



# SITE SAFETY Cover Sheet



Drop off Date: 03/03/20 Application No.: 121204785 Major Project: YES HPD: NO Build It Back: NO

Filed at Address: 270 Park Avenue AKA Address: 33-59 E 47 St, 28-54 E 48 St, 393-409 Madison Ave

Borough: MN Block: 1283 Lot: 21 Community Board: 105 BIN No.: 1035421

Application Type: ALTERATION TYPE 2

No. of Buildings on lot: SINGLE BUILDING

No. of Stories: Building/Tower #1: 52 - 61

Building/Tower #2:

Building/Tower #3:

Building/Tower #4:

Building/Tower #5:

## General Description:

Façade/Rehab ☐

Alteration: Shoring ☐

Façade/Substantial re-clad ☐

Alteration: Alternate protection ☐

Alteration: Vertical/Horizontal ☐

Alteration (specify): Other ☐

Alteration: Mechanical Use ☒

New Building ☐

Submittal Format: 2D ELECTRONIC

Submission Phase: SITE SAFETY > 75'

Submission Type: POST APPROVAL REVISION

## Contact Information:

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Contracting Company Name: NorthStar Contracting Group

Phone: 973-884-8682

Contact Name: Kevin Kearney

Email: KKearney@NorthStar.com

Application Reviewed by: PROJECT MANAGER

PRINT NAME: Lauren O'Reilly

SIGNATURE:

*Lauren O'Reilly*

## FOR INTERNAL USE ONLY

Information provided above verified by (INITIAL): Emergency Dec filed: YES ☐ NO ☐

Document Attached: YES ☐ NO ☐ Date assigned to Examiner:

Examiners name (PRINT NAME):

Job Status: Approved ☒ Disapproved ☐ Date: 03/06/2020 Objection Attached: YES ☐ NO ☐



SITE SAFETY PLAN FOR DEMOLITION OPERATIONS AT  
270 PARK AVE, MANHATTAN, NY

AMENDMENT #12

PHASE 1.1  
PHASE 1.2

JOB NO. (SEE BELOW)  
JOB NO. 123377782

PHASE 2.1  
PHASE 2.2  
PHASE 2.3  
PHASE 2.4  
PHASE 2.5

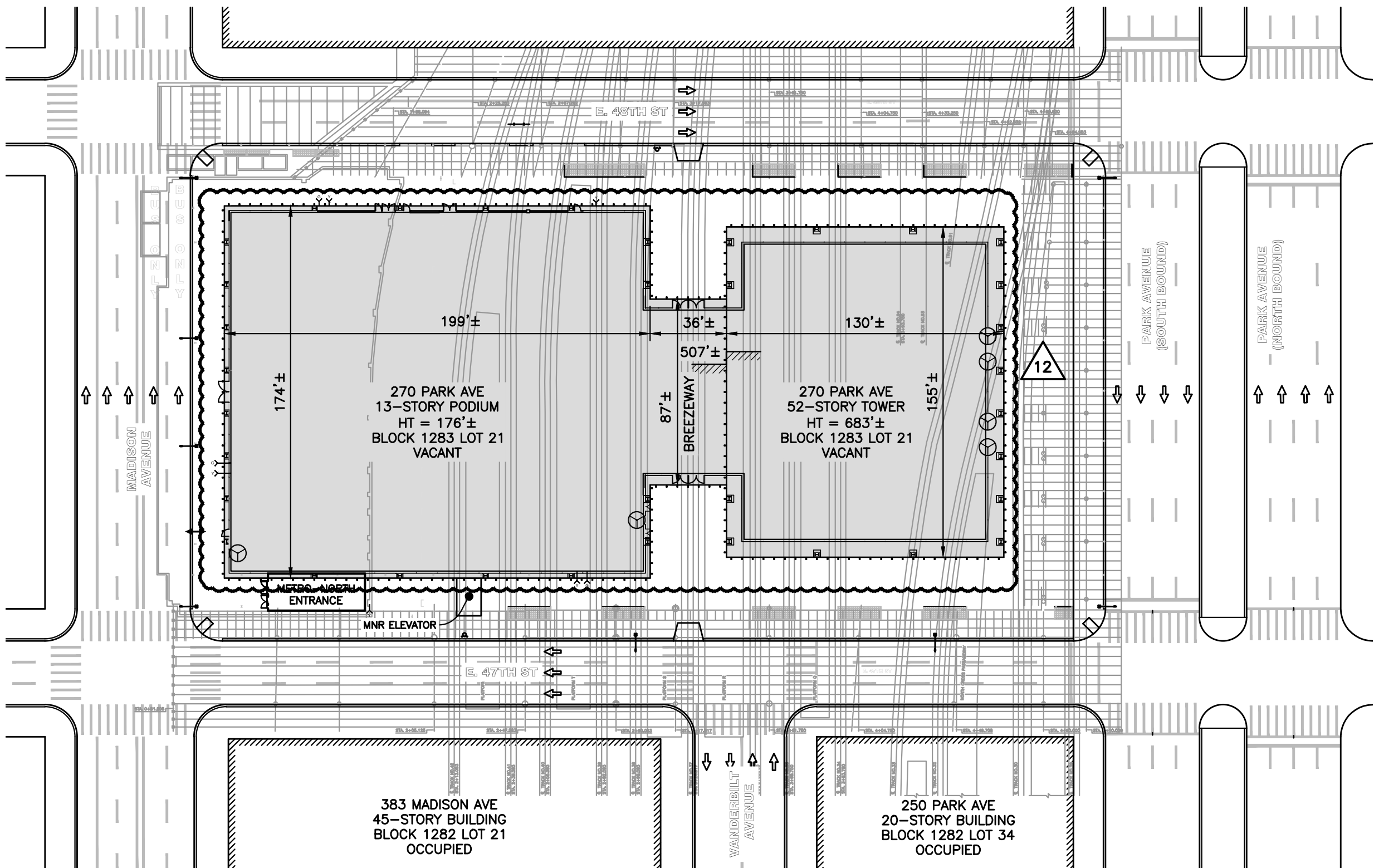
JOB NO. 121204703  
JOB NO. 121204785  
JOB NO. (SEE BELOW)  
JOB NO. 123656640  
JOB NO. (SEE BELOW)

← AMENDMENT TO  
THIS APPLICATION

LEGEND

AREA UNDER CONSIDERATION

PROPERTY LINE



KEY PLAN  
Scale : 1" = 50'



PHASE 1 :

PHASE 1.1 NON-STRUCTURAL INTERIOR DEMOLITION AT THE 41ST AND 29TH FLOORS.

NON-STRUCTURAL INTERIOR DEMOLITION FOR REMAINDER OF FLOORS IN TOWER AND PODIUM BUILDINGS. INCLUDES FLOORS 1 TO 12, 15 TO 28, 30 TO 40, AND 42 TO 50.

PHASE 1.2 DEMOLITION AND REMOVAL OF TWO CONCRETE PLANTERS AND CANOPY AT THE NORTH BREEZEWAY AND DEMOLITION OF WEST PLANTER ON 47TH STREET.

DEMOLITION AND REMOVAL OF CONCRETE PLANTERS ON THE EAST SIDE OF 47TH ST, 48TH ST AND ALONG PARK AVE.

DEMOLITION AND REMOVAL OF CONCRETE PLANTER AND CANOPY AT THE SOUTH BREEZEWAY ON 47TH ST.

PHASE 2 :

PHASE 2.1 GLASS REMOVAL ON THE FOUR SIDES OF THE 41ST AND 29TH FLOORS AND STRIP FROM ROOF TO 2ND FLOOR ALONG NORTH AND WEST ELEVATIONS FOR HOIST ACCESS.

GLASS REMOVAL ON ALL SIDES OF THE TOWER AT THE 16TH FLOOR AND STRIP FROM THE ROOF TO THE 1ST FLOOR ALONG THE NORTH, SOUTH, EAST AND WEST ELEVATIONS.

GLASS REMOVAL ON ALL SIDES OF THE TOWER AT THE 2ND AND 1ST FLOORS.

GLASS REMOVAL ON ALL SIDES OF THE PODIUM AND BREEZEWAY FROM ROOF TO THE GROUND FLOOR.

GLASS REMOVAL AT SELECT LOCATIONS ALONG THE SOUTH ELEVATION OF THE TOWER FOR THE INSTALLATION OF CRANE TIES.

PHASE 2.2 REMOVAL OF MECHANICAL EQUIPMENT AT TOWER ROOF, PODIUM ROOF, MECHANICAL FLOORS AT 52, 51, 35, 34, 13, 12, 11, CELLAR AND SUB-CELLARS 1 TO 3.

REMOVAL OF MECHANICAL EQUIPMENT FROM HUNG CEILING (INTERSTITIAL SPACE).

MAKE FLOOR OPENINGS IN CELLAR AND SUB-CELLAR LEVELS FOR NEW B.1 COLUMNS.

PHASE 2.3 INSTALLATION OF NEEDLE BEAM, 300 PSF PLATFORM AND SCAFFOLD.

PHASE 2.4 FULL STRUCTURAL DEMOLITION OF 52-STORY TOWER AND 13-STORY PODIUM BUILDING.

PHASE 2.5 OVERLAPPING DEMOLITION AND FOUNDATION WORK OPERATIONS.

PERMIT LOG :

EXTERIOR DEMOLITION :

ALT-2 PLANTER & CANOPY DEMOLITION 123377782

PHASE 1.1: INTERIOR DEMOLITION :

ALT-2 INTERIOR DEMOLITION (FLOORS 29, 41) 123381599  
ALT-2 INTERIOR DEMOLITION (FLOOR 1) 123510898  
ALT-2 INTERIOR DEMOLITION (FLOORS 2 TO 4) 123510879  
ALT-2 INTERIOR DEMOLITION (FLOORS 5 TO 8) 123369700  
ALT-2 INTERIOR DEMOLITION (FLOORS 9 TO 12) 123415955  
ALT-2 INTERIOR DEMOLITION (FLOORS 15 TO 16) 123414652  
ALT-2 INTERIOR DEMOLITION (FLOORS 17 TO 20) 123369513  
ALT-2 INTERIOR DEMOLITION (FLOORS 21 TO 24) 123481179  
ALT-2 INTERIOR DEMOLITION (FLOORS 25 TO 28) 123415937  
ALT-2 INTERIOR DEMOLITION (FLOORS 30 TO 32) 123414643  
ALT-2 INTERIOR DEMOLITION (FLOORS 33 TO 36) 123491845  
ALT-2 INTERIOR DEMOLITION (FLOORS 37 TO 40) 123479725  
ALT-2 INTERIOR DEMOLITION (FLOORS 42 TO 44) 123493460  
ALT-2 INTERIOR DEMOLITION (FLOORS 45 TO 48) 123493512  
ALT-2 INTERIOR DEMOLITION (FLOORS 49 TO 50) 123415964

HOIST, SIDEWALK SHED, SCAFFOLD, & FENCE :

ALT-3 WEST HOIST COMPLEX (CARS 1 & 2) 140806894  
ALT-3 WEST HOIST COMPLEX (CARS 3 & 4) 140806901  
ALT-3 SUSPENDED SCAFFOLD 140809999  
ALT-3 ROOF PROTECTION 140809338  
ALT-3 CONSTRUCTION FENCE M00078455  
ALT-3 SIDEWALK SHED M00096465  
ALT-3 SIDEWALK SHED M00091254  
ALT-3 SIDEWALK SHED M00098827  
ALT-3 SIDEWALK SHED M00098832  
ALT-3 SIDEWALK SHED (OVER MNR EXIT) M00127929  
ALT-2 HEAVY-DUTY PLATFORM (GRD) 140842257  
ALT-2 LOADING DOCK (GRD) 123893331

PHASE 2.3: SCAFFOLD INSTALLATION :

ALT-3 NEEDLE BEAM PLATFORM & SCAFFOLD (TOWER FLOORS 41-53) M00105137-11-SF  
ALT-3 NEEDLE BEAM PLATFORM & SCAFFOLD (TOWER FLOORS 29-41) M00134730-11-SF  
ALT-3 NEEDLE BEAM PLATFORM & SCAFFOLD (TOWER FLOORS 16-29) M00134735-11-SF  
ALT-3 TOWER BASE SCAFFOLD (TOWER FLOORS 1 TO 16) M00140916  
ALT-3 SCAFFOLD ON TOP OF SIDEWALK SHED (PODIUM FLOORS 2-14) M00133856-11-SF

PREPARATION FOR DEMOLITION :

ALT-2 WINDOW REMOVAL (FLOORS 41, 29) 121204703  
ALT-2 REMOVAL OF HVAC AND MECH. EQ & EQ PERMIT 121204785  
ALT-2 STANDPIPE CONVERSION 123892895  
ALT-2 TROLLEY BEAM & WINCH 123892895  
ALT-2 DEBRIS SHAFT 140850265  
ALT-2 DEBRIS SHAFT # 2 EAST 140864223  
FULL DEMOLITION 123656640  
TEMPORARY ELECTRIC LIGHT & POWER M00141508-11-EL  
TEMPORARY ELECTRIC BUS DUCT RE-FEED M00141992-11-EL

CRANE NOTIFICATIONS :

MOBILE CRANE FOR GENERATORS 120/19  
TOWER CRANE FOR DEMOLITION 170/19  
MOBILE CRANE FOR FOUNDATION WORK 902/19  
MOBILE CRANE FOR DEMOLITION PENDING

PHASE 2.5: FOUNDATION WORK :

