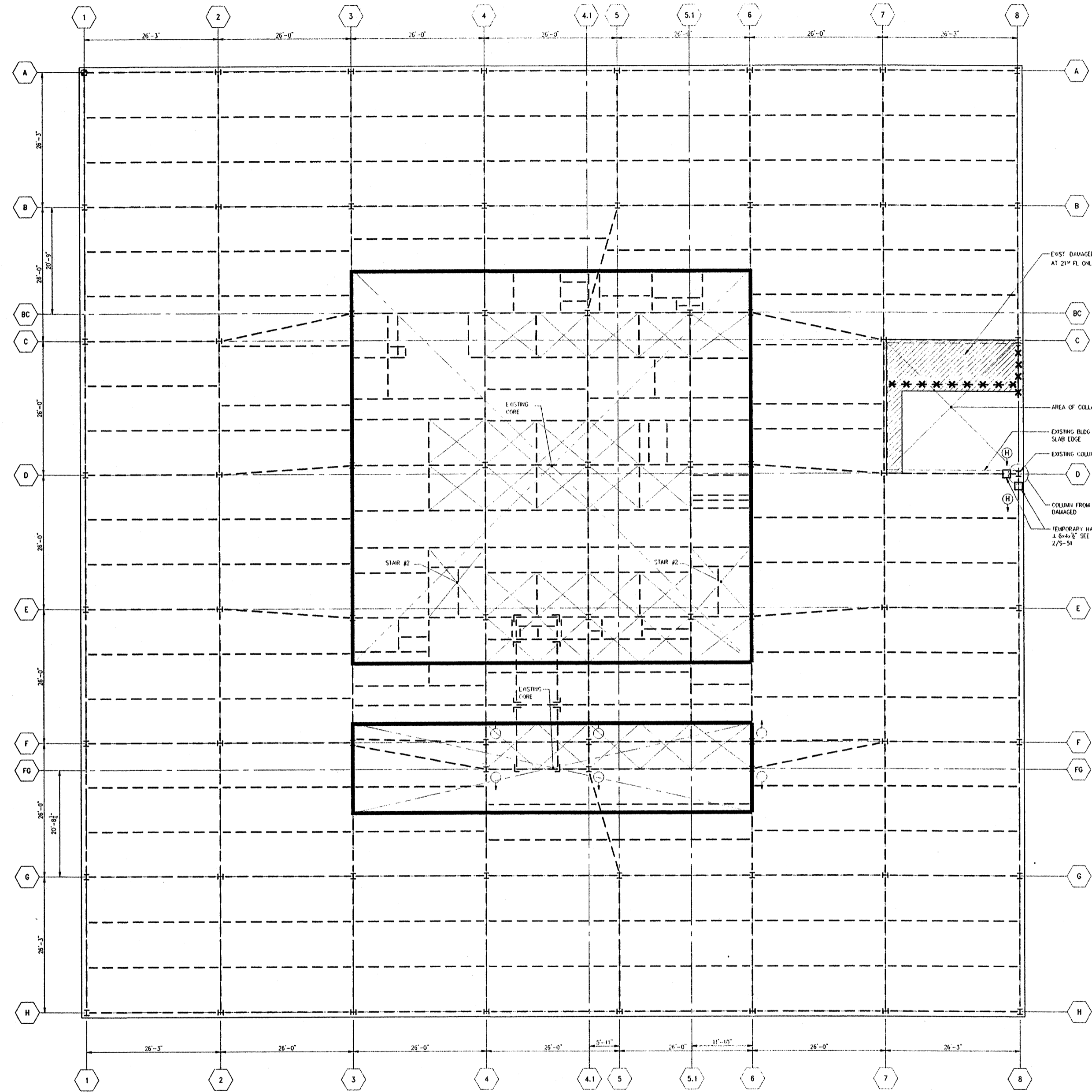
BID PACKAGE 01/10/02



PROJECT  
130 LIBERTY STREET  
NEW YORK, NEW YORK

SHEET TITLE  
24<sup>TH</sup> FLOOR  
DEMOLITION PLAN

DRAWN BY	CAD	JOB NUMBER
CHECKED BY		
SCALE		DWG NUMBER
DATE		D-24



NOTES:  
FOR NOTES AND LEGEND REFER TO DRAWING D-8

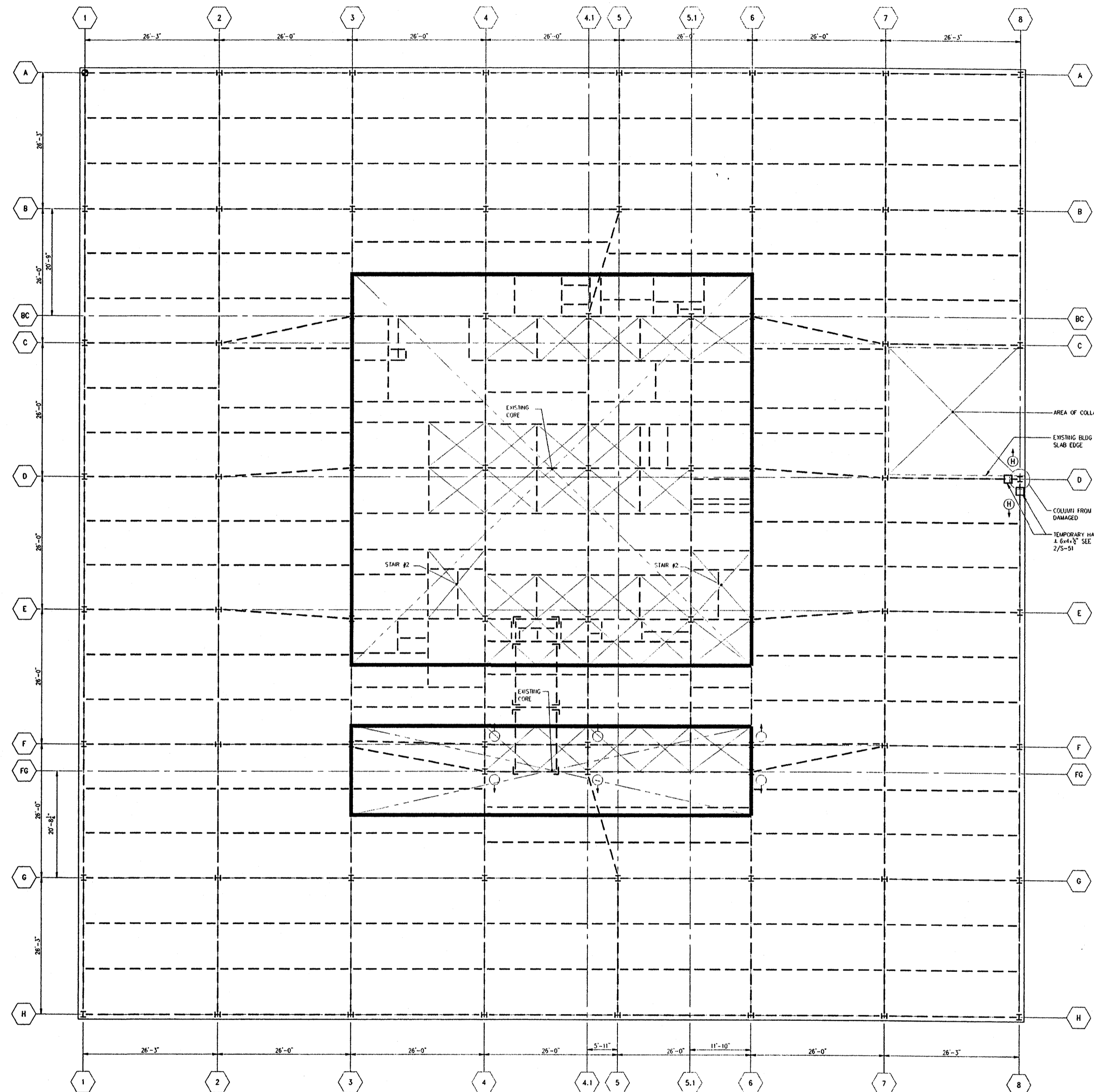
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BID PACKAGE 01/10/02



