

**AMENDMENT #6**

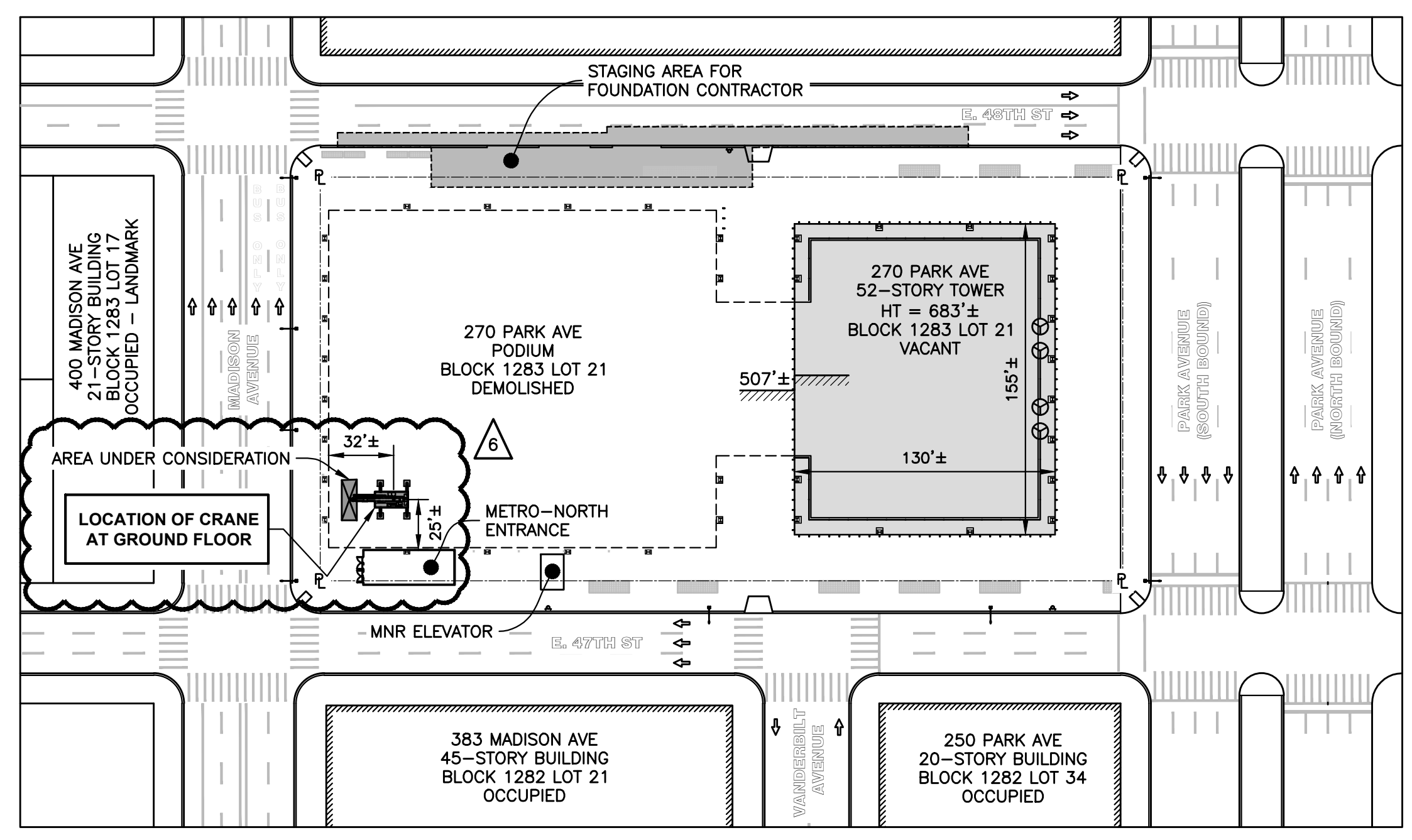
# SITE SAFETY PLAN FOR FOUNDATION ENHANCEMENTS AT 270 PARK AVE, MANHATTAN, NY

**FOUNDATION WORK :**

- ALT 2 INSTALLATION OF CAISSONS AND PILE CAPS (CEL, SUB)
- ALT 2 FOUNDATION ENHANCEMENTS AT D1 LINE
- ALT-2 PARTIAL HAND DEMOLITION OF SUB-CELLAR 2 SLAB
- ALT-2 PARTIAL MECHANICAL DEMOLITION OF CELLAR, SUB-CELLAR 1 TO 3 SLABS

- JOB No. 121189285
- JOB No. 121204810
- JOB No. 140883836
- JOB No. 121207087

← AMENDMENT TO THIS APPLICATION



**KEY PLAN**  
Scale : 1" = 60'

No.	DATE	DESCRIPTION	BY
6	03/19/21	REVISED COVER PAGE	OM
5	03/04/21	REVISED COVER PAGE	KG
4	01/08/21	REVISED COVER PAGE	KC
3	12/01/20	REVISED COVER PAGE	KC
2	06/03/20	REVISED COVER PAGE	KC
1	03/06/20	REVISED COVER PAGE	KC

**HOWARD I. SHAPIRO & ASSOCIATES**  
CONSULTING ENGINEERS, P.C.

266 MERRICK ROAD, SUITE 300, LYNBROOK, N.Y. 11563  
TEL: (516) 791-2600 FAX: (516) 791-5425

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**CLIENT**  
JOHN CIVETTA & SONS, INC.  
1123 BRONX RIVER AVE, BRONX, NY 10472  
PH: (718) 589-9000

**PROJECT**  
PARTIAL DEMOLITION OF CELLAR SLABS FOR FOUNDATION CONSTRUCTION AT 270 PARK AVENUE, MANHATTAN, NY

**ZONING INFORMATION**  
BLOCK: 1283  
LOT: 21  
ZONE: C5-3  
ZONING MAP: 8D  
COMMUNITY BOARD: 105  
BIN #: 1035421

PLACE STICKER HERE

**Sk Ali-Shafin**  
**APPROVED**  
**AMENDED PLAN**  
**04/01/2021**

**TITLE SHEET**

<b>SEAL &amp; SIGNATURE</b>	<b>DRAWING BY:</b> KC	<b>DATE:</b> 03/19/2021
	<b>PROJECT NO:</b> 18211.03.00	<b>ENGINEER:</b> JS
	<b>SCALE:</b> AS NOTED	<b>CHK BY:</b> JS
	<b>DWG NO:</b>	<b>SSP-001.06</b>
	V: 2018\18211.03.00	I OF 69

6

STATUS : No. DRAWING LIST :

Table with columns for drawing status (S, N), drawing number, description, and a grid of issue dates (02/17/19, 09/06/20, 06/03/20, 11/24/20, 01/08/21, 02/04/21, 03/19/21).

.. = NO CHANGE \*N\* = NEW SHEET \*S\* = SUPERSERDING \*O\* = OMITTED

● DRAWING BEING SUBMITTED

ISSUE grid with dates: 02/17/19, 09/06/20, 06/03/20, 11/24/20, 01/08/21, 02/04/21, 03/19/21.

ASSOCIATED PERMIT LOG :

HOIST, SIDEWALK SHED, SCAFFOLD, & FENCE :

Table listing permit items for hoist, sidewalk shed, scaffold, and fence with associated permit numbers.

SCAFFOLD INSTALLATION :

Table listing scaffold installation permit items and numbers.

DEMOLITION :

Table listing demolition permit items and numbers.

CRANE NOTIFICATIONS :

Table listing crane notification items and dates.

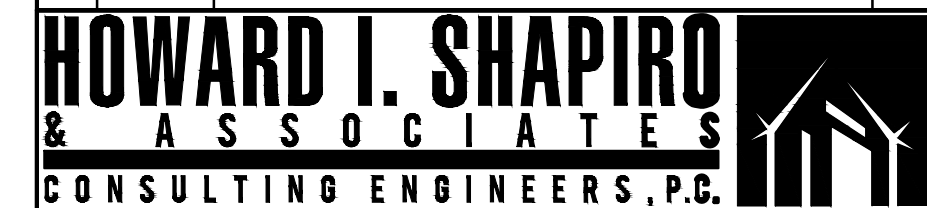
FOUNDATION :

Table listing foundation permit items and numbers.

LEGEND

Legend table mapping symbols to descriptions such as Foundation Contractor Work Area, Area Under Consideration, Heavy-Duty Sidewalk Shed, Roof Protection, etc.

Revision table with columns for issue number, date, description, and author.



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PROJECT: PARTIAL DEMOLITION OF CELLAR SLABS FOR FOUNDATION CONSTRUCTION AT 270 PARK AVENUE, MANHATTAN, NY

ZONING INFORMATION: BLOCK: 1283 LOT: 21 ZONE: C5-3 ZONING MAP: 8D COMMUNITY BOARD: 105 BIN #: 1035421

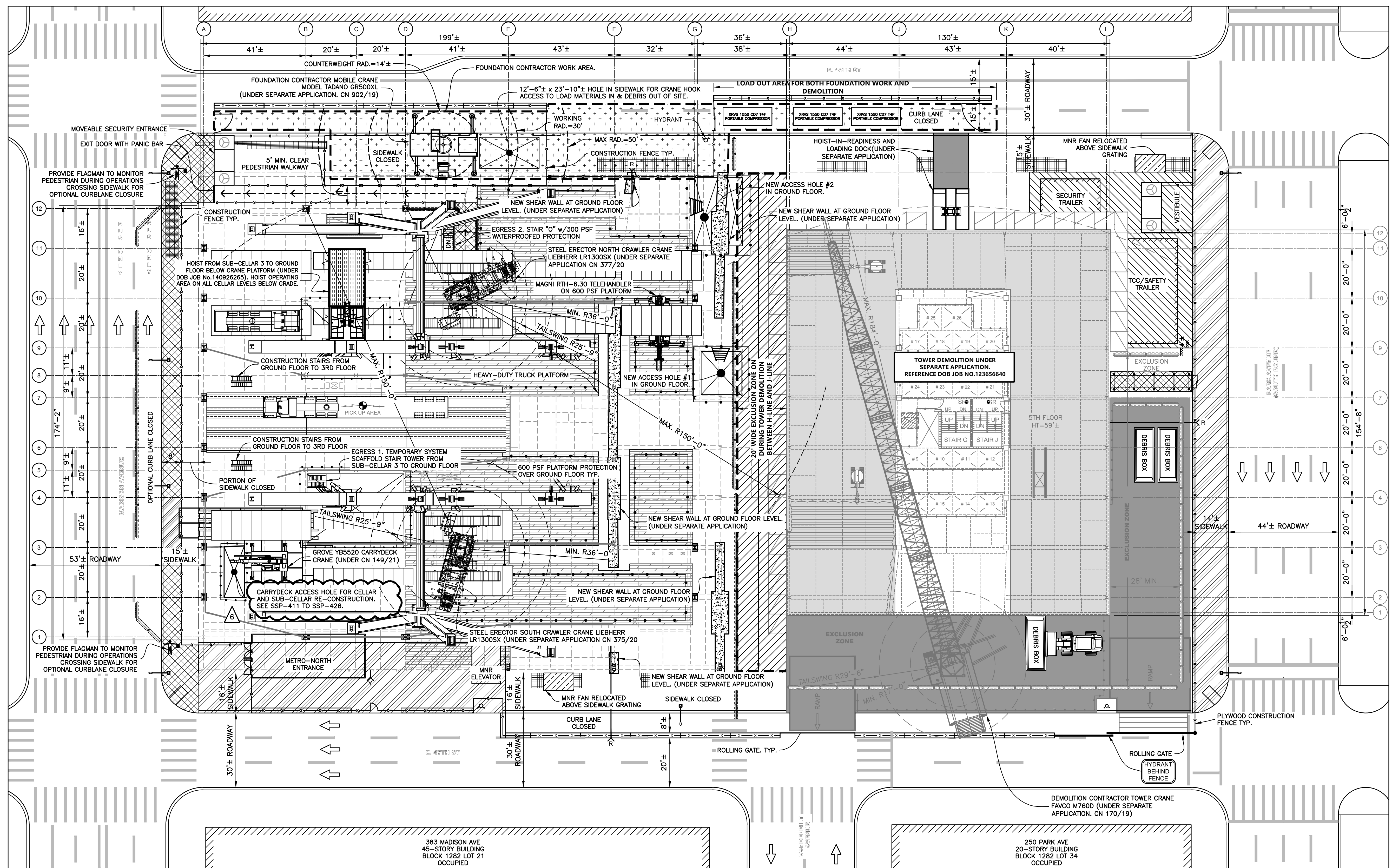
APPROVED AMENDED PLAN 04/01/2021

DRAWING LIST, LEGEND & ASSOCIATED PERMIT LOG

SEAL & SIGNATURE: Sk Ali-Shafin

DRAWING BY: KC DATE: 03/19/2021 PROJECT NO: 18211.03.00 ENGINEER: JS SCALE: AS NOTED CHK BY: JS DWG NO: SSP-003.06

V: 2018\18211.03.00 3 OF 69



LEGEND	
	NEW SHEAR WALL OPENINGS IN GROUND FL. & HUNG CEILING
	FOUNDATION CONTRACTOR WORK AREA TYP.
	HEAVY-DUTY PLATFORM
	600 PSF PLATFORM PROTECTION OVER GROUND FLOOR TYP.
	EXCLUSION ZONE
	16' HIGH SIDEWALK SHED TYP.
	8' HIGH SIDEWALK SHED TYP.
	STANDARD GUARDRAILS TYP.
	CONCRETE JERSEY BARRIER TYP.
	YODOCKS TYP.

No.	DATE	DESCRIPTION	BY
6	03/19/21	REVISED SITE PLAN.	DM
5	03/04/21	UPDATED OVERALL SITE PLAN, ADD F-LINE AND SA-LINE OPENINGS.	KG
3	11/24/20	UPDATED OVERALL SITE PLAN, ADD K-LINE OPENING	KC
2	06/03/20	MODIFIED D.J LINE OPENING	KC
2	06/03/20	ADD GROUND FLOOR OPENINGS	KC

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**PROJECT**  
PARTIAL DEMOLITION OF CELLAR SLABS FOR FOUNDATION CONSTRUCTION AT 270 PARK AVENUE, MANHATTAN, NY

**ZONING INFORMATION**  
BLOCK: 1283  
LOT: 21  
ZONE: C5-3  
ZONING MAP: 8D  
COMMUNITY BOARD: 105  
BIN #: 1035421

**SAFETY ZONE PLAN - GROUND FLOOR**  
Scale: 1" = 20'-0"

- NOTES :**
- THE EXISTING HIGHRISE TOWER IS UNDER FULL DEMOLITION BY A SEPARATE CONTRACTOR DURING THE SCOPE OF THE FOUNDATION CONTRACTOR'S WORK. SEE DM JOB No. 123656640.  
SEE SHADED AREA WITH HEAVY BORDER FOR THE FOUNDATION CONTRACTOR'S WORK AREA AT THE GROUND FLOOR LEVEL.  
A MOBILE CRANE AT GRADE AND ACCESS HOLE TO SUB-CELLAR 3 WILL BE USED TO MOVE EQUIPMENT AND DEBRIS BETWEEN STREET LEVEL AND SUB-CELLAR 3. SEE CN 902/19.  
A MAGNI TELEHANDLER LOCATED ON THE 600 PSF PROTECTIVE PLATFORM SHALL BE LOCATED AT ACCESS HOLE #1 OR #2 TO LOAD THE JOB AND REMOVE DEBRIS.  
A CARRYDECK MOBILE CRANE AT THE GROUND FLOOR AND ACCESS HOLE TO SUB-CELLAR 3 WILL BE USED TO MOVE EQUIPMENT AND DEBRIS BETWEEN STREET LEVEL AND SUB-CELLAR 3. SEE CN 149/21.  
THE TOWER CRANE, HOIST LOADING DOCK, HEAVY-DUTY PLATFORM AND OTHER EQUIPMENT SHOWN OUTSIDE THE FOUNDATION CONTRACTOR'S WORK AREA ARE ASSOCIATED WITH THE DEMOLITION CONTRACTOR'S WORK. SEE SSP-002 FOR ASSOCIATED PERMITS.

- DAILY MEETINGS WILL BE HELD BETWEEN THE DEMOLITION AND FOUNDATION SUPERINTENDENTS TO ENSURE COORDINATION BETWEEN DEMOLITION, STEEL ERECTION, AND FOUNDATION WORK.
- EGRESS
- EGRESS 1 : SCAFFOLD TOWER FROM CELLAR TO GROUND FLOOR.  
EGRESS 2 : STAIR "O" FROM SUB-CELLAR 2 TO GROUND FLOOR PROVIDES ACCESS FROM SUB-CELLAR 1 AND CELLAR TO GROUND FLOOR, ALSO EMERGENCY EGRESS FOR MNR FROM EXPRESS LEVEL.

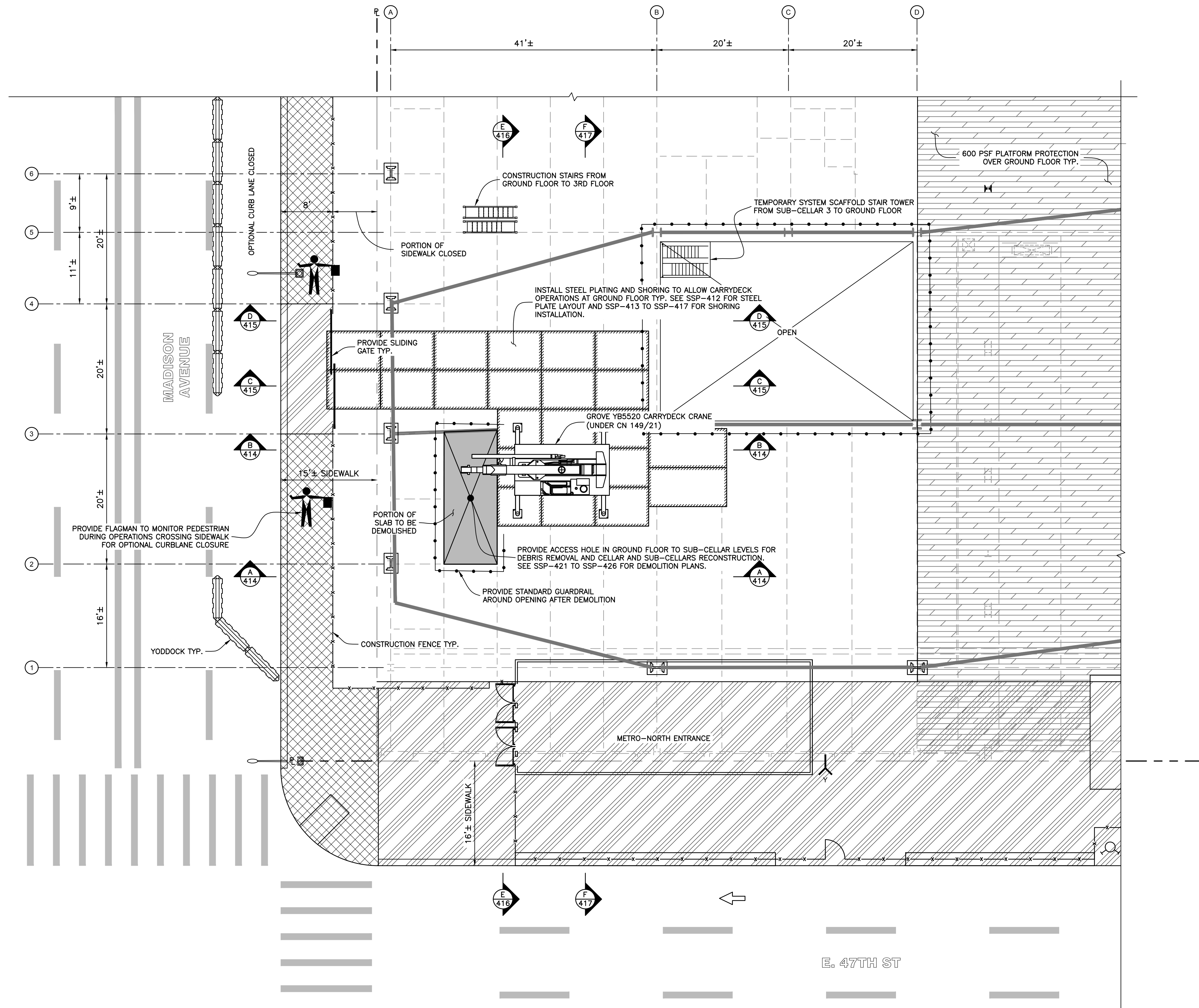
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**APPROVED AMENDED PLAN**  
04/01/2021  
Sk Ali-Shafin

**TITLE**  
SAFETY ZONE PLAN  
GROUND FLOOR

<b>SEAL &amp; SIGNATURE</b>	<b>DRAWING BY:</b> KC <b>DATE:</b> 03/19/2021
	<b>PROJECT NO:</b> 18211.03.00
	<b>ENGINEER:</b> JS
	<b>SCALE:</b> AS NOTED
	<b>CHK BY:</b> JS
	<b>DWG NO:</b> SSP-201.05

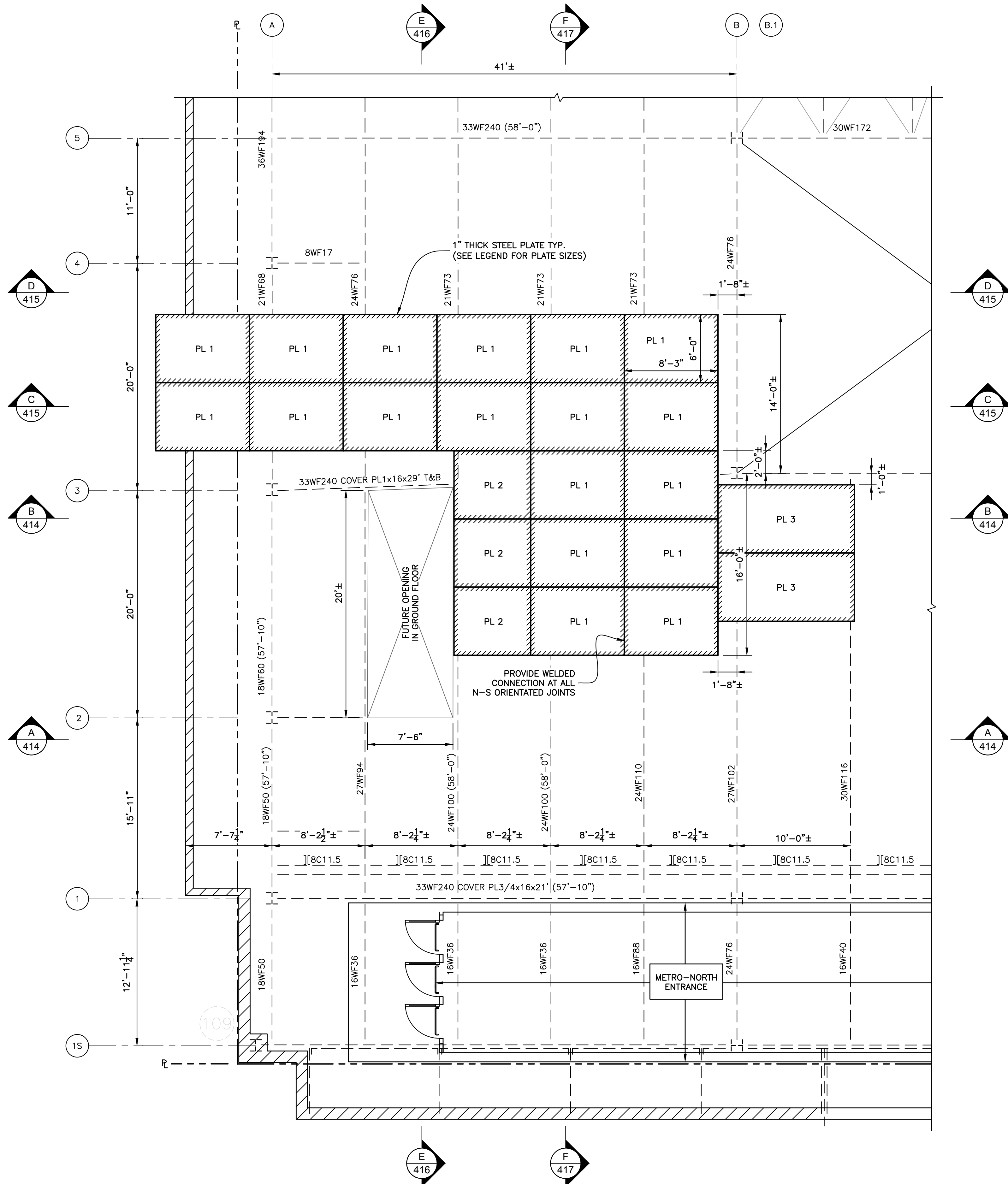
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LEGEND	
	PORTION OF GROUND FLOOR TO BE DEMOLISHED
	600 PSF PLATFORM PROTECTION OVER GROUND FLOOR TYP.
	16' HIGH SIDEWALK SHED TYP.
	8' HIGH SIDEWALK SHED TYP.
	STEEL PLATE TYP.
	STANDARD GUARDRAILS TYP.
	CONSTRUCTION FENCE TYP.
	SLIDING GATE TYP.
	YODOCKS TYP.

**GROUND FLOOR PARTIAL PLAN**  
Scale: 1/8" = 1'-0"

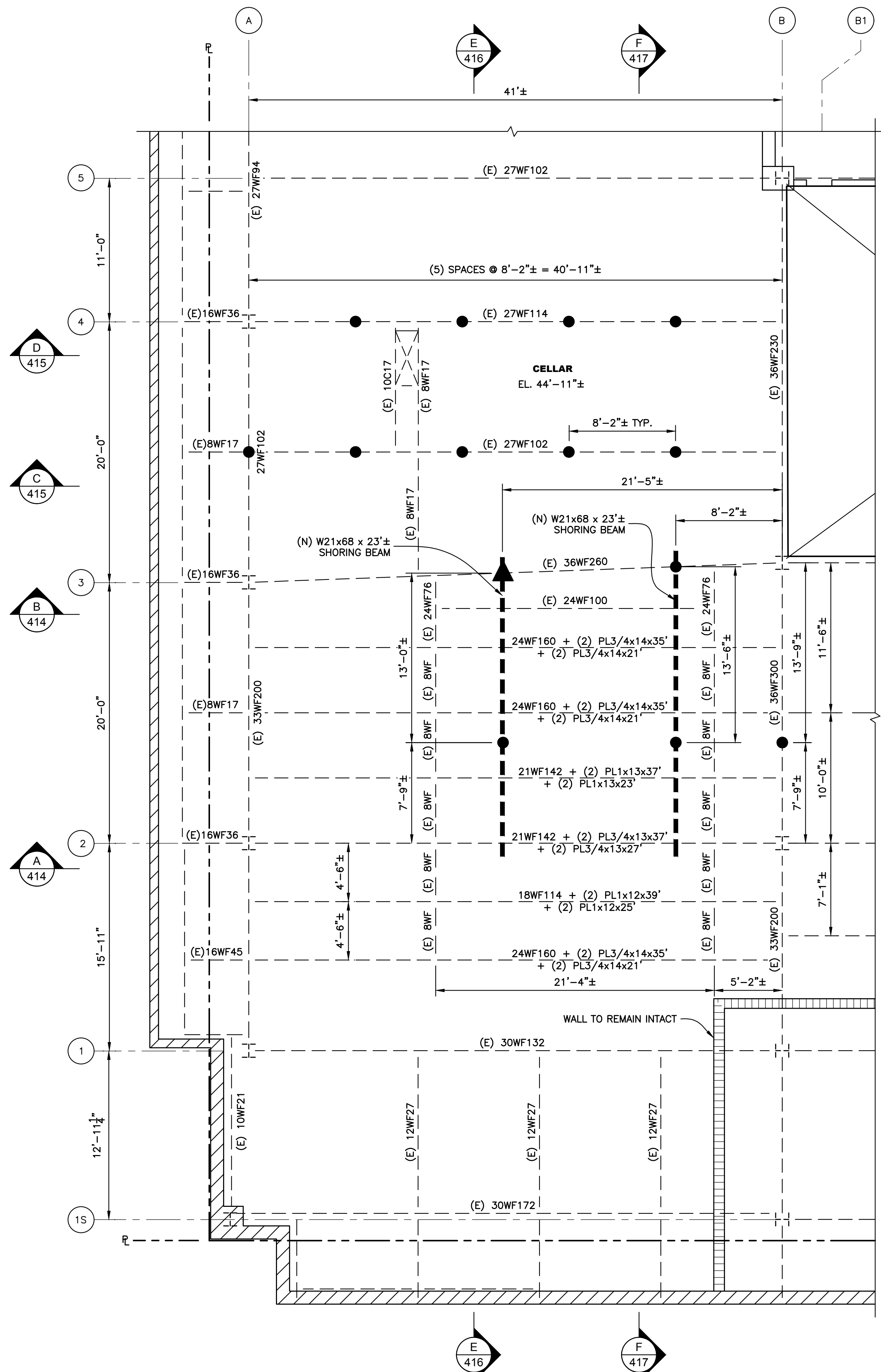
No.	DATE	DESCRIPTION	BY
<b>HOWARD I. SHAPIRO &amp; ASSOCIATES</b> CONSULTING ENGINEERS, P.C. 266 MERRICK ROAD, SUITE 300, LYNBROOK, N.Y. 11563 TEL: (516) 791-2600 FAX: (516) 791-5425 <small>COPYRIGHT DESIGN NOT TO BE LENT, COPIED, OR REPRODUCED IN WHOLE OR IN PART WITHOUT PRIOR WRITTEN CONSENT.</small> <small>THIS OFFICE DISCLAIMS ANY RESPONSIBILITY FOR DRAWINGS OR OTHER DOCUMENTS RELATED TO THIS PROJECT UNLESS THEY BEAR THE SIGNATURE AND SEAL OF A PROFESSIONAL ENGINEER OF THIS OFFICE. THE NEW YORK STATE EDUCATION LAW PROHIBITS ANY ALTERATIONS TO, OR DEVIATIONS FROM, THIS DRAWING EXCEPT AS MAY BE MADE BY A LICENSED PROFESSIONAL ENGINEER OR REGISTERED ARCHITECT WHO WILL BEAR THE RESPONSIBILITY FOR SUCH CHANGE.</small>			
CLIENT			
JOHN CIVETTA & SONS, INC. 1123 BRONX RIVER AVE, BRONX, NY 10472 PH: (718) 589-9000			
PROJECT			
PARTIAL DEMOLITION OF CELLAR SLABS FOR FOUNDATION CONSTRUCTION AT 270 PARK AVENUE, MANHATTAN, NY			
ZONING INFORMATION			
BLOCK: 1283 LOT: 21 ZONE: C5-3 ZONING MAP: 8D COMMUNITY BOARD: 105 BIN #: 1035421			
Sk Ali-Shafin  <b>APPROVED</b> AMENDED PLAN <b>04/01/2021</b>			
TITLE			
ACCESS HOLE SHORING & DEMOLITION GROUND FLOOR PARTIAL PLAN			
SEAL & SIGNATURE	DRAWING BY: KC	DATE: 03/19/2021	
	PROJECT NO: 18211.03.00	ENGINEER: JS	
	SCALE: AS NOTED	CHK BY: JS	
	DWG NO:	<b>SSP-411.00</b>	
			48 OF 69



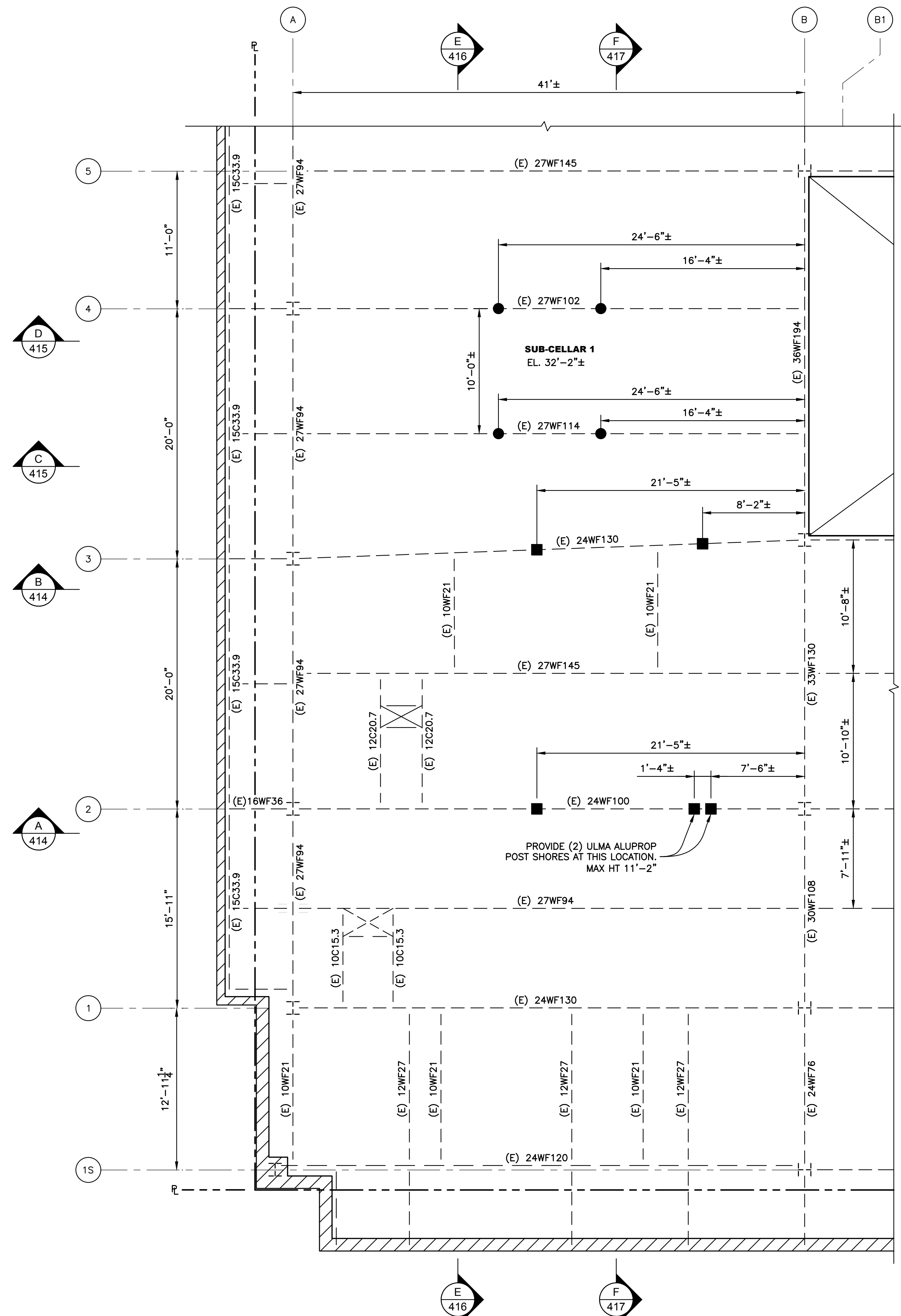
LEGEND	
	EXISTING EXTERIOR WALL TYP.
	EXISTING STEEL BEAM TYP.
	PL 1 PL1x72x8'-3" (36KSI)
	PL 2 PL1x72x6'-9" (36KSI)
	PL 3 PL1x72x12'-0" (36KSI)
	EXISTING COLUMN TYP.