ALT-2 INSTALLATION OF CAISSONS AND PILE CAPS (CEL, SUB) 121189286  
ALT-4 FOUNDATION ENHANCEMENTS AT D-1 LINE 121204810  
ALT-2 HAND DEMOLITION OF PORTION OF SUB-CELLAR 2 140836326  
ALT-2 MECHANICAL DEMOLITION OF PORTION OF SUB-CELLAR 2 121207087

|     |          |                     |    |
|-----|----------|---------------------|----|
| 12  | 03/04/20 | REVISED COVER SHEET | KC |
| 11  | 12/10/19 | REVISED COVER SHEET | KC |
| 10  | 08/30/19 | REVISED COVER SHEET | KC |
| 9   | 11/15/19 | REVISED COVER SHEET | KC |
| 8   | 05/31/19 | REVISED COVER SHEET | KC |
| 7   | 05/14/19 | REVISED COVER SHEET | KC |
| 6   | 04/17/19 | REVISED COVER SHEET | KC |
| 5   | 08/05/19 | REVISED COVER SHEET | KC |
| 4   | 02/15/19 | REVISED COVER SHEET | KC |
| 3   | 01/15/19 | REVISED COVER SHEET | KC |
| 2   | 10/22/18 | REVISED COVER SHEET | KC |
| 1   | 08/24/18 | REVISED COVER SHEET | KC |
| No. | DATE     | DESCRIPTION         | BY |

**HOWARD I. SHAPIRO**  
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CLIENT

NORTHSTAR CONTRACTING GROUP, INC.  
32 WILLIAMS PARKWAY  
EAST HANOVER, NJ 07936

PROJECT

SITE SAFETY PLAN FOR  
DEMOLITION OPERATIONS AT  
270 PARK AVENUE, MANHATTAN, NY

ZONING INFORMATION

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

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TITLE

TITLE SHEET

SEAL & SIGNATURE  
  
**APPROVED**  
**AMENDED PLAN**  
**03/06/2020**  
CSC SSR

DRAWING BY: KC DATE: 03/04/2020  
PROJECT NO: 18211.02.00  
ENGINEER: JS  
SCALE: AS NOTED  
CHK BY: JS  
DWG NO: **SSP-001.12**

V: 01818211.00.00 I OF 03



| ISSUE |          |          |          |          |          |          |          |          |          |          |          |          |          |
|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|       | 07/11/18 | 08/24/18 | 10/22/18 | 01/15/19 | 02/15/19 | 08/05/19 | 04/17/19 | 05/14/19 | 05/31/19 | 11/15/19 | 08/30/19 | 12/10/19 | 03/04/20 |
|       | 1        | 2        | 3        | 4        | 5        | 6        | 7        | 8        | 9        | 10       | 11       | 12       |          |

| ISSUE    |          |          |          |          |          |          |          |          |          |          |          |          |
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| 07/11/18 | 08/24/18 | 10/22/18 | 01/15/19 | 02/15/19 | 08/05/19 | 04/17/19 | 05/14/19 | 05/31/19 | 11/15/19 | 08/30/19 | 12/10/19 | 03/04/20 |
| 1        | 2        | 3        | 4        | 5        | 6        | 7        | 8        | 9        | 10       | 11       | 12       |          |




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| 4   | 02/15/19 | REVISED SHEETS | KC |
| 3   | 01/15/19 | REVISED SHEETS | KC |
| No. | DATE     | DESCRIPTION    | BY |

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## DRAWING LIST

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| <p>Sk Ali-Shafin</p> <p>SEAL &amp; SIGNATURE</p>  <p><b>APPROVED</b></p> <p><b>AMENDED PLAN</b></p> <p><b>03/06/2020</b></p> <p>CSC SSP</p> | <p>DRAWING BY: KC    DATE: 03/04/2020</p> <p>PROJECT NO: 18211.02.00</p> <p>ENGINEER: JS</p> <p>SCALE: AS NOTED</p> <p>CHK BY: JS</p> <p>DWG NO:</p> |
|  | <p>SSP-002.10</p>  |



REMOVAL OF MECHANICAL EQUIPMENT AT  
270 PARK AVENUE, NEW YORK, NY

1.0 GENERAL NOTES :

- 1.1 THESE PLANS ADDRESS THE REMOVAL OF MECHANICAL EQUIPMENT FROM THE ROOF OF THE TOWER AND ROOF OF THE PODIUM AND FROM THE MECHANICAL FLOORS AT 52, 51, 35, 34, 13, 12, 11, CELLAR AND SUB-CELLARS 1 TO 3. THIS WORK IS PLANNED TO BE PERFORMED IN ADVANCE OF THE STRUCTURAL DEMOLITION (FILED SEPARATELY).
- THE SCOPE OF WORK HEREIN IS AMENDED TO INCLUDE THE REMOVAL OF MECHANICAL EQUIPMENT FROM THE HUNG CEILING BELOW THE GROUND FLOOR AND TO MAKE FLOOR OPENINGS AT THE CELLAR AND SUB-CELLARS FOR NEW B.1 COLUMNS.
- THE BUILDING SHALL BE VACANT PRIOR TO THE START OF MECHANICAL EQUIPMENT REMOVAL UNDER THIS APPLICATION.
- THE SCOPE OF REMOVAL IS LIMITED TO NON-STRUCTURAL MECHANICAL, ELECTRICAL, AND PLUMBING EQUIPMENT (MEP). PRIOR TO REMOVING THE MEP EQUIPMENT, RELATED MEP UTILITIES SHALL BE TAKEN OUT-OF-SERVICE BY LICENSED PLUMBERS AND ELECTRICIANS.
- 1.2 THE WORK SHALL BE DONE IN COMPLIANCE WITH THE 2014 NYC BUILDING CODE (CHAPTER 33), 2014 NYC FIRE CODE AND OSHA REGULATIONS GOVERNING WORKER HEALTH AND SAFETY.
- 1.3 ALL LEADING EDGES ABOVE 6' IN HEIGHT SHALL BE PROTECTED WITH STANDARD GUARDRAILS OR MEN SHALL TIE-OFF WITH AN OSHA COMPLIANT PERSONAL FALL ARREST SYSTEM FASTENED TO ADEQUATE TIE-OFF POINTS WHEN WORKING WITHIN 6' OR GREATER ABOVE A LOWER LEVEL.
- 1.4 ACCUMULATED DEBRIS SHALL BE CLEARED BY HAND AND LOADED INTO MINI-CONTAINERS OR OTHER SUITABLE DEBRIS REMOVAL EQUIPMENT AT THE END OF EACH SHIFT. THE CONSTRUCTION HOISTS CAN BE USED TO REMOVE THE DEBRIS. ALTERNATIVELY, PRIOR TO INSTALLING THE AIR TUGGER IN THE PODIUM ELEVATOR SHAFT, THE EXISTING TOWER ELEVATORS CAN BE USED TO TRANSPORT DEBRIS DOWN TO THE 12TH FLOOR THEN TRANSFERRED ALONG THE 12TH FLOOR TO THE PODIUM ELEVATORS. FROM THE PODIUM ELEVATORS THE DEBRIS IS BROUGHT TO THE GROUND FLOOR FOR REMOVAL.
- WHEN THE AIR TUGGER IS INSTALLED AND WORK COMMENCES USING THE AIR TUGGER, THE PODIUM ELEVATOR SHALL CEASE FROM BEING USED.

2.0 DEMOLITION EQUIPMENT

2.1 HANDHELD MECHANICAL EQUIPMENT AND POWER SOURCES :

|                |              |                              |
|----------------|--------------|------------------------------|
| CHIPPING GUN   | RIVET BUSTER | COMPRESSOR                   |
| CUTTING WHEEL  | JACK HAMMER  | OXY-ACETYLENE BURNING OUTFIT |
| SAWZ-ALL       | CHAINSAW     | (FDNY PERMIT REQUIRED)       |
| DEMOLITION SAW | GENERATOR    |                              |

2.2 MECHANICAL EQUIPMENT PERMITTED TO OPERATE UNDER THIS APPLICATION :

|                            |                         |                           |
|----------------------------|-------------------------|---------------------------|
| BROKK 90                   | OPERATING WT = 2200 LBS | ATTACHMENT WT = 308 LBS   |
| BROKK 120D                 | OPERATING WT = 2700 LBS | ATTACHMENT WT = 353 LBS   |
| BROKK 200                  | OPERATING WT = 4630 LBS | ATTACHMENT WT = 772 LBS   |
| BOBCAT S70 SKID-STEER      | OPERATING WT = 2800 LBS | RATED CAPACITY = 700 LBS  |
| BOBCAT S450 SKID-STEER     | OPERATING WT = 5027 LBS | RATED CAPACITY = 1300 LBS |
| TORO DINGO TX1000          | OPERATING WT = 2860 LBS | RATED CAPACITY = 1000 LBS |
| JLG 1930ES SCISSOR LIFT    | OPERATING WT = 2710 LBS | RATED CAPACITY = 500 LBS  |
| JLG 2032ES SCISSOR LIFT    | OPERATING WT = 3610 LBS | RATED CAPACITY = 800 LBS  |
| JLG 2632ES SCISSOR LIFT    | OPERATING WT = 4635 LBS | RATED CAPACITY = 500 LBS  |
| JLG 2646ES SCISSOR LIFT    | OPERATING WT = 4975 LBS | RATED CAPACITY = 1000 LBS |
| JLG 3246ES SCISSOR LIFT    | OPERATING WT = 4975 LBS | RATED CAPACITY = 700 LBS  |
| BOBCAT E26 MINI EXCAVATOR  | OPERATING WT = 5800 LBS | ATTACHMENT WT = 400 LBS   |
| VOLVO EC15E MINI-EXCAVATOR | OPERATING WT = 3610 LBS | ATTACHMENT WT = 200 LBS   |
| KOMATSU FG5HT FORKLIFT     | OPERATING WT = 5941 LBS | RATED CAPACITY = 3000 LBS |
| TOYOTA FGU25 FORKLIFT      | OPERATING WT = 7840 LBS | RATED CAPACITY = 5000 LBS |
| MITSUBISHI FG25N FORKLIFT  | OPERATING WT = 7990 LBS | RATED CAPACITY = 5000 LBS |

| MECHANICAL EQUIPMENT SCHEDULE   |                            |      |      |      |      |      |      |      |     |        |     |     |     |
|---|----------------------------|------|------|------|------|------|------|------|-----|--------|-----|-----|-----|
| MECHANICAL EQUIPMENT<br>PERMITTED TO OPERATE  | FLOORS UNDER CONSIDERATION |      |      |      |      |      |      |      |     |        |     |     |     |
|   | 52ND                       | 51ST | 35TH | 34TH | 14TH | 13TH | 12TH | 11TH | 1ST | CELLAR | SC1 | SC2 | SC3 |
| BROKK 90  | ○                          | ●    | ○    | ○    | ●    | ○    | ○    | ●    | ○   | ○      | ○   | ○   | ○   |
| BROKK 120D  | ○                          | ○    | ○    | ○    | ●    | ○    | ○    | ○    | ○   | ○      | ○   | ○   | ○   |
| BROKK 200   | ○                          | ○    | ○    | ○    | ●    | ○    | ○    | ○    | ○   | ○      | ○   | ○   | ○   |
| BOBCAT S70 SKID-STEER   | ○                          | ○    | ○    | ○    | ●    | ○    | ○    | ○    | ○   | ○      | ○   | ○   | ○   |
| BOBCAT S450 SKID-STEER  | ○                          | ○    | ○    | ○    | ●    | ○    | ○    | ○    | ○   | ○      | ○   | ○   | ○   |
| TORO DINGO TX1000   | ○                          | ○    | ○    | ○    | ●    | ○    | ○    | ○    | ○   | ○      | ○   | ○   | ○   |
| JLG 1930ES SCISSOR LIFT   | ○                          | ○    | ○    | ○    | ●    | ○    | ○    | ○    | ○   | ○      | ○   | ○   | ○   |
| JLG 2032ES SCISSOR LIFT   | ○                          | ○    | ○    | ○    | ●    | ○    | ○    | ○    | ○   | ○      | ○   | ○   | ○   |
| JLG 2632ES SCISSOR LIFT   | ○                          | ○    | ○    | ○    | ●    | ○    | ○    | ○    | ○   | ○      | ○   | ○   | ○   |
| JLG 2646ES SCISSOR LIFT   | ○                          | ○    | ○    | ○    | ●    | ○    | ○    | ○    | ○   | ○      | ○   | ○   | ○   |
| JLG 3246ES SCISSOR LIFT   | ○                          | ○    | ○    | ○    | ●    | ○    | ○    | ○    | ○   | ○      | ○   | ○   | ○   |
| BOBCAT E26 MINI EXCAVATOR   | ○                          | ○    | ○    | ○    | ●    | ○    | ○    | ○    | ○   | ○      | ○   | ○   | ○   |
| VOLVO EC15E MINI-EXCAVATOR  | ○                          | ○    | ○    | ○    | ●    | ○    | ○    | ○    | ○   | ○      | ○   | ○   | ○   |
| KOMATSU FG5HT FORKLIFT  | ○                          | ○    | ○    | ○    | ○    | ○    | ○    | ○    | ○   | ○      | ○   | ○   | ○   |
| TOYOTA FGU25 FORKLIFT   | ○                          | ○    | ○    | ○    | ○    | ○    | ○    | ○    | ○   | ○      | ○   | ○   | ○   |
| MITSUBISHI FG25N FORKLIFT   | ○                          | ○    | ○    | ○    | ○    | ○    | ○    | ○    | ○   | ○      | ○   | ○   | ○   |
| <div>● = PERMITTED ON ROOF AND FLOOR.</div> <div>○ = PERMITTED ON FLOOR ONLY (NOT ON ROOF).</div> <div>○ = DUNNAGE REQUIRED. SEE "DUNNAGE DETAILS" ON SSP-235.</div> <div>NO MECHANICAL EQUIPMENT IS PERMITTED IN FRONT OF PODIUM SERVICE ELEVATORS AT 11TH FLOOR. SEE SSP-035 FOR DETAILS.</div> |                            |      |      |      |      |      |      |      |     |        |     |     |     |

- 2.3 MECHANICAL EQUIPMENT WITH EQUIVALENT OPERATING WEIGHT AND CAPACITY CAN BE SUBSTITUTED. REVIEW WITH ENGINEER BEFOREHAND.
- 2.4 MECHANICAL EQUIPMENT SHALL NOT OPERATE ON GRATING OR CATWALKS ON ANY FLOOR. MECHANICAL EQUIPMENT SHALL NOT OPERATE ON THE CATWALK AT THE MAIN ROOF.