PROJECT 130 LIBERTY STREET  
 NEW YORK, NEW YORK  
 SHEET TITLE 21<sup>ST</sup> FLOOR  
 DEMOLITION PLAN

DRAWN BY	CAD	JOB NUMBER
CHECKED BY		
SCALE		DWG NUMBER
DATE		D-21



NOTES:  
FOR NOTES AND LEGEND REFER TO DRAWING D-8

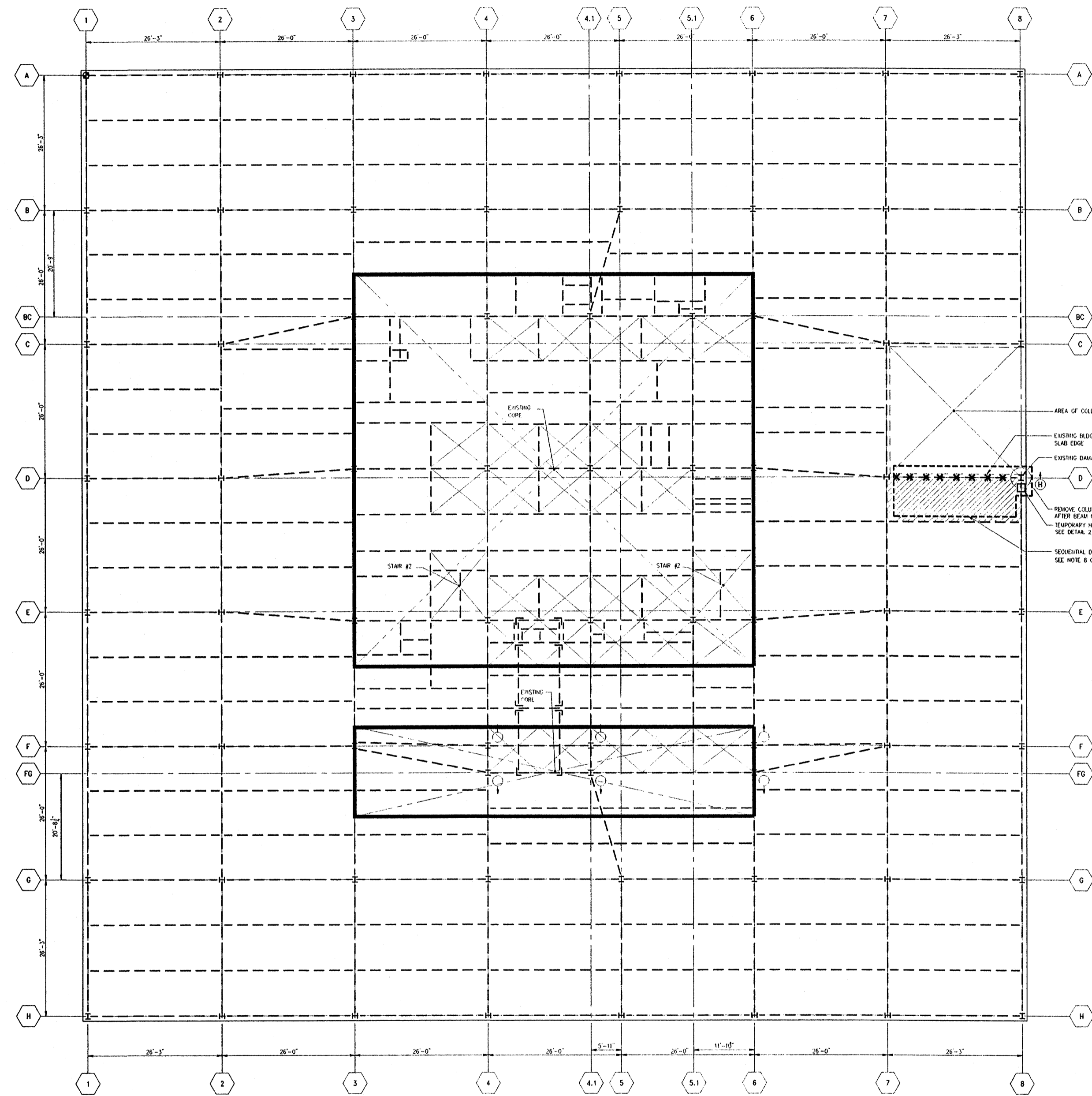
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BID PACKAGE 01/10/02