GROUND FLOOR PLATING PLAN  
Scale: 3/16" = 1'-0"

No.	DATE	DESCRIPTION	BY
<b>HOWARD I. SHAPIRO &amp; ASSOCIATES</b> CONSULTING ENGINEERS, P.C.			
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<b>CLIENT</b> JOHN CIVETTA & SONS, INC. 1123 BRONX RIVER AVE, BRONX, NY 10472 PH: (718) 589-9000			
<b>PROJECT</b> PARTIAL DEMOLITION OF CELLAR SLABS FOR FOUNDATION CONSTRUCTION AT 270 PARK AVENUE, MANHATTAN, NY			
<b>ZONING INFORMATION</b> BLOCK: 1283 LOT: 21 ZONE: C5-3 ZONING MAP: 8D COMMUNITY BOARD: 105 BIN #: 1035421			
PLACE STICKER HERE			
<b>TITLE</b> ACCESS HOLE SHORING & DEMOLITION GROUND FLOOR STEEL PLATE LAYOUT			
<b>SEAL &amp; SIGNATURE</b>	<b>DRAWING BY:</b> KC <b>PROJECT NO:</b> 18211.03.00 <b>ENGINEER:</b> JS <b>SCALE:</b> AS NOTED <b>CHK BY:</b> JS <b>DWG NO:</b>	<b>DATE:</b> 03/19/2021	<b>SSP-412.00</b>
			49 OF 69



**PLAN VIEW - CELLAR**  
 Scale: 3/16" = 1'-0"  
 POSTS FROM CELLAR TO GROUND FLOOR

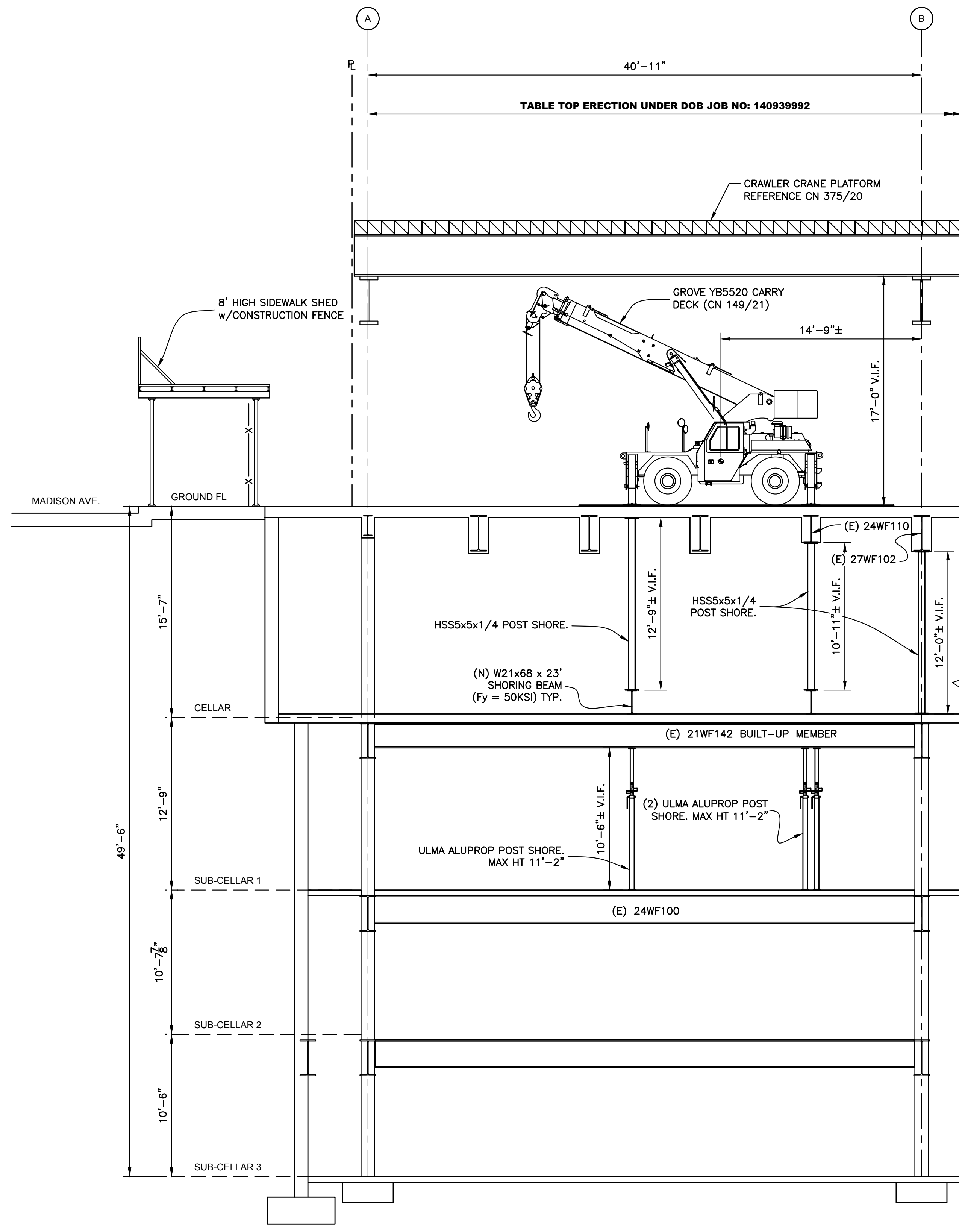


**PLAN VIEW - SUB-CELLAR 1**  
 Scale: 3/16" = 1'-0"  
 POSTS FROM SUB-CELLAR 1 TO CELLAR

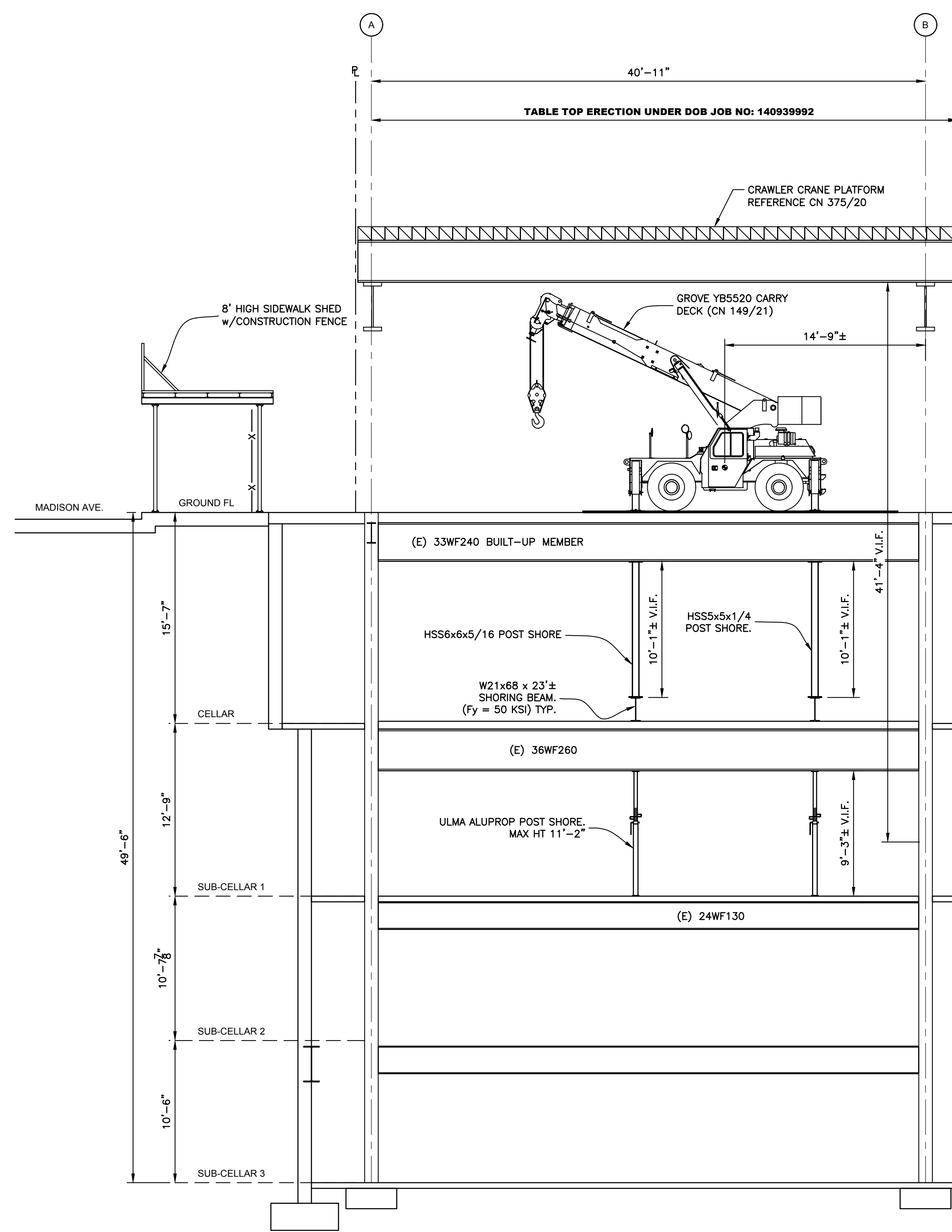
LEGEND	
	EXISTING EXTERIOR WALL TYP.
	EXISTING STEEL BEAM TYP.
	EXISTING COLUMN TYP.
	NEW SHORING BEAM
	HSS 6x6x5/16 POST SHORE
	HSS 5x5x1/4 POST SHORE
	ULMA ALUPROP POST SHORE. MAX. HT 11'-2"

- NOTES :**
- SHORING EQUIPMENT SHALL BE IN GOOD CONDITION AND IN GOOD WORKING ORDER. THE EQUIPMENT SHALL NOT BE BENT, DAMAGED, OR COMPROMISED IN ANY WAY. POST SHORES SHALL HAVE A FACTOR OF SAFETY OF 3.0.
  - ADJUSTABLE SHORES SHALL BE INSTALLED PLUMB AND SNUG-TIGHT. SHORES SHALL BE CONCENTRICALLY LOADED.
  - ALL STRUCTURAL STEEL WORK SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH THE LATEST AISC CODE OF STANDARD PRACTICE. STRUCTURAL STEEL SHALL BE NEW, CLEAN, AND STRAIGHT.
  - CONTRACTOR SHALL FIELD VERIFY DIMENSIONS BEFORE PURCHASING, FABRICATING, OR INSTALLING ANY MATERIAL.

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CLIENT JOHN CIVETTA & SONS, INC. 1123 BRONX RIVER AVE, BRONX, NY 10472 PH: (718) 589-9000			
PROJECT PARTIAL DEMOLITION OF CELLAR SLABS FOR FOUNDATION CONSTRUCTION AT 270 PARK AVENUE, MANHATTAN, NY			
ZONING INFORMATION BLOCK: 1283 LOT: 21 ZONE: C5-3 ZONING MAP: 8D COMMUNITY BOARD: 105 BIN #: 1035421			
 <b>APPROVED</b> <b>AMENDED PLAN</b> <b>04/01/2021</b>			
TITLE ACCESS HOLE SHORING & DEMOLITION SHORING INSTALLATION CELLAR & SUB-CELLAR SHORING PLANS			
SEAL & SIGNATURE	DRAWING BY: KC	DATE: 03/19/2021	
	PROJECT NO: 18211.03.00	ENGINEER: JS	
	SCALE: AS NOTED	CHK BY: JS	
	DWG NO:		
<b>SSP-413.00</b>			
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**SECTION A-A**  
Scale: 3/16" = 1'-0"

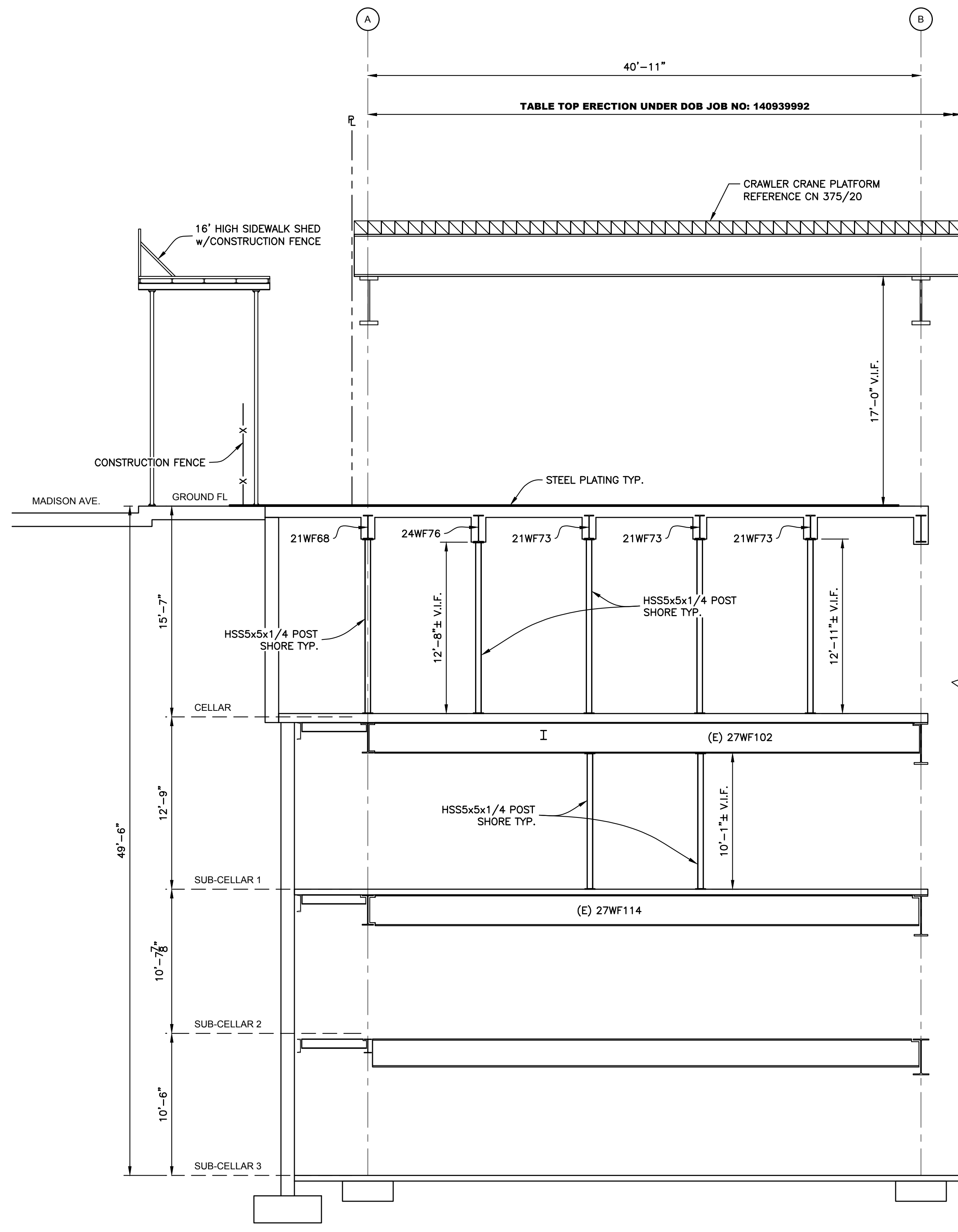


**SECTION B-B**  
Scale: 3/16" = 1'-0"

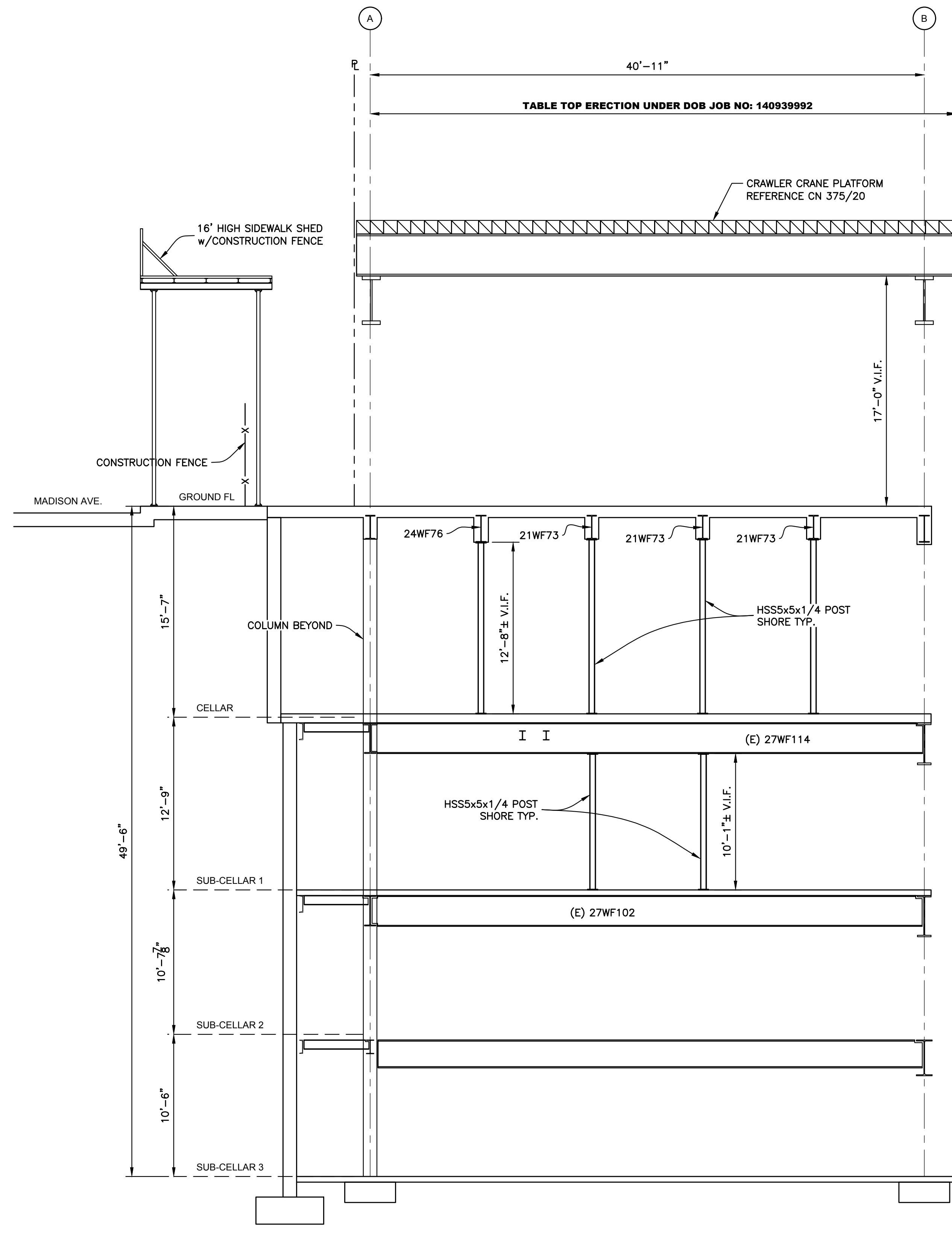
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- 1.2 ADJUSTABLE SHORES SHALL BE INSTALLED PLUMB AND SNUG-TIGHT. SHORES SHALL BE CONCENTRICALLY LOADED.
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<b>CLIENT</b>			
JOHN CIVETTA & SONS, INC. 1123 BRONX RIVER AVE, BRONX, NY 10472 PH: (718) 589-9000			
<b>PROJECT</b>			
PARTIAL DEMOLITION OF CELLAR SLABS FOR FOUNDATION CONSTRUCTION AT 270 PARK AVENUE, MANHATTAN, NY			
<b>ZONING INFORMATION</b>			
BLOCK: 1283 LOT: 21 ZONE: C5-3 ZONING MAP: 8D COMMUNITY BOARD: 105 BIN #: 1035421			
PLACE STICKER HERE			
			
<b>TITLE</b>			
ACCESS HOLE SHORING & DEMOLITION SHORING INSTALLATION SECTIONS A-A & B-B			
<b>SEAL &amp; SIGNATURE</b>	<b>DRAWING BY:</b> KC	<b>DATE:</b> 03/19/2021	
	<b>PROJECT NO:</b> 18211.03.00		
	<b>ENGINEER:</b> JS		
	<b>SCALE:</b> AS NOTED		
	<b>CHK BY:</b> JS		
	<b>DWG NO:</b>		
			<b>SSP-414.00</b>
			51 OF 69



**SECTION C-C**  
Scale : 3/16" = 1'-0"



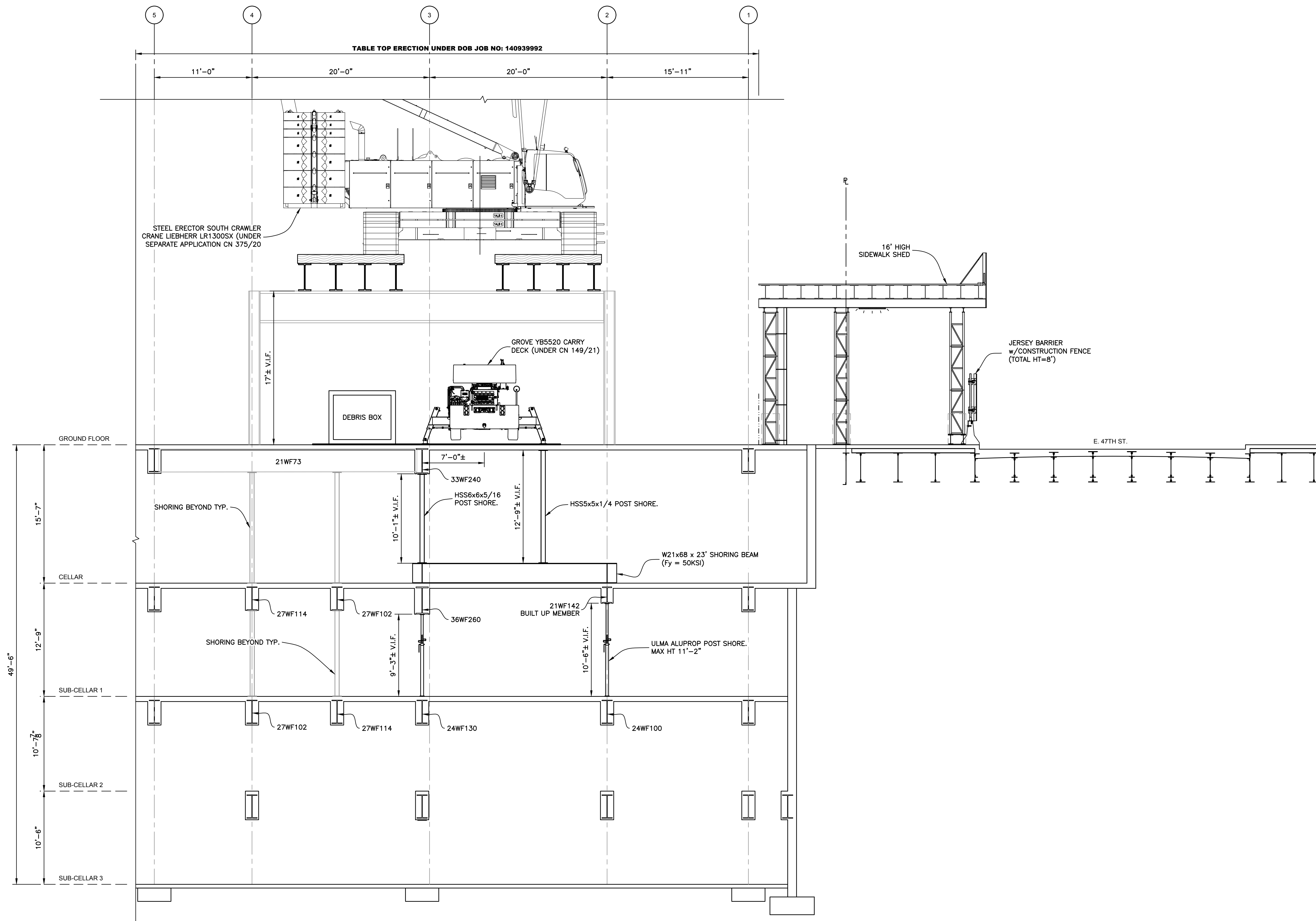
**SECTION D-D**  
Scale : 3/16" = 1'-0"

**NOTES :**

- 1.1 SHORING EQUIPMENT SHALL BE IN GOOD CONDITION AND IN GOOD WORKING ORDER. THE EQUIPMENT SHALL NOT BE BENT, DAMAGED, OR COMPROMISED IN ANY WAY. POST SHORES SHALL HAVE A FACTOR OF SAFETY OF 3.0.
- 1.2 ADJUSTABLE SHORES SHALL BE INSTALLED PLUMB AND SNUG-TIGHT. SHORES SHALL BE CONCENTRICALLY LOADED.
- 2.1 ALL STRUCTURAL STEEL WORK SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH THE LATEST AISC CODE OF STANDARD PRACTICE. STRUCTURAL STEEL SHALL BE NEW, CLEAN, AND STRAIGHT.
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PROJECT			
PARTIAL DEMOLITION OF CELLAR SLABS FOR FOUNDATION CONSTRUCTION AT 270 PARK AVENUE, MANHATTAN, NY			
ZONING INFORMATION			
BLOCK: 1283 LOT: 21 ZONE: C5-3 ZONING MAP: 8D COMMUNITY BOARD: 105 BIN #: 1035421			
<p>PLACE STICKER HERE</p> 			
TITLE			
ACCESS HOLE SHORING & DEMOLITION SHORING INSTALLATION SECTIONS C-C & D-D			
SEAL & SIGNATURE	DRAWING BY: KC	DATE: 03/19/2021	
	PROJECT NO: 18211.03.00	ENGINEER: JS	
	SCALE: AS NOTED	CHK BY: JS	
	DWG NO:		
			<b>SSP-415.00</b>
			<small>52 OF 69</small>

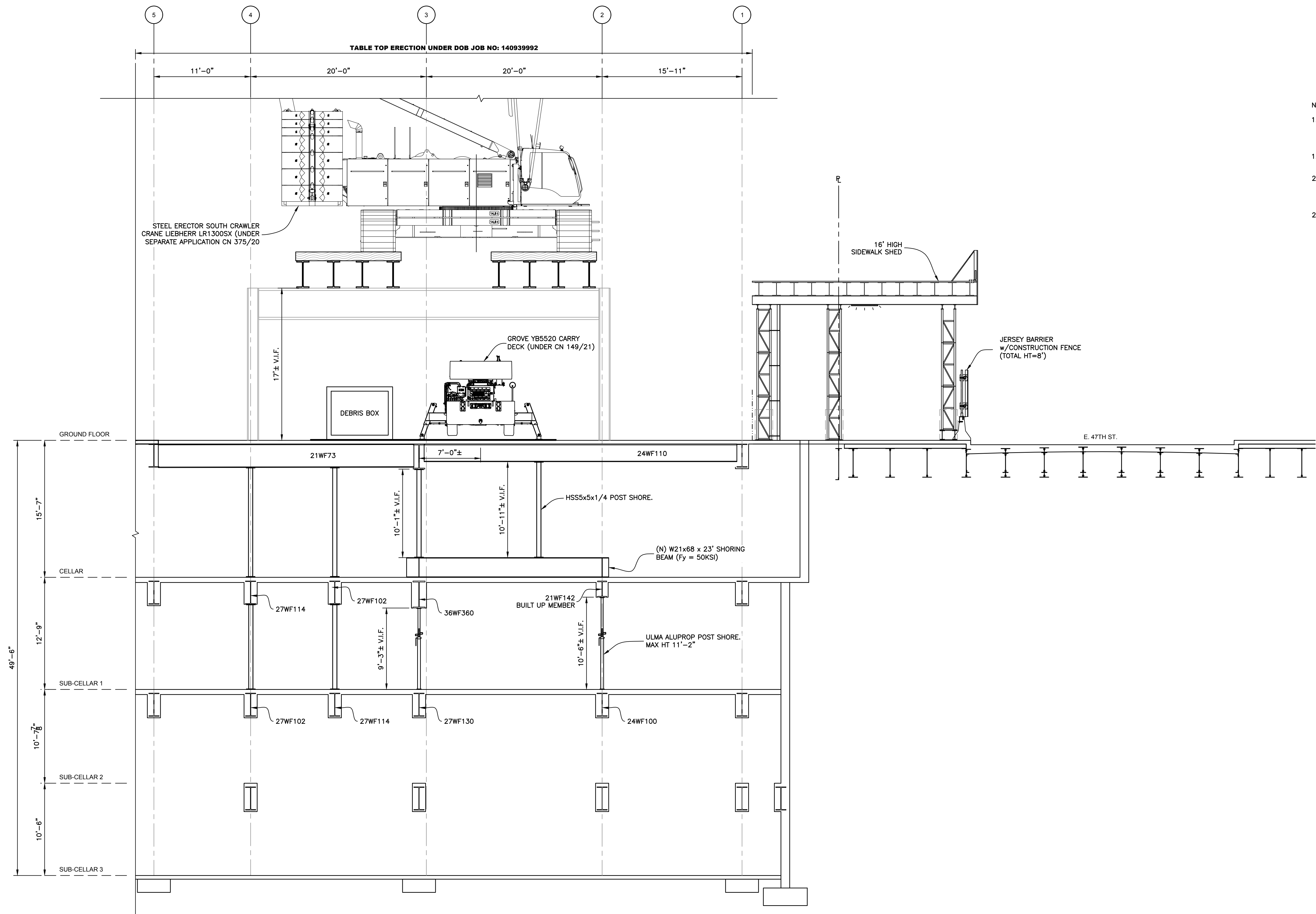




- NOTES :
- 1.1 SHORING EQUIPMENT SHALL BE IN GOOD CONDITION AND IN GOOD WORKING ORDER. THE EQUIPMENT SHALL NOT BE BENT, DAMAGED, OR COMPROMISED IN ANY WAY. POST SHORES SHALL HAVE A FACTOR OF SAFETY OF 3.0.
  - 1.2 ADJUSTABLE SHORES SHALL BE INSTALLED PLUMB AND SNUG-TIGHT. SHORES SHALL BE CONCENTRICALLY LOADED.
  - 2.1 ALL STRUCTURAL STEEL WORK SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH THE LATEST AISC CODE OF STANDARD PRACTICE. STRUCTURAL STEEL SHALL BE NEW, CLEAN, AND STRAIGHT.
  - 2.2 CONTRACTOR SHALL FIELD VERIFY DIMENSIONS BEFORE PURCHASING, FABRICATING, OR INSTALLING ANY MATERIAL.