3.0 INSPECTION NOTES :

|                        |   |
|------------------------|---|
| SPECIAL INSPECTIONS :  |   |
| MECHANICAL DEMOLITION  | BC1704.20.4   |
| PROGRESS INSPECTIONS : |   |
| FINAL INSPECTION       | 28-116.2.4, BC 110.5, DIRECTIVE 14 OF 1975, 1 RCNY 101-10 |

INSPECTION NOTES :

1. CONTRACTOR SHALL NOTIFY ENGINEER 72 HOURS PRIOR TO START OF WORK.
2. CONTRACTOR SHALL REPORT ALL UNEXPECTED AND UNUSUAL CONDITIONS TO THE ENGINEER.

4.0 EXISTING SPRINKLERS AND STANDPIPES NOTES:

- 4.1 EXISTING STANDPIPE AND SPRINKLER RISERS IN THE CORE SHALL REMAIN IN SERVICE.
- 4.2 EXISTING SPRINKLERS SHALL BE MODIFIED TO A TEMPORARY LOOP AROUND THE CORE (UNDER SEPARATE APPLICATION).

5.0 FLOOD HAZARD NOTES :

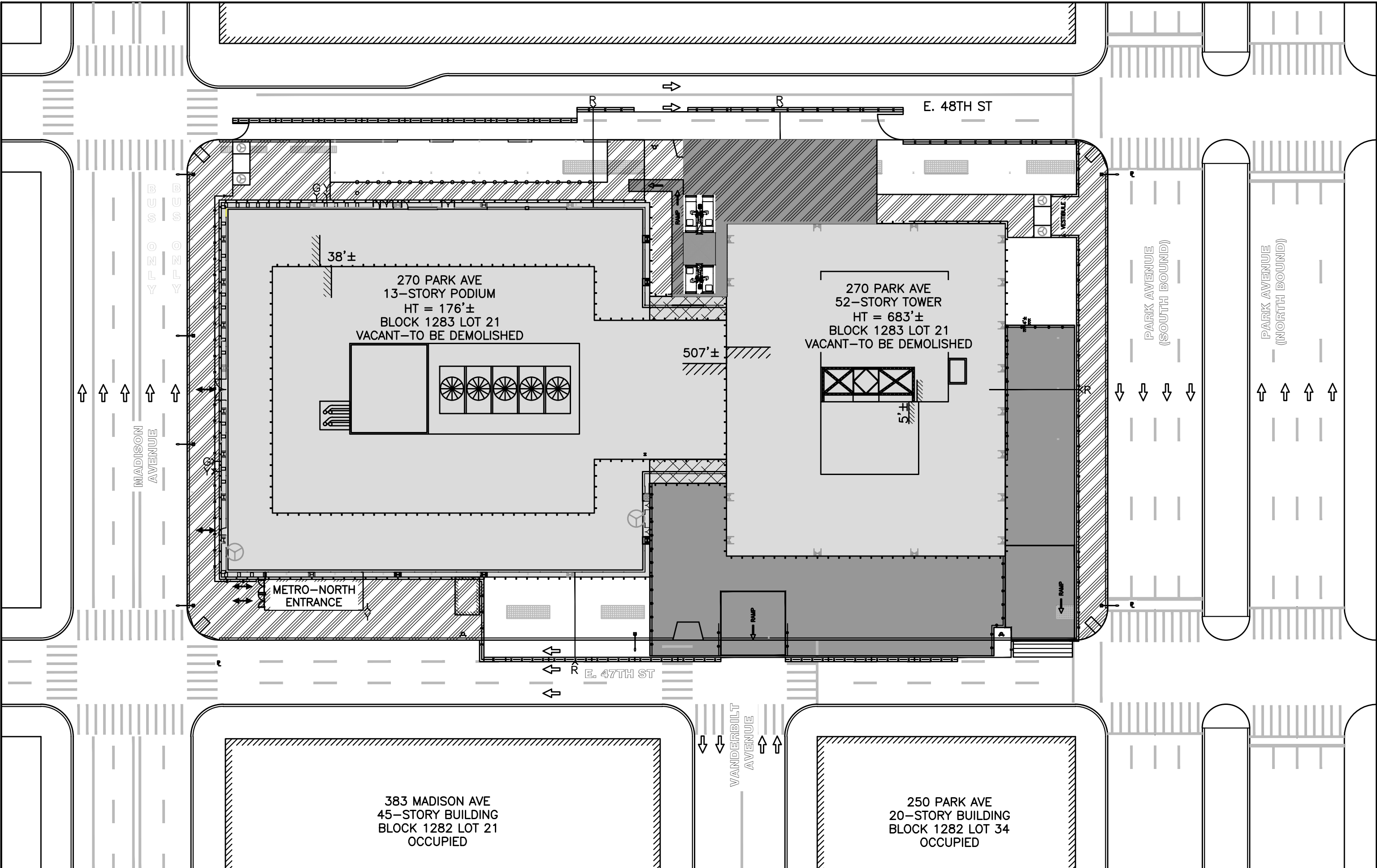
THE PROPERTY UNDER CONSIDERATION IS NOT LOCATED WITHIN A SPECIAL FLOOD HAZARD AREA, AS DEFINED ON 2007 AND 2013 FEMA FIRM MAPS.

6.0 MNR APPROVALS :

WHERE APPLICABLE, ALL REQUIRED APPROVED DOCUMENTS SHALL BE SUBMITTED AND OBTAINED FROM MNR PRIOR TO THE START OF ANY WORK IN THIS AREA.

| LEGEND |                              |
|--------|------------------------------|
|        | BUILDING UNDER CONSIDERATION |
|        | 16' HIGH SIDEWALK SHED       |
|        | ROOF PROTECTION              |
|        | 8' HIGH SIDEWALK SHED        |
|        | HOIST PLATFORM               |





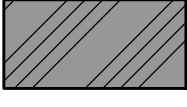

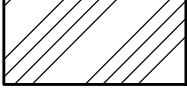










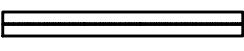

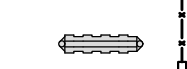
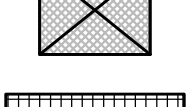

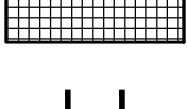
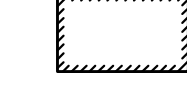

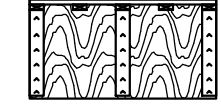
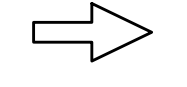


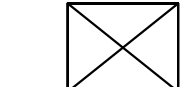

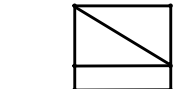

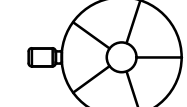
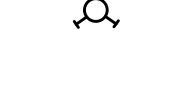

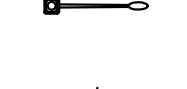
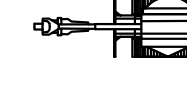



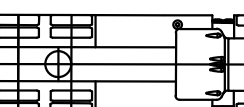

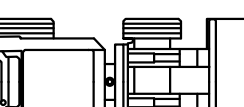

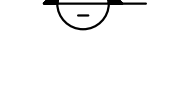

|                           |  |
|---------------------------|--|
| <b>BUILDING DATA:</b>     |  |
| BOROUGH:                  | MANHATTAN                                |
| ADDRESS:                  | 270 PARK AVENUE                          |
| BLOCK:                    | 1283                                     |
| LOT:                      | 21                                       |
| BIN:                      | 1035421                                  |
| ZONING DISTRICT:          | C5-3 RESTRICTED CENTRAL COMMERCIAL DIST. |
| ZONING MAP No.:           | 8D                                       |
| SPECIAL PURPOSE DIST.:    | MID - SPECIAL MIDTOWN DISTRICT           |
| SPECIAL PURPOSE SUBDIST.: | EM - EAST MIDTOWN SUBDISTRICT            |
| COMMUNITY BOARD:          | 105                                      |
| OCCUPANCY CLASS:          | E - BUSINESS (1968 CODE)                 |
| CONSTRUCTION CLASS:       | TYPE 1-B NONCOMBUSTIBLE (1968 CODE)      |
| No. OF STORIES:           | 52                                       |
| HEIGHT OF BUILDING:       | 683'±                                    |



KEY PLAN  
Scale : 1" = 40'

|  |          |  |    |
|--|----------|--|----|
| 2  | 03/04/20 | REVISED COVER SHEET  | KC |
| 1  | 11/15/19 | REVISED COVER SHEET  | KC |
| No.  | DATE     | DESCRIPTION  | BY |
| <b>HOWARD I. SHAPIRO &amp; ASSOCIATES</b><br>CONSULTING ENGINEERS, P.C.<br>266 MERRICK ROAD, SUITE 300, LYNBROOK, N.Y. 11563<br>TEL: (516) 791-2600 FAX: (516) 791-5425<br>COPYRIGHT DESIGN NOT TO BE LENT, COPIED, OR REPRODUCED IN WHOLE OR IN PART WITHOUT PRIOR WRITTEN CONSENT.<br>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 SOLUTIONS FROM, THIS DRAWING EXCEPT AS MAY BE MADE BY A LICENSED PROFESSIONAL ENGINEER OR REGISTERED ARCHITECT WHO WILL BEAR THE RESPONSIBILITY FOR SUCH CHANGE. |          |  |    |
| CLIENT<br>NORTHSTAR CONTRACTING GROUP, INC.<br>32 WILLIAMS PARKWAY<br>EAST HANOVER, NJ 07936   |          |  |    |
| PROJECT<br>REMOVAL OF MECHANICAL EQUIPMENT<br>FOR 52-STORY TOWER AT<br>270 PARK AVENUE, MANHATTAN, NY  |          |  |    |
| ZONING INFORMATION<br>BLOCK: 1283<br>LOT: 21<br>ZONE: C5-3<br>ZONING MAP: 8D<br>COMMUNITY BOARD: 105<br>BIN #: 1035421   |          |  |    |
| PLACE STICKER HERE   |          | EXAMINER'S STAMP HERE  |    |
| TITLE<br>GENERAL NOTES AND KEY PLAN  |          |  |    |
| SEAL & SIGNATURE<br><br><b>APPROVED</b><br><b>AMENDED PLAN</b><br>03/06/2020<br>CSC SSR  |          | DRAWING BY: KC DATE: 03/04/2020<br>PROJECT NO: 18211.02.00<br>ENGINEER: JS<br>SCALE: AS NOTED<br>CHK BY: JS<br>DWG NO:<br>SSP-201.02 |    |
| V: 2018\18211.00.00  |          | 78 OF 271  |    |