PROJECT  
 130 LIBERTY STREET  
 NEW YORK, NEW YORK  
 SHEET TITLE  
 20<sup>TH</sup> FLOOR  
 DEMOLITION PLAN

DRAWN BY	CAD	JOB NUMBER
CHECKED BY		
SCALE		DWG NUMBER
DATE		D-20



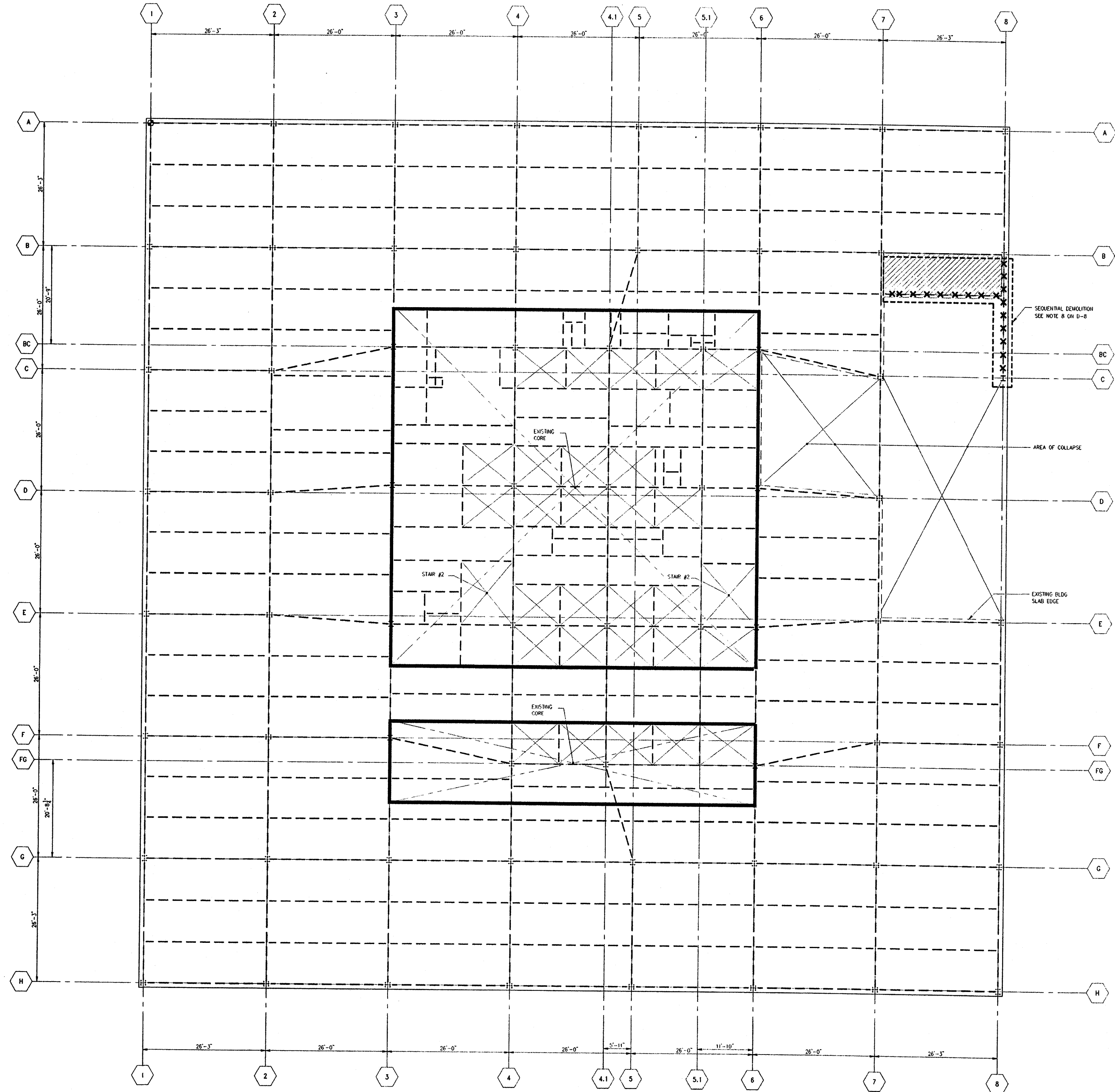
NOTES:  
FOR NOTES AND LEGEND REFER TO DRAWING D-8.

ALL DIMENSIONS TO FACE UNLESS OTHERWISE NOTED. DATE: 01/10/02

BID PACKAGE 01/10/02



PROJECT	130 LIBERTY STREET NEW YORK, NEW YORK		
SHEET TITLE	19 <sup>TH</sup> FLOOR DEMOLITION PLAN		
DRAWN BY	CAD	JOB NUMBER	
CHECKED BY			
SCALE		DWG NUMBER	
DATE		D-19	



NOTES:  
FOR NOTES AND LEGEND REFER TO DRAWING D-8

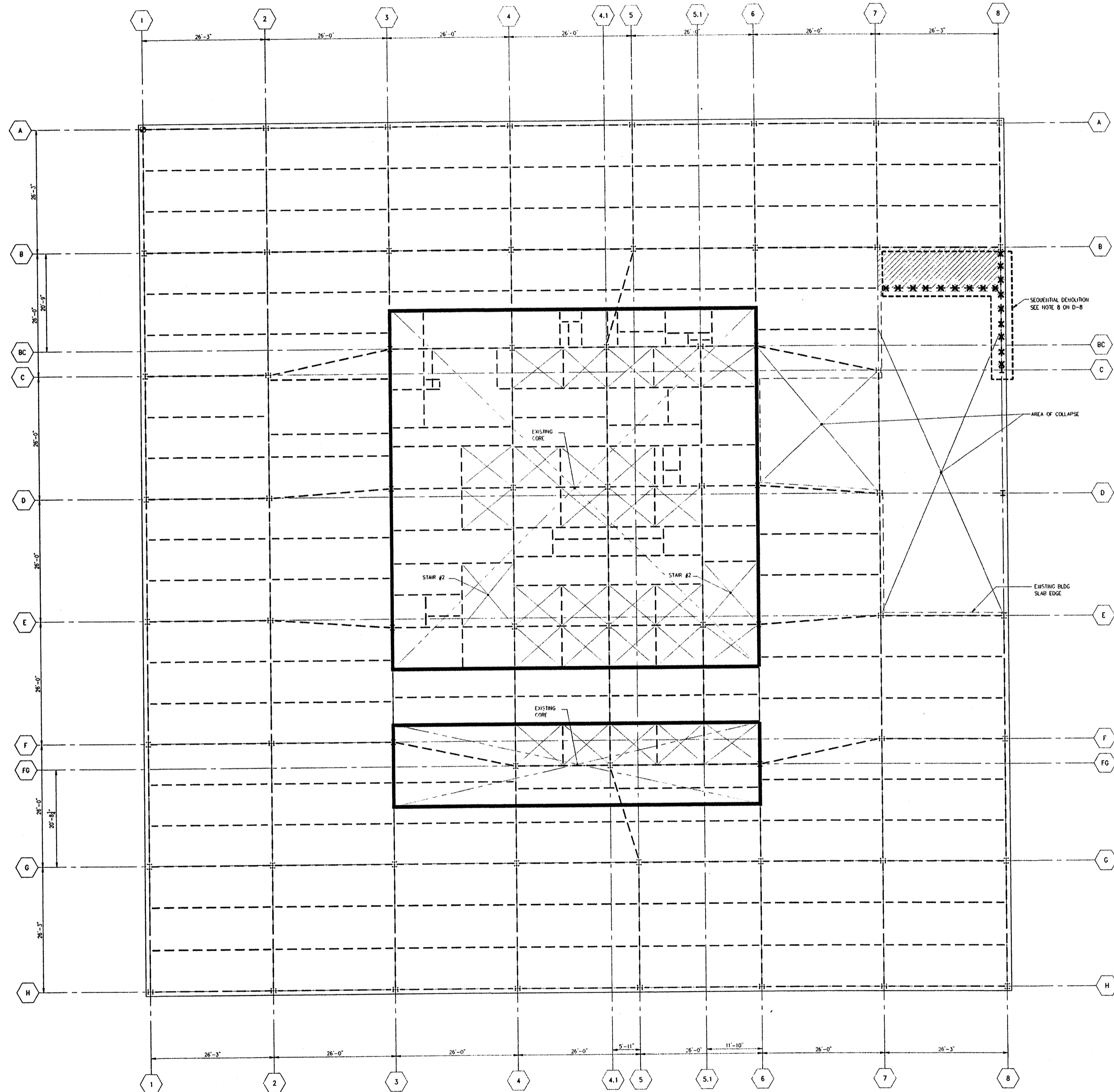
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BID PACKAGE 01/10/02