SECTION E-E  
Scale : 3/16" = 1'-0"

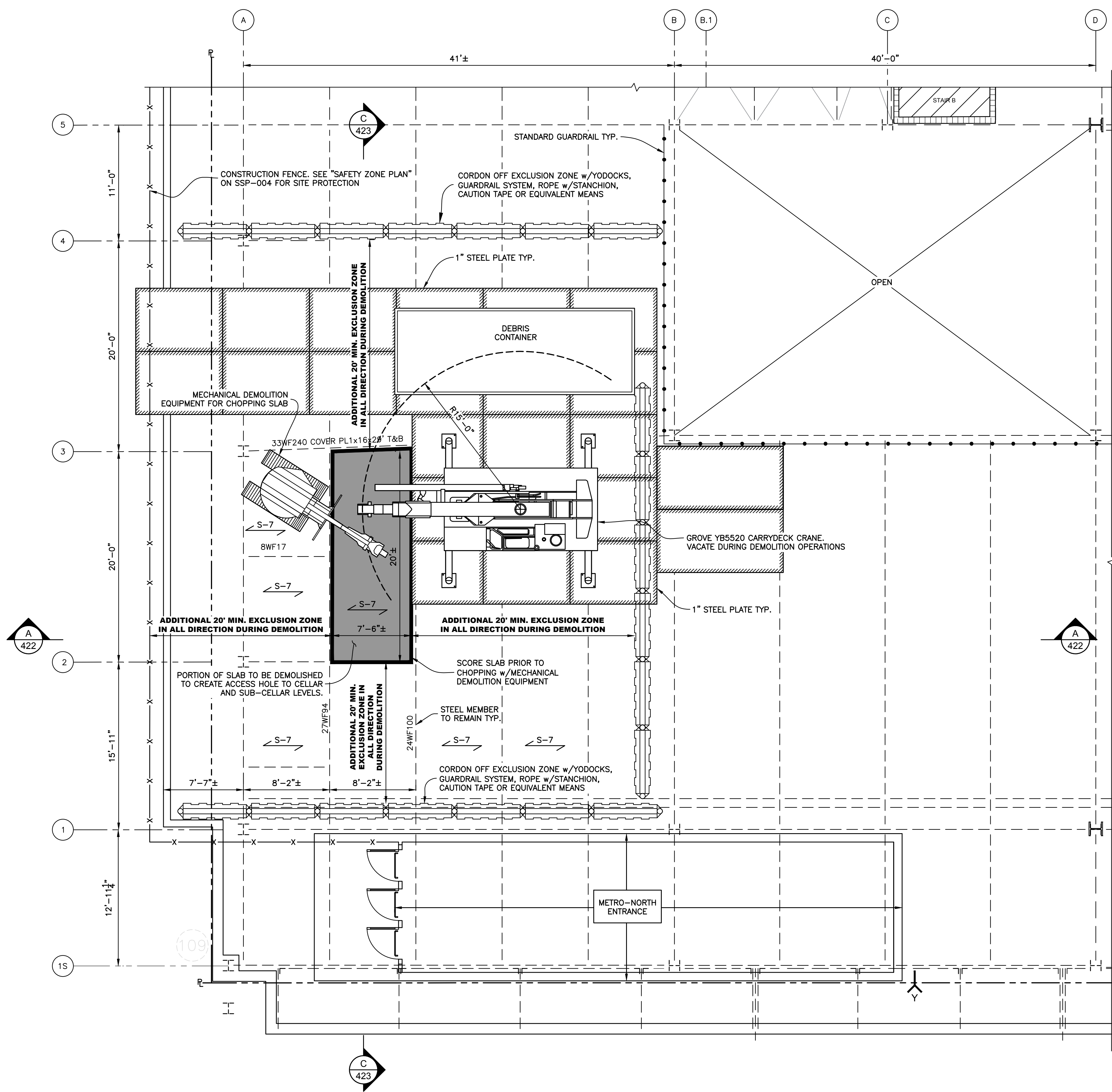
No.	DATE	DESCRIPTION	BY
<b>HOWARD I. SHAPIRO &amp; ASSOCIATES</b> CONSULTING ENGINEERS, P.C.			
266 MERRICK ROAD, SUITE 300, LYNBROOK, N.Y. 11563 TEL: (516) 791-2600 FAX: (516) 791-5425 <small>COPYRIGHT DESIGN NOT TO BE LENT, COPIED, OR REPRODUCED IN WHOLE OR IN PART WITHOUT PRIOR WRITTEN CONSENT.</small> <small>THIS OFFICE DISCLAIMS ANY RESPONSIBILITY FOR DRAWINGS OR OTHER DOCUMENTS RELATED TO THIS PROJECT UNLESS THEY BEAR THE SIGNATURE AND SEAL OF A PROFESSIONAL ENGINEER OF THIS OFFICE. THE NEW YORK STATE EDUCATION LAW PROHIBITS ANY ALTERATIONS TO, OR DELETIONS FROM, THIS DRAWING EXCEPT AS MAY BE MADE BY A LICENSED PROFESSIONAL ENGINEER OR REGISTERED ARCHITECT WHO WILL BEAR THE RESPONSIBILITY FOR SUCH CHANGE.</small>			
<b>CLIENT</b> JOHN CIVETTA & SONS, INC. 1123 BRONX RIVER AVE, BRONX, NY 10472 PH: (718) 589-9000			
<b>PROJECT</b> PARTIAL DEMOLITION OF CELLAR SLABS FOR FOUNDATION CONSTRUCTION AT 270 PARK AVENUE, MANHATTAN, NY			
<b>ZONING INFORMATION</b> BLOCK: 1283 LOT: 21 ZONE: C5-3 ZONING MAP: 8D COMMUNITY BOARD: 105 BIN #: 1035421			
PLACE STICKER HERE			
<b>TITLE</b> ACCESS HOLE SHORING & DEMOLITION SHORING INSTALLATION SECTION E-E			
<b>SEAL &amp; SIGNATURE</b>		<b>DRAWING BY:</b> KC <b>DATE:</b> 03/19/2021 <b>PROJECT NO:</b> 18211.03.00 <b>ENGINEER:</b> JS <b>SCALE:</b> AS NOTED <b>CHK BY:</b> JS <b>DWG NO:</b>	
		<b>SSP-416.00</b>	
			53 OF 69



- NOTES :
- 1.1 SHORING EQUIPMENT SHALL BE IN GOOD CONDITION AND IN GOOD WORKING ORDER. THE EQUIPMENT SHALL NOT BE BENT, DAMAGED, OR COMPROMISED IN ANY WAY. POST SHORES SHALL HAVE A FACTOR OF SAFETY OF 3.0.
  - 1.2 ADJUSTABLE SHORES SHALL BE INSTALLED PLUMB AND SNUG-TIGHT. SHORES SHALL BE CONCENTRICALLY LOADED.
  - 2.1 ALL STRUCTURAL STEEL WORK SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH THE LATEST AISC CODE OF STANDARD PRACTICE. STRUCTURAL STEEL SHALL BE NEW, CLEAN, AND STRAIGHT.
  - 2.2 CONTRACTOR SHALL FIELD VERIFY DIMENSIONS BEFORE PURCHASING, FABRICATING, OR INSTALLING ANY MATERIAL.

SECTION F-F  
Scale : 3/16" = 1'-0"

No.	DATE	DESCRIPTION	BY
<b>HOWARD I. SHAPIRO &amp; ASSOCIATES</b> CONSULTING ENGINEERS, P.C.			
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<b>CLIENT</b> JOHN CIVETTA & SONS, INC. 1123 BRONX RIVER AVE, BRONX, NY 10472 PH: (718) 589-9000			
<b>PROJECT</b> PARTIAL DEMOLITION OF CELLAR SLABS FOR FOUNDATION CONSTRUCTION AT 270 PARK AVENUE, MANHATTAN, NY			
<b>ZONING INFORMATION</b> BLOCK: 1283 LOT: 21 ZONE: C5-3 ZONING MAP: 8D COMMUNITY BOARD: 105 BIN #: 1035421			
PLACE STICKER HERE			
<b>TITLE</b> ACCESS HOLE SHORING & DEMOLITION SHORING INSTALLATION SECTION F-F			
<b>SEAL &amp; SIGNATURE</b>		<b>DRAWING BY:</b> KC <b>DATE:</b> 03/19/2021 <b>PROJECT NO:</b> 18211.03.00 <b>ENGINEER:</b> JS <b>SCALE:</b> AS NOTED <b>CHK BY:</b> JS <b>DWG NO:</b>	
		<b>SSP-417.00</b>	
			54 OF 69



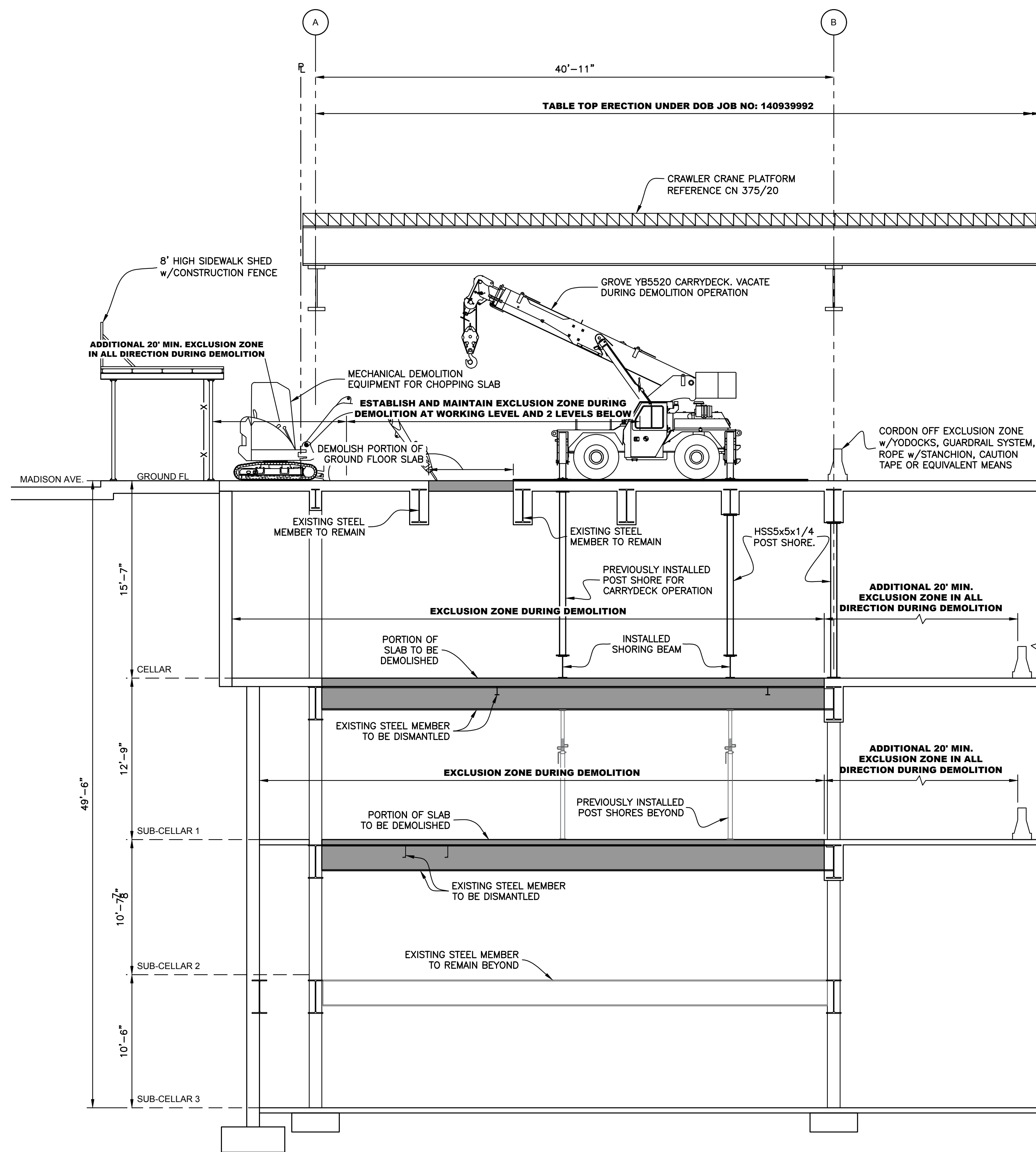
GROUND FLOOR - PARTIAL FRAMING PLAN  
Scale : 3/16" = 1'-0"

**NOTES :**

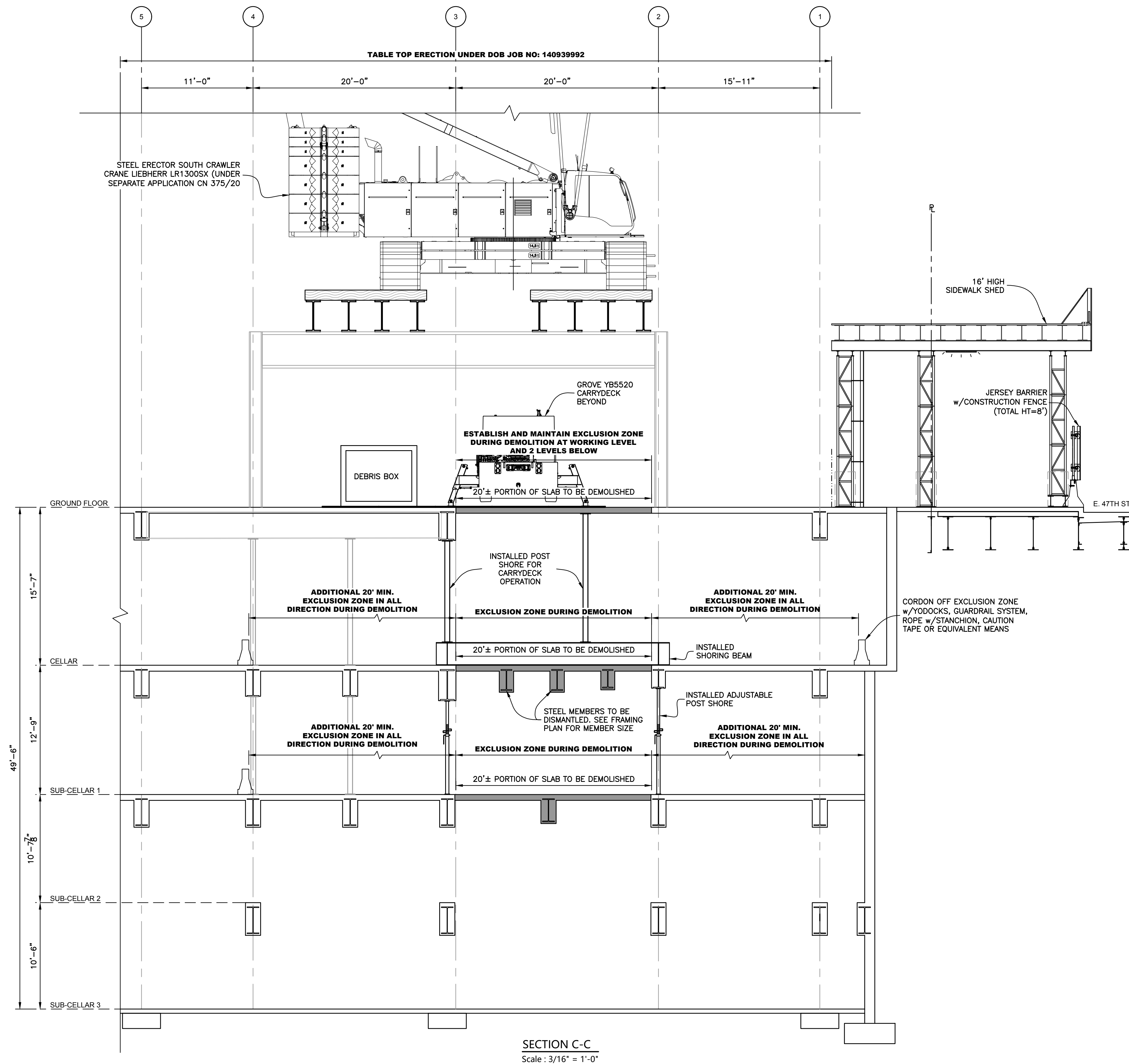
- 1.0 REFER TO SSP-002 FOR GENERAL NOTES AND SAFEGUARDS DURING DEMOLITION.
- 2.0 DEMOLITION OF GROUND FLOOR SLAB :
  - 2.1 PRIOR TO DEMOLITION, INSTALL STEEL PLATES AND SHORING FOR CARRYDECK. SEE SSP-412 FOR STEEL PLATE LAYOUT AND SSP-412 TO SSP-417 FOR SHORING INSTALLATION DETAILS.
  - 2.2 PRIOR TO DEMOLITION, REVIEW DEMOLITION MECHANICAL EQUIPMENT USE NOTES ON SSP-002.
  - 2.3 MARK OUT CUT LINES FOR AREAS WHERE SLAB WILL BE DEMOLISHED. SCORE SLAB TO DEFINE THE BOUNDARY OF THE DEMOLITION AREA AND TO PRESERVE THE WIRE REINFORCING STEEL. WELD REBAR TO STEEL BEAM TO MAINTAIN ANCHORAGE PRIOR TO DEMOLISHING SLAB.  
THE SPAN OF SLAB SHOWN HEREIN IS BASED ON THE ORIGINAL STRUCTURAL DRAWINGS. IF IT IS FOUND THAT THE ORIENTATION OF THE REINFORCEMENT DIFFERS FROM WHAT IS SHOWN, CONTACT THE ENGINEER AS NEEDED.
  - 2.4 VACATE THE AREA AT CELLAR AND SUB-CELLAR 1 DIRECTLY BELOW THE PORTION OF SLAB TO BE DEMOLISHED PLUS AN ADDITIONAL 20' IN ALL DIRECTIONS AS AN EXCLUSION ZONE FOR PROTECTION AGAINST FALLING DEBRIS. NO INDIVIDUAL SHALL BE PERMITTED IN THE EXCLUSION ZONE WHILE DEMOLITION IS IN PROGRESS.  
PROVIDE STANDARD GUARDRAIL, YODOCKS, CAUTION TAPE, ROPE w/STANCHION OR EQUIVALENT TO DEMARK EXCLUSION ZONE.
  - 2.5 CHOP CONCRETE SLAB AND BEAM ENCASUREMENT USING MECHANICAL EQUIPMENT.  
THE CONCRETE DEMOLITION SHALL NOT COMPROMISE THE INTEGRITY OF THE STEEL FRAMING BRACING THE BUILDING COLUMNS. FLANGES AND WEBS SHALL NOT BE PERFORATED OR OTHERWISE DAMAGED BY THE DEMOLITION EQUIPMENT.  
DEBRIS SHALL BE ADEQUATELY WETTED TO PREVENT DUST ACCUMULATION.
  - 2.6 CONCRETE DEBRIS IS PERMITTED TO DROP TO CELLAR LEVEL. PERIODICALLY CLEAN UP THE DEBRIS FROM CELLAR USING THE CARRYDECK CRANE.  
AT THE END OF EACH WORK DAY, REMOVE DEBRIS ACCUMULATION.
  - 2.7 INSTALL GUARDRAILS AS LEADING EDGES ARE CREATED BY THE DEMOLITION OF THE SLABS.
  - 2.8 IF SLAB IS DEMOLISHED BY HAND METHODS, MEN SHALL TIE OFF AND STAND ON PLANKS WHEN CHOPPING SLAB.

LEGEND	
	SLAB TO BE DEMOLISHED
	SCORE SLAB TYP.
	EXISTING STEEL MEMBERS TO REMAIN TYP.
	YODOCK TYP.
	STANDARD GUARDRAIL TYP.
	CONSTRUCTION FENCE TYP.
	SPAN OF SLAB TYP.

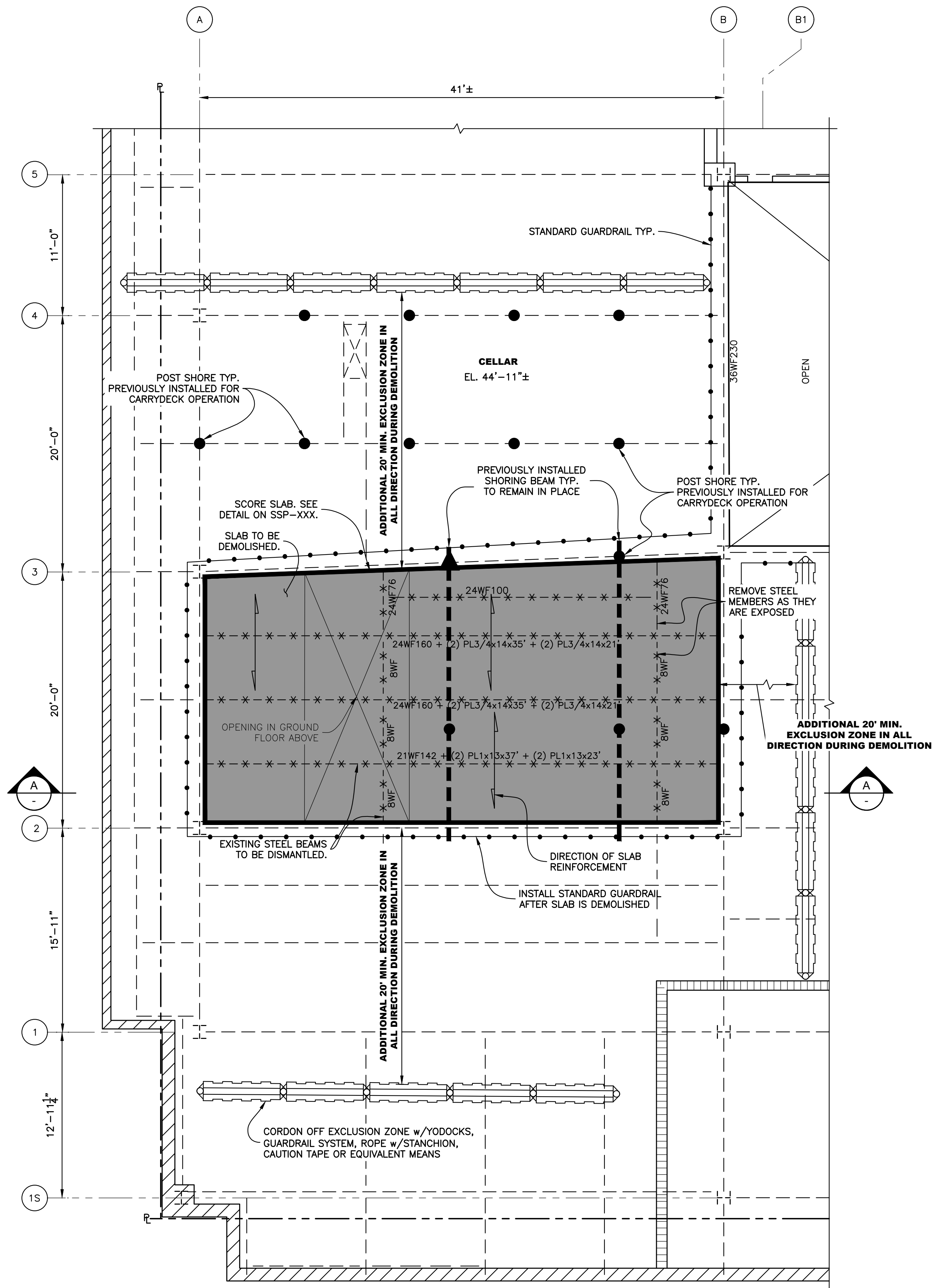
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<b>HOWARD I. SHAPIRO &amp; ASSOCIATES</b> CONSULTING ENGINEERS, P.C. 266 MERRICK ROAD, SUITE 300, LYNBROOK, N.Y. 11563 TEL: (516) 791-2600 FAX: (516) 791-5425 <small>COPYRIGHT DESIGN NOT TO BE LENT, COPIED, OR REPRODUCED IN WHOLE OR IN PART WITHOUT PRIOR WRITTEN CONSENT.</small> <small>THIS OFFICE DISCLAIMS ANY RESPONSIBILITY FOR DRAWINGS OR OTHER DOCUMENTS RELATED TO THIS PROJECT UNLESS THEY BEAR THE SIGNATURE AND SEAL OF A PROFESSIONAL ENGINEER OF THIS OFFICE. THE NEW YORK STATE EDUCATION LAW PROHIBITS ANY ALTERATIONS TO, OR DELETIONS FROM, THIS DRAWING EXCEPT AS MAY BE MADE BY A LICENSED PROFESSIONAL ENGINEER OR REGISTERED ARCHITECT WHO WILL BEAR THE RESPONSIBILITY FOR SUCH CHANGE.</small>			
CLIENT			
JOHN CIVETTA & SONS, INC. 1123 BRONX RIVER AVE, BRONX, NY 10472 PH: (718) 589-9000			
PROJECT			
PARTIAL DEMOLITION OF CELLAR SLABS FOR FOUNDATION CONSTRUCTION AT 270 PARK AVENUE, MANHATTAN, NY			
ZONING INFORMATION			
BLOCK: 1283 LOT: 21 ZONE: C5-3 ZONING MAP: 8D COMMUNITY BOARD: 105 BIN #: 1035421			
 <b>APPROVED</b> AMENDED PLAN <b>04/01/2021</b>			
TITLE			
ACCESS HOLE SHORING & DEMOLITION SLAB DEMOLITION GROUND FLOOR - PARTIAL PLAN			
SEAL & SIGNATURE	DRAWING BY: KC	DATE: 03/19/2021	
	PROJECT NO: 18211.03.00	ENGINEER: JS	
	SCALE: AS NOTED	CHK BY: JS	
	DWG NO:	<b>SSP-421.00</b>	
55 OF 69			