L E G E N D

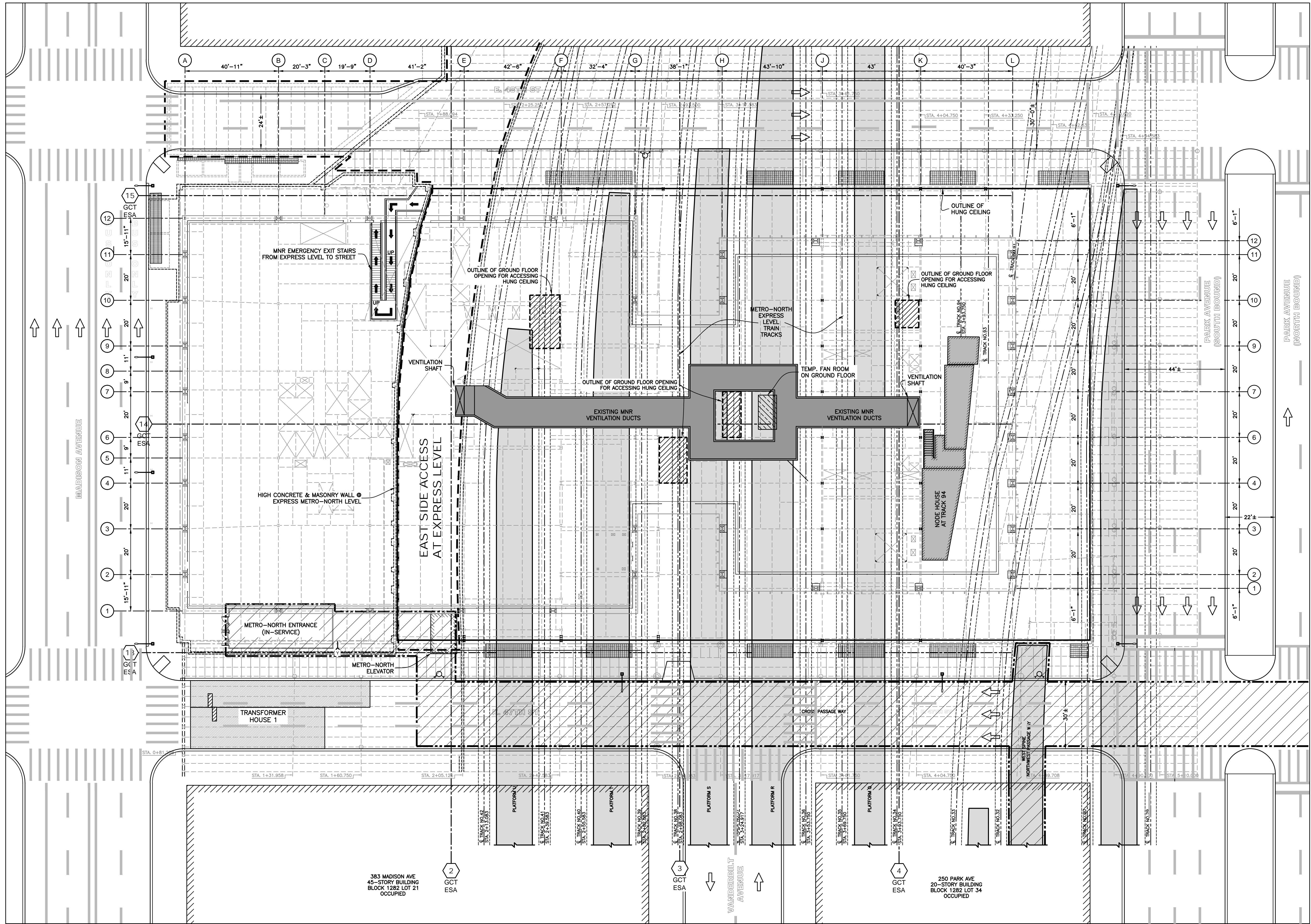
|   |   |   |   |
|---|---|---|---|
|    | BUILDING UNDER CONSIDERATION AND PORTION OF BUILDING TO BE DEMOLISHED IN THIS PHASE |    | PROPERTY LINE   |
|    | HEAVY -DUTY PLATFORM  |    | STEEL FRAMING   |
|    | HOIST LOADING DOCK w/OVERHEAD PROTECTION  |    | EXISTING GUARDRAIL                                      |
|    | 16' HIGH SIDEWALK SHED  |    | STANDARD GUARDRAIL                                      |
|    | 14' HIGH SIDEWALK SHED  |    | CONSTRUCTION FENCE                                      |
|    | 8' HIGH SIDEWALK SHED   |    | 4' HIGH PLYWOOD FENCE w/FULL HEIGHT WIRE MESH TYP.      |
|    | ROOF PROTECTION   |    | 2V:1H EXCLUSION ZONE                                    |
|    | PORTION OF BUILDING WITH RESTRICTED WORK HOURS                                      |    | LANDING ZONE FOR DEBRIS CONTAINER                       |
|    | TEMPORARY FAN ROOM  |    | CONCRETE JERSEY BARRIER WITH PLYWOOD FENCE ON TOP       |
|    | COVER OVER OPENING  |    | PLASTIC JERSEY BARRIER WITH CHAINLINK FENCE AND NETTING |
|    | HOIST COMMON PLATFORM   |    | FLAGMAN / SECURITY GUARD                                |
|   | METRO-NORTH GRATING OVER VENTILATION STRUCTURE                                      |    | 1" STEEL PLATE  |
|  | FIRE DEPARTMENT CONNECTION FOR STANDPIPE TO REMAIN.                                 |    | DEBRIS SHIELD   |
|  | DIRECTION OF TRAFFIC  |   | EXISTING STAIR  |
|  | DEBRIS LOAD OUT PATH TYP.   |  | EXISTING ELEVATOR                                       |
|  | STANDPIPE RISER   |  | SCAFFOLD WITH DEBRIS NETTING                            |
|  | CAUTION / SAFETY NOTE   |  | EXISTING COOLING TOWER                                  |
|  | FIRE HYDRANT  |  | SKID-STEER  |
|  | STREET LAMP   |  | MINI-EXCAVATOR  |
|  | STREET SIGN   |  | DEBRIS BOX  |
|  | EGRESS AT GROUND FLOOR  |  | TRUCK   |
|  | MNR EMERGENCY EGRESS  |  | WHEEL LOADER  |
|  | EXISTING BUILDING COLUMN  |   |   |
|  | SECTION MARK  |   |   |
|  | NUMERICAL STEP IN PROCEDURE   |   |   |

|  |      |                       |    |
|--|------|-----------------------|----|
|  |      |                       |    |
| No.  | DATE | DESCRIPTION           | BY |
| <b>HOWARD I. SHAPIRO &amp; ASSOCIATES</b><br>CONSULTING ENGINEERS, P.C.  |      |                       |    |
| 266 MERRICK ROAD, SUITE 300, LYNBROOK, N.Y. 11563<br>TEL: (516) 791-2600 FAX: (516) 791-5425   |      |                       |    |
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| CLIENT   |      |                       |    |
| NORTHSTAR CONTRACTING GROUP, INC.<br>32 WILLIAMS PARKWAY<br>EAST HANOVER, NJ 07936   |      |                       |    |
| PROJECT  |      |                       |    |
| REMOVAL OF MECHANICAL EQUIPMENT<br>FOR 52-STORY TOWER AT<br>270 PARK AVENUE, MANHATTAN, NY   |      |                       |    |
| ZONING INFORMATION   |      |                       |    |
| BLOCK: 1283<br>LOT: 21<br>ZONE: C5-3<br>ZONING MAP: 8D<br>COMMUNITY BOARD: 105<br>BIN #: 1035421   |      |                       |    |
| PLACE STICKER HERE   |      | EXAMINER'S STAMP HERE |    |
| TITLE  |      |                       |    |
| LEGEND   |      |                       |    |
| SEAL & SIGNATURE   |      |                       |    |
| DRAWING BY: KC DATE: 03/06/2020  |      |                       |    |
| PROJECT NO: 18211.02.00  |      |                       |    |
| ENGINEER: JS   |      |                       |    |
| SCALE: AS NOTED  |      |                       |    |
| CHK BY: JS   |      |                       |    |
| DWG NO:  |      |                       |    |
| SSP-201A.00  |      |                       |    |
| V:2018\18211.00.00   |      | 2 OF 271              |    |









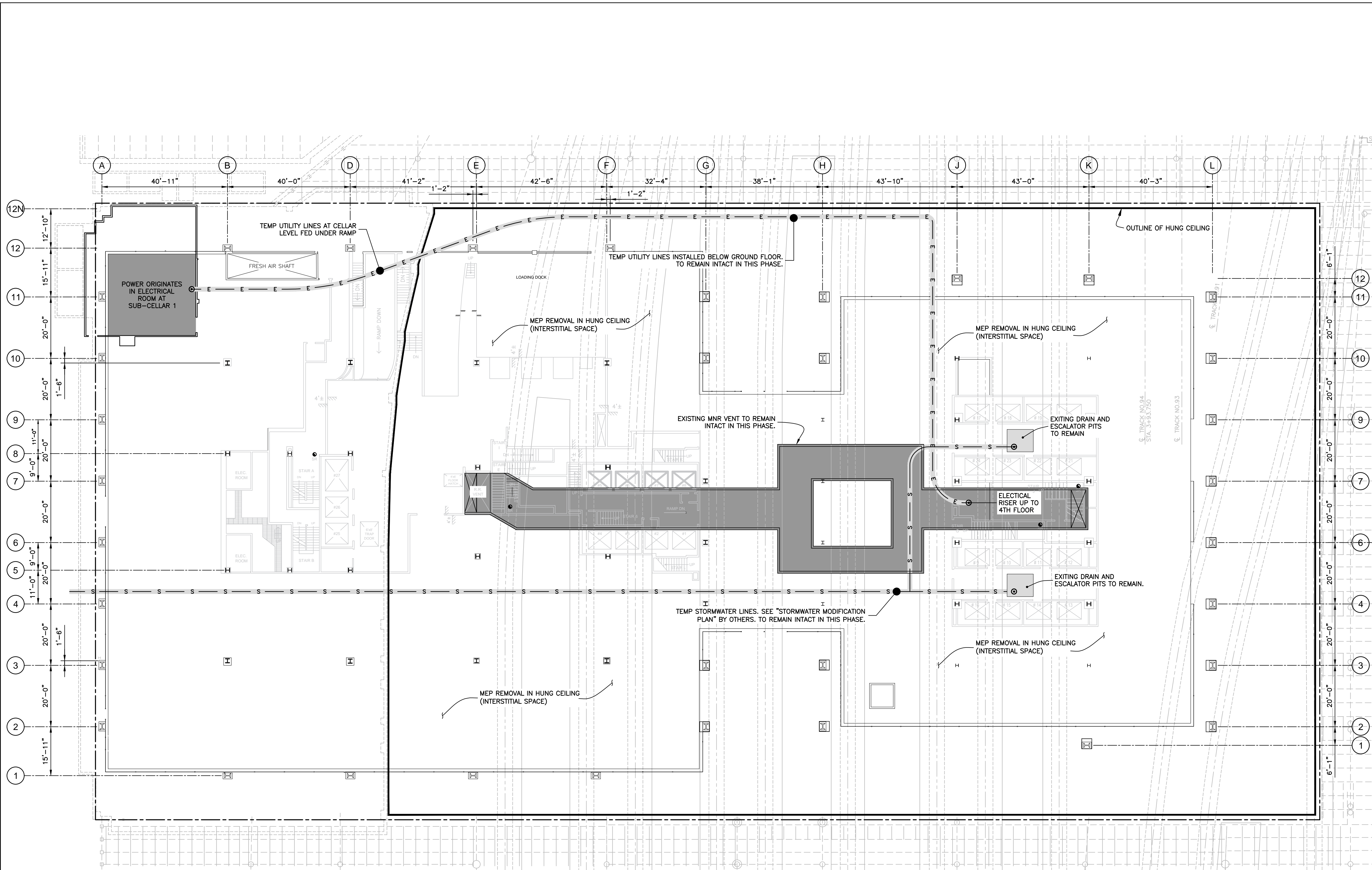
LEGEND

- MNR TRAIN PLATFORMS
- EXISTING MNR VENTILATION DUCTS
- NODE HOUSE
- EAST SIDE ACCESS
- LOCATION OF GROUND FLOOR OPENINGS TYP.
- CROSS PASSAGE WAY / NORTHWEST PASSAGE WAY
- FIRE DEPARTMENT CONNECTION
- GRIDLINES ASSOCIATED WITH EAST SIDE ACCESS CONCOURSE

| No.  | DATE | DESCRIPTION   | BY |
|--|------|---|----|
| <b>HOWARD I. SHAPIRO &amp; ASSOCIATES</b><br>CONSULTING ENGINEERS, P.C.<br>266 MERRICK ROAD, SUITE 300, LYNBROOK, N.Y. 11563<br>TEL: (516) 791-2600 FAX: (516) 791-5425<br>COPYRIGHT DESIGN NOT TO BE LENT, COPIED, OR REPRODUCED IN WHOLE OR IN PART WITHOUT PRIOR WRITTEN CONSENT.<br>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. |      |   |    |
| CLIENT   |      |   |    |
| NORTHSTAR CONTRACTING GROUP, INC.<br>32 WILLIAMS PARKWAY, E. HANOVER, NJ 07936<br>PH: (973) 884-8682   |      |   |    |
| PROJECT  |      |   |    |
| FULL DEMOLITION OF 52-STORY TOWER AND 13-STORY PODIUM AT<br>270 PARK AVENUE, MANHATTAN, NY   |      |   |    |
| ZONING INFORMATION   |      |   |    |
| BLOCK: 1283<br>LOT: 21<br>ZONE: C5-3<br>ZONING MAP: 8D<br>COMMUNITY BOARD: 105<br>BIN #: 1035421   |      |   |    |
| PLACE STICKER HERE   |      | EXAMINER'S STAMP HERE   |    |
| TITLE  |      |   |    |
| BELOW GRADE PLAN<br>EXPRESS LEVEL  |      |   |    |
| SEAL & SIGNATURE<br><b>Sk Ali-Shafin</b><br><b>APPROVED</b><br><b>AMENDED PLAN</b><br><b>03/06/2020</b><br>CSC SS  |      | DRAWING BY: SM<br>PROJECT NO: 18211.02.00<br>ENGINEER: JS<br>SCALE: AS NOTED<br>CHK BY: JS<br>DWG NO:<br>SSP-237.00 |    |
|  |      | IIS OF 271  |    |

BELOW GRADE PLAN (EXPRESS LEVEL)  
Scale : 1" = 20'





GROUND FLOOR PLAN - UTILITIES TO REMAIN  
Scale : 1" = 15'



| LEGEND |                                 |
|--------|---------------------------------|
|        | TEMP WATER LINE TO REMAIN       |
|        | TEMP ELECTRICAL LINE TO REMAIN  |
|        | TEMP STORM WATER LINE TO REMAIN |
|        | PROPERTY LINE                   |
|        | OUTLINE OF HUNG CEILING         |