 CANTOR BERLIK GROUP, INC.  
 CONSULTING ENGINEERS  
 232 EAST 40th STREET  
 NEW YORK, NEW YORK 10017

PROJECT	130 LIBERTY STREET NEW YORK, NEW YORK		
SHEET TITLE	12 <sup>TH</sup> FLOOR DEMOLITION PLAN		
DRAWN BY	CAD	JOB NUMBER	
CHECKED BY			
SCALE		DWG NUMBER	D-12
DATE			





NOTES:  
FOR NOTES AND LEGEND REFER TO DRAWING D-9

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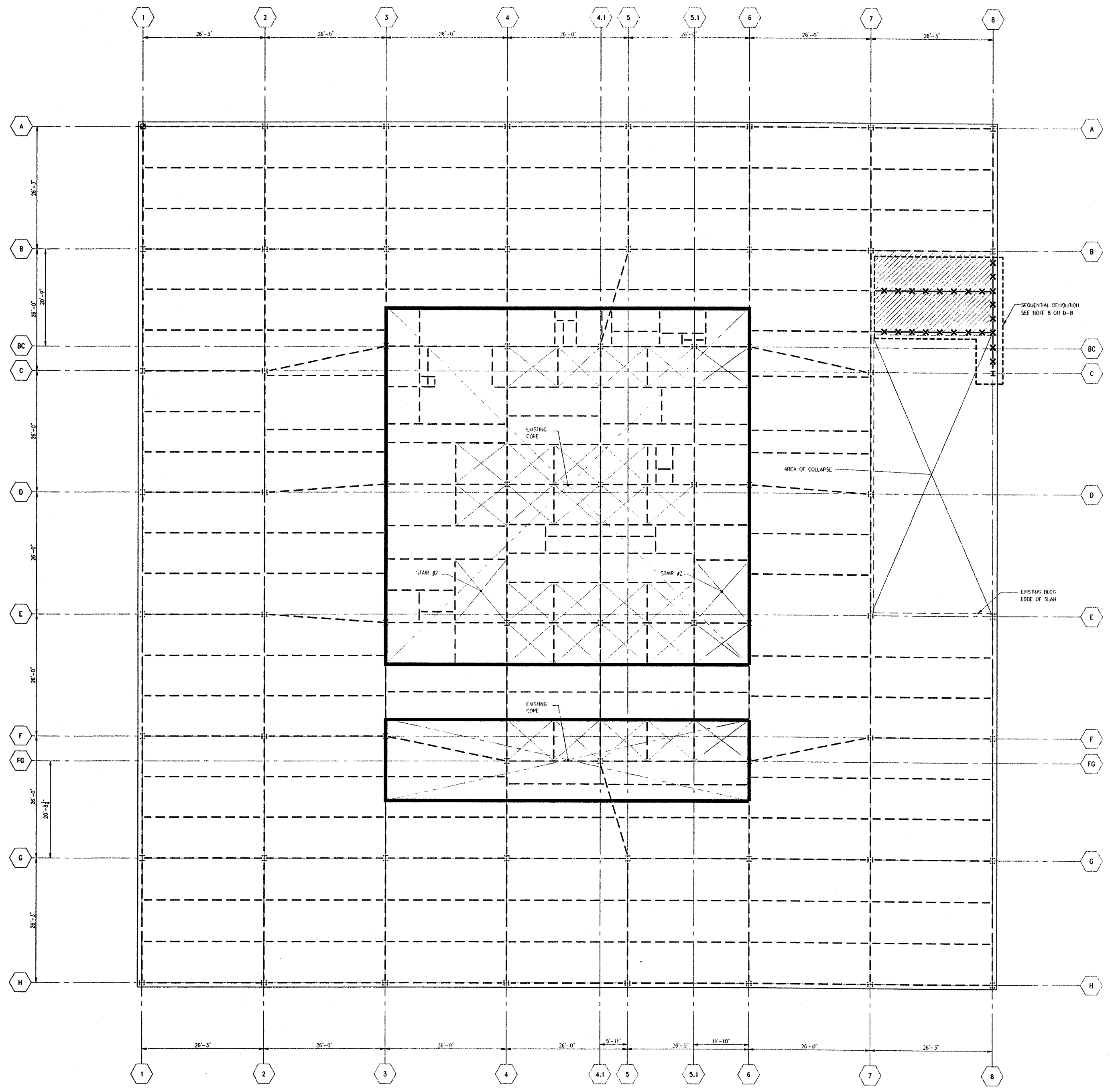
BID PACKAGE 01/10/02