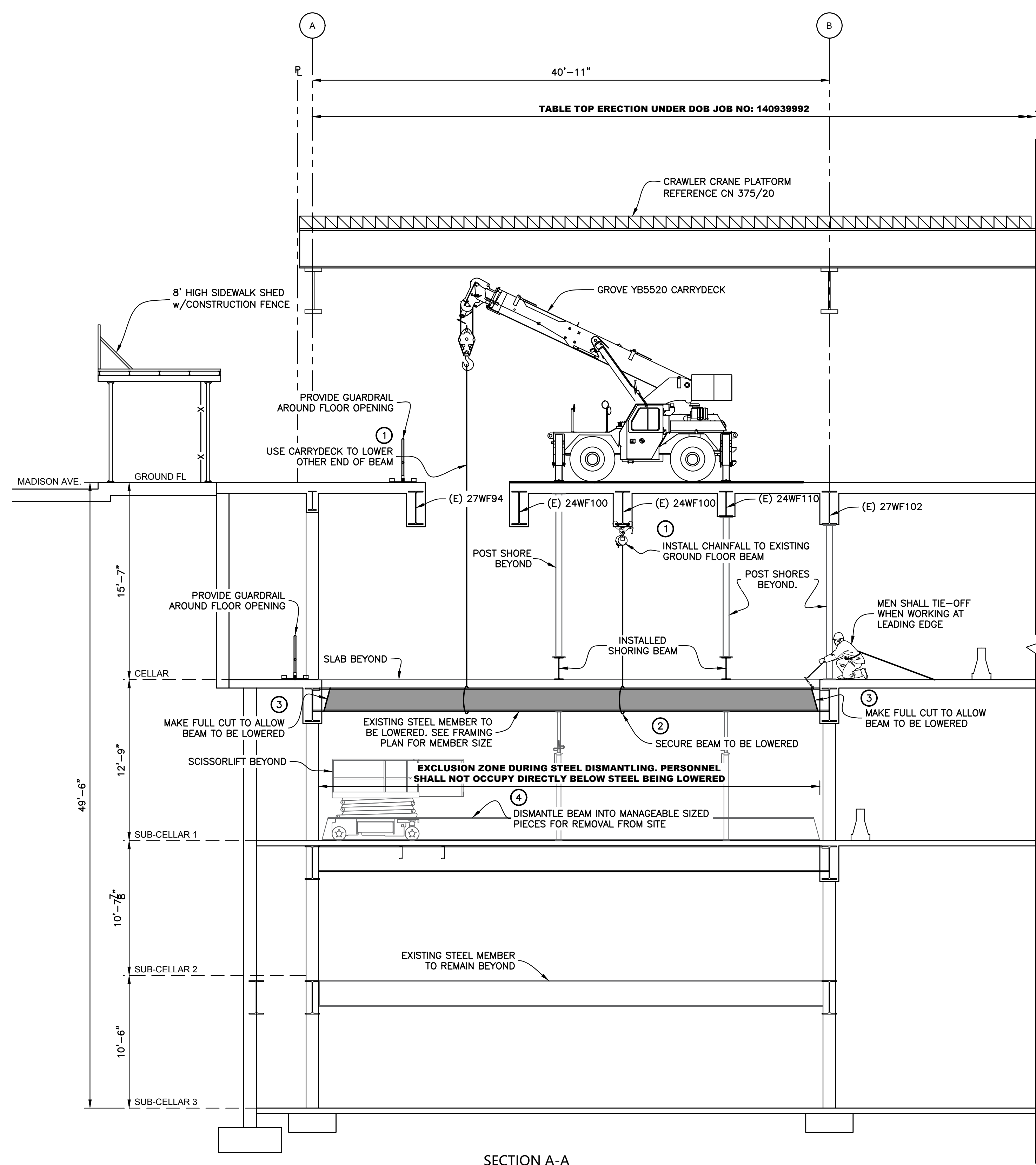
No.	DATE	DESCRIPTION	BY
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<b>CLIENT</b> JOHN CIVETTA & SONS, INC. 1123 BRONX RIVER AVE, BRONX, NY 10472 PH: (718) 589-9000			
<b>PROJECT</b> PARTIAL DEMOLITION OF CELLAR SLABS FOR FOUNDATION CONSTRUCTION AT 270 PARK AVENUE, MANHATTAN, NY			
<b>ZONING INFORMATION</b> BLOCK: 1283 LOT: 21 ZONE: C5-3 ZONING MAP: 8D COMMUNITY BOARD: 105 BIN #: 1035421			
PLACE STICKER HERE			
<b>TITLE</b> ACCESS HOLE SHORING & DEMOLITION SLAB - DEMOLITION - SECTION A-A			
<b>SEAL &amp; SIGNATURE</b>		<b>DRAWING BY:</b> KC <b>DATE:</b> 03/19/2021 <b>PROJECT NO:</b> 18211.03.00 <b>ENGINEER:</b> JS <b>SCALE:</b> AS NOTED <b>CHK BY:</b> JS <b>DWG NO:</b>	
		<b>SSP-422.00</b>	
<small>56 OF 69</small>			



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<b>CLIENT</b> JOHN CIVETTA & SONS, INC. 1123 BRONX RIVER AVE, BRONX, NY 10472 PH: (718) 589-9000			
<b>PROJECT</b> PARTIAL DEMOLITION OF CELLAR SLABS FOR FOUNDATION CONSTRUCTION AT 270 PARK AVENUE, MANHATTAN, NY			
<b>ZONING INFORMATION</b> BLOCK: 1283 LOT: 21 ZONE: C5-3 ZONING MAP: 8D COMMUNITY BOARD: 105 BIN #: 1035421			
PLACE STICKER HERE			
<b>TITLE</b> ACCESS HOLE SHORING & DEMOLITION SLAB DEMOLITION - SECTION C-C			
<b>SEAL &amp; SIGNATURE</b>		<b>DRAWING BY:</b> KC <b>DATE:</b> 03/19/2021 <b>PROJECT NO:</b> 18211.03.00 <b>ENGINEER:</b> JS <b>SCALE:</b> AS NOTED <b>CHK BY:</b> JS <b>DWG NO:</b>	
		<b>SSP-423.00</b>	
		57 OF 69	



**CELLAR - PARTIAL FRAMING PLAN**  
Scale: 3/16" = 1'-0"

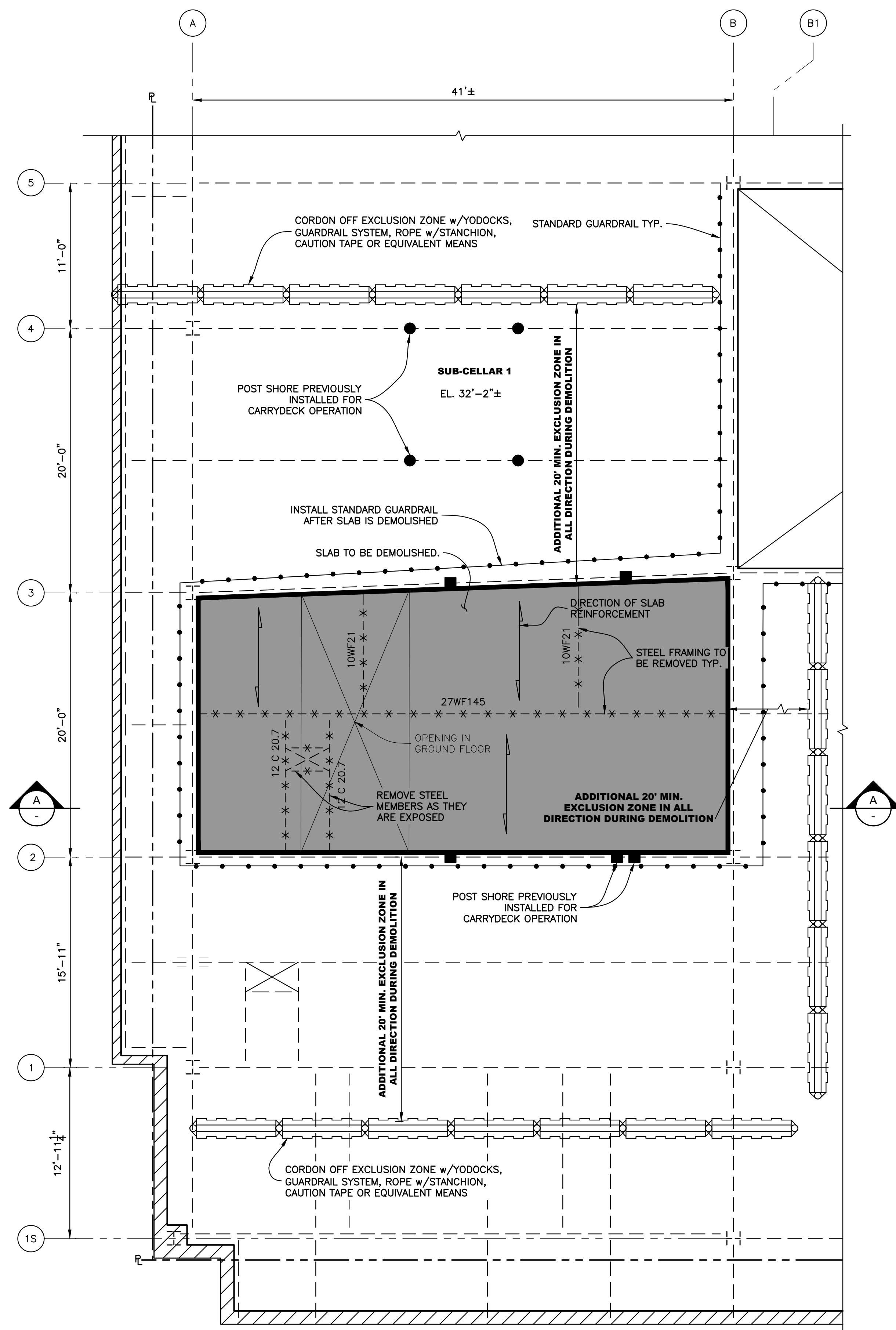


**SECTION A-A**  
Scale: 3/16" = 1'-0"

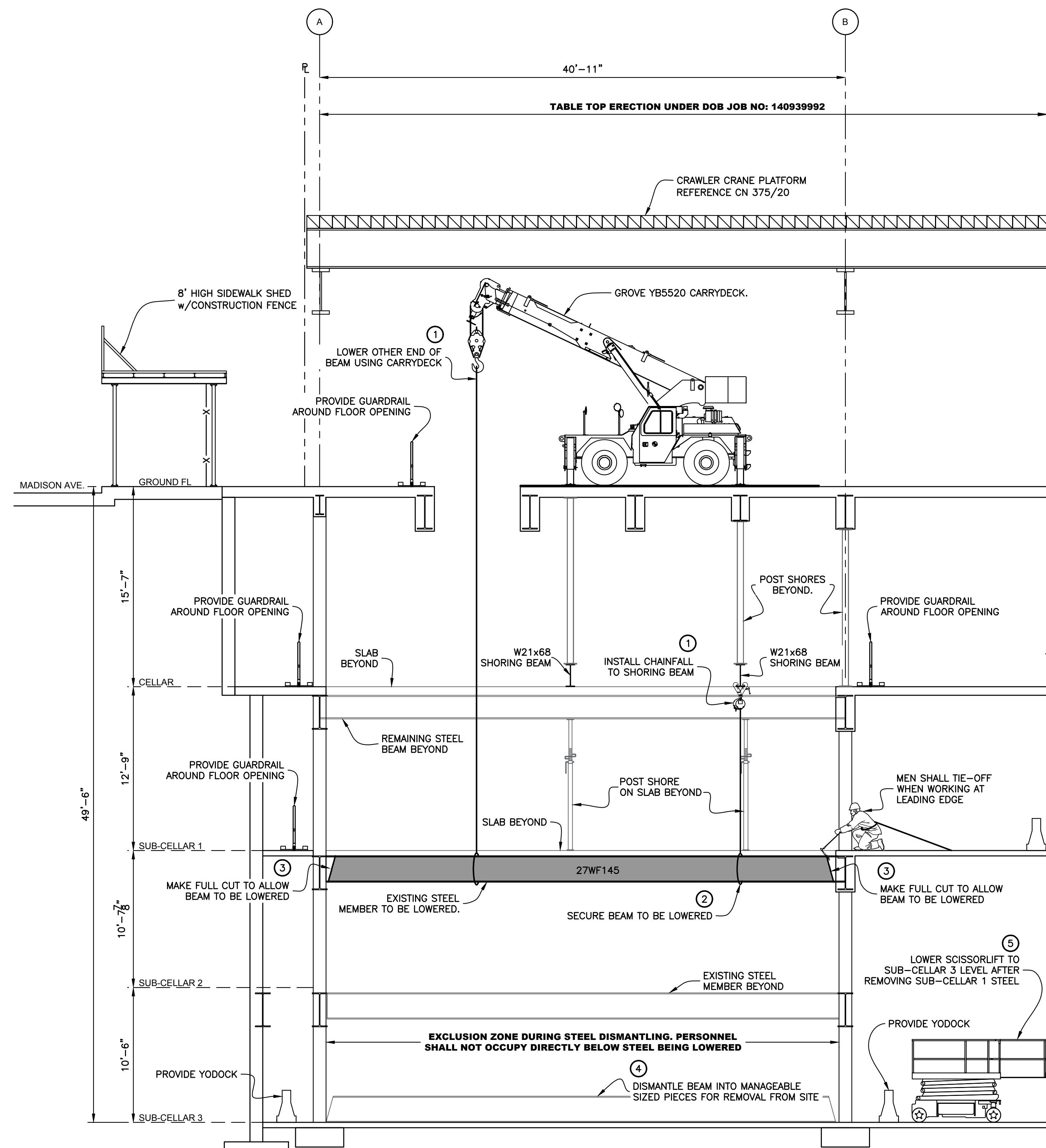
LEGEND	
	SLAB TO BE DEMOLISHED
	SCORE SLAB TYP.
	STANDARD GUARDRAIL TYP.
	EXISTING STEEL MEMBERS TO REMAIN TYP.
	STEEL BEAMS TO BE REMOVED
	SHORING BEAMS TYP.
	HSS 6x6x5/16 POST SHORE TYP.
	HSS 5x5x1/4 POST SHORE TYP.
	ADJUSTABLE POST SHORE TYP.

- NOTES:**
- PRIOR TO COMMENCING DEMOLITION, ENFORCE EXCLUSION ZONES AT THE WORK AREA AND AN ADDITIONAL 20' IN ALL DIRECTIONS SURROUNDING THE WORK AREA AT THE WORKING LEVEL.  
VACATE THE AREA AT SUB-CELLAR 1 TO SUB-CELLAR 3 DIRECTLY BELOW THE PORTION OF SLAB TO BE DEMOLISHED PLUS AN ADDITIONAL 20' IN ALL DIRECTIONS AS AN EXCLUSION ZONE FOR PROTECTION AGAINST FALLING DEBRIS. NO INDIVIDUAL SHALL BE PERMITTED IN THE EXCLUSION ZONE WHILE DEMOLITION IS IN PROGRESS.  
PROVIDE STANDARD GUARDRAIL, YODOCKS, CAUTION TAPE, ROPE w/STANCHION OR EQUIVALENT TO DEMARK EXCLUSION ZONE.
  - DEMOLISH PORTION OF SLAB AS SHOWN IN PLAN BETWEEN 2 AND 3 LINES WITH MECHANICAL DEMOLITION EQUIPMENT. SEE NOTE 2.3 ON SSP-421.  
MECHANICAL DEMOLITION EQUIPMENT TO MAINTAIN A MINIMUM OF 3' EDGE DISTANCE BETWEEN EDGE OF BLADE OR TRACK AND WORKING FACE DURING SLAB DEMOLITION.
  - CUT AND PICK EXISTING 8WF STEEL MEMBERS WITH MECHANICAL EQUIPMENT AS THEY ARE EXPOSED.  
USE CHAINFALL AND CARRYDECK CRANE TO LOWER THE REMAINING STEEL MEMBERS TO SUB-CELLAR 1. REMOVE ALL ENCASUREMENT PRIOR TO LOWERING STEEL.
  - INSTALL STANDARD GUARDRAIL AROUND FLOOR OPENING.

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CLIENT			
JOHN CIVETTA & SONS, INC. 1123 BRONX RIVER AVE, BRONX, NY 10472 PH: (718) 589-9000			
PROJECT			
PARTIAL DEMOLITION OF CELLAR SLABS FOR FOUNDATION CONSTRUCTION AT 270 PARK AVENUE, MANHATTAN, NY			
ZONING INFORMATION			
BLOCK: 1283 LOT: 21 ZONE: C5-3 ZONING MAP: 8D COMMUNITY BOARD: 105 BIN #: 1035421			
 <b>APPROVED</b> <b>AMENDED PLAN</b> <b>04/01/2021</b>			
TITLE			
ACCESS HOLE SHORING & DEMOLITION SLAB DEMOLITION - CELLAR PLAN & SECTION A-A			
SEAL & SIGNATURE	DRAWING BY: KC	DATE: 03/19/2021	
	PROJECT NO: 18211.03.00		
	ENGINEER: JS		
	SCALE: AS NOTED		
	CHK BY: JS		
	DWG NO:		
	<b>SSP-424.00</b>		
			58 OF 69



**SUB-CELLAR 1 - PARTIAL FRAMING PLAN**  
Scale: 3/16" = 1'-0"



**SECTION A-A**  
Scale: 3/16" = 1'-0"

**NOTES:**

- PRIOR TO COMMENCING DEMOLITION, ENFORCE EXCLUSION ZONES AT THE WORK AREA AND AN ADDITIONAL 20' IN ALL DIRECTIONS SURROUNDING THE WORK AREA AT THE WORKING LEVEL.  
VACATE THE AREA AT SUB-CELLAR 3 DIRECTLY BELOW THE PORTION OF SLAB TO BE DEMOLISHED PLUS AN ADDITIONAL 20' IN ALL DIRECTIONS AS AN EXCLUSION ZONE FOR PROTECTION AGAINST FALLING DEBRIS. NO INDIVIDUAL SHALL BE PERMITTED IN THE EXCLUSION ZONE WHILE DEMOLITION IS IN PROGRESS.  
PROVIDE STANDARD GUARDRAIL, YODOCKS, CAUTION TAPE, ROPE w/STANCHION OR EQUIVALENT TO DEMARK EXCLUSION ZONE.
- DEMOLISH PORTION OF SLAB AS SHOWN IN PLAN BETWEEN 2 AND 3 LINES WITH MECHANICAL DEMOLITION EQUIPMENT. SEE NOTE 2.3 ON SSP-421.  
MECHANICAL DEMOLITION EQUIPMENT TO MAINTAIN A MINIMUM OF 3' EDGE DISTANCE BETWEEN EDGE OF BLADE OR TRACK AND WORKING FACE DURING SLAB DEMOLITION.
- CUT AND PICK EXISTING 10WF AND 12C STEEL MEMBERS WITH MECHANICAL EQUIPMENT AS THEY ARE EXPOSED.  
USE CHAINFALL AND CARRYDECK CRANE TO LOWER THE REMAINING STEEL MEMBERS TO SUB-CELLAR 3. REMOVE ALL ENCASUREMENT PRIOR TO LOWERING STEEL.
- INSTALL STANDARD GUARDRAIL AROUND FLOOR OPENING.

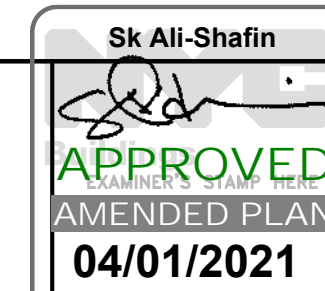
LEGEND	
	SLAB TO BE DEMOLISHED
	SCORE SLAB TYP.
	STANDARD GUARDRAIL TYP.
	EXISTING STEEL MEMBERS TO REMAIN TYP.
	STEEL BEAMS TO BE REMOVED
	SHORING BEAMS TYP.
	HSS 6x6x5/16 POST SHORE TYP.
	HSS 5x5x1/4 POST SHORE TYP.
	ADJUSTABLE POST SHORE TYP.

No.	DATE	DESCRIPTION	BY
<b>HOWARD I. SHAPIRO &amp; ASSOCIATES</b> CONSULTING ENGINEERS, P.C.			
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**CLIENT**  
JOHN CIVETTA & SONS, INC.  
1123 BRONX RIVER AVE, BRONX, NY 10472  
PH: (718) 589-9000

**PROJECT**  
PARTIAL DEMOLITION OF CELLAR SLABS FOR FOUNDATION CONSTRUCTION AT 270 PARK AVENUE, MANHATTAN, NY

**ZONING INFORMATION**  
BLOCK: 1283  
LOT: 21  
ZONE: C5-3  
ZONING MAP: 8D  
COMMUNITY BOARD: 105  
BIN #: 1035421

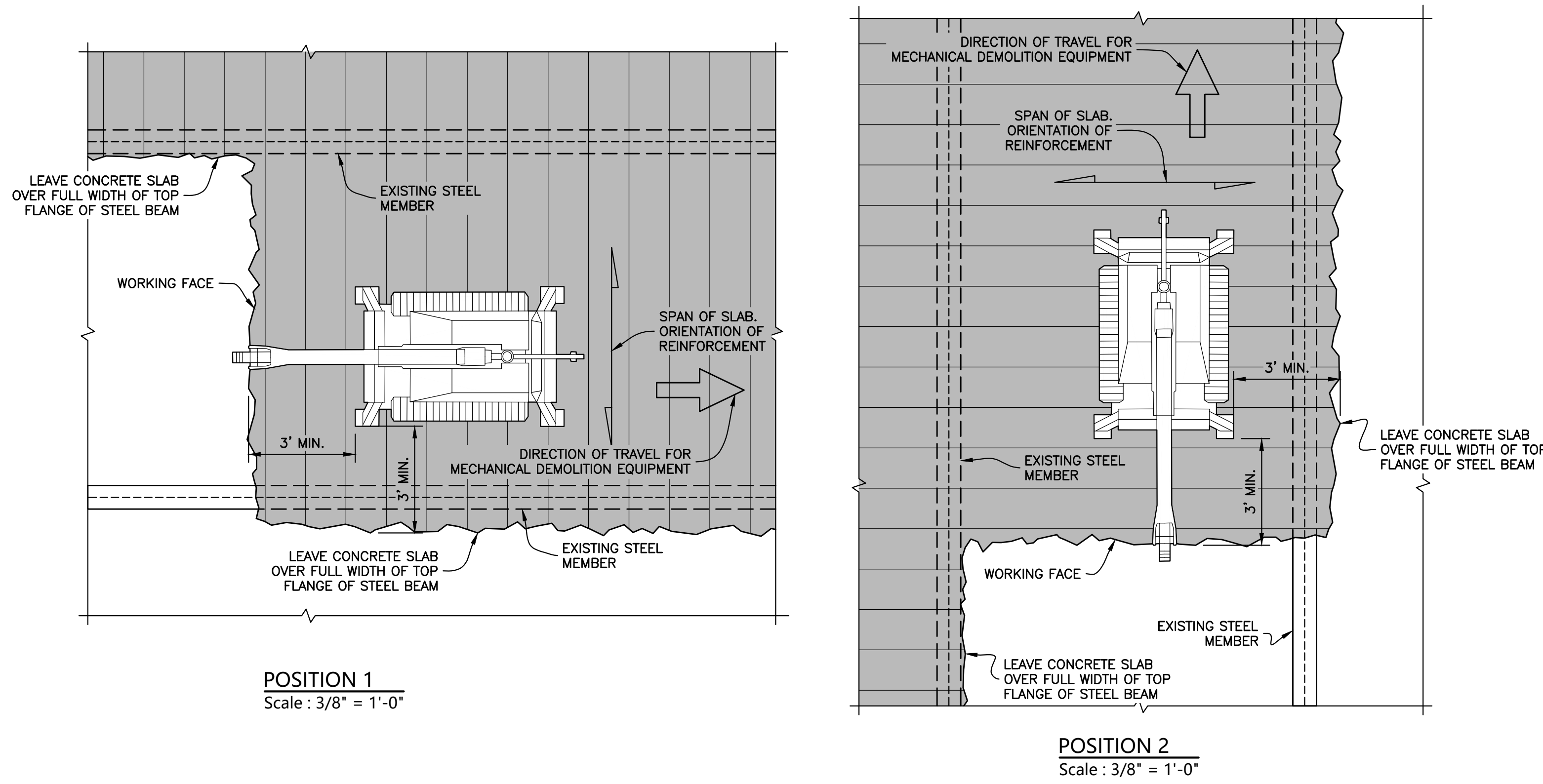


**TITLE**  
ACCESS HOLE SHORING & DEMOLITION  
SLAB DEMOLITION - SUB-CELLAR 1  
FRAMING PLAN & SECTION A-A

**SEAL & SIGNATURE**  
DRAWING BY: KC DATE: 03/19/2021  
PROJECT NO: 18211.05.00  
ENGINEER: JS  
SCALE: AS NOTED  
CHK BY: JS  
DWG NO:

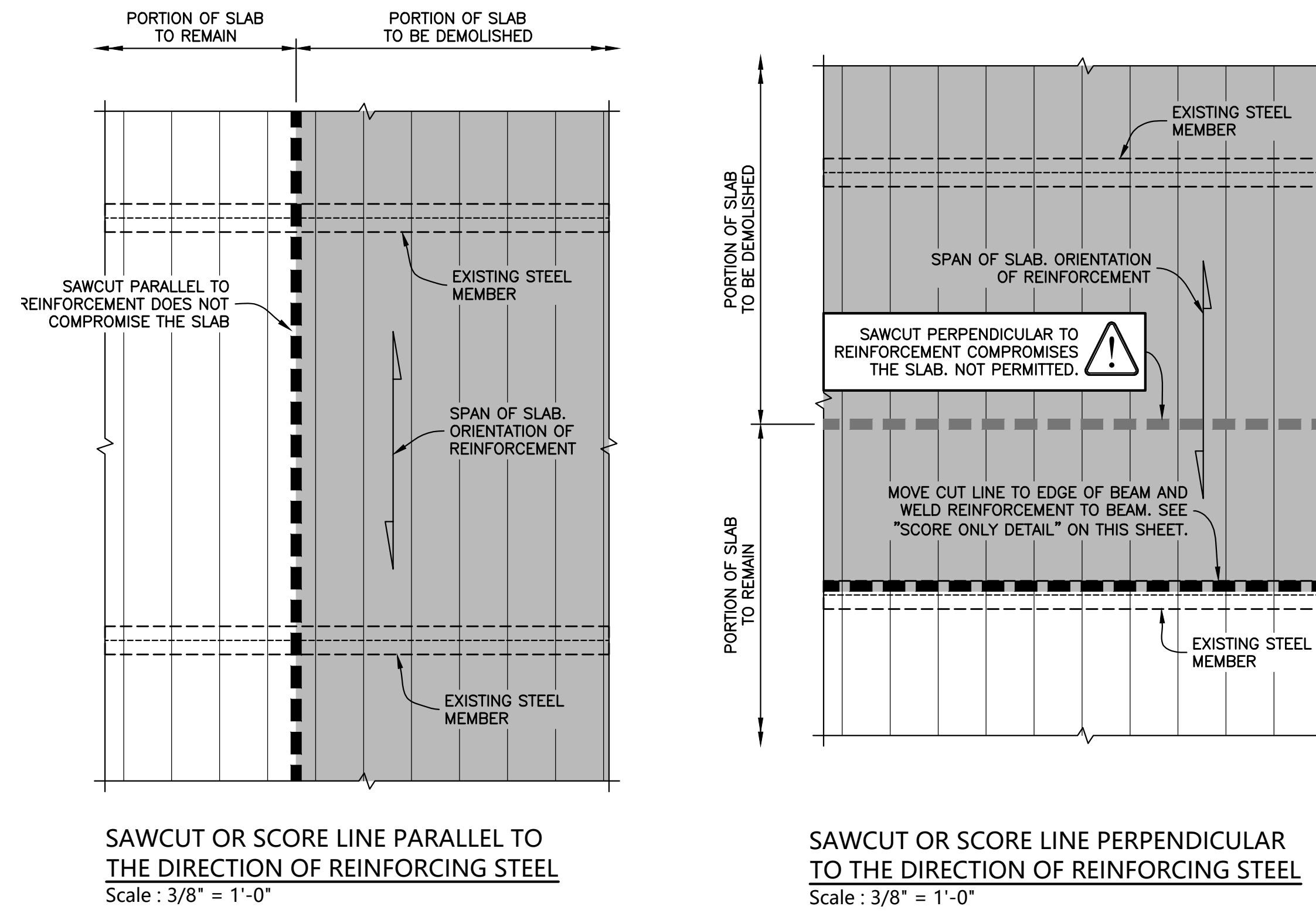
**SSP-425.00**

**DEMOLITION OF CONCRETE SLAB BY MACHINE**

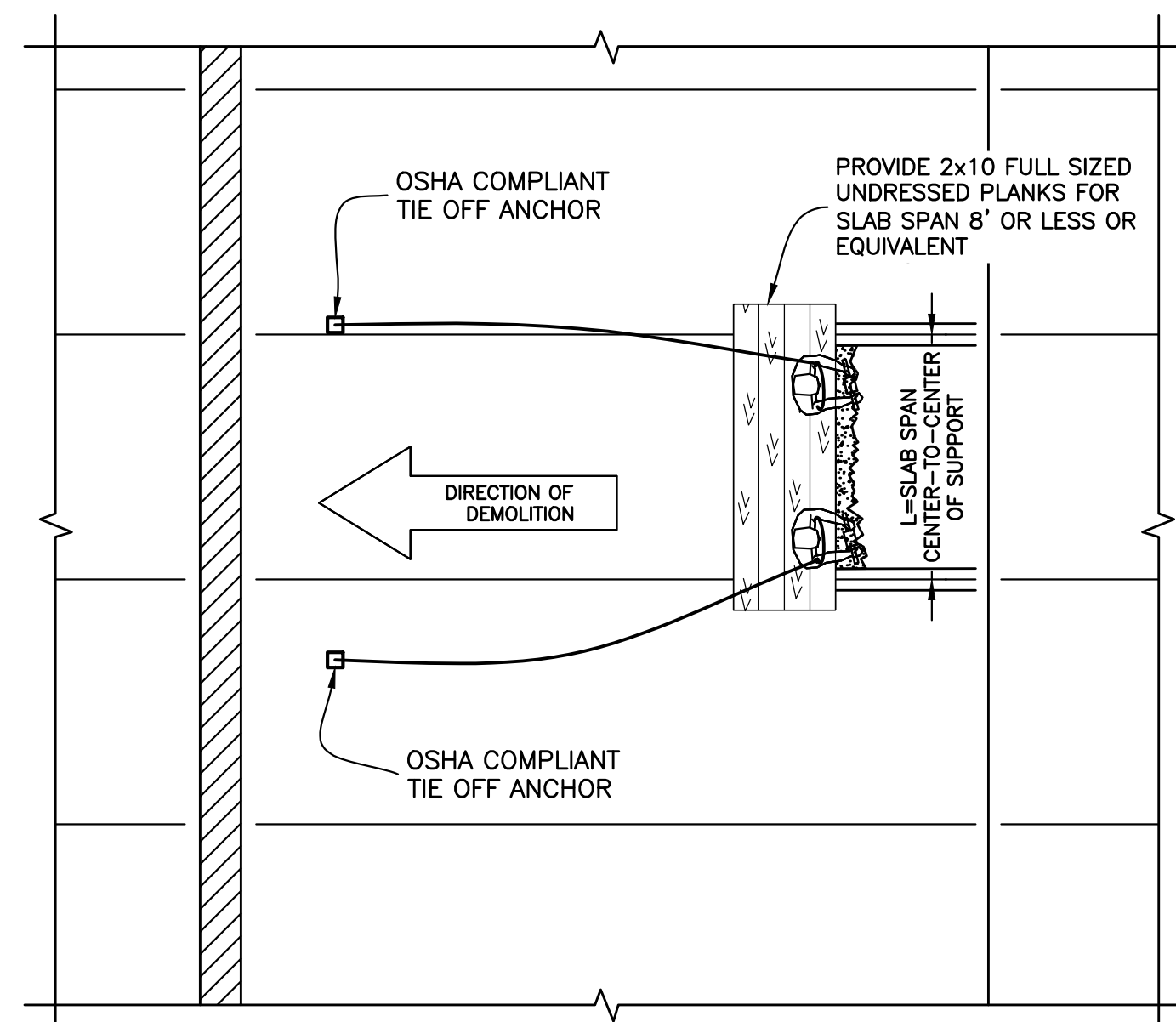


- NOTES:
1. MAINTAIN A MINIMUM OF 3' EDGE DISTANCE BETWEEN EDGE OF OUTRIGGER OF TRACK FROM WORKING FACE.
  2. THE DIRECTION OF DEMOLITION WITHIN A BAY AND THE DIRECTION OF TRAVEL FOR THE MACHINE SHOULD BE PERPENDICULAR TO THE ORIENTATION OF THE SLAB REINFORCEMENT.