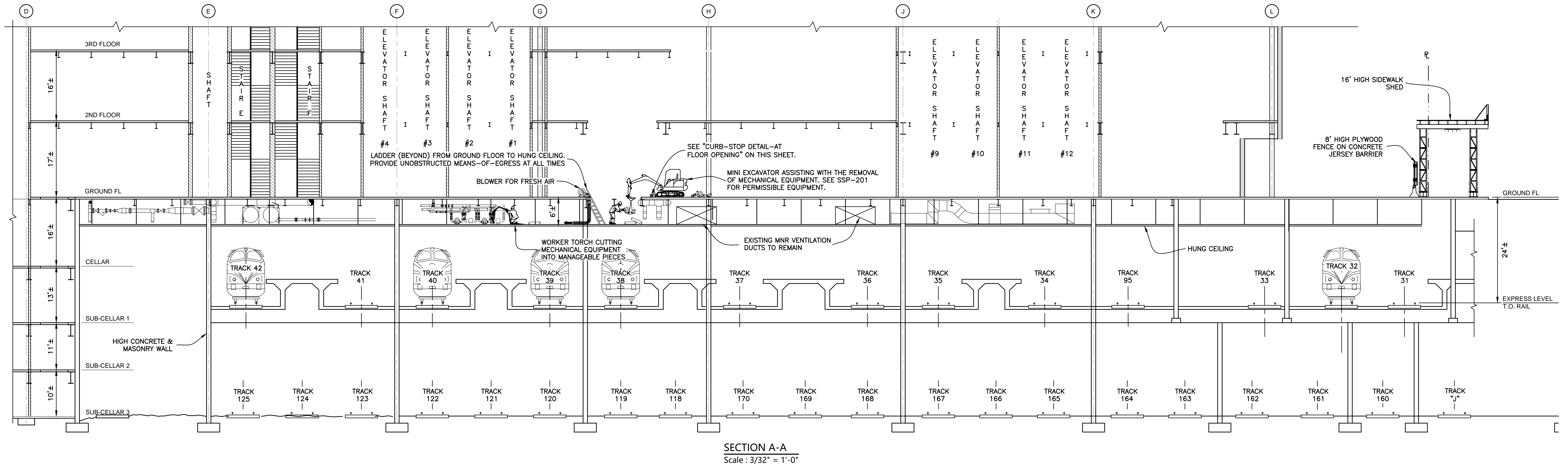
|  |      |             |    |
|--|------|-------------|----|
| No.  | DATE | DESCRIPTION | BY |
| <b>HOWARD I. SHAPIRO &amp; ASSOCIATES</b><br>CONSULTING ENGINEERS, P.C.  |      |             |    |
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|  |
|--|
| CLIENT   |
| NORTHSTAR CONTRACTING GROUP, INC.<br>32 WILLIAMS PARKWAY, E. HANOVER, NJ 07936<br>PH: (973) 884-8682 |
| PROJECT  |
| FULL DEMOLITION OF 52-STORY TOWER<br>AND 13-STORY PODIUM AT<br>270 PARK AVENUE, MANHATTAN, NY        |
| ZONING INFORMATION   |
| BLOCK: 1283<br>LOT: 21<br>ZONE: C5-3<br>ZONING MAP: 8D<br>COMMUNITY BOARD: 105<br>BIN #: 1035421     |

|                    |                       |
|--------------------|-----------------------|
| PLACE STICKER HERE | EXAMINER'S STAMP HERE |
|--------------------|-----------------------|

|  |  |
|--|--|
| TITLE  |  |
| MEP REMOVAL FROM HUNG CEILING<br>GROUND FLOOR PLAN - UTILITIES TO REMAIN                       |  |
| SEAL & SIGNATURE<br><br><b>APPROVED</b><br><b>AMENDED PLAN</b><br><b>03/06/2020</b><br>CSC SSP | DRAWING BY: SM<br>DATE: 03/04/2020<br>PROJECT NO: 18211.02.00<br>ENGINEER: JS<br>SCALE: AS NOTED<br>CHK BY: JS<br>DWG NO: SSP-238.00 |
| 116 OF 271   |  |

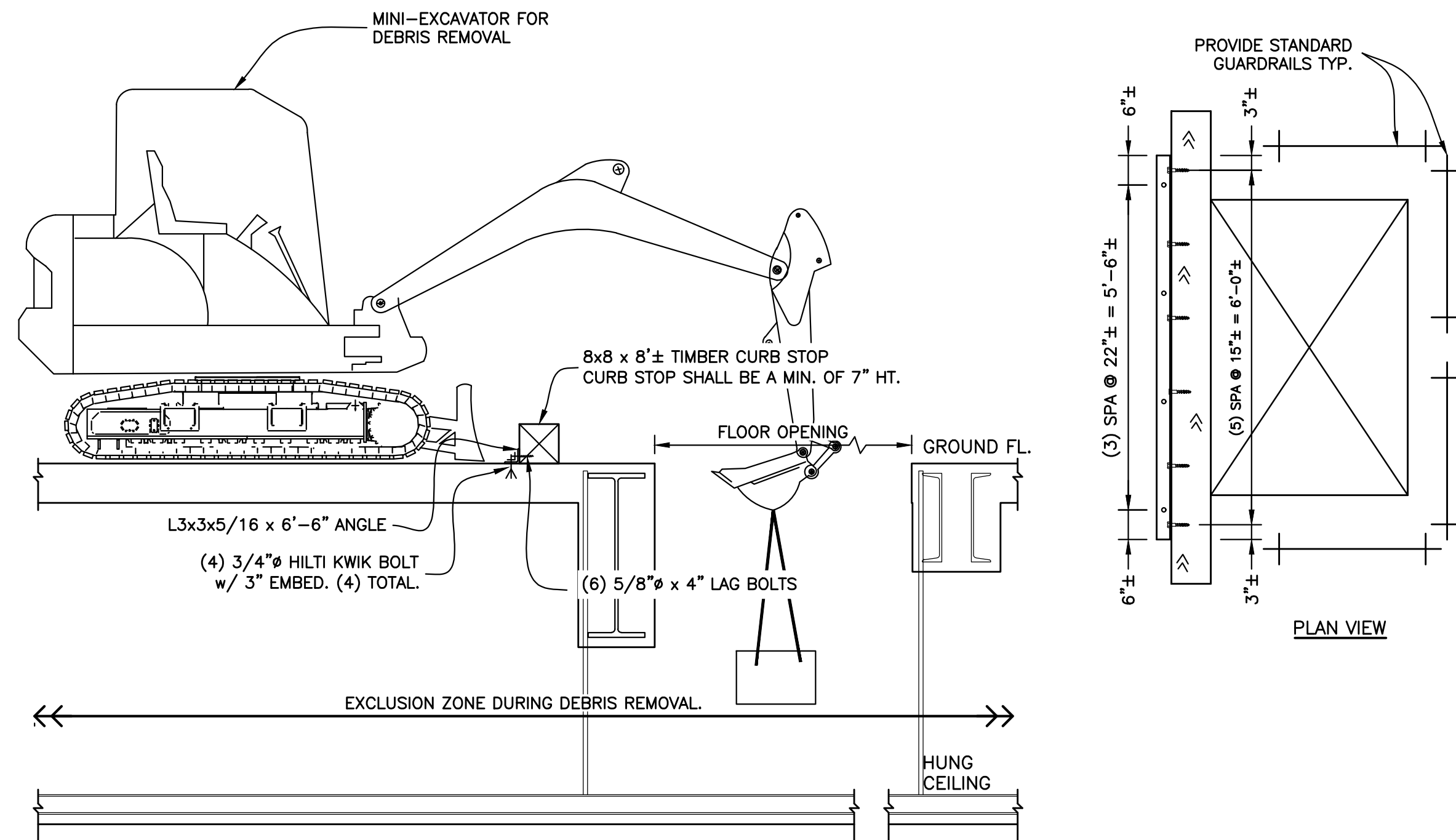




NOTES:

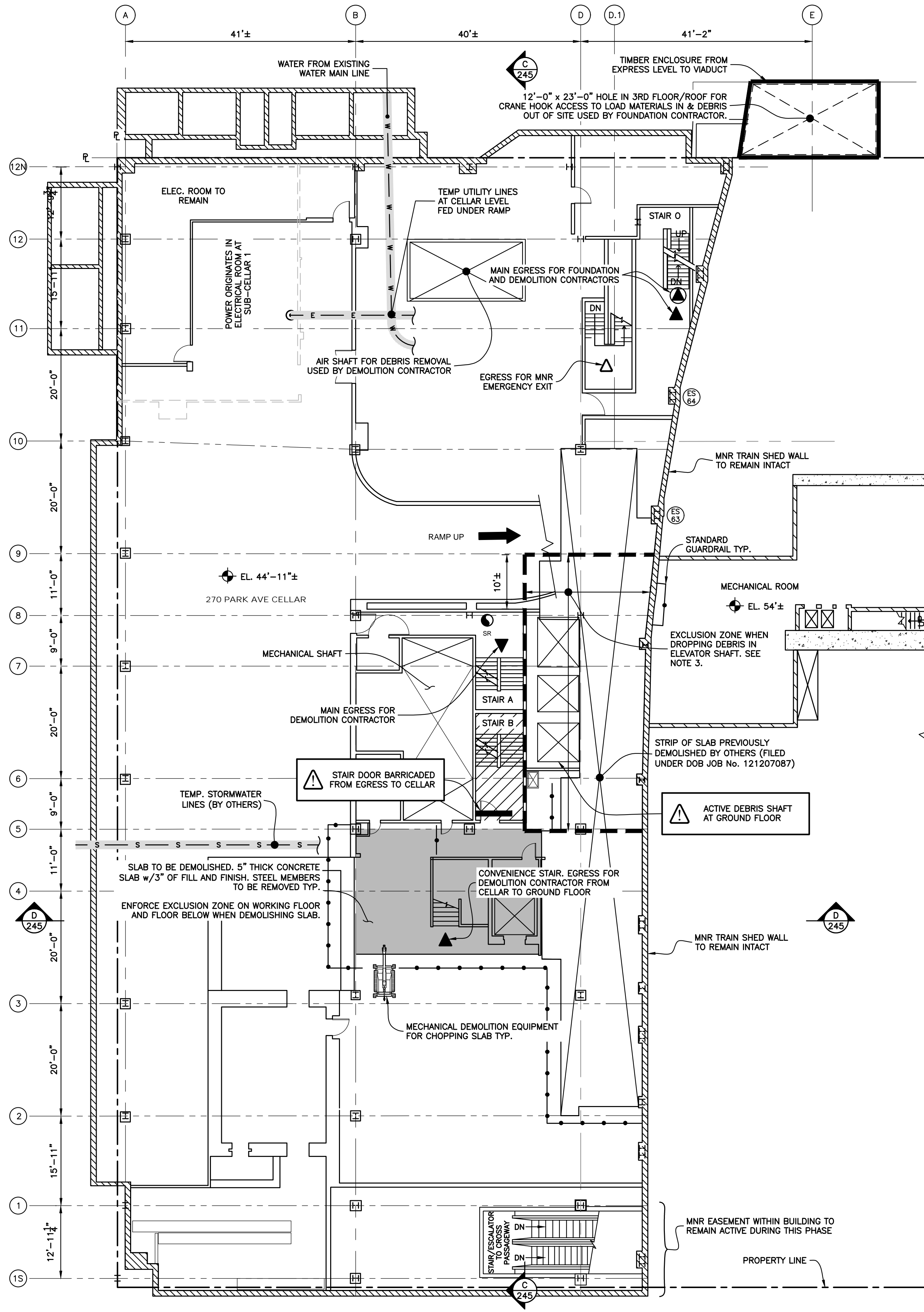
- SEE SSP-201 AND SSP-202 FOR GENERAL NOTES AND ADDITIONAL INFORMATION REGARDING SAFEGUARDS DURING DEMOLITION.
- REMOVAL OF MECHANICAL AND ASSOCIATED EQUIPMENT FROM THE HUNG CEILING:**
  - THE REMOVAL OF MEP EQUIPMENT FROM THE HUNG CEILING CONSISTS OF HAND REMOVAL OF OUT-OF-SERVICE PIPING, DUCT WORK, ELECTRICAL WIRING AND CONDUIT.  
PRIOR TO REMOVING THE MEP EQUIPMENT, THE RELATED MEP UTILITIES SHALL BE TAKEN OUT-OF-SERVICE BY LICENSED PLUMBERS AND ELECTRICIANS.
  - WITHIN THE HUNG CEILING THERE ARE ACTIVE UTILITIES WHICH CANNOT BE REMOVED AND SHALL REMAIN IN SERVICE AND UNDISTURBED. SEE SSP-238 FOR PLAN OF HUNG CEILING AND UTILITIES TO REMAIN.  
THESE UTILITIES SHALL BE MARKED OUT AS TO REMAIN PRIOR TO COMMENCING WITH THE REMOVALS.
  - THE BASIC SEQUENCE OF REMOVING THE MEP EQUIPMENT ARE AS FOLLOWS:
    - MAKE OPENINGS IN THE GROUND FLOOR TO CREATE ACCESS TO THE HUNG CEILING. OPENINGS ARE BY OTHERS.
    - CUT MATERIAL INTO MANAGEABLE SIZE PIECES. THE MATERIAL SHALL BE MANUALLY MOVED FROM THE SOURCE TO THE FLOOR OPENINGS FOR LIFTING OUT FROM THE HUNG CEILING TO THE GROUND FLOOR.  
THE MATERIAL SHALL NOT BE CUT AND DROPPED ONTO THE HUNG CEILING. THE MATERIAL SHALL BE LOWERED TO THE HUNG CEILING FLOOR WITHOUT IMPACT.
    - LIFT MATERIAL FROM FLOOR OPENING FOR DISPOSAL USING MINI-EXCAVATOR OF TELEHANDLER.
- FOLLOW ALL RELEVANT OSHA REGULATIONS RELATED TO WORKING IN A CONFINED SPACE INCLUDING ADDITIONAL RULES RELATED TO HOTWORKS, VENTILATION, AIR MONITORING, AND EGRESS.
- FIRE PREVENTION DURING DEMOLITION
  - COMBUSTIBLE DEBRIS SHALL NOT BE PERMITTED TO ACCUMULATE, AND SHALL BE REMOVED FROM THE SITE AT REASONABLE INTERVALS IN ACCORDANCE WITH THE REQUIREMENTS OF THE NEW YORK CITY FIRE CODE.