PROJECT  
130 LIBERTY STREET  
NEW YORK, NEW YORK

SHEET TITLE  
11<sup>TH</sup> FLOOR  
DEMOLITION PLAN

DRAWN BY	CAD	JOB NUMBER
CHECKED BY		
SCALE		DWG NUMBER
DATE		D-11



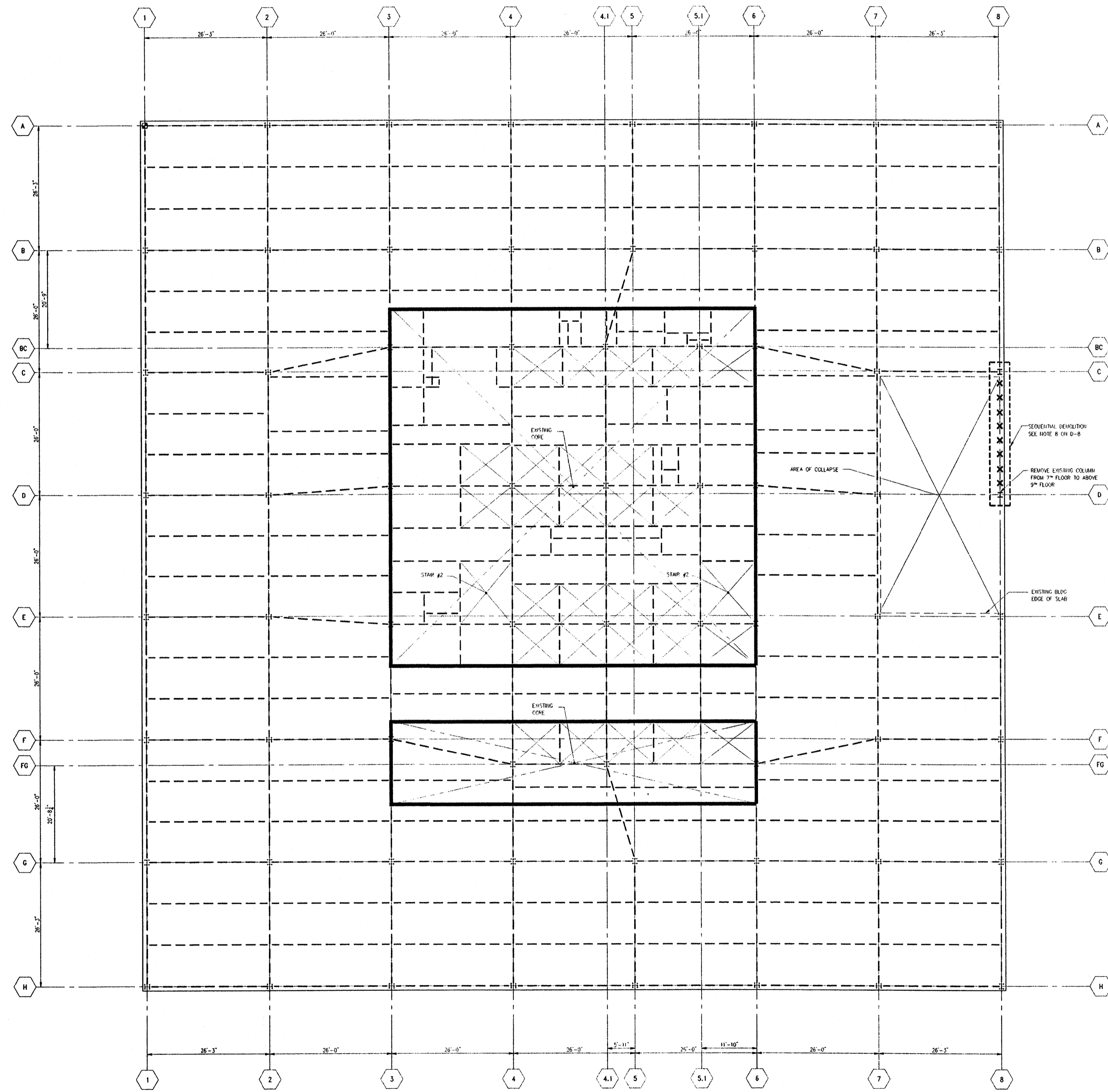
NOTES:  
FOR NOTES AND LEGEND REFER TO DRAWING D-8

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BID PACKAGE 01/10/02



PROJECT		130 LIBERTY STREET NEW YORK, NEW YORK	
SHEET TITLE		10 <sup>TH</sup> FLOOR DEMOLITION PLAN	
DRAWN BY	CAD	JOB NUMBER	
CHECKED BY		SCALE	DWG NUMBER
DATE			D-10