**CUTLINE LOCATION RELATIVE TO REINFORCEMENT ORIENTATION**



**DEMOLITION OF CONCRETE SLAB BY HAND**



**DEMOLITION PROCEDURE**

1. ON THE TWO SUBSEQUENT FLOORS BELOW THE SLAB BEING DEMOLISHED, IN THE AREA WHERE THE CONCRETE DEBRIS WILL BE DROPPED, SITE PERSONNEL SHALL BE MADE AWARE OF THE HAZARDS OF THE DEMOLITION OPERATION AND SHALL NOT BE PERMITTED DIRECTLY UNDER THE AREA BEING DEMOLISHED OR WITHIN 20' OR ONE BAY, WHICHEVER IS GREATER. THESE AREAS ARE 'EXCLUSION ZONES DURING DEMOLITION'. NO PERSONNEL ARE PERMITTED IN THE EXCLUSION ZONES WHILE DEMOLITION IS IN PROGRESS.
2. INSTALL OSHA COMPLIANT TIE OFF ANCHORS AS NEEDED.
3. BEFORE DEMOLISHING ANY SLAB, DEBRIS AND OTHER MATERIAL SHALL BE REMOVED FROM SUCH SLAB AND OTHER ADJACENT FLOOR AREA.

PER OSHA, PLANKS NOT LESS THAN 2 INCHES BY 10 INCHES IN CROSS SECTION, FULL SIZE UNDRRESSED, SHALL BE PROVIDED FOR, AND SHALL BE USED BY LABORERS TO STAND ON WHILE CHOPPING SLABS BETWEEN BEAMS. SUCH PLANKS SHALL BE SO LOCATED AS TO PROVIDE A SAFE SUPPORT FOR THE WORKMEN SHOULD THE SLAB BETWEEN THE BEAMS COLLAPSE. THE OPEN SPACE BETWEEN PLANKS SHALL NOT EXCEED 16 INCHES.

EQUIVALENT ALTERNATIVES TO 2x10 FULL SIZED UNDRRESSED PLANK INCLUDE:

2x10 SCAFFOLD PLANK FOR SPANS LESS THAN OR EQUAL TO 5'.  
MINIMUM WIDTH = 2 PLANKS WIDE.

DOUBLE 2x10 SCAFFOLD PLANK FOR SPANS LESS THAN OR EQUAL TO 8'.  
MINIMUM WIDTH = 2 PLANKS WIDE.

24" WIDE x 12' LONG ALUMINIUM PICK WITH 5" SIDE RAIL DEPTH AND 2" SIDE RAIL FLANGE (WERNER MODEL 3112) FOR SPANS LESS THAN OR EQUAL TO 10'.

24" WIDE x 16' LONG ALUMINIUM PICK WITH 5" SIDE RAIL DEPTH AND 2" SIDE RAIL FLANGE (WERNER MODEL 3116) FOR SPANS LESS THAN OR EQUAL TO 14'.

PROVIDE MINIMUM 12" BEARING AT EACH END.

CRITERIA IS BASED ON ANSI A10.8 DEFINITION OF A "PERSON LOAD" (200 LB PERSON WITH 50 LBS OF EQUIPMENT). "3-PERSON LOAD" IS APPLIED WITH A "PERSON" LOAD AT MIDSPAN AND A "PERSON" LOAD AT 18" EITHER SIDE OF MIDSPAN.

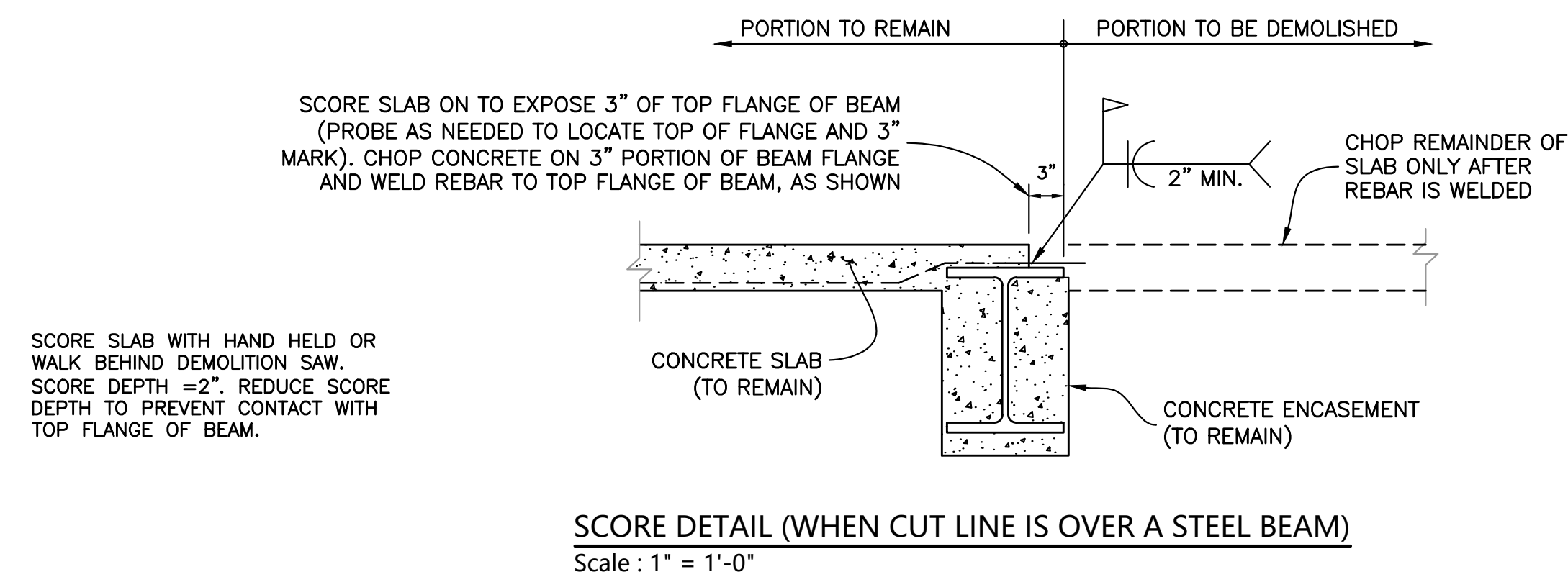
DEFLECTION ARE LIMITED TO L/60 PER OSHA REQUIREMENTS.

SCAFFOLD PLANK SHALL BE SOUTHERN YELLOW PINE D165 OR 2200f MSR 1.8E GRADE PLANK.

4. PERSONNEL SHALL TIE OFF TO OSHA COMPLIANT TIE POINTS WITH OSHA RATED EQUIPMENT WHEN WITHIN 6' OF THE OPENING.
5. AFTER DEMOLITION IS COMPLETE, INSTALL STANDARD GUARDRAILS AROUND THE OPENING AS FALL PROTECTION OR COVER.

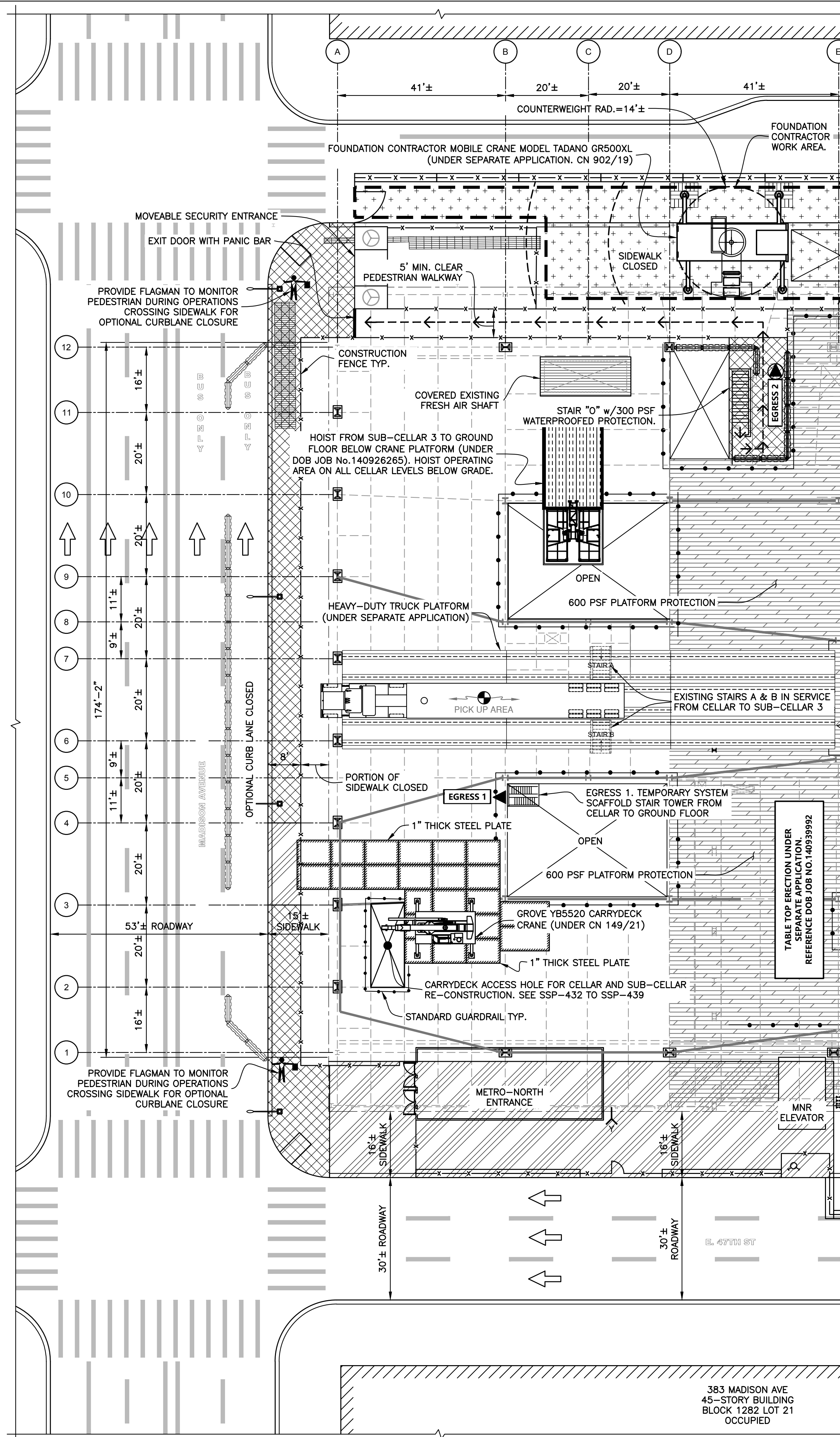
**CHOPPING CONCRETE SLAB BY HAND DETAIL**  
SCALE : 3/16" = 1'-0"

**SCORE DETAIL**



No.	DATE	DESCRIPTION	BY
<b>HOWARD I. SHAPIRO &amp; ASSOCIATES</b> CONSULTING ENGINEERS, P.C. 266 MERRICK ROAD, SUITE 300, LYNBROOK, N.Y. 11563 TEL: (516) 791-2600 FAX: (516) 791-5425 <small>COPYRIGHT DESIGN NOT TO BE LENT, COPIED, OR REPRODUCED IN WHOLE OR IN PART WITHOUT PRIOR WRITTEN CONSENT.</small> <small>THIS OFFICE DISCLAIMS ANY RESPONSIBILITY FOR DRAWINGS OR OTHER DOCUMENTS RELATED TO THIS PROJECT UNLESS THEY BEAR THE SIGNATURE AND SEAL OF A PROFESSIONAL ENGINEER OF THIS OFFICE. THE NEW YORK STATE EDUCATION LAW PROHIBITS ANY ALTERATIONS TO, OR DEVIATIONS FROM, THIS DRAWING EXCEPT AS MAY BE MADE BY A LICENSED PROFESSIONAL ENGINEER OR REGISTERED ARCHITECT WHO WILL BEAR THE RESPONSIBILITY FOR SUCH CHANGE.</small>			
CLIENT			
JOHN CIVETTA & SONS, INC. 1123 BRONX RIVER AVE, BRONX, NY 10472 PH: (718) 589-9000			
PROJECT			
PARTIAL DEMOLITION OF CELLAR SLABS FOR FOUNDATION CONSTRUCTION AT 270 PARK AVENUE, MANHATTAN, NY			
ZONING INFORMATION			
BLOCK: 1283 LOT: 21 ZONE: C5-3 ZONING MAP: 8D COMMUNITY BOARD: 105 BIN #: 1035421			
PLACE STICKER HERE 			
TITLE			
DEMOLITION DETAILS			
SEAL & SIGNATURE	DRAWING BY: KC	DATE: 03/19/2021	
	PROJECT NO: 18211.03.00		
	ENGINEER: JS		
	SCALE: AS NOTED		
	CHK BY: JS		
	DWG NO:		
	<b>SSP-426.00</b>		
			60 OF 69





**GROUND FLOOR - PARTIAL PLAN**  
Scale : 1/16" = 1'-0"

**LEGEND**

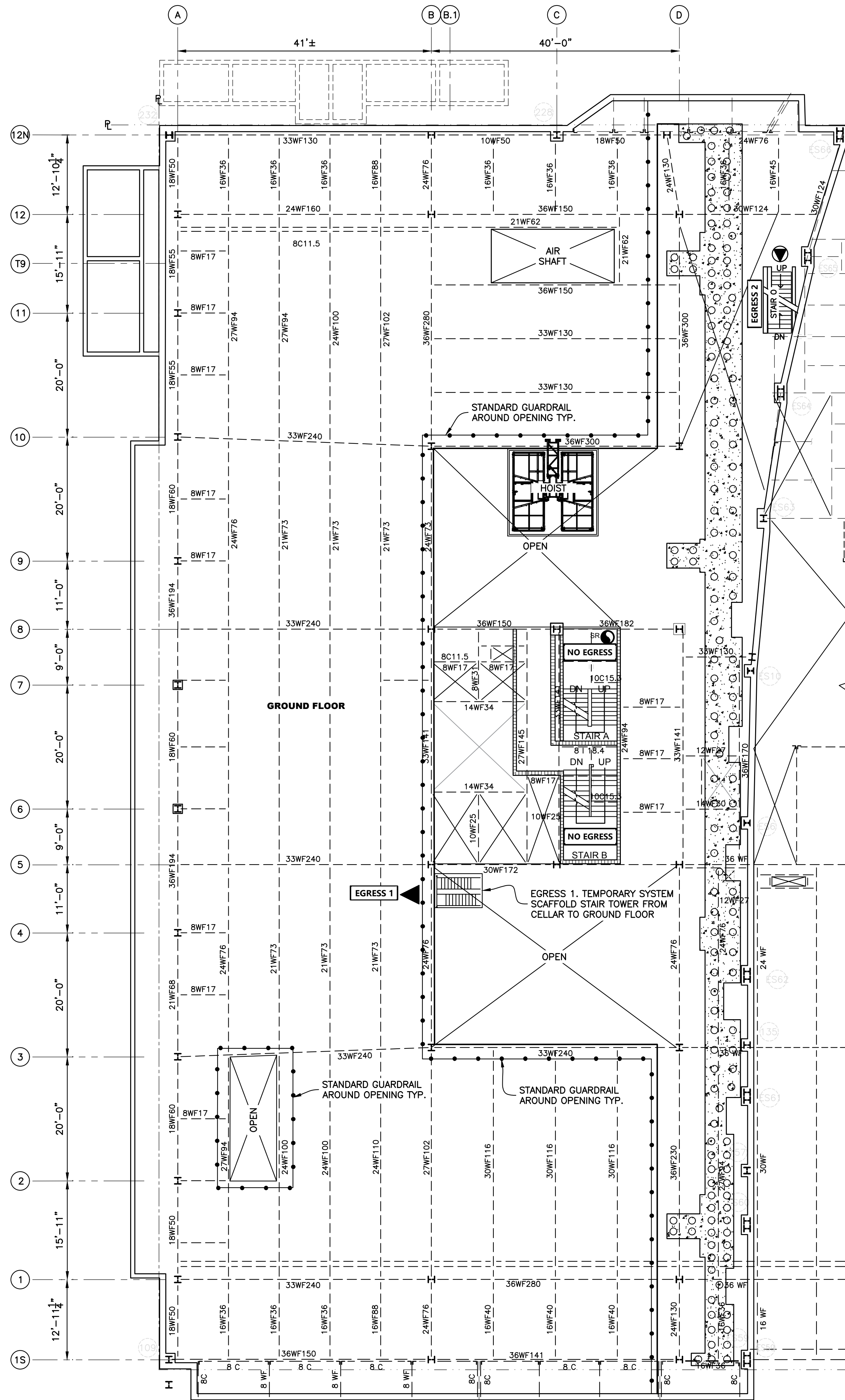
- FOUNDATION CONTRACTOR WORK AREA TYP.
- 16' HIGH SIDEWALK SHED
- 8' HIGH SIDEWALK SHED TYP.
- EGRESS PATH TYP.
- CONSTRUCTION FENCE TYP.
- STANDARD GUARDRAIL TYP.
- EXISTING STEEL FRAMING BELOW TYP.
- FDNY SIAMENSE CONNECTION TYP.
- EXISTING STANDPIPE RISER TYP.
- EXISTING EGRESS TO GROUND FL.
- EXISTING MNR EGRESS TO GROUND FL.

SEE SSP-002 FOR FULL LEGEND.

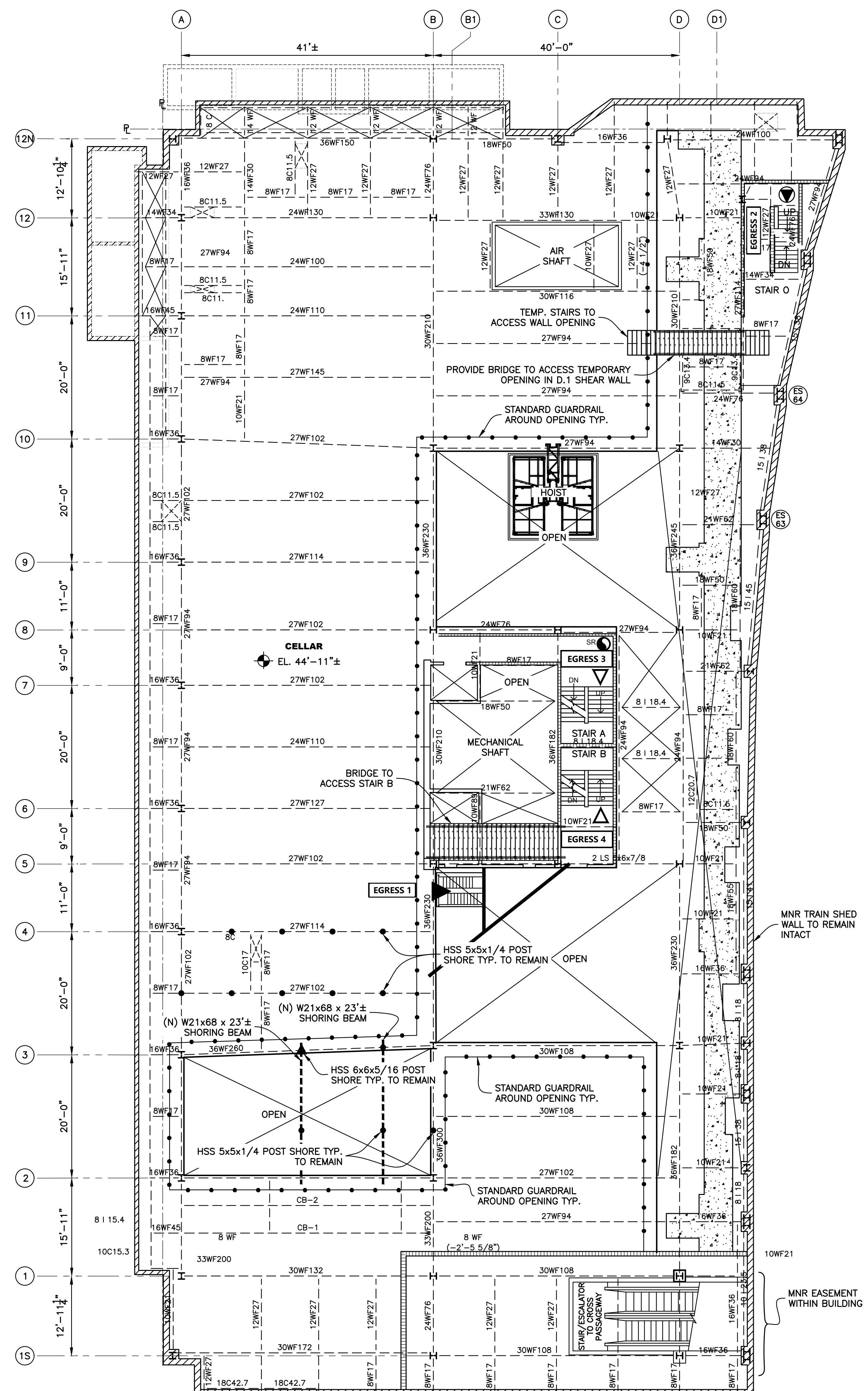
- NOTES :**
1. REFER TO SSP-002 FOR GENERAL NOTES AND SAFEGUARDS DURING DEMOLITION.
  2. THE TOWER WILL BE UNDER ON-GOING DEMOLITION BY A SEPARATE CONTRACTOR DURING THE SCOPE OF THE FOUNDATION CONTRACTOR'S WORK. SEE DM JOB No. 123656640. THE PODIUM HAS BEEN DEMOLISHED TO THE GROUND FLOOR.  
SEE PLANS ON SSP-432 TO SSP-437 FOR THE FOUNDATION CONTRACTOR'S WORK AREA AT THE CELLAR AND SUB-CELLAR LEVELS.  
A MOBILE CRANE AT GRADE AND ACCESS HOLE TO SUB-CELLAR 3 WILL BE USED TO MOVE EQUIPMENT AND DEBRIS BETWEEN STREET LEVEL AND SUB-CELLAR 3. SEE CN 902/19.  
A MOBILE CRANE AT THE GROUND FLOOR AND ACCESS HOLE TO SUB-CELLAR 3 WILL BE USED TO MOVE EQUIPMENT AND DEBRIS BETWEEN STREET LEVEL AND SUB-CELLAR 3. SEE CN 149/21.
  3. EGRESS
    - 3.1 STAIR A AND STAIR B PROVIDE EGRESS FROM SUB-CELLAR 3 TO CELLAR. ACCESS TO GROUND FLOOR AT STAIRS A AND B IS ELIMINATED BY THE NEW TRUCK PLATFORM AT GROUND FLOOR.  
DRY STAND PIPE IN STAIR A SERVES FROM SUB-CELLAR 3 TO CELLAR.  
EGRESS 1 : SCAFFOLD STAIR TOWER FROM CELLAR TO GROUND FLOOR.  
EGRESS 2 : STAIR "O" FROM CELLAR AND SUB-CELLAR 1 TO GROUND FLOOR (PROVIDES EMERGENCY EGRESS FOR MNR FROM EXPRESS LEVEL AND CELLAR CONSTRUCTION ACTIVITIES )

- GENERAL SEQUENCE OF OPERATIONS:**
- THE SEQUENCE OF OPERATIONS INCLUDES DEMOLITION, EXCAVATION, AND CONSTRUCTION OF NEW FOOTINGS AND SHEAR WALLS. REFERENCE THE FOLLOWING DOB JOB No.S:
- DEMOLITION: ALT 2 - HOWARD I. SHAPIRO - 121207087 DOC 1.  
S.O.E.: ALT 2 - MUESER RUTLEDGE - 140 956366 DOC 1.  
FOUNDATION: ALT 2 - SEVERUD - 140956366 DOC 2.
- STEP 1: DEMOLISH AND EXCAVATE EXISTING SUB-CELLAR 3 SLAB. REFERENCE PREVIOUSLY APPROVED DM-121 TO DM-128 FOR DETAILS OF SLAB-ON-GRADE DEMOLITION. SEE DOB JOB No. 121207087. SEE SSP-434 FOR DETAILS.
  - STEP 2: EXCAVATE AND CONSTRUCT NEW FOUNDATIONS AND SHEAR WALLS AT NEW SUB-CELLAR 2. SEE SSP-434 FOR DETAILS.
  - STEP 3: CONSTRUCT THE NEW SHEAR WALLS TO THE EXISTING SUB-CELLAR 2 ELEVATION. SEE SSP-435 FOR DETAILS.
  - STEP 4A: NORTH OF 10-LINE AT SUB-CELLAR 2, DEMOLISH EXISTING CONCRETE SLAB AND EXPOSE EXISTING STEEL AT SUB-CELLAR 2. SEE SSP-436 FOR DETAILS.  
EXISTING STEEL COLUMNS, FOOTINGS, STEEL FRAMING AND SHORING FOR CARRYDECK SHALL REMAIN.  
PLACE NEW SUB-CELLAR 1 SLAB, EMBEDDING EXISTING STEEL INTO THE NEW SLAB.
  - STEP 4B: AT LOWER SLAB. USE EXISTING SUB-CELLAR 2 SLAB AND HANG OFF EXISTING FRAMING TO FORM AND PLACE NEW SLAB, THEN DEMOLISH EXISTING SLAB. EXISTING COLUMNS ARE TO REMAIN EMBEDDING IN NEW SLAB. SEE SSP-436 FOR DETAILS.

No.	DATE	DESCRIPTION	BY
<p><b>HOWARD I. SHAPIRO &amp; ASSOCIATES</b> CONSULTING ENGINEERS, P.C. 266 MERRICK ROAD, SUITE 300, LYNBROOK, N.Y. 11563 TEL: (516) 791-2600 FAX: (516) 791-5425 COPYRIGHT DESIGN NOT TO BE LENT, COPIED, OR REPRODUCED IN WHOLE OR IN PART WITHOUT PRIOR WRITTEN CONSENT. THIS OFFICE DISCLAIMS ANY RESPONSIBILITY FOR DRAWINGS OR OTHER DOCUMENTS RELATED TO THIS PROJECT UNLESS THEY BEAR THE SIGNATURE AND SEAL OF A PROFESSIONAL ENGINEER OF THIS OFFICE. THE NEW YORK STATE EDUCATION LAW PROHIBITS ANY ALTERATIONS TO, OR SELECTIONS FROM, THIS DRAWING EXCEPT AS MAY BE MADE BY A LICENSED PROFESSIONAL ENGINEER OR REGISTERED ARCHITECT WHO WILL BEAR THE RESPONSIBILITY FOR SUCH CHANGE.</p>			
CLIENT			
JOHN CIVETTA & SONS, INC. 1123 BRONX RIVER AVE, BRONX, NY 10472 PH: (718) 589-9000			
PROJECT			
PARTIAL DEMOLITION OF CELLAR SLABS FOR FOUNDATION CONSTRUCTION AT 270 PARK AVENUE, MANHATTAN, NY			
ZONING INFORMATION			
BLOCK: 1283 LOT: 21 ZONE: C5-3 ZONING MAP: 8D COMMUNITY BOARD: 105 BIN #: 1035421			
<p>Sk Ali-Shafin APPROVED AMENDED PLAN 04/01/2021 CS-C-SSP</p>			
TITLE			
SITE PLAN GROUND FLOOR - PARTIAL PLAN			
SEAL & SIGNATURE	DRAWING BY: KC	DATE: 03/19/2021	
	PROJECT NO: 18211.03.00	ENGINEER: JS	
	SCALE: AS NOTED	CHK BY: JS	
	DWG NO:	<b>SSP-431.00</b>	
			61 OF 69



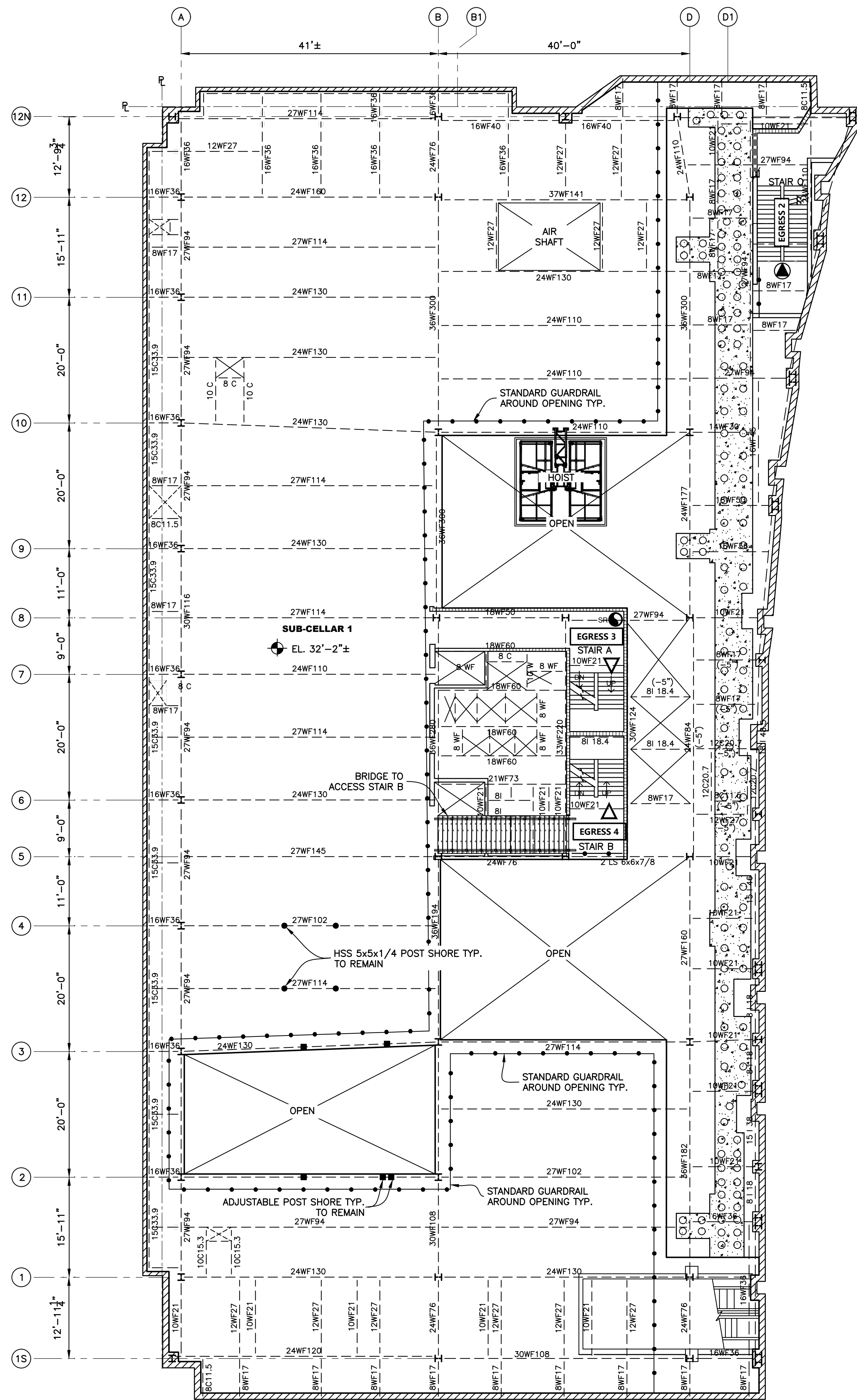
**GROUND FLOOR PARTIAL PLAN**  
Scale: 3/32" = 1'-0"