- FIREFIGHTING EQUIPMENT, FIRE FIGHTING ACCESS AT THE CONSTRUCTION OR DEMOLITION SITE, AND THE CONDUCT OF ALL CONSTRUCTION OR DEMOLITION OPERATIONS AFFECTING FIRE PREVENTION AND FIRE FIGHTING SHALL COMPLY WITH THE NEW YORK CITY FIRE CODE AND THE PROVISIONS OF SECTIONS 3303.7.1 THRU 3303.7.5.
- A WATER SUPPLY FOR FIRE PROTECTION SHALL BE PROVIDED IN ACCORDANCE WITH THE NEW YORK CITY FIRE CODE.
- FIRE EXTINGUISHERS SHALL BE PROVIDED IN ACCORDANCE WITH THE NEW YORK CITY FIRE CODE.
- SMOKING SHALL BE PROHIBITED AT ALL CONSTRUCTION AND DEMOLITION SITES. NO SMOKING SIGNS SHALL BE POSTED AT THE SITE IN ACCORDANCE WITH THE PROVISIONS OF THE NEW YORK CITY FIRE CODE.
- FIRE PREVENTION DURING TORCH OPERATIONS
  - ALL HOT WORKS SHALL COMPLY WITH NYC FIRE CODE AND NFPA REQUIREMENTS.
  - ALL PERSONS PERFORMING HOT WORK POSSESS VALID CERTIFICATES OF FITNESS.
  - A FIRE WATCH SHALL BE MAINTAINED DURING HOT WORK OPERATIONS. THE FIRE WATCH SHALL CONTINUE FOR A MINIMUM OF 30 MINUTES AFTER THE CONCLUSION OF THE WORK.
- ALLOWABLE LIVELOAD ON HUNG CEILING = 25 PSF.  
THE DEBRIS SHALL BE REMOVED AS IT IS GENERATED. THE MAXIMUM WEIGHT PERMITTED TO BE TEMPORARY STOCKPILED ON THE HUNG CEILING = 1400 LBS ON A 5' x 11' PANEL (DIMENSIONS OF PANEL SUPPORTED BY HANGER RODS).
- PROVIDE CURBSTOP AT THE EDGE OF THE FLOOR OPENING TO PREVENT THE MACHINE FROM RUNNING OVER THE EDGE.  
PROVIDE STANDARD GUARDRAILS AROUND OPENING.
- WHEN LIFTING THE DEBRIS FROM THE HUNG CEILING WITH A MACHINE, NO INDIVIDUAL IS PERMITTED UNDER THE LOAD WHEN IT IS LIFTED.
- PROVIDE 2 MEANS-OF-EGRESS. MEANS-OF-EGRESS SHALL BE FREE OF OBSTRUCTIONS AT ALL TIMES. SEE PLAN ON SSP-236.



|  |  |                       |            |
|--|--|-----------------------|------------|
| No.  | DATE   | DESCRIPTION           | BY         |
| <b>HOWARD I. SHAPIRO &amp; ASSOCIATES</b><br>CONSULTING ENGINEERS, P.C.<br>266 MERRICK ROAD, SUITE 300, LYNBROOK, N.Y. 11563<br>TEL: (516) 791-2600 FAX: (516) 791-5425<br>COPYRIGHT DESIGN NOT TO BE LENT, COPIED, OR REPRODUCED IN WHOLE OR IN PART WITHOUT PRIOR WRITTEN CONSENT.<br>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. |  |                       |            |
| CLIENT<br>NORTHSTAR CONTRACTING GROUP, INC.<br>32 WILLIAMS PARKWAY, E. HANOVER, NJ 07936<br>PH: (973) 884-8682   |  |                       |            |
| PROJECT<br>FULL DEMOLITION OF 52-STORY TOWER AND 13-STORY PODIUM AT<br>270 PARK AVENUE, MANHATTAN, NY  |  |                       |            |
| ZONING INFORMATION<br>BLOCK: 1283<br>LOT: 21<br>ZONE: C5-3<br>ZONING MAP: 8D<br>COMMUNITY BOARD: 105<br>BIN #: 1035421   |  |                       |            |
| PLACE STICKER HERE   |  | EXAMINER'S STAMP HERE |            |
| TITLE<br>MEP REMOVAL FROM HUNG CEILING<br>SECTION A-A  |  |                       |            |
| SEAL & SIGNATURE<br><b>Sk Ali-Shafin</b><br><b>APPROVED</b><br><b>AMENDED PLAN</b><br><b>03/06/2020</b><br>CSC SSP   | DRAWING BY: SM<br>PROJECT NO: 18211.02.00<br>ENGINEER: JS<br>SCALE: AS NOTED<br>CHK BY: JS<br>DWG NO: SSP-239.00 |                       |            |
|  |  |                       | 118 OF 271 |





CELLAR PLAN  
Scale : N.T.S.



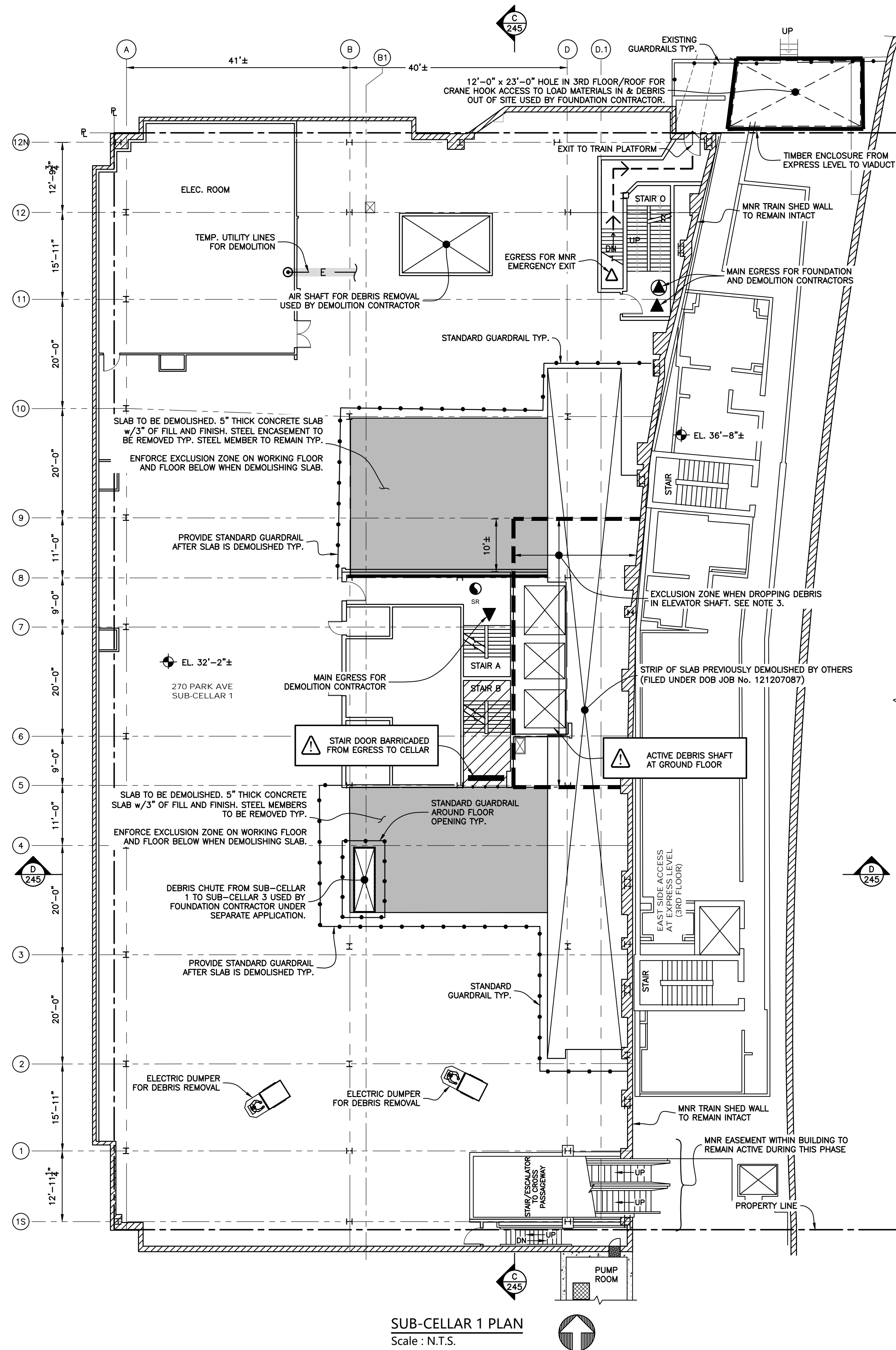
NOTES :

- 1.0 REFER TO SSP-201 AND SSP-202 FOR GENERAL NOTES FOR ADDITIONAL INFORMATION REGARDING SAFEGUARDS DURING DEMOLITION.
- 2.0 DEMOLITION OF CELLAR SLAB :
- 2.1 PRIOR TO DEMOLITION, REVIEW DEMOLITION MECHANICAL EQUIPMENT USE NOTES ON SSP-202.
- 2.2 REFERENCE ALT-2 JOB NO. 121204785 FOR DETAILS OF MECHANICAL DEMOLITION OF CELLAR FLOOR.
- 2.3 VACATE AREA AT SUB-CELLAR 1 DIRECTLY BELOW THE PORTION OF SLAB TO BE DEMOLISHED PLUS AN ADDITIONAL 25' 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.
- 2.4 CHOP CONCRETE SLAB AND BEAM ENCASEMENT USING MECHANICAL EQUIPMENT.
- THE STARTING POINT AND DIRECTION OF DEMOLITION IS AT THE CONTRACTOR'S DISCRETION.
- 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.
- 2.5 CONCRETE DEBRIS IS PERMITTED TO DROP TO SUB-CELLAR 1. PERIODICALLY CLEAN UP THE DEBRIS FROM SUB-CELLAR 1 AND HOIST TO GROUND FLOOR VIA TROLLEY BEAM (UNDER SEPARATE APPLICATION, SEE DOB JOB No.123885901).
- AT THE END OF EACH WORK DAY, REMOVE DEBRIS ACCUMULATION.
- 2.6 INSTALL GUARDRAILS AS LEADING EDGES ARE CREATED BY THE DEMOLITION OF THE SLABS.
- 2.7 IF SLAB IS DEMOLISHED BY HAND METHOD, MEN SHALL TIE OFF AND STAND ON PLANKS WHEN CHOPPING SLAB.
- 3.0 AN EXCLUSION ZONE SHALL BE ENFORCED IN THE AREA AS SHOWN IN PLAN BETWEEN GRIDLINES 5 AND 9 WHEN THE DEMOLITION CONTRACTOR IS DUMPING DEBRIS IN THE ELEVATOR SHAFT.
- 4.0 ACCESS TO STAIR B AT CELLAR LEVEL WILL BE ELIMINATED BY THE PROPOSED FLOOR OPENING. TWO FIRE PROTECTED MEANS OF EGRESS ARE AVAILABLE FROM THE CELLAR; STAIR A AND STAIR O.
- SOLIDLY BARRICADE DOOR EXITING FROM STAIR TO CELLAR TO PREVENT ACCESS OUT OF STAIRWELL. PROVIDE A SIGNAGE TO INDICATE NO ACCESS AND SHAFT BEYOND DOOR.
- ACCESS FROM SUB-CELLAR 3 TO GROUND FLOOR IN STAIR B SHALL REMAIN UNOBSTRUCTED.

| LEGEND |  |
|--------|--|
|        | SLAB TO BE DEMOLISHED                  |
|        | NO EGRESS AT FLOOR UNDER CONSIDERATION |
|        | EXCLUSION ZONE                         |
|        | EGRESS FOR FOUNDATION CONTRACTOR       |
|        | EGRESS FOR DEMOLITION CONTRACTOR       |
|        | EGRESS FOR MNR EMERGENCY EXIT          |

|   |   |                       |    |
|---|---|-----------------------|----|
| No.   | DATE  | DESCRIPTION           | BY |
| <b>HOWARD I. SHAPIRO &amp; ASSOCIATES</b><br>CONSULTING ENGINEERS, P.C.   |   |                       |    |
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| CLIENT<br>NORTHSTAR CONTRACTING GROUP, INC.<br>32 WILLIAMS PARKWAY, E. HANOVER, NJ 07936<br>PH: (973) 884-8682  |   |                       |    |
| PROJECT<br>FULL DEMOLITION OF 52-STORY TOWER AND 13-STORY PODIUM AT<br>270 PARK AVENUE, MANHATTAN, NY   |   |                       |    |
| ZONING INFORMATION<br>BLOCK: 1283<br>LOT: 21<br>ZONE: C5-3<br>ZONING MAP: 8D<br>COMMUNITY BOARD: 105<br>BIN #: 1035421  |   |                       |    |
| PLACE STICKER HERE  |   | EXAMINER'S STAMP HERE |    |
| TITLE<br>FLOOR OPENINGS AT B.1-4 LINE & B.1-9 LINE<br>CELLAR PLAN   |   |                       |    |
| SEAL & SIGNATURE<br><br><b>Sk Ali-Shafin</b><br><b>APPROVED</b><br><b>AMENDED PLAN</b><br><b>03/06/2020</b><br>CSC SSR  | DRAWING BY: SM DATE: 03/04/2020<br>PROJECT NO: 18211.02.00<br>ENGINEER: JS<br>SCALE: AS NOTED<br>CHK BY: JS<br>DWG NO:<br><b>SSP-241.00</b> |                       |    |
|   |   | 119 OF 271            |    |