NOTES:  
FOR NOTES AND LEGEND REFER TO DRAWING D-8

BID PACKAGE 01/10/02

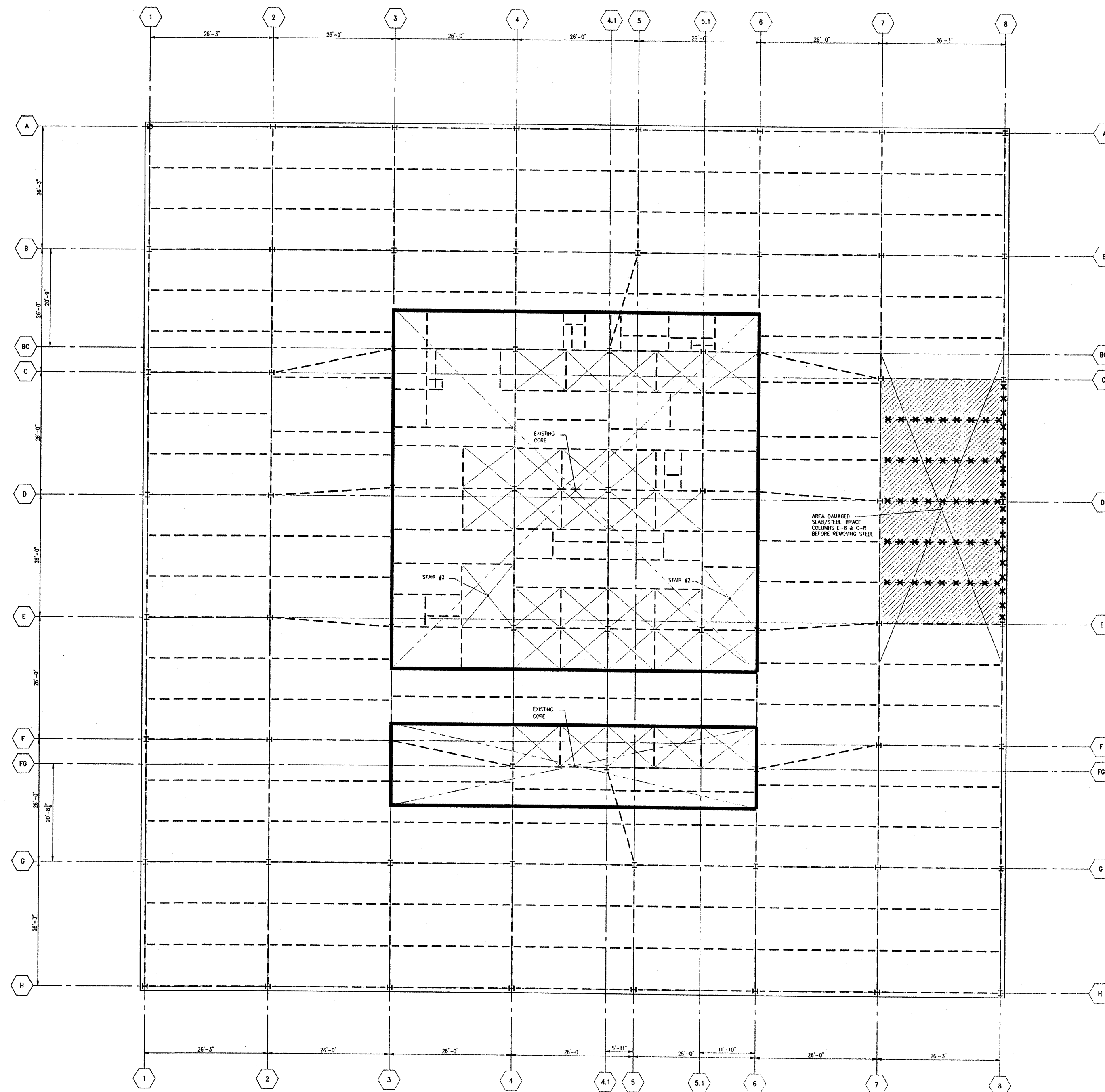


PROJECT  
130 LIBERTY STREET  
NEW YORK, NEW YORK

SHEET TITLE  
9TH FLOOR  
DEMOLITION PLAN

DRAWN BY	CAD	JOB NUMBER
CHECKED BY		
SCALE		DWG NUMBER
DATE		D-9

ArchiCAD File: Y:\02\Project\130Lib\130Lib.dwg Date: 01/11/02 09:28:22



- NOTES:**
1. ALL PROVISIONS OF THE NEW YORK CITY BUILDING CODE SHALL APPLY TO ALL WORK.
  2. CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS IN THE FIELD AND BE RESPONSIBLE FOR ACCURATE COORDINATION. DISCREPANCIES SHALL BE REPORTED TO THE STRUCTURAL ENGINEER BEFORE PROCEEDING.
  3. PROVIDE TEMPORARY BRACING AS REQUESTED TO RESIST LOADS WHEN NEW AND EXISTING STRUCTURE MAY BE SUBJECTED TO IMPROB. CONSTRUCTION.
  4. ALL WELDING TO BE IN ACCORDANCE WITH NYC BUILDING CODE.
  5. TEMPORARY HANGERS TO BE INSTALLED PRIOR TO REMOVAL OF COLUMN SECTION.
  6. FOR DETAILS OF TEMPORARY HANGERS REFER TO DRAWING S-700.
  7. COLUMN C-2 TO BE REMOVED AFTER COLUMN D-2 HAS BEEN REPLACED.
  8. WHERE NOTED, SEQUENTIAL DEMOLITION TO BE PERFORMED PER SEQUENCE ON DRAWING S-1.
  9. EXISTING SLAB, SHOWN TO BE DEMOLISHED SHALL BE SHOWN FOR "TYPICAL NEW SLAB TO EXISTING SLAB DETAIL" ON DRAWING S-50.

- LEGEND:**
- EXISTING STEEL
  - FULL CAPACITY MOMENT CONNECTION
  - ▨ EXISTING SLAB TO BE DEMOLISHED
  - ▬ CORE WALL
  - \*\*\* DAMAGED STEEL TO BE REMOVED

AutoCAD File: P:\CAD\Projects\130 Liberty Street\130 Liberty Street.dwg Plot Date: 01/10/02 11:28:02 AM