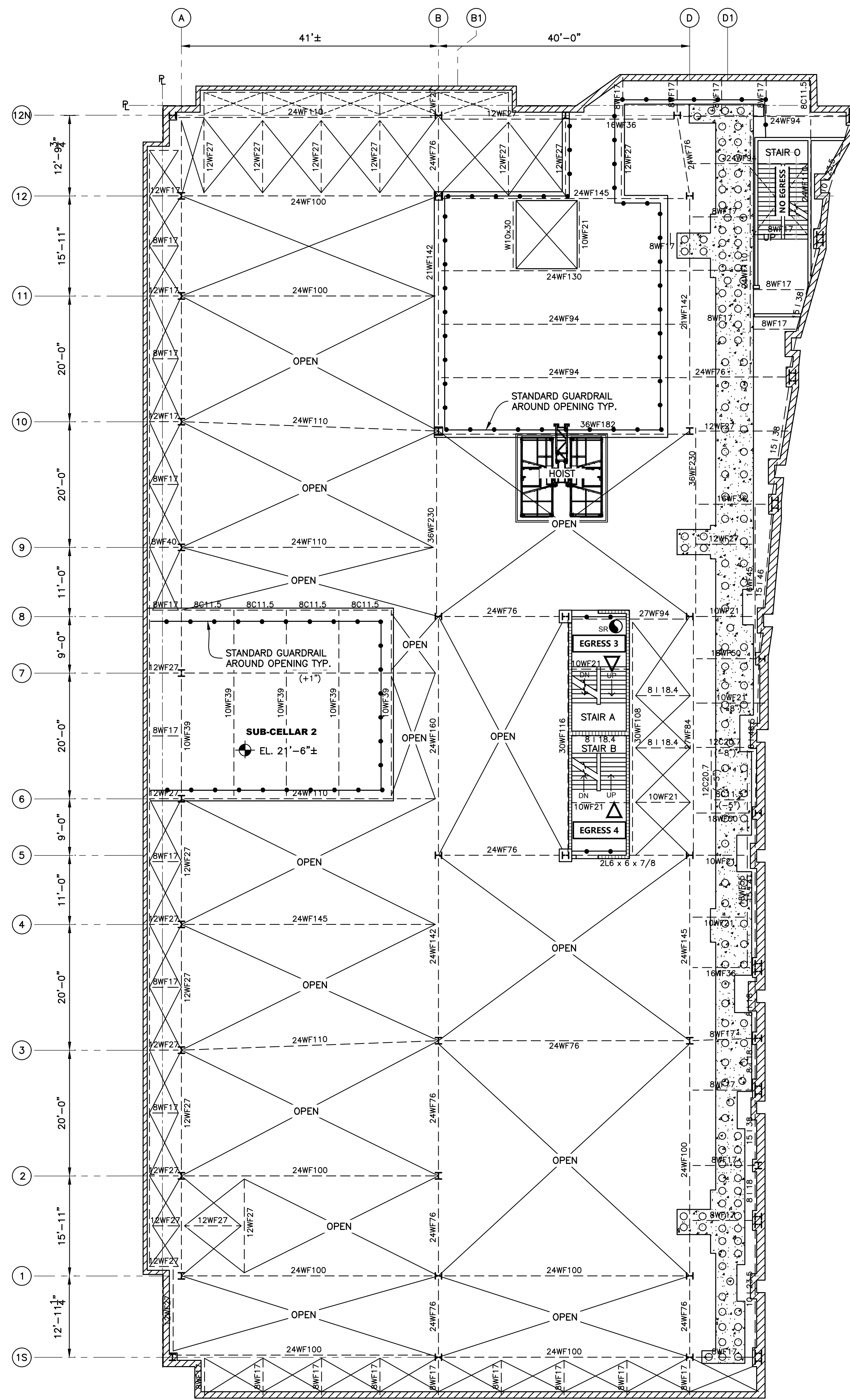
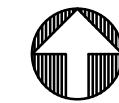
**CELLAR FRAMING PLAN**  
Scale: 3/32" = 1'-0"

LEGEND	
	EXISTING STAIR ENCLOSURE WALL TYP.
	NEW SHORING BEAMS TYP. TO REMAIN
	STANDARD GUARDRAIL TYP.
	EXISTING STEEL FRAMING TYP.
	EXISTING STANDPIPE RISER TYP.
	HSS 6x6x5/16 POST SHORE TYP. TO REMAIN
	HSS 5x5x1/4 POST SHORE TYP. TO REMAIN
	ADJUSTABLE POST SHORE TYP. TO REMAIN
	EXISTING EGRESS TO GROUND FLOOR
	EXISTING MNR EGRESS TO GROUND FLOOR
	EGRESS TO FLOORS OTHER THAN GROUND FLOOR

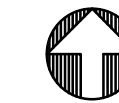
No.	DATE	DESCRIPTION	BY
<b>HOWARD I. SHAPIRO &amp; ASSOCIATES</b> CONSULTING ENGINEERS, P.C.			
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CLIENT JOHN CIVETTA & SONS, INC. 1123 BRONX RIVER AVE, BRONX, NY 10472 PH: (718) 589-9000			
PROJECT PARTIAL DEMOLITION OF CELLAR SLABS FOR FOUNDATION CONSTRUCTION AT 270 PARK AVENUE, MANHATTAN, NY			
ZONING INFORMATION BLOCK: 1283 LOT: 21 ZONE: C5-3 ZONING MAP: 8D COMMUNITY BOARD: 105 BIN #: 1035421			
 <b>APPROVED AMENDED PLAN</b> 04/01/2021 Sk Ali-Shafin			
TITLE EXISTING CONDITIONS GROUND FLOOR & CELLAR PLANS			
SEAL & SIGNATURE	DRAWING BY: KC	DATE: 03/19/2021	
	PROJECT NO: 18211.03.00		
	ENGINEER: JS		
	SCALE: AS NOTED		
	CHK BY: JS		
	DWG NO:		
			<b>SSP-432.00</b>
			62 OF 69



**SUB-CELLAR 1 FRAMING PLAN**  
Scale: 3/32" = 1'-0"

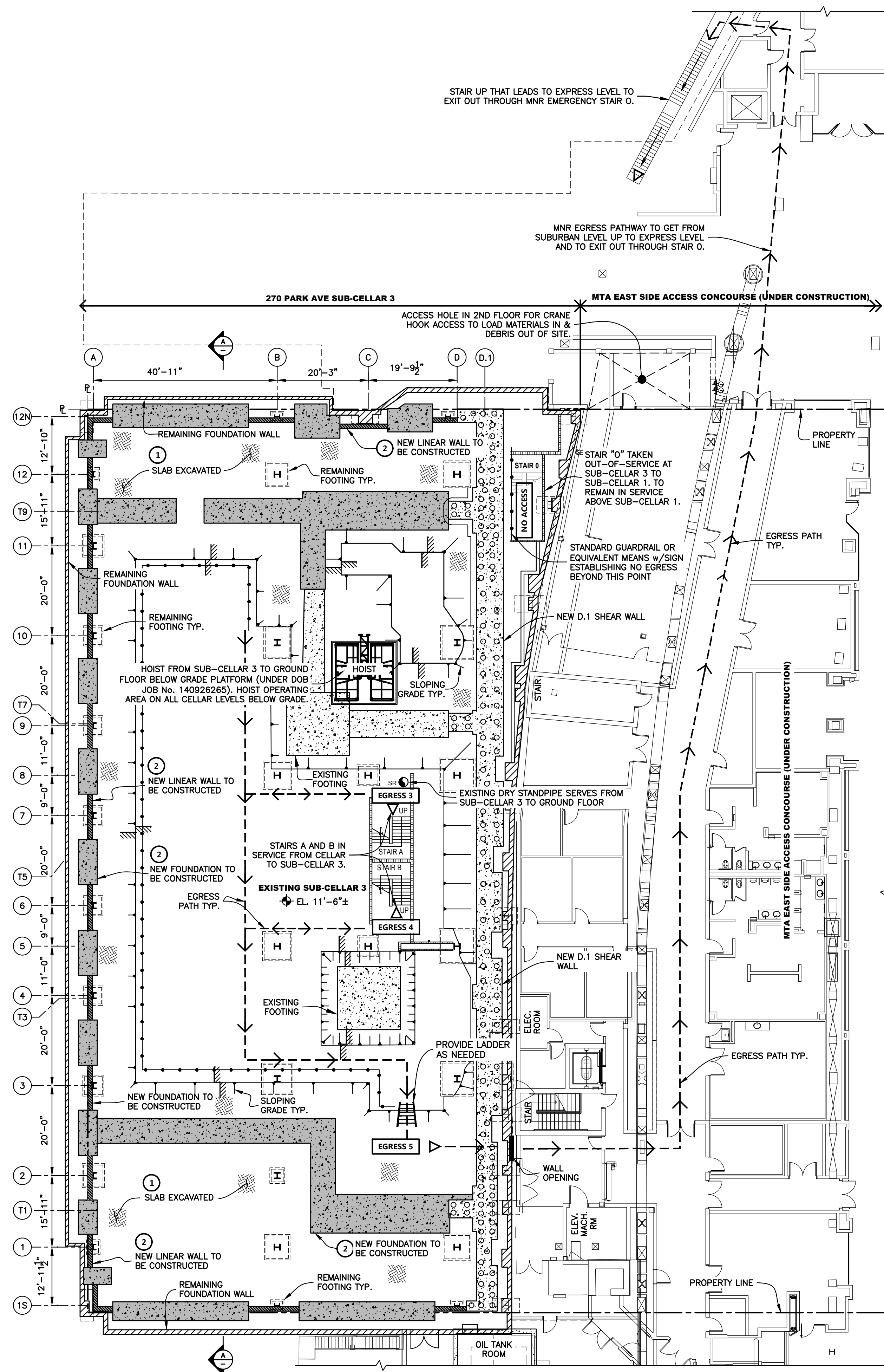


**SUB-CELLAR 2 FRAMING PLAN**  
Scale: 3/32" = 1'-0"

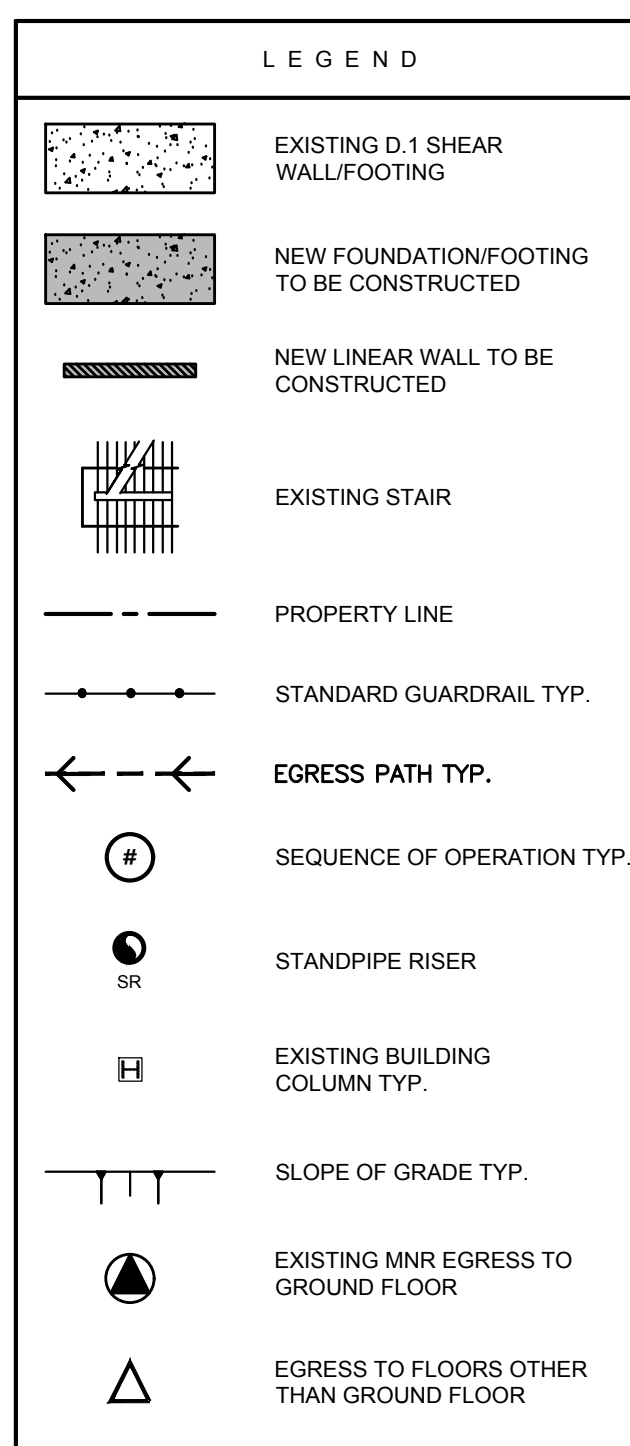


LEGEND	
	EXISTING STAIR ENCLOSURE WALL TYP.
	NEW SHORING BEAMS TYP. TO REMAIN
	STANDARD GUARDRAIL TYP.
	EXISTING STEEL FRAMING TYP.
	EXISTING STANDPIPE RISER TYP.
	HSS 6x6x5/16 POST SHORE TYP. TO REMAIN
	HSS 5x5x1/4 POST SHORE TYP. TO REMAIN
	ADJUSTABLE POST SHORE TYP. TO REMAIN
	EXISTING EGRESS TO GROUND FLOOR
	EXISTING MNR EGRESS TO GROUND FLOOR
	EGRESS TO FLOORS OTHER THAN GROUND FLOOR

No.	DATE	DESCRIPTION	BY
<b>HOWARD I. SHAPIRO &amp; ASSOCIATES</b> CONSULTING ENGINEERS, P.C. 266 MERRICK ROAD, SUITE 300, LYNBROOK, N.Y. 11563 TEL: (516) 791-2600 FAX: (516) 791-5425 <small>COPYRIGHT DESIGN NOT TO BE LOANED, COPIED, OR REPRODUCED IN WHOLE OR IN PART WITHOUT PRIOR WRITTEN CONSENT.</small> <small>THIS OFFICE DISCLAIMS ANY RESPONSIBILITY FOR DRAWINGS OR OTHER DOCUMENTS RELATED TO THIS PROJECT UNLESS THEY BEAR THE SIGNATURE AND SEAL OF A PROFESSIONAL ENGINEER OF THIS OFFICE. THE NEW YORK STATE EDUCATION LAW PROHIBITS ANY ALTERATIONS TO, OR DEVIATIONS FROM, THIS DRAWING EXCEPT AS MAY BE MADE BY A LICENSED PROFESSIONAL ENGINEER OR REGISTERED ARCHITECT WHO WILL BEAR THE RESPONSIBILITY FOR SUCH CHANGE.</small>			
CLIENT			
JOHN CIVETTA & SONS, INC. 1123 BRONX RIVER AVE, BRONX, NY 10472 PH: (718) 589-9000			
PROJECT			
PARTIAL DEMOLITION OF CELLAR SLABS FOR FOUNDATION CONSTRUCTION AT 270 PARK AVENUE, MANHATTAN, NY			
ZONING INFORMATION			
BLOCK: 1283 LOT: 21 ZONE: C5-3 ZONING MAP: 8D COMMUNITY BOARD: 105 BIN #: 1035421			
 PLACE STICKER HERE			
TITLE			
EXISTING CONDITIONS SUB-CELLAR 1 & SUB-CELLAR 2 PLANS			
SEAL & SIGNATURE		DRAWING BY: KC	DATE: 03/19/2021
		PROJECT NO: 18211.03.00	
		ENGINEER: JS	
		SCALE: AS NOTED	
		CHK BY: JS	
		DWG NO:	
		<b>SSP-433.00</b>	
		63 OF 69	

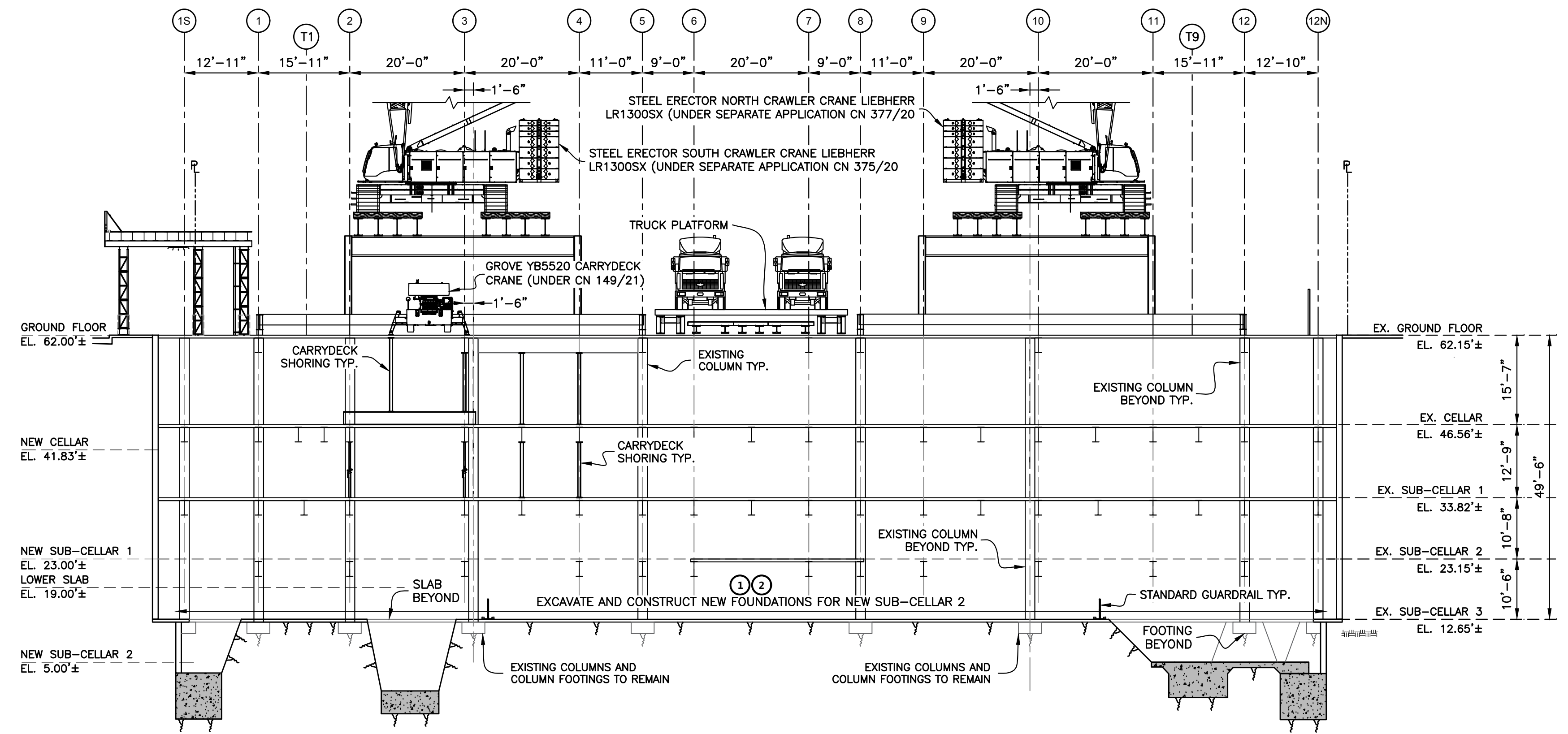


EXISTING SUB-CELLAR 3 PLAN  
Scale: 1"=15'-0"



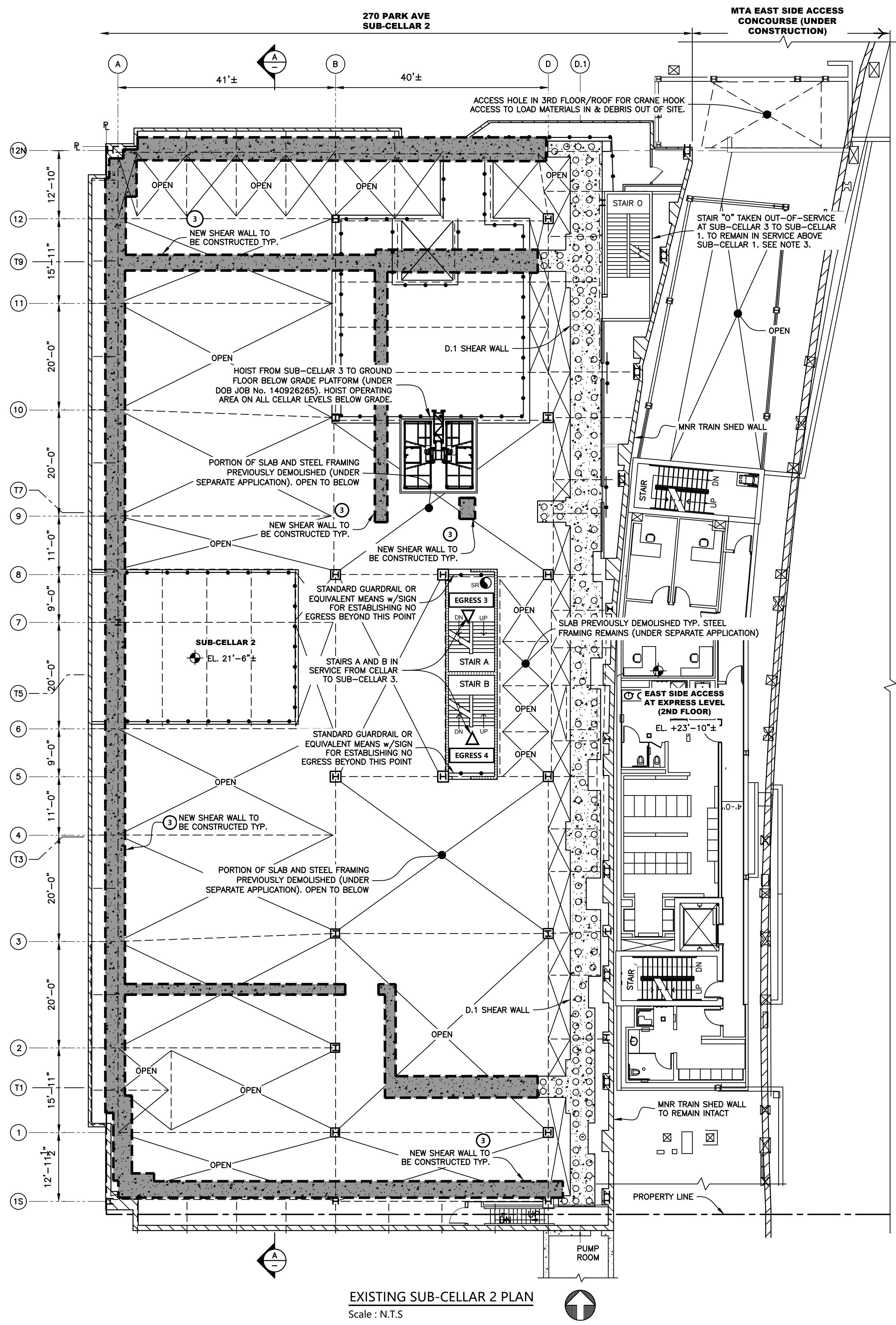
NOTES:

- REFER TO SSP-001 AND SSP-003 FOR GENERAL NOTES FOR ADDITIONAL INFORMATION REGARDING THE USE OF MECHANICAL DEMOLITION EQUIPMENT AND SAFEGUARDS DURING DEMOLITION.
- SEQUENCE OF OPERATIONS:**
  - DEMOLISH AND EXCAVATE EXISTING SUB-CELLAR 3 SLAB. REFERENCE PREVIOUSLY APPROVED DM-121 TO DM-128 FOR DETAILS OF SLAB-ON-GRADE DEMOLITION. SEE DOB JOB No. 121207087.
  - EXCAVATE AND CONSTRUCT NEW FOUNDATIONS AND SHEAR WALLS AT NEW SUB-CELLAR 2. REFERENCE MUESER RUTLEDGE CONSULTING ENGINEERS (MRCE) DRAWING SOE-071 AND INST-070. SEE DOB JOB No. 140956366 DOC 1. REFERENCE STRUCTURAL ENGINEER OF RECORD ALT2 FOR FOUNDATION DESIGN AT TERRA FIRMA. SEE DOB JOB No. 140956366 DOC 2. EXISTING STEEL COLUMNS, FOOTINGS AND STEEL FRAMING SHALL REMAIN.
- EGRESS:**
  - STAIR A AND STAIR B PROVIDE EGRESS FROM SUB-CELLAR 3 TO CELLAR. ACCESS TO GROUND FLOOR AT STAIRS A AND B IS ELIMINATED BY THE NEW TRUCK PLATFORM AT GROUND FLOOR. ACCESS TO THE GROUND FLOOR IS PROVIDED BY A TEMPORARY STAIR FROM CELLAR TO GROUND FLOOR ADJACENT TO STAIR B. DRY STANDPIPE IN STAIR A SERVES FROM SUB-CELLAR 3 TO CELLAR. EGRESS 3 : STAIR A FROM SUB-CELLAR 3 TO CELLAR. NO EGRESS TO GROUND FLOOR. ACCESS TO GROUND FLOOR FROM CELLAR VIA TEMPORARY STAIR ADJACENT TO STAIR B. EGRESS 4 : STAIR B FROM SUB-CELLAR 3 TO CELLAR. NO EGRESS TO GROUND FLOOR. ACCESS TO GROUND FLOOR FROM CELLAR VIA TEMPORARY STAIR ADJACENT TO STAIR B. EGRESS 5 : EGRESS ACROSS TO ESA CONCOURSE LEVEL TO CORRIDOR. LEADING TO STAIR "O" AT EXPRESS LEVEL (SUB-CELLAR 1). STAIR "O" PROVIDES EGRESS TO CELLAR AND GROUND FLOOR FROM SUB-CELLAR 1.



SECTION A-A  
Scale: 1"=15'-0"

No.	DATE	DESCRIPTION	BY
<b>HOWARD I. SHAPIRO &amp; ASSOCIATES</b> CONSULTING ENGINEERS, P.C.			
266 MERRICK ROAD, SUITE 300, LYNBROOK, N.Y. 11563 TEL: (516) 791-2600 FAX: (516) 791-5425			
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CLIENT			
JOHN CIVETTA & SONS, INC. 1123 BRONX RIVER AVE, BRONX, NY 10472 PH: (718) 589-9000			
PROJECT			
PARTIAL DEMOLITION OF CELLAR SLABS FOR FOUNDATION CONSTRUCTION AT 270 PARK AVENUE, MANHATTAN, NY			
ZONING INFORMATION			
BLOCK: 1283 LOT: 21 ZONE: C5-3 ZONING MAP: 8D COMMUNITY BOARD: 105 BIN #: 1035421			
Sk Ali-Shafiq <b>APPROVED</b> AMENDED PLAN 04/01/2021			
TITLE			
PHASE 1: STEPS 1 & 2 CELLAR & SUB-CELLAR RECONSTRUCTION SUB-CELLAR 3 PLAN			
SEAL & SIGNATURE	DRAWING BY: KC	DATE: 03/19/2021	
	PROJECT NO: 18211.03.00	ENGINEER: JS	
	SCALE: AS NOTED	CHK BY: JS	
	DWG NO:		
	<b>SSP-434.00</b>		
			64 OF 69

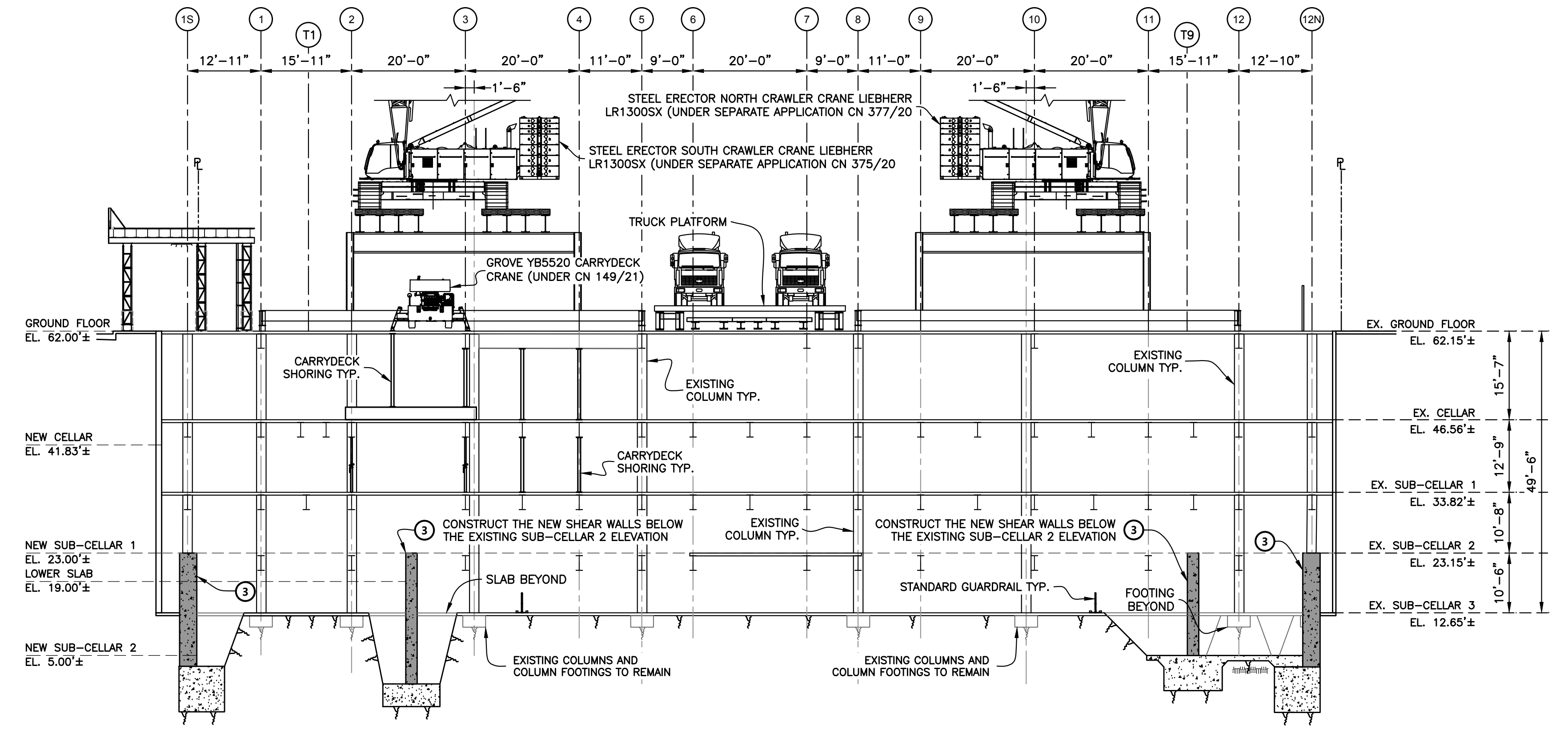


EXISTING SUB-CELLAR 2 PLAN  
Scale : N.T.S.