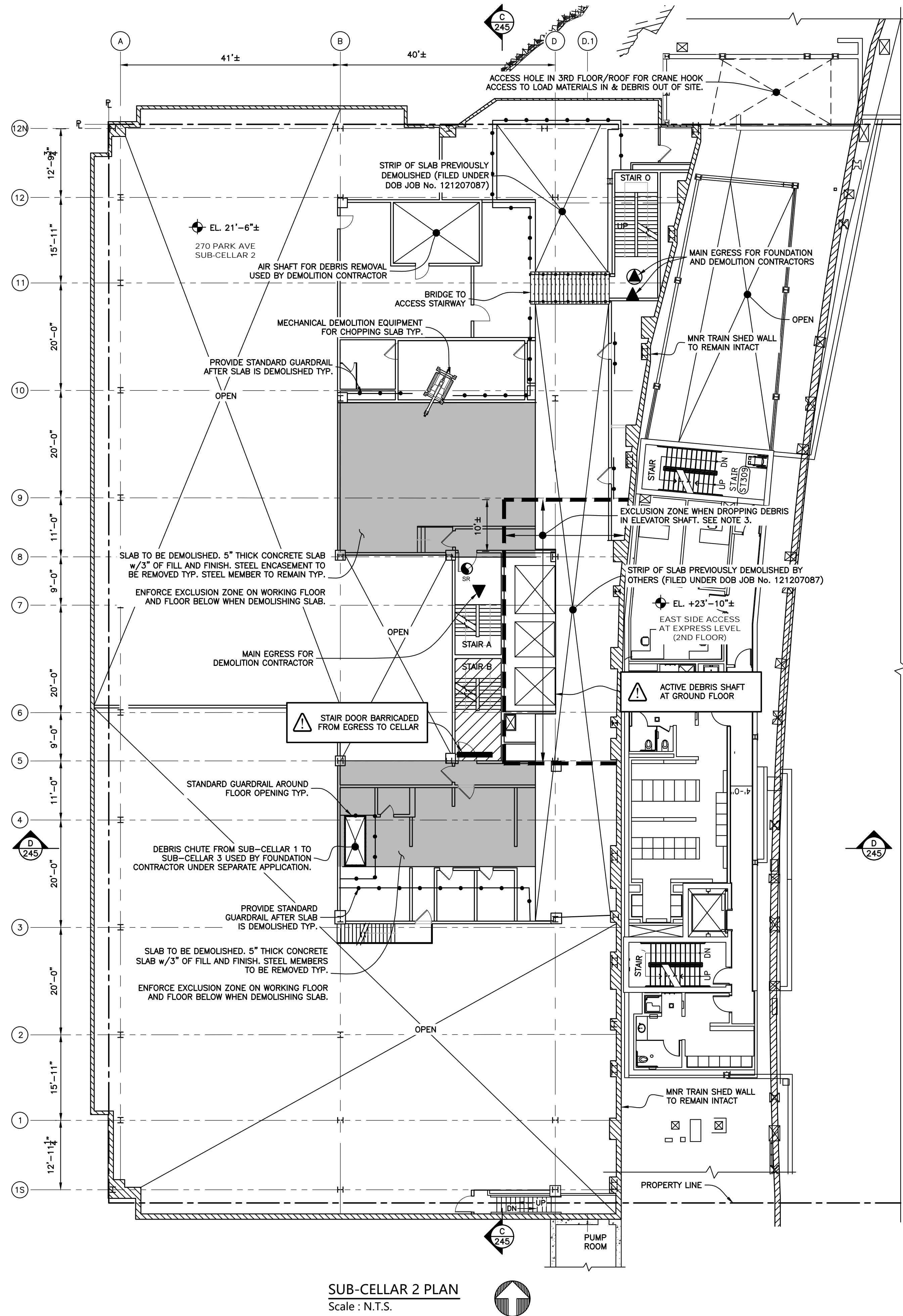
SUB-CELLAR 1 PLAN  
Scale : N.T.S.

- NOTES :**
- REFER TO SSP-201 AND SSP-202 FOR GENERAL NOTES FOR ADDITIONAL INFORMATION REGARDING SAFEGUARDS DURING DEMOLITION.
  - DEMOLITION OF SUB-CELLAR 1 SLAB :**
    - PRIOR TO DEMOLITION, REVIEW DEMOLITION MECHANICAL EQUIPMENT USE NOTES ON SSP-202.
    - REFERENCE ALT-2 JOB NO. 121204785 FOR DETAILS OF MECHANICAL DEMOLITION OF SUB-CELLAR 1 FLOOR.
    - VACATE AREA AT SUB-CELLAR 2 DIRECTLY BELOW THE PORTION OF SLAB TO BE DEMOLISHED PLUS AN ADDITIONAL 25' 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.
    - CHOP CONCRETE SLAB AND BEAM ENCASEMENT USING MECHANICAL EQUIPMENT.  
  
THE STARTING POINT AND DIRECTION OF DEMOLITION IS AT THE CONTRACTOR'S DISCRETION.  
  
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.
  - CONCRETE DEBRIS IS PERMITTED TO DROP TO SUB-CELLAR 2. PERIODICALLY CLEAN UP THE DEBRIS FROM SUB-CELLAR 2 AND HOIST TO GROUND FLOOR VIA TROLLEY BEAM (UNDER SEPARATE APPLICATION, SEE DOB JOB No.123885901).
  - AT THE END OF EACH WORK DAY, REMOVE DEBRIS ACCUMULATION.
  - INSTALL GUARDRAILS AS LEADING EDGES ARE CREATED BY THE DEMOLITION OF THE SLABS.
  - IF SLAB IS DEMOLISHED BY HAND METHOD, MEN SHALL TIE OFF AND STAND ON PLANKS WHEN CHOPPING SLAB.
- AN EXCLUSION ZONE SHALL BE ENFORCED IN THE AREA AS SHOWN IN PLAN BETWEEN GRIDLINES 5 AND 9 WHEN THE DEMOLITION CONTRACTOR IS DUMPING DEBRIS IN THE ELEVATOR SHAFT.
- ACCESS TO STAIR B AT SUB-CELLAR LEVEL 1 WILL BE ELIMINATED BY THE PROPOSED FLOOR OPENING. TWO FIRE PROTECTED MEANS OF EGRESS ARE AVAILABLE FROM THE CELLAR; STAIR A AND STAIR O.
- SOLIDLY BARRICADE DOOR EXITING FROM STAIR TO CELLAR TO PREVENT ACCESS OUT OF STAIRWELL. PROVIDE A SIGNAGE TO INDICATE NO ACCESS AND SHAFT BEYOND DOOR.
- ACCESS FROM SUB-CELLAR 3 TO GROUND FLOOR IN STAIR B SHALL REMAIN UNOBSTRUCTED.

| LEGEND |  |
|--------|--|
|        | SLAB TO BE DEMOLISHED                  |
|        | NO EGRESS AT FLOOR UNDER CONSIDERATION |
|        | EXCLUSION ZONE                         |
|        | EGRESS FOR FOUNDATION CONTRACTOR       |
|        | EGRESS FOR DEMOLITION CONTRACTOR       |
|        | EGRESS FOR MNR EMERGENCY EXIT          |

|  |               |                         |                  |
|--|---------------|-------------------------|------------------|
| No.  | DATE          | DESCRIPTION             | BY               |
| <b>HOWARD I. SHAPIRO &amp; ASSOCIATES</b><br>CONSULTING ENGINEERS, P.C.  |               |                         |                  |
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| CLIENT   |               |                         |                  |
| NORTHSTAR CONTRACTING GROUP, INC.<br>32 WILLIAMS PARKWAY, E. HANOVER, NJ 07936<br>PH: (973) 884-8682   |               |                         |                  |
| PROJECT  |               |                         |                  |
| FULL DEMOLITION OF 52-STORY TOWER AND 13-STORY PODIUM AT<br>270 PARK AVENUE, MANHATTAN, NY   |               |                         |                  |
| ZONING INFORMATION   |               |                         |                  |
| BLOCK: 1283<br>LOT: 21<br>ZONE: C5-3<br>ZONING MAP: 8D<br>COMMUNITY BOARD: 105<br>BIN #: 1035421   |               |                         |                  |
| PLACE STICKER HERE   |               | EXAMINER'S STAMP HERE   |                  |
| TITLE  |               |                         |                  |
| FLOOR OPENINGS AT B.1-4 LINE & B.1-9 LINE<br>SUB-CELLAR 1 PLAN   |               |                         |                  |
| SEAL & SIGNATURE   | Sk Ali-Shafin | DRAWING BY: SM          | DATE: 03/04/2020 |
|  |               | PROJECT NO: 18211.02.00 | ENGINEER: JS     |
| APPROVED<br>AMENDED PLAN<br>03/06/2020<br>CSC SSR  |               | SCALE: AS NOTED         | CHK BY: JS       |
|  |               | DWG NO:                 | SSP-242.00       |
|  |               | 120 OF 271              |                  |





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

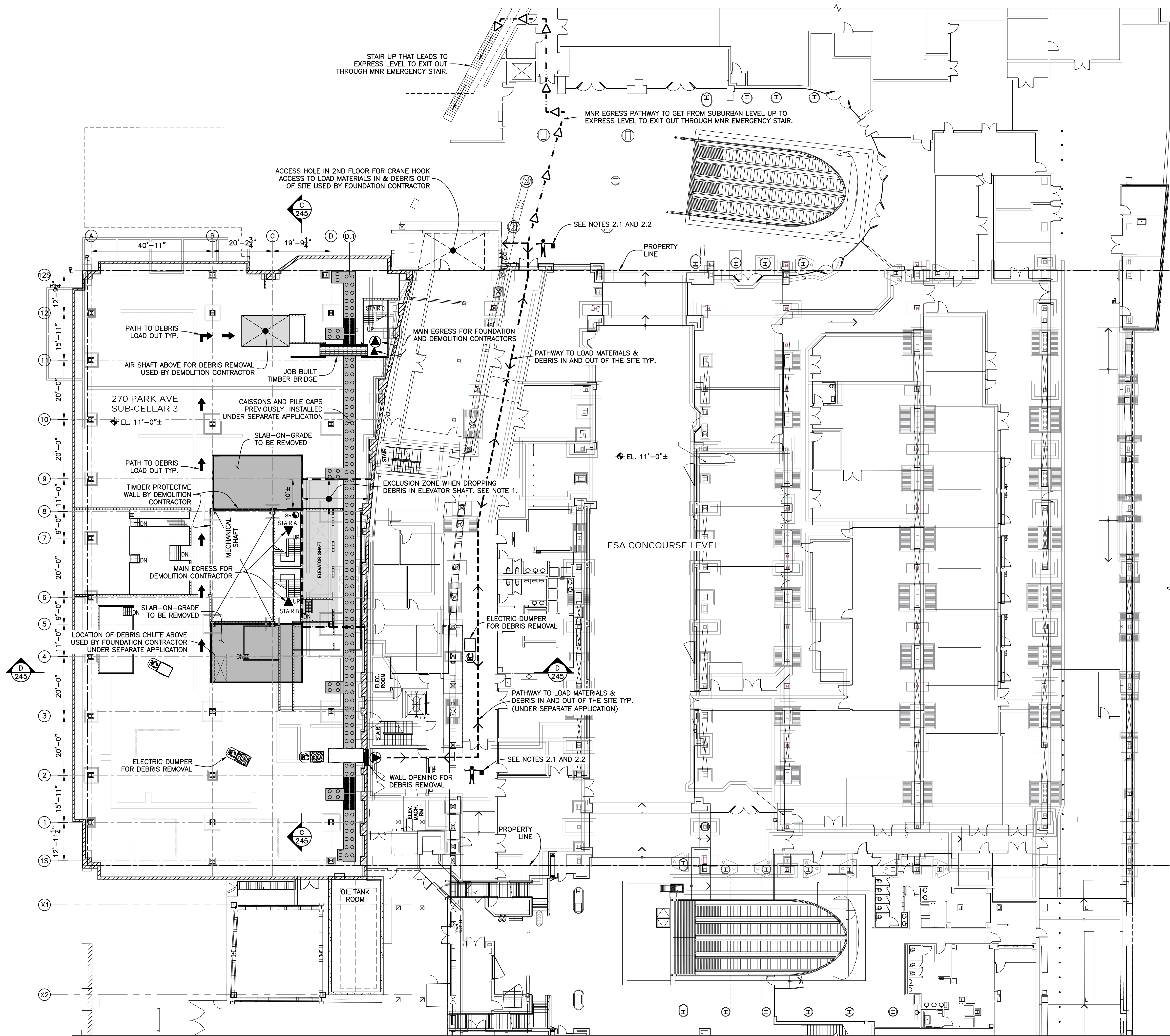
NOTES :

- 1.0 REFER TO SSP-201 AND SSP-202 FOR GENERAL NOTES FOR ADDITIONAL INFORMATION REGARDING SAFEGUARDS DURING DEMOLITION.
- 2.0 DEMOLITION OF CELLAR 2 SLAB :
- 2.1 PRIOR TO DEMOLITION, REVIEW DEMOLITION MECHANICAL EQUIPMENT USE NOTES ON SSP-202.
- 2.2 REFERENCE ALT-2 JOB NO. 121204785 FOR DETAILS OF MECHANICAL DEMOLITION OF SUB-CELLAR 2 FLOOR.
- 2.3 VACATE AREA AT SUB-CELLAR 3 DIRECTLY BELOW THE PORTION OF SLAB TO BE DEMOLISHED PLUS AN ADDITIONAL 25' 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.
- 2.4 CHOP CONCRETE SLAB AND BEAM ENCASEMENT USING MECHANICAL EQUIPMENT.
- THE STARTING POINT AND DIRECTION OF DEMOLITION IS AT THE CONTRACTOR'S DISCRETION.
- 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.
- 2.5 CONCRETE DEBRIS IS PERMITTED TO DROP TO SUB-CELLAR 3. PERIODICALLY CLEAN UP THE DEBRIS FROM SUB-CELLAR 3 AND HOIST TO GROUND FLOOR VIA TROLLEY BEAM (UNDER SEPARATE APPLICATION, SEE DOB JOB No.123885901).
- AT THE END OF EACH WORK DAY, REMOVE DEBRIS ACCUMULATION.
- 2.6 INSTALL GUARDRAILS AS LEADING EDGES ARE CREATED BY THE DEMOLITION OF THE SLABS.
- 2.7 IF SLAB IS DEMOLISHED BY HAND METHOD, MEN SHALL TIE OFF AND STAND ON PLANKS WHEN CHOPPING
- 3.0 AN EXCLUSION ZONE SHALL BE ENFORCED IN THE AREA AS SHOWN IN PLAN BETWEEN GRIDLINES 5 AND 9 WHEN THE DEMOLITION CONTRACTOR IS DUMPING DEBRIS IN THE ELEVATOR SHAFT.
- 4.0 ACCESS TO STAIR B AT SUB-CELLAR LEVEL 1 WILL BE ELIMINATED BY THE PROPOSED FLOOR OPENING. TWO FIRE PROTECTED MEANS OF EGRESS ARE AVAILABLE FROM THE CELLAR; STAIR A AND STAIR O.
- SOLIDLY BARRICADE DOOR EXITING FROM STAIR TO CELLAR TO PREVENT ACCESS OUT OF STAIRWELL. PROVIDE A SIGNAGE TO INDICATE NO ACCESS AND SHAFT BEYOND DOOR.
- ACCESS FROM SUB-CELLAR 3 TO GROUND FLOOR IN STAIR B SHALL REMAIN UNOBSTRUCTED.