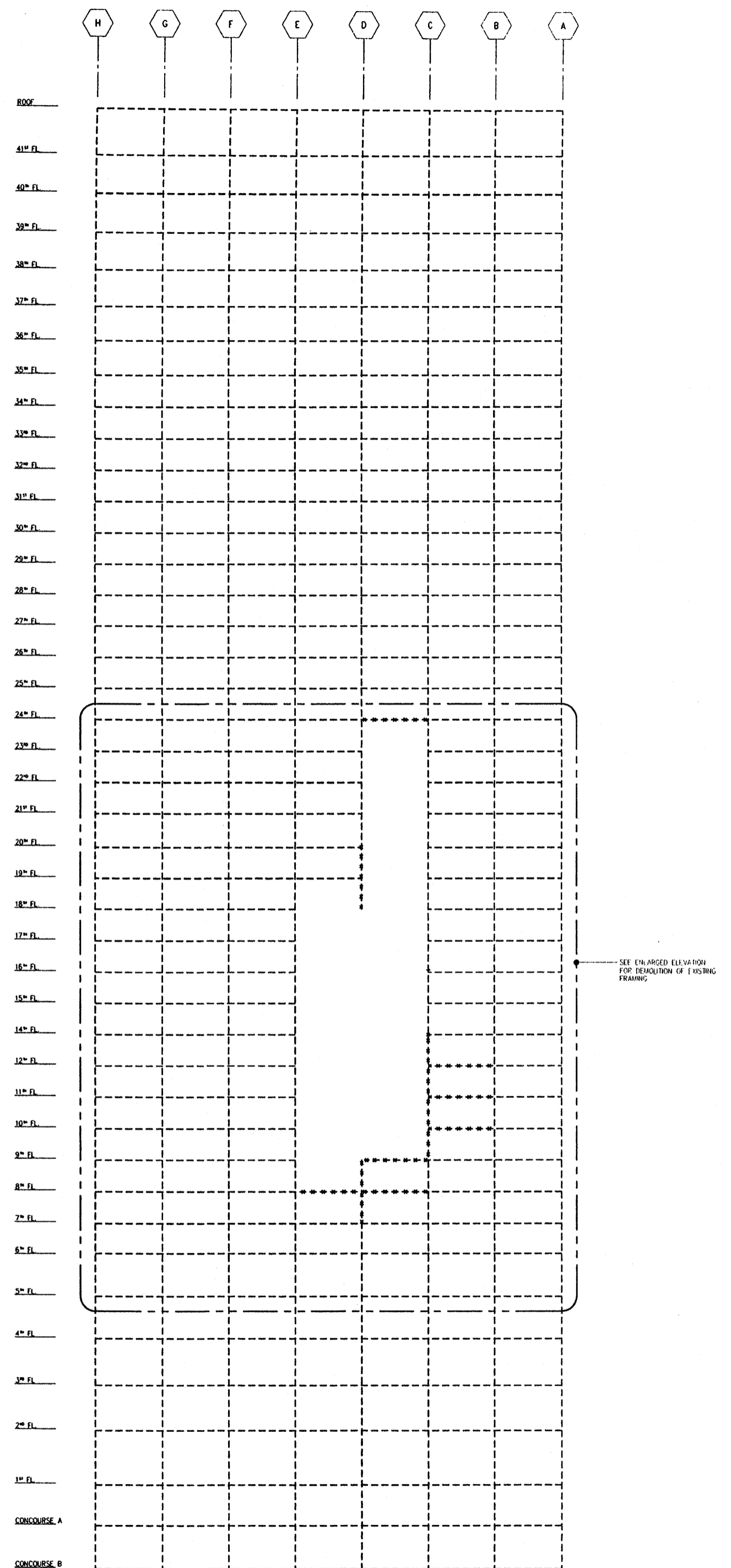
BID PACKAGE 01/10/02

**AWSP** CHANTON BRESLER GROUP, INC.  
CONSULTING ENGINEERS  
220 EAST 42ND STREET  
NEW YORK, NEW YORK 10017

PROJECT  
130 LIBERTY STREET  
NEW YORK, NEW YORK

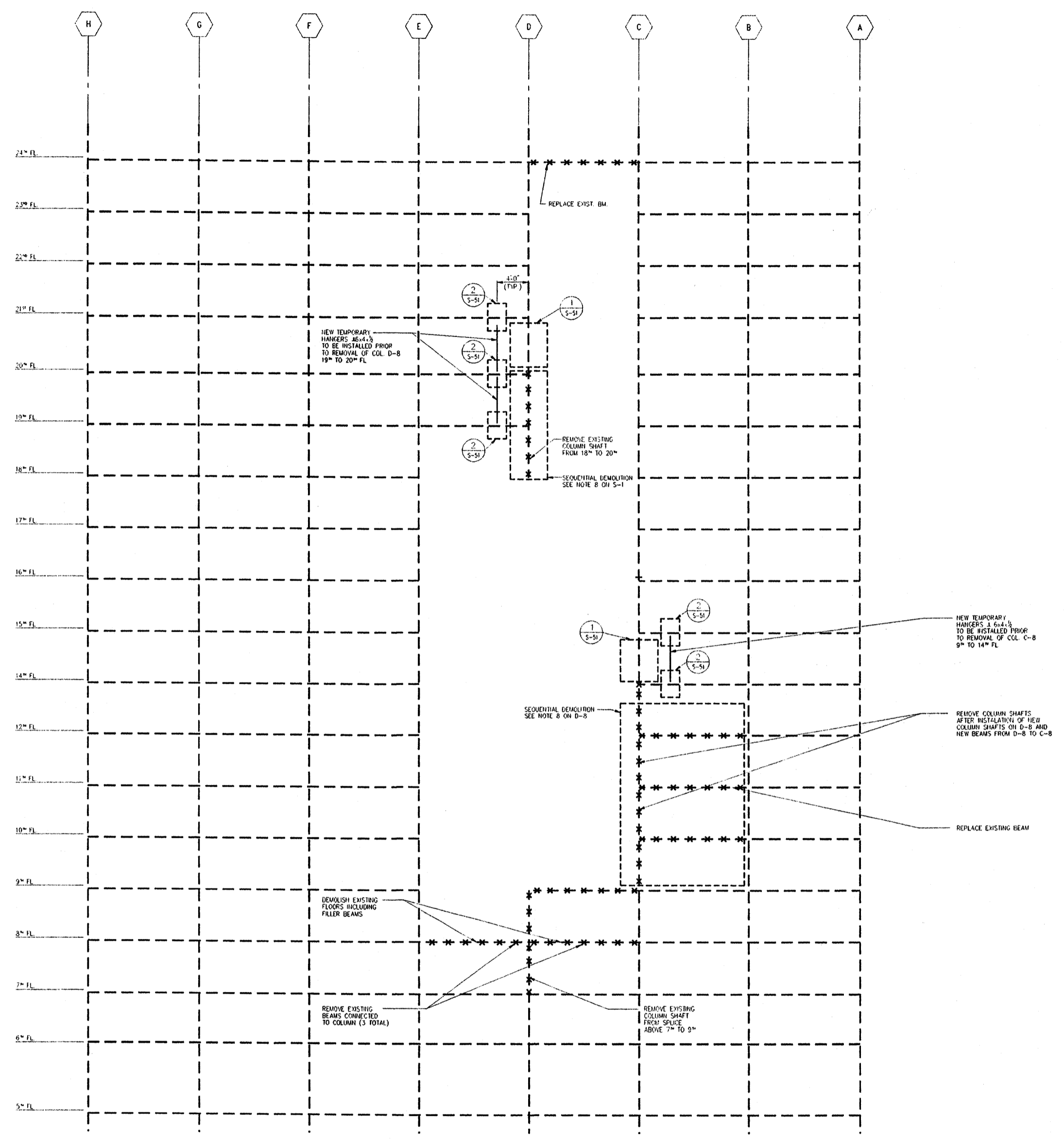
SHEET TITLE  
8<sup>TH</sup> FLOOR  
DEMOLITION PLAN

DRAWN BY CAD JOB NUMBER  
CHECKED BY DATE  
SCALE DWG NUMBER  
DATE D-8



BUILDING ELEVATION

SEE ENLARGED ELEVATION FOR DEMOLITION OF EXISTING FRAMING.



ENLARGED PART BUILDING ELEVATION ON GRID LINE 8

NOTES:  
FOR NOTES AND LEGEND REFER TO DRAWING D-8.

BID PACKAGE 01/10/02



PROJECT		130 LIBERTY STREET NEW YORK, NEW YORK	
SHEET TITLE		DEMOLITION OF NORTH ELEVATION	
DRAWN BY	CAD	JOB NUMBER	
CHECKED BY			
SCALE		DWG NUMBER	D-1
DATE			

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 11/10/01 11:10 AM

# 130 Liberty Street - Deutsche Bank New York , New York

STRUCTURAL ENGINEERS  
CANTOR SEINUK GROUP INC.