LEGEND	
	NEW SHEAR WALL TO BE CONSTRUCTED
	EXISTING D.1 SHEAR WALL
	EXISTING STAIR
	PROPERTY LINE
	STANDARD GUARDRAIL TYP.
	SEQUENCE OF OPERATION TYP.
	EXISTING MNR EGRESS TO GROUND FLOOR
	EGRESS TO FLOORS OTHER THAN GROUND FLOOR
	STANDPIPE RISER
	EXISTING BUILDING COLUMN TYP.

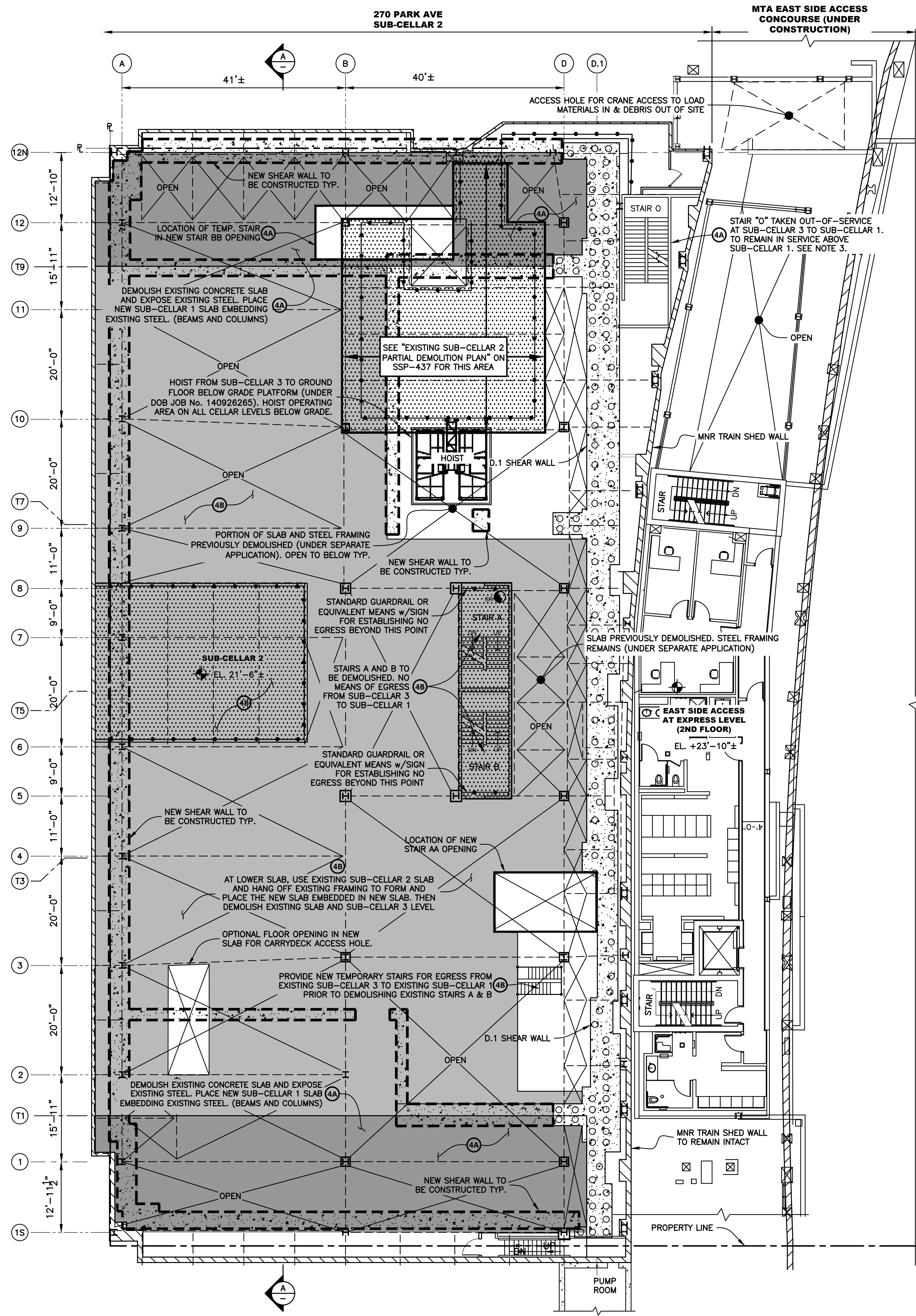
NOTES:

- REFER TO SSP-001 AND SSP-003 FOR GENERAL NOTES FOR ADDITIONAL INFORMATION REGARDING THE USE OF MECHANICAL DEMOLITION EQUIPMENT AND SAFEGUARDS DURING DEMOLITION.
- SEQUENCE OF OPERATIONS:**  
STEP ③: CONSTRUCT THE NEW SHEAR WALLS TO THE EXISTING SUB-CELLAR 2 ELEVATION (UNDER SEPARATE APPLICATIONS, FOR FOUNDATION DESIGN AT TERRA FIRMA. SEE DOB JOB No. 140956366 DOC 02.  
EXISTING STEEL COLUMNS, FOOTINGS, STEEL FRAMING AND SHORING FOR CARRYDECK SHALL REMAIN.
- EGRESS:**  
3.1 STAIR A AND STAIR B PROVIDE EGRESS FROM SUB-CELLAR 2 TO CELLAR. ACCESS TO THE GROUND FLOOR AT STAIRS A AND B IS ELIMINATED BY THE NEW TRUCK PLATFORM AT THE GROUND FLOOR. ACCESS TO THE GROUND FLOOR IS PROVIDED BY A TEMPORARY STAIR FROM THE CELLAR TO THE GROUND FLOOR ADJACENT TO STAIR B.  
EGRESS 3: STAIR A FROM SUB-CELLAR 3 TO CELLAR. NO EGRESS TO GROUND FLOOR. ACCESS GROUND FLOOR FROM CELLAR VIA TEMPORARY STAIR ADJACENT TO STAIR B.  
EGRESS 4: STAIR B FROM SUB-CELLAR 3 TO CELLAR. NO EGRESS TO GROUND FLOOR. ACCESS GROUND FLOOR FROM CELLAR VIA TEMPORARY STAIR ADJACENT TO STAIR B.

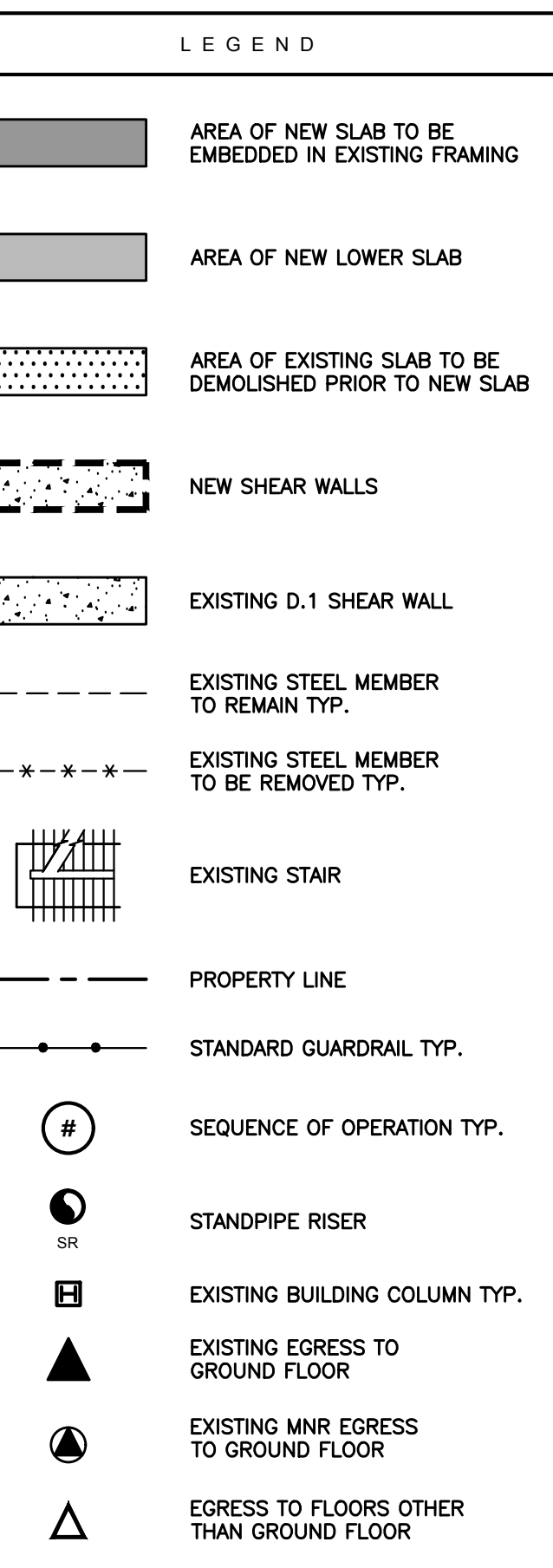


SECTION A-A  
Scale : 1" = 15'-0"

No.	DATE	DESCRIPTION	BY
<b>HOWARD I. SHAPIRO &amp; ASSOCIATES</b> CONSULTING ENGINEERS, P.C.			
266 MERRICK ROAD, SUITE 300, LYNBROOK, N.Y. 11563 TEL: (516) 791-2600 FAX: (516) 791-5425 COPYRIGHT DESIGN NOT TO BE LENT, COPIED, OR REPRODUCED IN WHOLE OR IN PART WITHOUT PRIOR WRITTEN CONSENT.			
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CLIENT JOHN CIVETTA & SONS, INC. 1123 BRONX RIVER AVE, BRONX, NY 10472 PH: (718) 589-9000			
PROJECT PARTIAL DEMOLITION OF CELLAR SLABS FOR FOUNDATION CONSTRUCTION AT 270 PARK AVENUE, MANHATTAN, NY			
ZONING INFORMATION BLOCK: 1283 LOT: 21 ZONE: C5-3 ZONING MAP: 8D COMMUNITY BOARD: 105 BIN #: 1035421			
PLACE STICKER HERE			
TITLE PHASE 1: STEP 3 CELLAR & SUB-CELLAR RECONSTRUCTION SUB-CELLAR 2 - PLAN			
SEAL & SIGNATURE	DRAWING BY: KC	DATE: 03/19/2021	
	PROJECT NO: 18211.03.00	ENGINEER: JS	
	SCALE: AS NOTED	CHK BY: JS	
	DWG NO:		
			<b>SSP-435.00</b>
			65 OF 69



EXISTING SUB-CELLAR 2 PLAN  
Scale: NTS



NOTES:

- REFER TO SSP-001 AND SSP-003 FOR GENERAL NOTES FOR ADDITIONAL INFORMATION REGARDING THE USE OF MECHANICAL DEMOLITION EQUIPMENT AND SAFEGUARDS DURING DEMOLITION.
- SEQUENCE OF OPERATIONS:**

STEP 4A: NORTH OF 10-LINE AT SUB-CELLAR 2, DEMOLISH EXISTING CONCRETE SLAB AND EXPOSE EXISTING STEEL AT SUB-CELLAR 2. ENFORCE A 20' MIN. EXCLUSION ZONE BELOW THE SLAB BEING DEMOLISHED AND AN ADDITIONAL 20' MIN. IN ALL DIRECTIONS. SEE "SUB-CELLAR 2 PARTIAL DEMOLITION PLAN" BELOW.

PLACE NEW SUB-CELLAR 1 SLAB NORTH OF T9-LINE AND SOUTH OF T1-LINE EMBEDDING EXISTING STEEL INTO THE NEW SLAB.

STEP 4B: AT LOWER SLAB, USE EXISTING SUB-CELLAR 2 SLAB AND HANG OFF EXISTING FRAMING TO FORM AND PLACE NEW SLAB, THEN DEMOLISH EXISTING SLAB. EXISTING COLUMNS ARE TO REMAIN EMBEDDING IN NEW SLAB.

FOR DEMOLITION OF SLAB, SEE "DEMOLITION OF CONCRETE SLAB BY MACHINE" AND "DEMOLITION OF CONCRETE SLAB BY HAND" ON SSP-146.

REMOVE DEBRIS MANUALLY OR WITH MACHINE AND LOAD OUT USING ACCESS HOLE.

SEE "EXISTING SUB-CELLAR 2 STEEL DISMANTLING PLAN" ON SSP-438 FOR MEMBERS TO REMAIN AND MEMBERS TO BE REMOVED AND "STEEL DISMANTLING DETAILS" ON SSP-439. SHORING FOR CARRYDECK SHALL REMAIN.

**3. EGRESS DURING STEP 4A**

AT THE START OF STEP 4A, EXISTING STAIR A AND B WILL BE AVAILABLE EGRESS FROM EXISTING SUB-CELLAR 3 TO CELLAR LEVEL. AT THE CELLAR LEVEL THERE IS A TEMP STAIR ADJACENT TO STAIR B THAT PROVIDES EGRESS FROM THE CELLAR TO THE GROUND FLOOR.

STAIR "O" PROVIDES EMERGENCY EGRESS FOR MNR PERSONNEL FROM THE EXPRESS LEVEL TO THE GROUND FLOOR. STAIR "O" ALSO PROVIDES EGRESS FOR THE CONTRACTOR FROM SUB-CELLAR 1 TO THE GROUND FLOOR.

BELOW SUB-CELLAR 1, STAIR "O" NO LONGER PROVIDES ACCESS TO SUB-CELLAR 2 OR SUB-CELLAR 3 DUE TO THE NEW D.1 SHEAR WALL. STAIR "O" IS TO REMAIN ACCESSIBLE THROUGHOUT STEP 4A UNTIL THE NEW SUB-CELLAR 1 SLAB NORTH OF T9 IS COMPLETE.

AFTER THE SLAB IS COMPLETE, A TEMPORARY STAIR SHALL BE INSTALLED FROM THE NEW SUB-CELLAR 2 TO THE NEW SUB-CELLAR 1 IN THE NEW STAIR BB OPENING (ALTERNATIVELY, THE NEW PERMANENT STAIR BB CAN BE INSTALLED IF THE CONDITIONS PERMIT).

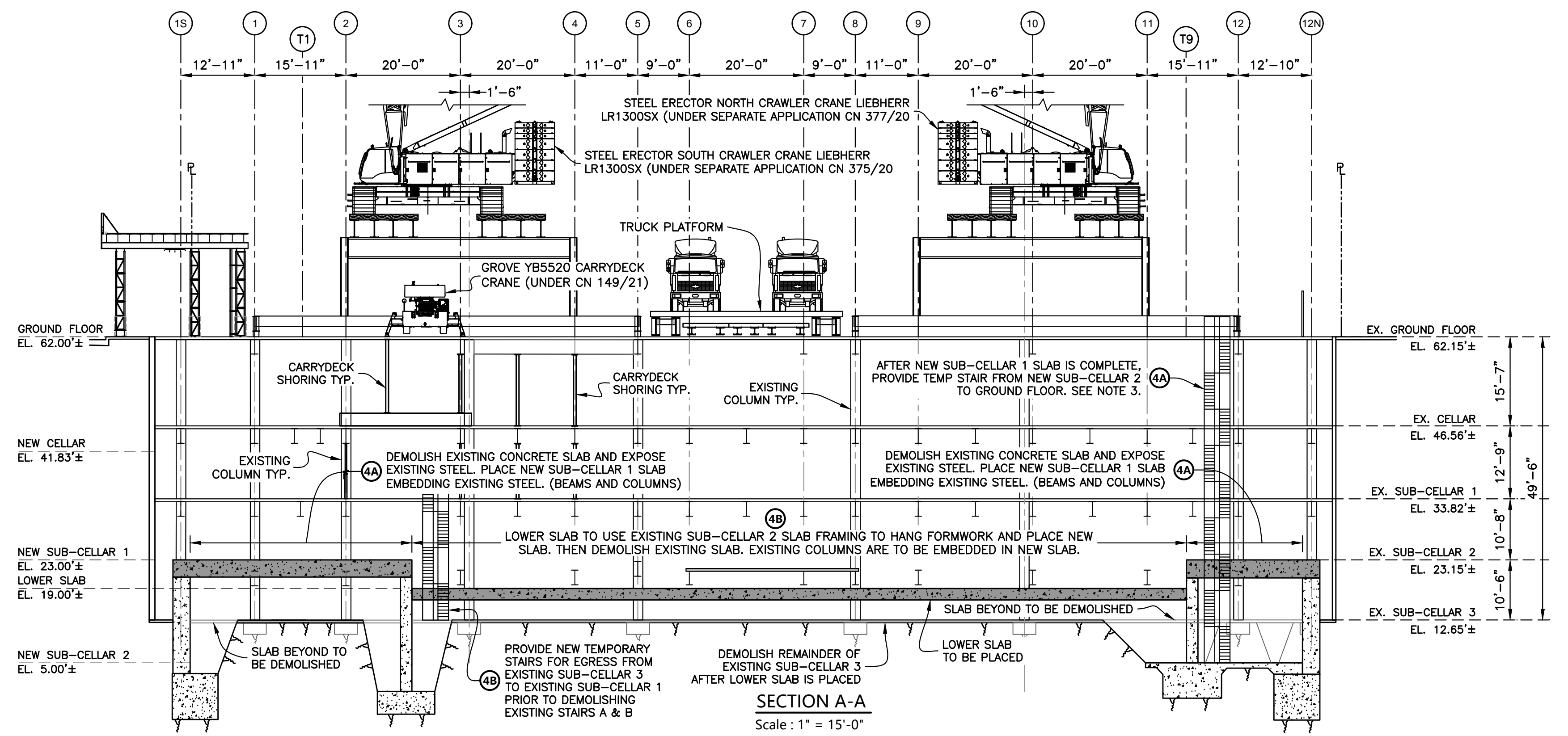
A TEMPORARY STAIR SHALL THEN BE INSTALLED FROM NEW SUB-CELLAR 1 TO EXISTING SUB-CELLAR 1, CELLAR, AND THE GROUND FLOOR THROUGH THE EXISTING AIR SHAFT OPENING TO PROVIDE ACCESS TO ALL LEVELS.

THE MNR EMERGENCY EGRESS SHALL BE RE-ROUTED FROM THE EXPRESS LEVEL (SUB-CELLAR 1) TO THE TEMPORARY STAIR IN THE AIR SHAFT. AFTER THE TRANSITION IS COMPLETE, STAIR "O" CAN THEN BE TAKEN OUT-OF-SERVICE AND DEMOLISHED AS NEEDED.

**4. EGRESS DURING STEP 4B**

AT THE START OF STEP 4B, A TEMPORARY STAIR SHALL BE INSTALLED IN THE NEW ELEVATOR SHAFT OPENING WEST OF D.1-LINE AND SOUTH OF THE NEW STAIR AA OPENING. THE TEMPORARY STAIR SHALL PROVIDE ACCESS FROM EXISTING SUB-CELLAR 3, TO SUB-CELLAR 1. DEMOLITION OF A PORTION OF SUB-CELLAR 1 SLAB IS REQUIRED FOR THE TEMP STAIR INSTALLATION. SEE SSP-438.

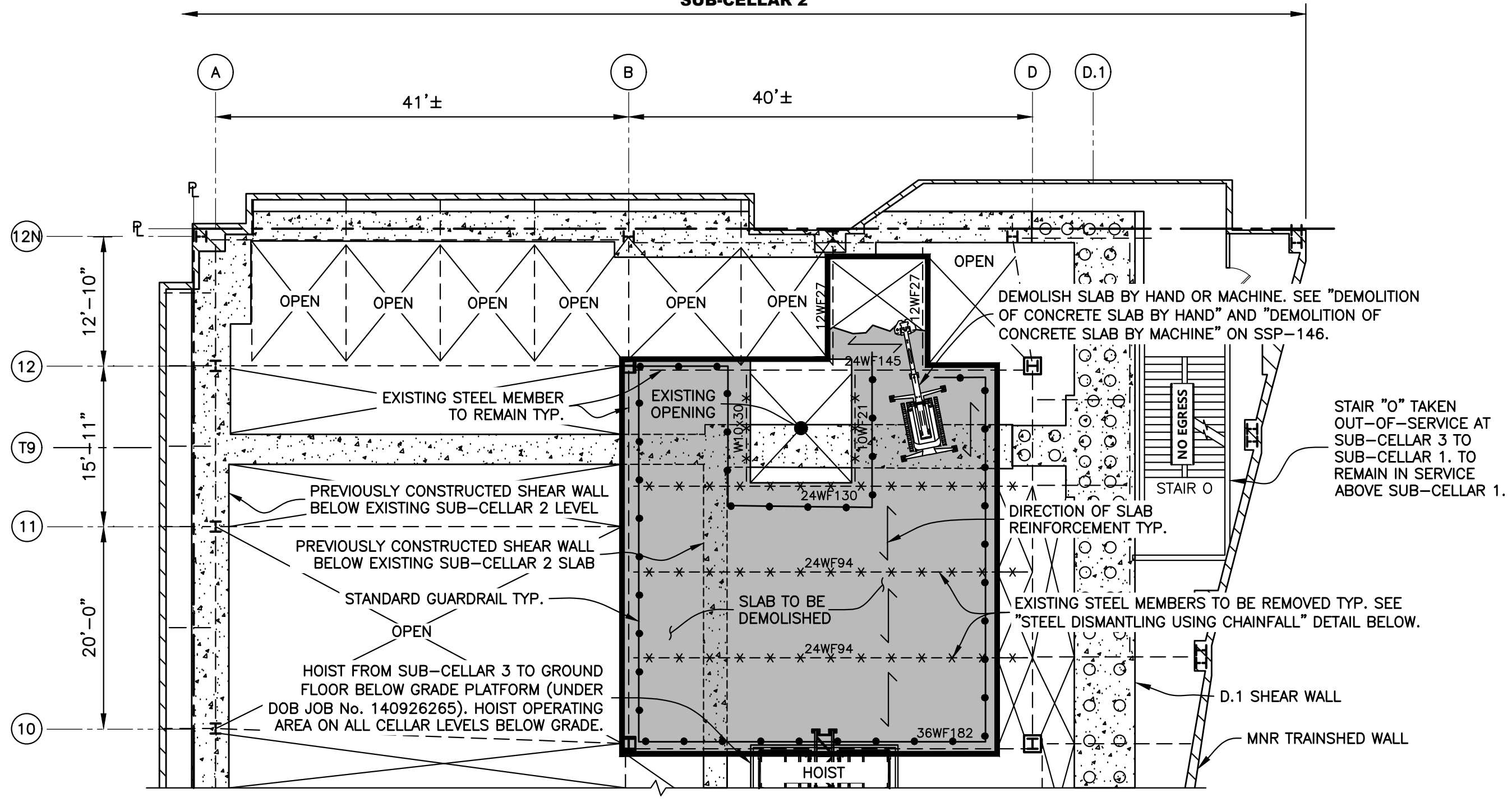
AFTER THE NEW SUB-CELLAR 1 SLAB IS COMPLETE, THE NEW PERMANENT STAIR AA CAN BE INSTALLED FROM THE NEW SUB-CELLAR 2 TO THE NEW SUB-CELLAR 1, IF CONDITIONS PERMIT.



SECTION A-A  
Scale: 1" = 15'-0"

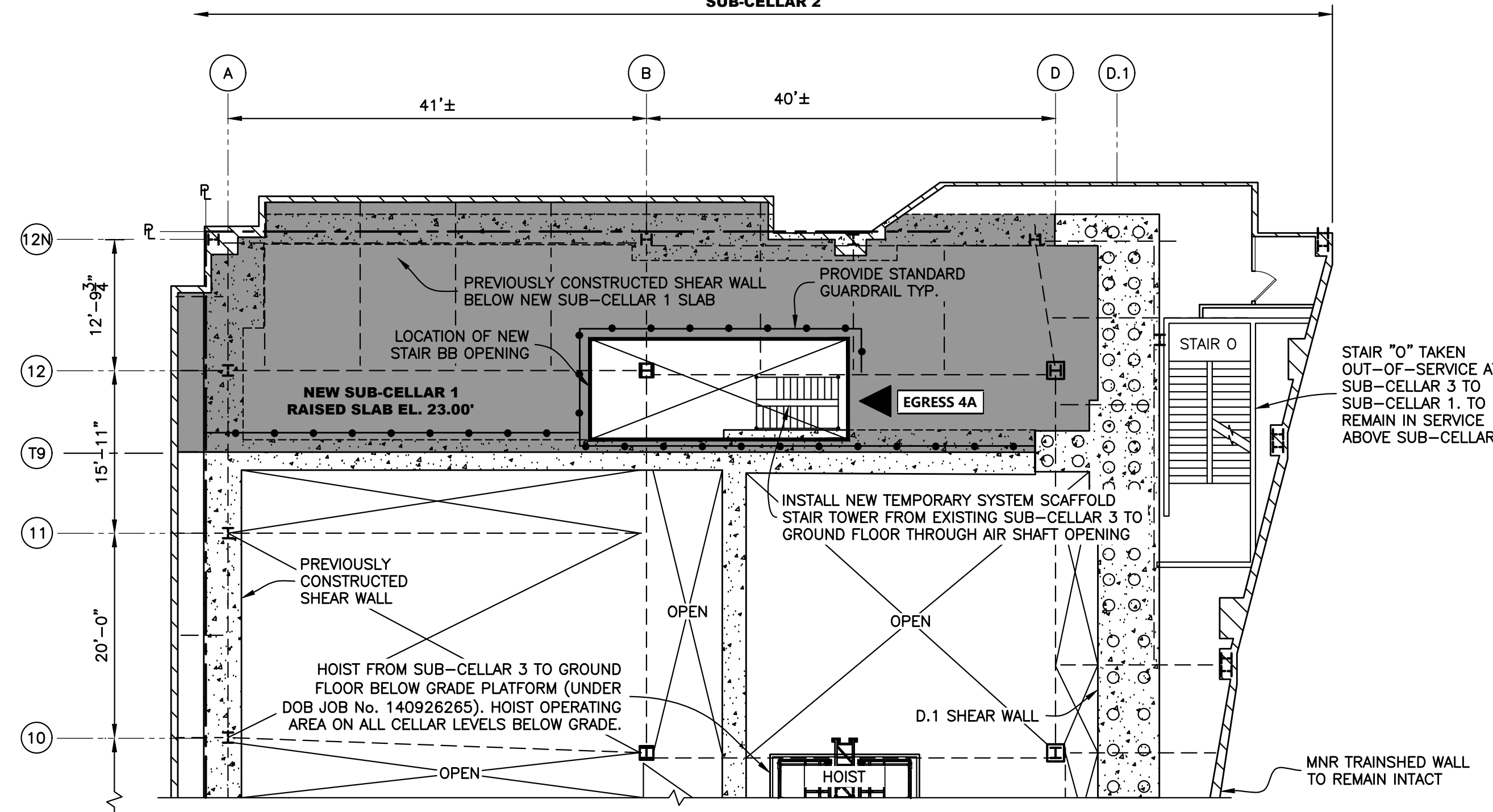
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CLIENT JOHN CIVETTA & SONS, INC. 1123 BRONX RIVER AVE, BRONX, NY 10472 PH: (718) 589-9000			
PROJECT PARTIAL DEMOLITION OF CELLAR SLABS FOR FOUNDATION CONSTRUCTION AT 270 PARK AVENUE, MANHATTAN, NY			
ZONING INFORMATION BLOCK: 1283 LOT: 21 ZONE: C5-3 ZONING MAP: 8D COMMUNITY BOARD: 105 BIN #: 1035421			
TITLE PHASE 1: STEPS 4A & 4B CELLAR & SUB-CELLAR RECONSTRUCTION SUB-CELLAR 2 PLAN			
SEAL & SIGNATURE	DRAWING BY: KC DATE: 03/19/2021		
	PROJECT NO: 18211.03.00		
	ENGINEER: JS		
	SCALE: AS NOTED		
	CHK BY: JS		
	DWG NO: SSP-436.00		
	66 OF 69		

**270 PARK AVE  
SUB-CELLAR 2**



**EXISTING SUB-CELLAR 2 PARTIAL PLAN (STEP 4A)**  
Scale: 3/32" = 1'-0"

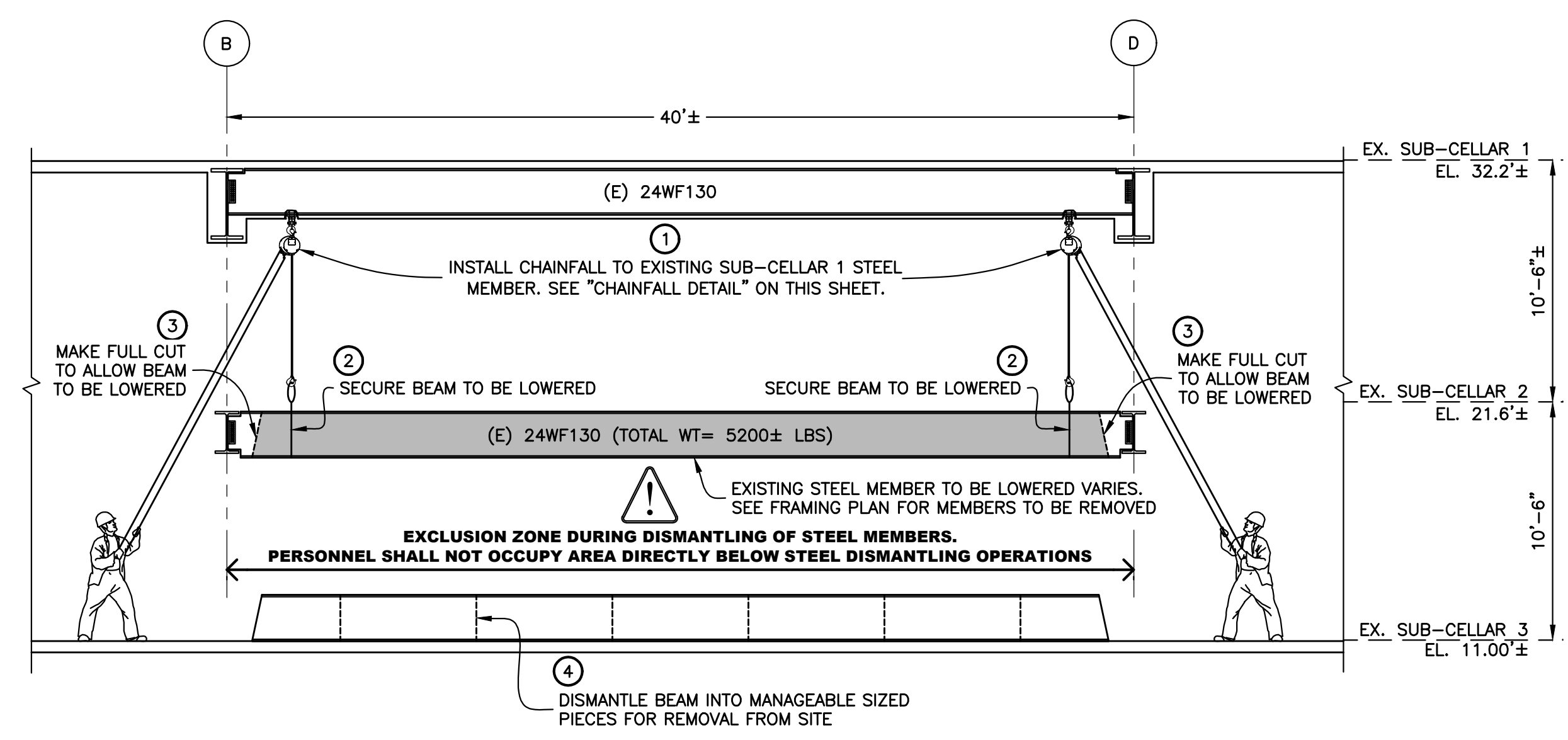
**270 PARK AVE  
SUB-CELLAR 2**



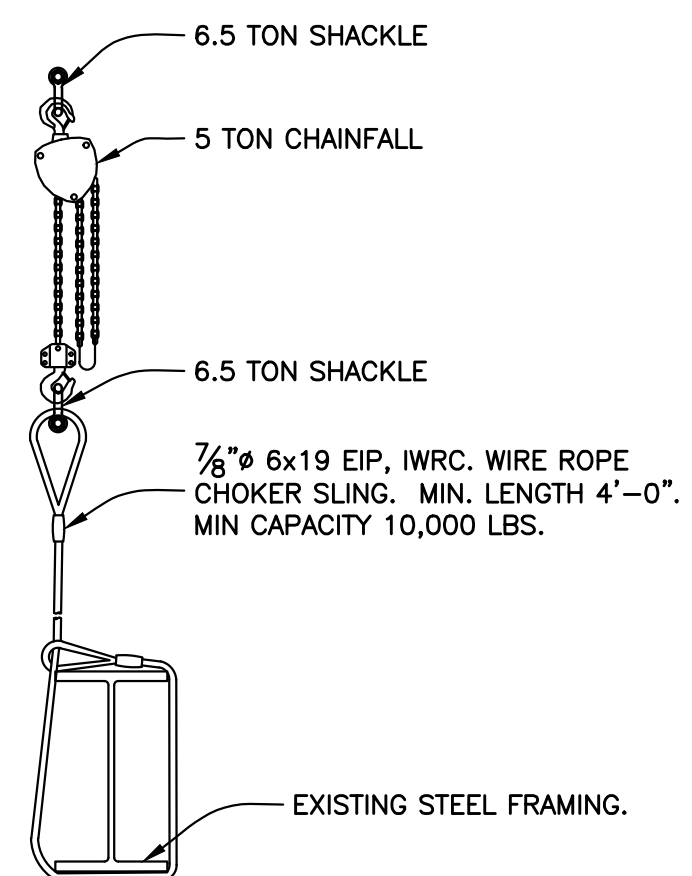
**EXISTING SUB-CELLAR 2 PARTIAL PLAN - INSTALLATION OF NEW TEMP STAIR 4A AT RAISED SLAB**  
Scale: 3/32" = 1'-0"

**LEGEND**

- SLAB TO BE DEMOLISHED
- NEW CELLAR 1 RAISED SLAB
- NEW SHEAR WALL TYP.
- EXISTING STEEL MEMBER TO REMAIN TYP.
- EXISTING STEEL MEMBER TO BE REMOVED TYP.
- STANDARD GUARDRAIL TYP.
- EGRESS TO GROUND FLOOR TYP.
- EXISTING BUILDING COLUMN TYP.