| LEGEND |                                  |
|--------|----------------------------------|
|        | SLAB TO BE DEMOLISHED            |
|        | EXCLUSION ZONE                   |
|        | EGRESS FOR FOUNDATION CONTRACTOR |
|        | EGRESS FOR DEMOLITION CONTRACTOR |
|        | EGRESS FOR MNR EMERGENCY EXIT    |

|  |  |                       |    |
|--|--|-----------------------|----|
| No.  | DATE   | DESCRIPTION           | BY |
| <b>HOWARD I. SHAPIRO &amp; ASSOCIATES</b><br>CONSULTING ENGINEERS, P.C.  |  |                       |    |
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| CLIENT   |  |                       |    |
| NORTHSTAR CONTRACTING GROUP, INC.<br>32 WILLIAMS PARKWAY, E. HANOVER, NJ 07936<br>PH: (973) 884-8682   |  |                       |    |
| PROJECT  |  |                       |    |
| FULL DEMOLITION OF 52-STORY TOWER<br>AND 13-STORY PODIUM AT<br>270 PARK AVENUE, MANHATTAN, NY  |  |                       |    |
| ZONING INFORMATION   |  |                       |    |
| BLOCK: 1283<br>LOT: 21<br>ZONE: C5-3<br>ZONING MAP: 8D<br>COMMUNITY BOARD: 105<br>BIN #: 1035421   |  |                       |    |
| PLACE STICKER HERE   |  | EXAMINER'S STAMP HERE |    |
| TITLE  |  |                       |    |
| FLOOR OPENINGS AT B.1-4 LINE & B.1-9 LINE<br>SUB-CELLAR 2 PLAN   |  |                       |    |
| SEAL & SIGNATURE   | DRAWING BY: SM DATE: 03/04/2020<br>PROJECT NO: 18211.02.00<br>ENGINEER: JS<br>SCALE: AS NOTED<br>CHK BY: JS<br>DWG NO: |                       |    |
|  | SSP-243.00   |                       |    |
|  |  | 121 OF 271            |    |





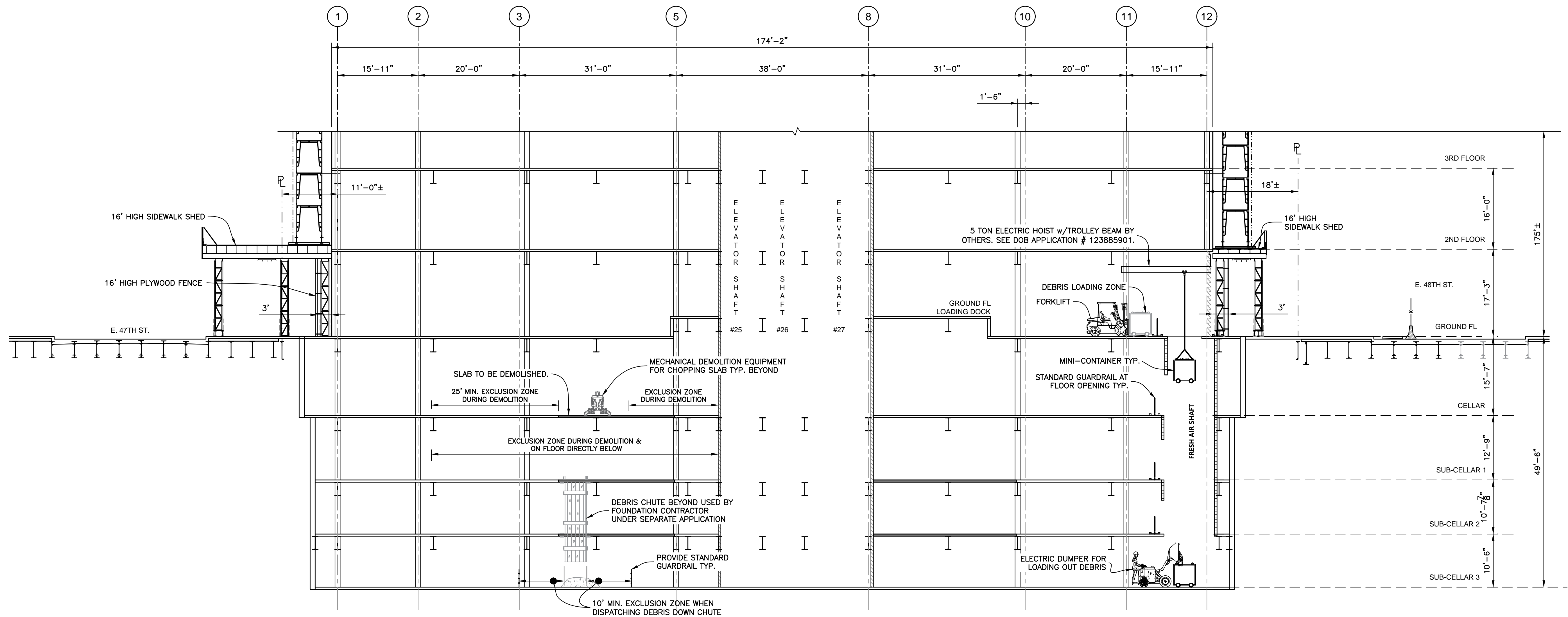
| LEGEND                        |  |
|-------------------------------|--|
|                               | FOUNDATION CONTRACTOR WORK AREA  |
|                               | DEMOLITION CONTRACTOR WORK AREA.<br>SEE DOB JOB No. 123656640.   |
|                               | OUTLINE OF EXCAVATION BELOW SUB-CELLAR 3   |
|                               | EGRESS FOR FOUNDATION CONTRACTOR   |
|                               | EGRESS FOR DEMOLITION CONTRACTOR   |
|                               | EGRESS FOR MNR EMERGENCY EXIT  |
|                               | DEMOLITION CONTRACTOR'S PATHWAY TO LOAD<br>DEBRIS OUT OF THE SITE  |
|                               | FOUNDATION CONTRACTOR'S PATHWAY TO LOAD<br>MATERIALS & DEBRIS IN AND OUT OF THE SITE                         |
|                               | MNR EGRESS PATHWAY TO GET FROM SUBURBAN LEVEL UP TO<br>EXPRESS LEVEL TO EXIT OUT THROUGH MNR EMERGENCY STAIR |
| SEE SSP-201A FOR FULL LEGEND. |  |

- NOTES :
- 1.0 AN EXCLUSION ZONE SHALL BE ENFORCED IN THE 12'± WIDE STRIP BETWEEN GRIDLINES 5 AND 9 WHEN THE DEMOLITION CONTRACTOR IS DUMPING DEBRIS IN THE ELEVATOR SHAFT.
  - 2.0 ACCESS FROM EAST SIDE ACCESS AND METRO NORTH HAS BEEN GRANTED FOR THIS CONSTRUCTION PROJECT.
  - 2.1 ON-GOING COORDINATION AND COMMUNICATIONS SHALL BE MAINTAINED BETWEEN EAST SIDE ACCESS CONTRACTORS AND THE FOUNDATION CONTRACTOR FOR SIMULTANEOUS WORK AT THE CONCOURSE LEVEL.
  - 2.2 THE FOUNDATION CONTRACTOR SHALL PROVIDE FLAGMAN AS NEEDED WHEN WORKING IN THE EAST SIDE ACCESS SPACE TO MONITOR AND SAFEGUARD ONSITE ACTIVITIES AT THE ACCESS HOLE AND PATHWAY THROUGH THE EAST SIDE ACCESS WORK AREA.

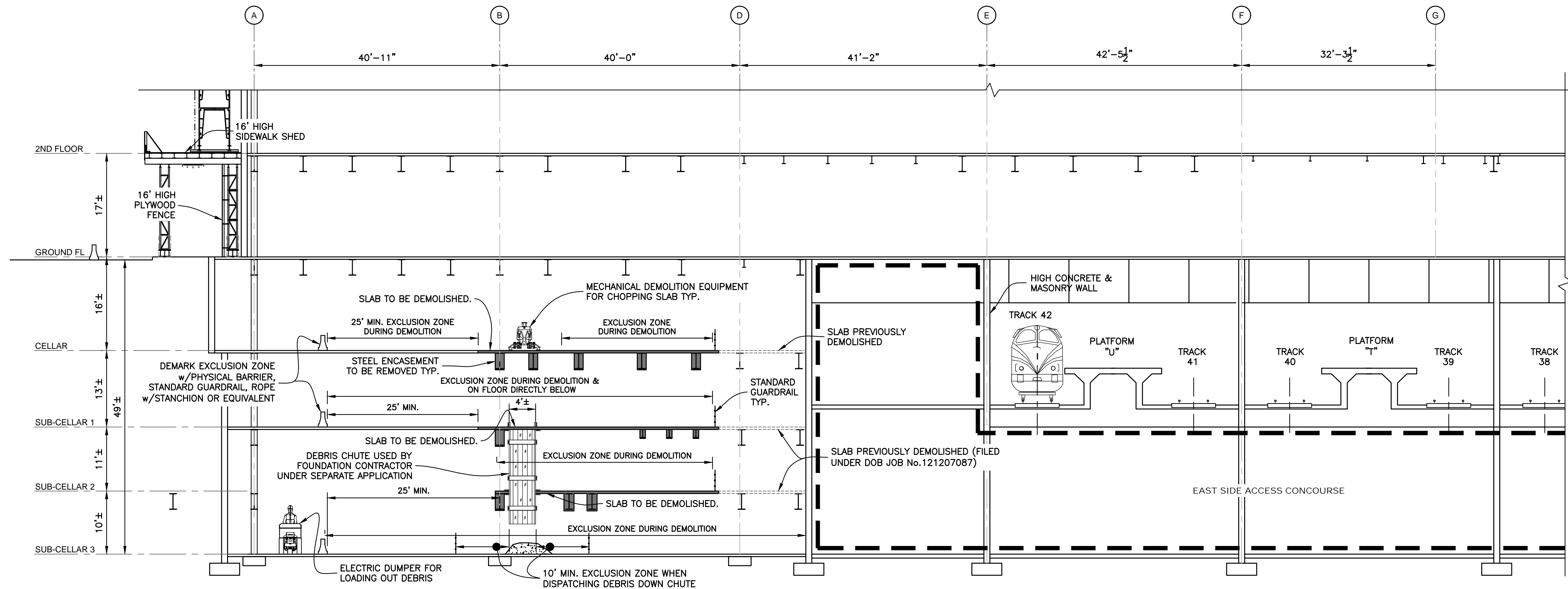
|  |      |  |    |
|--|------|--|----|
| No.  | DATE | DESCRIPTION  | BY |
| <b>HOWARD I. SHAPIRO &amp; ASSOCIATES</b><br>CONSULTING ENGINEERS, P.C.  |      |  |    |
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| CLIENT   |      |  |    |
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| PROJECT  |      |  |    |
| FULL DEMOLITION OF 52-STORY TOWER<br>AND 13-STORY PODIUM AT<br>270 PARK AVENUE, MANHATTAN, NY  |      |  |    |
| ZONING INFORMATION   |      |  |    |
| BLOCK: 1283<br>LOT: 21<br>ZONE: C5-3<br>ZONING MAP: 8D<br>COMMUNITY BOARD: 105<br>BIN #: 1035421   |      |  |    |
| PLACE STICKER HERE   |      | EXAMINER'S STAMP HERE  |    |
| TITLE  |      |  |    |
| FLOOR OPENINGS AT B.1-4 LINE & B.1-9 LINE<br>SUB-CELLAR 3 PLAN   |      |  |    |
| SEAL & SIGNATURE   |      | DRAWING BY: SM DATE: 03/04/2020<br>PROJECT NO: 18211.02.00<br>ENGINEER: JS<br>SCALE: AS NOTED<br>CHK BY: JS<br>DWG NO: 03/06/2020<br>CSC SSR |    |
| APPROVED<br>AMENDED PLAN<br>03/06/2020<br>CSC SSR  |      | SSP-244.00   |    |
|  |      | 122 OF 271   |    |

SUB-CELLAR 3 & ESA CONCOURSE LEVEL PLAN  
Scale : 1/16" = 1'-0"





SECTION C-C  
Scale : 3/32" = 1'-0"



SECTION D-D  
Scale : 3/32" = 1'-0"

| No.  | DATE | DESCRIPTION   | BY |
|--|------|---|----|
| <b>HOWARD I. SHAPIRO &amp; ASSOCIATES</b><br>CONSULTING ENGINEERS, P.C.<br>266 MERRICK ROAD, SUITE 300, LYNBROOK, N.Y. 11563<br>TEL: (516) 791-2600 FAX: (516) 791-5425<br>COPYRIGHT DESIGN NOT TO BE LENT, COPIED, OR REPRODUCED IN WHOLE OR IN PART WITHOUT PRIOR WRITTEN CONSENT.<br>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. |      |   |    |
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| PROJECT<br>FULL DEMOLITION OF 52-STORY TOWER<br>AND 13-STORY PODIUM AT<br>270 PARK AVENUE, MANHATTAN, NY   |      |   |    |
| ZONING INFORMATION<br>BLOCK: 1283<br>LOT: 21<br>ZONE: C5-3<br>ZONING MAP: 8D<br>COMMUNITY BOARD: 105<br>BIN #: 1035421   |      |   |    |
| PLACE STICKER HERE   |      | EXAMINER'S STAMP HERE   |    |
| TITLE<br>FLOOR OPENINGS AT B.1-4 LINE & B.1-9 LINE<br>SECTIONS C-C & D-D   |      |   |    |
| SEAL & SIGNATURE<br><b>Sk Ali-Shafin</b><br><b>APPROVED</b><br><b>AMENDED PLAN</b><br><b>03/06/2020</b><br>CSC SSR   |      | DRAWING BY: SM DATE: 03/04/2020<br>PROJECT NO: 18211.02.00<br>ENGINEER: JS<br>SCALE: AS NOTED<br>CHK BY: JS<br>DWG NO: SSP-245.00 |    |
|  |      | 123 OF 271  |    |