DWG. NO.	TITLE	ISSUE DATE	ISSUE #1	ISSUE DATE	ISSUE #2	ISSUE DATE	ISSUE #3	ISSUE DATE	ISSUE #4	ISSUE DATE	ISSUE #5
<b>DEMOLITION SET</b>											
D-1	DEMOLITION NORTH ELEVATION	01-10-02	BID								
D-8	8 <sup>TH</sup> FLOOR DEMOLITION PLAN	01-10-02	BID								
D-9	9 <sup>TH</sup> FLOOR DEMOLITION PLAN	01-10-02	BID								
D-10	10 <sup>TH</sup> FLOOR DEMOLITION PLAN	01-10-02	BID								
D-11	11 <sup>TH</sup> FLOOR DEMOLITION PLAN	01-10-02	BID								
D-12	12 <sup>TH</sup> FLOOR DEMOLITION PLAN	01-10-02	BID								
D-19	19 <sup>TH</sup> FLOOR DEMOLITION PLAN	01-10-02	BID								
D-20	20 <sup>TH</sup> FLOOR DEMOLITION PLAN	01-10-02	BID								
D-21	21 <sup>ST</sup> FLOOR DEMOLITION PLAN	01-10-02	BID								
D-24	24 <sup>TH</sup> FLOOR DEMOLITION PLAN	01-10-02	BID								
<b>FRAMING SET</b>											
S-1	NORTH ELEVATION	01-10-02	BID								
S-8	8 <sup>TH</sup> FLOOR FRAMING PLAN	01-10-02	BID								
S-9	9 <sup>TH</sup> FLOOR FRAMING PLAN	01-10-02	BID								
S-10	10 <sup>TH</sup> FLOOR FRAMING PLAN	01-10-02	BID								
S-11	11 <sup>TH</sup> FLOOR FRAMING PLAN	01-10-02	BID								
S-12	12 <sup>TH</sup> FLOOR FRAMING PLAN	01-10-02	BID								
S-14	14 <sup>TH</sup> FLOOR FRAMING PLAN	01-10-02	BID								
S-15	15 <sup>TH</sup> FLOOR FRAMING PLAN	01-10-02	BID								
S-16	16 <sup>TH</sup> FLOOR FRAMING PLAN	01-10-02	BID								
S-17	17 <sup>TH</sup> FLOOR FRAMING PLAN	01-10-02	BID								
S-18	18 <sup>TH</sup> FLOOR FRAMING PLAN	01-10-02	BID								
S-19	19 <sup>TH</sup> FLOOR FRAMING PLAN	01-10-02	BID								
S-20	20 <sup>TH</sup> FLOOR FRAMING PLAN	01-10-02	BID								
S-21	21 <sup>ST</sup> FLOOR FRAMING PLAN	01-10-02	BID								
S-22	22 <sup>ND</sup> FLOOR FRAMING PLAN	01-10-02	BID								
S-23	23 <sup>RD</sup> FLOOR FRAMING PLAN	01-10-02	BID								
S-24	24 <sup>TH</sup> FLOOR FRAMING PLAN	01-10-02	BID								
S-50	SECTION AND DETAILS 1	01-10-02	BID								
S-51	SECTION AND DETAILS 2	01-10-02	BID								
<b>SURVEY SET</b>											
SC-4	4 <sup>TH</sup> FLOOR MOMENT CONNECTION & LEVEL SURVEY DRAWING	01-10-02	BID								
SC-5	5 <sup>TH</sup> FLOOR MOMENT CONNECTION & LEVEL SURVEY DRAWING	01-10-02	BID								
SC-6	6 <sup>TH</sup> FLOOR MOMENT CONNECTION & LEVEL SURVEY DRAWING	01-10-02	BID								
SC-7	7 <sup>TH</sup> FLOOR MOMENT CONNECTION & LEVEL SURVEY DRAWING	01-10-02	BID								
SC-8	8 <sup>TH</sup> FLOOR MOMENT CONNECTION & LEVEL SURVEY DRAWING	01-10-02	BID								
SC-9	9 <sup>TH</sup> FLOOR MOMENT CONNECTION & LEVEL SURVEY DRAWING	01-10-02	BID								
SC-10	10 <sup>TH</sup> FLOOR MOMENT CONNECTION & LEVEL SURVEY DRAWING	01-10-02	BID								
SC-11	11 <sup>TH</sup> FLOOR MOMENT CONNECTION & LEVEL SURVEY DRAWING	01-10-02	BID								
SC-12	12 <sup>TH</sup> FLOOR MOMENT CONNECTION & LEVEL SURVEY DRAWING	01-10-02	BID								
SC-14	14 <sup>TH</sup> FLOOR MOMENT CONNECTION & LEVEL SURVEY DRAWING	01-10-02	BID								
SC-15	15 <sup>TH</sup> FLOOR MOMENT CONNECTION & LEVEL SURVEY DRAWING	01-10-02	BID								
SC-16	16 <sup>TH</sup> FLOOR MOMENT CONNECTION & LEVEL SURVEY DRAWING	01-10-02	BID								
SC-17	17 <sup>TH</sup> FLOOR MOMENT CONNECTION & LEVEL SURVEY DRAWING	01-10-02	BID								
SC-18	18 <sup>TH</sup> FLOOR MOMENT CONNECTION & LEVEL SURVEY DRAWING	01-10-02	BID								
SC-19	19 <sup>TH</sup> FLOOR MOMENT CONNECTION & LEVEL SURVEY DRAWING	01-10-02	BID								
SC-20	20 <sup>TH</sup> FLOOR MOMENT CONNECTION & LEVEL SURVEY DRAWING	01-10-02	BID								
SC-21	21 <sup>ST</sup> FLOOR MOMENT CONNECTION & LEVEL SURVEY DRAWING	01-10-02	BID								
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SC-23	23 <sup>RD</sup> FLOOR MOMENT CONNECTION & LEVEL SURVEY DRAWING	01-10-02	BID								
SC-24	24 <sup>TH</sup> FLOOR MOMENT CONNECTION & LEVEL SURVEY DRAWING	01-10-02	BID								
SC-25	25 <sup>TH</sup> FLOOR MOMENT CONNECTION & LEVEL SURVEY DRAWING	01-10-02	BID								
SC-26	26 <sup>TH</sup> FLOOR MOMENT CONNECTION & LEVEL SURVEY DRAWING	01-10-02	BID								
SC-27	27 <sup>TH</sup> FLOOR MOMENT CONNECTION & LEVEL SURVEY DRAWING	01-10-02	BID								
SC-28	28 <sup>TH</sup> FLOOR MOMENT CONNECTION & LEVEL SURVEY DRAWING	01-10-02	BID								

BID PACKAGE 01/10/02



PROJECT  
130, LIBERTY STREET  
NEW YORK, NEW YORK

SHEET TITLE  
TITLE SHEET

DRAWN BY CAD      JOB NUMBER  
CHECKED BY  
SCALE      DWG NUMBER  
DATE      T-1