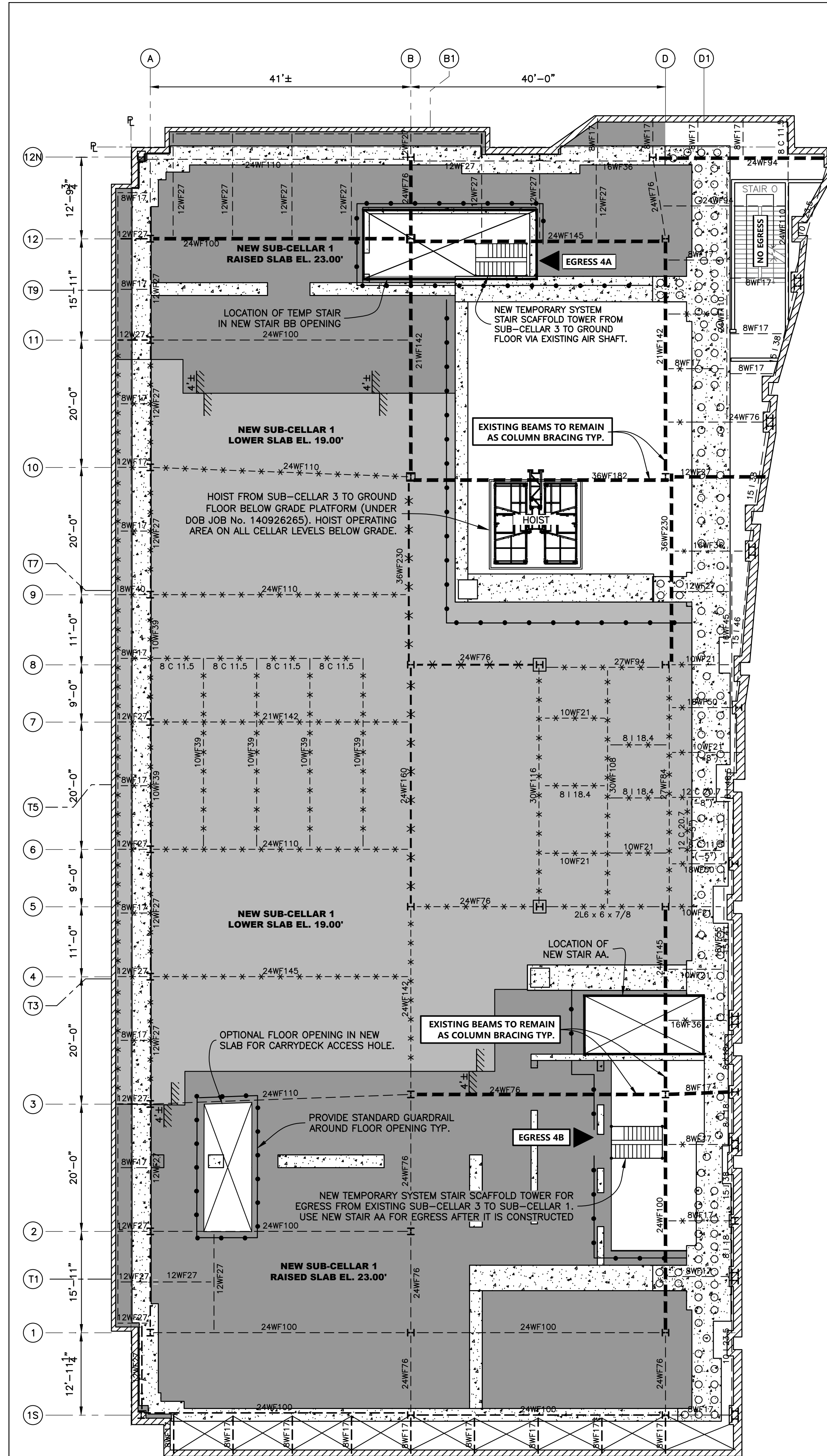


**STEEL DISMANTLING USING CHAINFALL**  
Scale: 3/32" = 1'-0"



**CHAINFALL DETAIL**  
Scale: 1/2" = 1'-0"

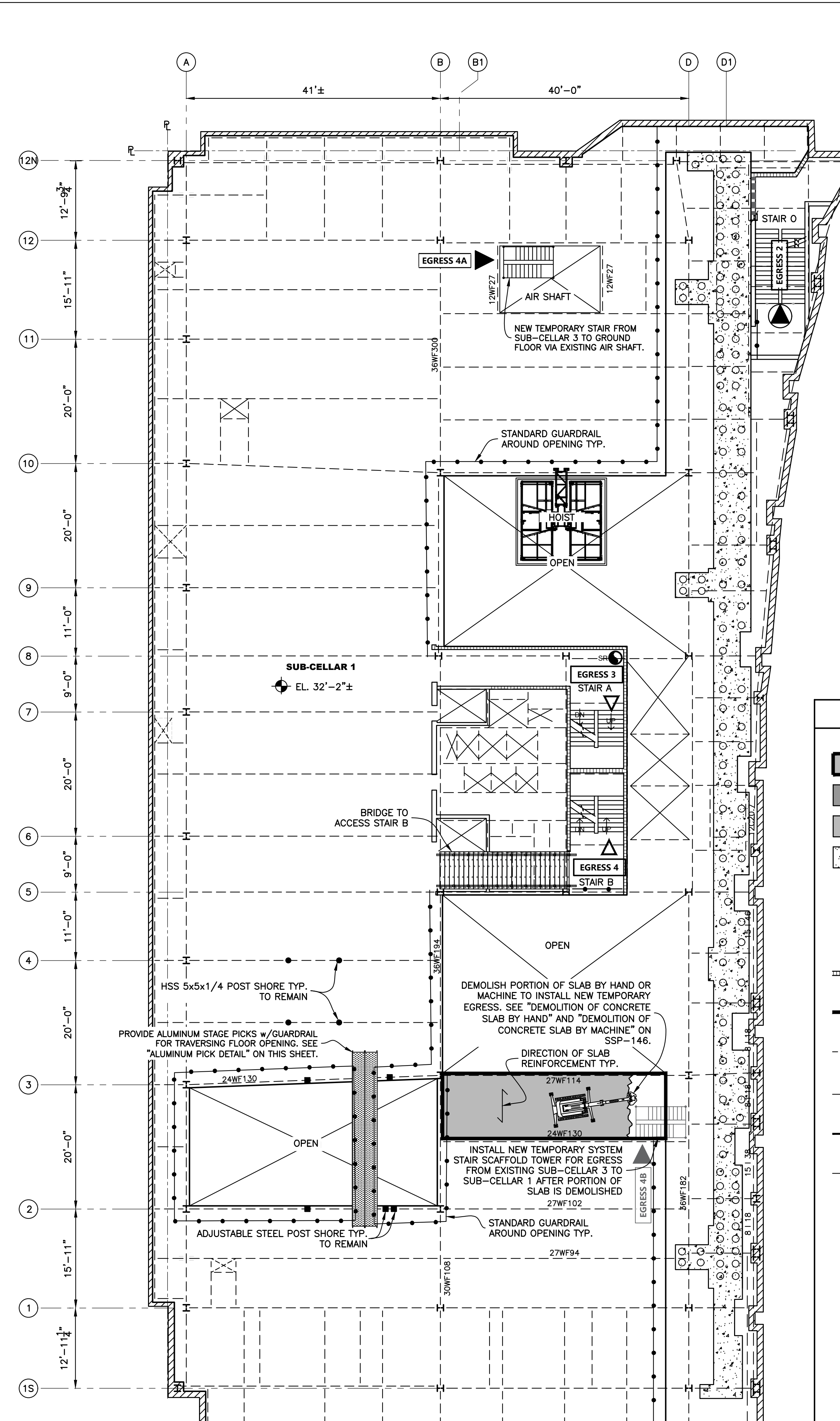
No.	DATE	DESCRIPTION	BY
<b>HOWARD I. SHAPIRO &amp; ASSOCIATES</b> CONSULTING ENGINEERS, P.C.			
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<b>PROJECT</b>			
PARTIAL DEMOLITION OF CELLAR SLABS FOR FOUNDATION CONSTRUCTION AT 270 PARK AVENUE, MANHATTAN, NY			
<b>ZONING INFORMATION</b>			
BLOCK: 1283 LOT: 21 ZONE: C5-3 ZONING MAP: 8D COMMUNITY BOARD: 105 BIN #: 1035421			
PLACE STICKER HERE			
 Sk Ali-Shafin APPROVED AMENDED PLAN 04/01/2021 CSC-SSP			
<b>TITLE</b>			
PHASE 1: STEPS 4A & 4B CELLAR & SUB-CELLAR RECONSTRUCTION SUB-CELLAR 2 PARTIAL PLANS			
<b>SEAL &amp; SIGNATURE</b>	<b>DRAWING BY:</b> KC	<b>DATE:</b> 03/19/2021	
	<b>PROJECT NO:</b> 18211.03.00	<b>ENGINEER:</b> JS	
	<b>SCALE:</b> AS NOTED	<b>CHK BY:</b> JS	
	<b>DWG NO:</b>		
			<b>SSP-437.00</b>
			67 OF 69



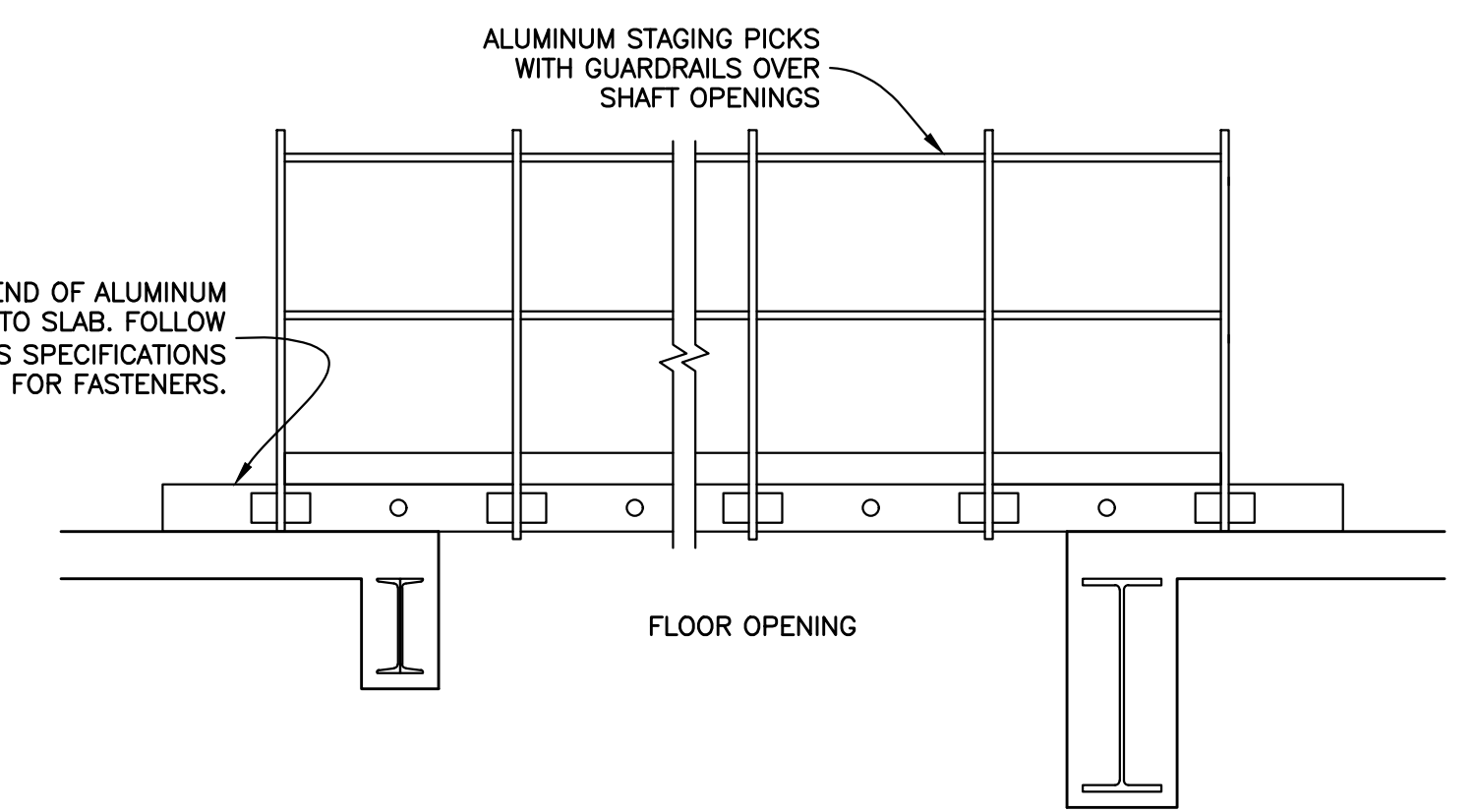
NEW SUB-CELLAR 1/EXISTING SUB-CELLAR 2 - STEEL DISMANTLING PLAN  
Scale : 3/32" = 1'-0"

NOTE:

- STEEL FRAMING SHALL ONLY BE DISMANTLED AFTER NEW SUB-CELLAR 1 SLAB IS COMPLETED. MINIMUM CONCRETE STRENGTH = 3000 PSI.



EXISTING SUB-CELLAR 1 PLAN - INSTALLATION OF NEW TEMP STAIR 4B  
Scale : 3/32" = 1'-0"

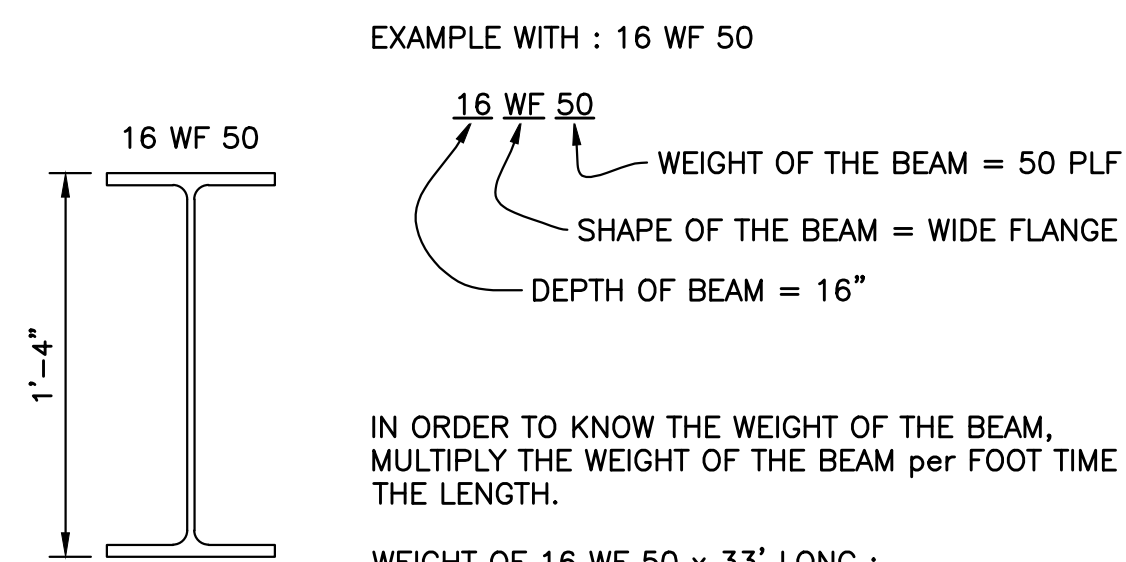


LEGEND	
	PORTION OF SLAB TO BE DEMOLISHED
	NEW CELLAR 1 SLAB RAISED SLAB
	NEW CELLAR 1 SLAB LOWER SLAB
	NEW SHEAR WALL TYP.
	EXISTING STAIR
	EXISTING STAIR ENCLOSURE WALL TYP.
	EXISTING STEEL MEMBER TO REMAIN AS COLUMN BRACING TYP.
	EXISTING STEEL MEMBER EMBEDDED IN CONCRETE TO BE REMOVED TYP.
	EXISTING STEEL MEMBER PARTIALLY EMBEDDED IN CONCRETE TO BE REMOVED TYP.
	STANDARD GUARDRAIL TYP.
	EXISTING STANDPIPE RISER TYP.
	HSS 5x5x1/4 POST SHORE TYP. TO REMAIN
	ADJUSTABLE POST SHORE TYP. TO REMAIN
	EXISTING EGRESS TO GROUND FLOOR
	EXISTING MNR EGRESS TO GROUND FLOOR
	EGRESS TO FLOORS OTHER THAN GROUND FLOOR
	EXISTING BUILDING COLUMN TYP.

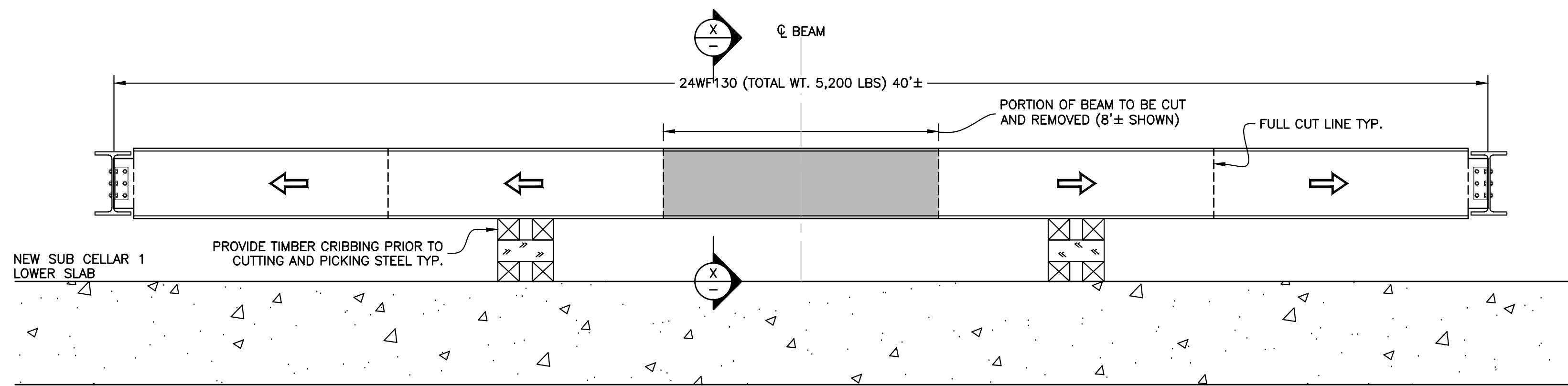
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PROJECT			
PARTIAL DEMOLITION OF CELLAR SLABS FOR FOUNDATION CONSTRUCTION AT 270 PARK AVENUE, MANHATTAN, NY			
ZONING INFORMATION			
BLOCK: 1283 LOT: 21 ZONE: C5-3 ZONING MAP: 8D COMMUNITY BOARD: 105 BIN #: 1035421			
 APPROVED AMENDED PLAN 04/01/2021 <small>CS-CSSP</small>			
TITLE			
PHASE 1: STEPS 4A & 4B CELLAR & SUB-CELLAR RECONSTRUCTION NEW SUB-CELLAR 1 & EXISTING SUB-CELLAR 1 PLANS			
SEAL & SIGNATURE		DRAWING BY: KC	DATE: 03/19/2021
		PROJECT NO: 18211.03.00	ENGINEER: JS
		SCALE: AS NOTED	CHK BY: JS
		DWG NO:	
		SSP-438.00	



**GENERAL NOTES FOR DETERMINING WEIGHTS OF STRUCTURAL MEMBERS :**

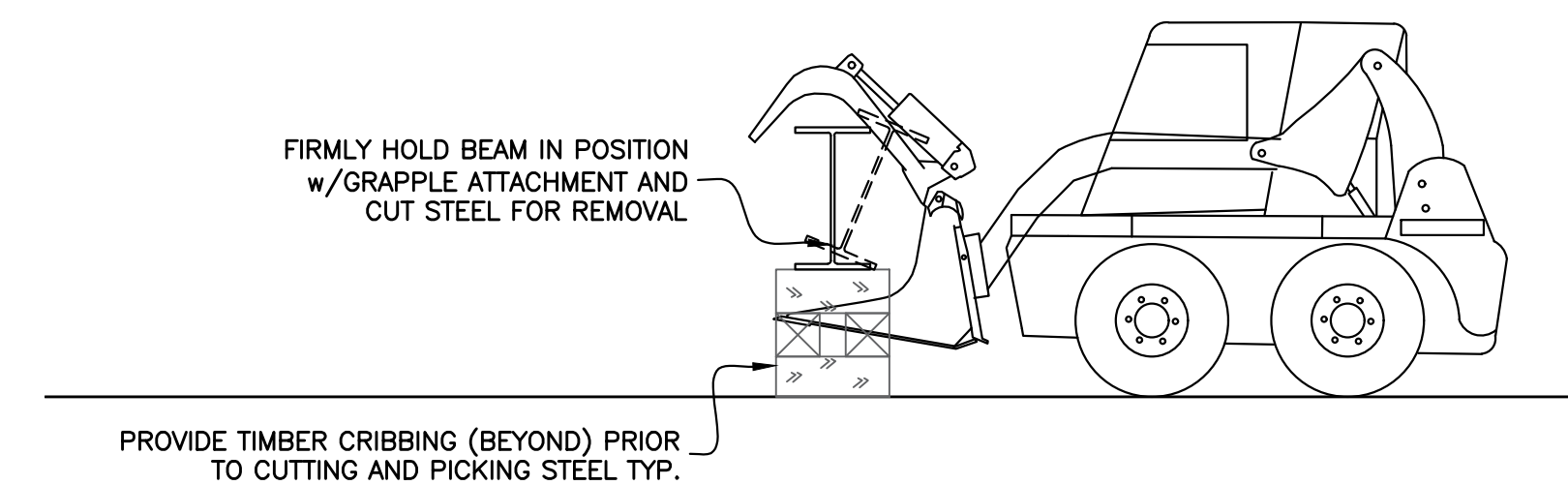


**ESTIMATING WEIGHT OF STEEL BEAM DETAIL**  
Scale : 1 1/2" = 1'-0"

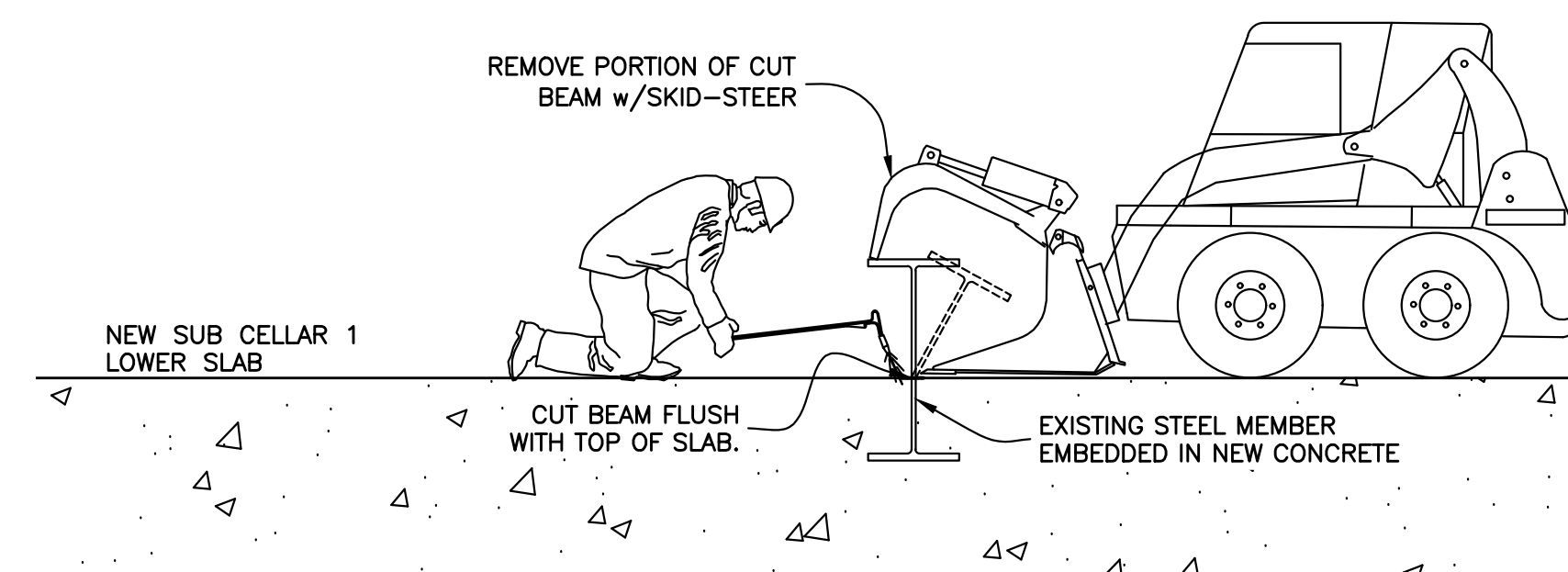


**STEEL DISMANTLING DETAIL - ELEVATED MEMBERS**  
Scale : 3/8" = 1'-0"

MEMBER NAME LENGTH VARIES (MAX. LENGTH SHOWN)	BEAM DISMANTLEMENT SCHEDULE	
	S450 SKID-STEER	
	MACHINE MAX LIFT CAPACITY =1370 LBS	
8C 11.5 (x8± FT)	8 FT (92 LBS)	
8WF17 (x5± FT)	5 FT (85 LBS)	
8 I 18.4 (x11± FT)	11 FT (202 LBS)	
10WF21 (x11± FT)	11 FT (231 LBS)	
10WF39 (x20± FT)	10 FT (390 LBS)	
12WF27 (x5± FT)	5 FT (135 LBS)	
21WF142 (x40± FT)	5 FT (710 LBS)	
24WF76 (x19± FT)	8 FT (608 LBS)	
24WF94 (x40± FT)	8 FT (752 LBS)	
24WF110 (x40± FT)	8 FT (880 LBS)	
24WF130 (x40± FT)	8 FT (1040 LBS)	
24WF145 (x40± FT)	8 FT (1160 LBS)	
24WF160 (x40± FT)	8 FT (1280 LBS)	
27WF84 (x38± FT)	6 FT (504 LBS)	
27WF94 (x19± FT)	8 FT (752 LBS)	
30WF108 (x38± FT)	8 FT (864 LBS)	
30WF116 (x38± FT)	8 FT (928 LBS)	
36WF230 (x29± FT)	5 FT (1150 LBS)	



**SECTION X-X - ELEVATED MEMBERS**  
Scale : 3/8" = 1'-0"



**SECTION X-X - EMBEDDED MEMBERS**  
Scale : 3/8" = 1'-0"

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<b>ZONING INFORMATION</b> BLOCK: 1283 LOT: 21 ZONE: C5-3 ZONING MAP: 8D COMMUNITY BOARD: 105 BIN #: 1035421			
PLACE STICKER HERE			
<b>TITLE</b> PHASE 1: STEPS 4A & 4B CELLAR & SUB-CELLAR RECONSTRUCTION STEEL DISMANTLING DETAILS			
<b>SEAL &amp; SIGNATURE</b>	<b>DRAWING BY:</b> KC <b>DATE:</b> 03/19/2021 <b>PROJECT NO:</b> 18211.03.00 <b>ENGINEER:</b> JS <b>SCALE:</b> AS NOTED <b>CHK BY:</b> JS <b>DWG NO:</b>	<b>SSP-439.00</b>	
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