

KEY PLAN  
Scale : 1" = 50'

No.	REVISIONS	BY

**GENERAL NOTES:**

- WORKER PROTECTION AND DEMOLITION METHODS SHALL CONFORM TO ALL APPLICABLE OSHA REGULATIONS, AND IN PARTICULAR:  
 29 CFR1926:  
 SUBPART E – PERSONNEL PROTECTIVE EQUIPMENT  
 L – SCAFFOLDING  
 M – FALL PROTECTION  
 T – DEMOLITION
- PUBLIC PROTECTION AND DEMOLITION METHODS SHALL CONFORM TO 2008 NYC BUILDING CODE CHAPTER 33, AND IN PARTICULAR:  
 3303 – SAFEGUARDS AND MAINTENANCE OF SITE  
 3306 – DEMOLITION  
 3307 – PROTECTION OF PEDESTRIANS  
 3308 – SAFETY NETTING  
 3309 – PROTECTION OF ADJOINING PROPERTY  
 3314 – SCAFFOLDING
- THE PLANS DO NOT COVER OTHER REQUIREMENTS SUCH AS ASBESTOS REMOVAL, UTILITY CUT-OFFS, MAINTENANCE OF SPRINKLER SYSTEMS, ETC.
- SCAFFOLDING, WHERE CALLED FOR, SHALL BE ERECTED TO THE FULLEST LENGTH OF THE BUILDING AND SHALL BE REMOVED AS DEMOLITION PROGRESSES.

**CONTRACTOR'S DUTIES & LIMIT OF ENGINEER'S RESPONSIBILITY:**

- THE PLANS HEREIN PRESENT A GENERAL SCHEME FOR DEMOLITION. DUE TO THE NATURE OF DEMOLITION, IT IS IMPOSSIBLE FOR THE ENGINEER TO ANTICIPATE ALL CONDITIONS FOR CONTINGENCIES. IF THE CONTRACTOR COMES ACROSS A CONDITION OR CIRCUMSTANCE THAT IS ASSESSED TO NEED THE ENGINEER'S SCRUTINY, THE CONTRACTOR SHALL PROVIDE TIMELY NOTIFICATION TO THE ENGINEER.
- THE ENGINEER HAS NO ONGOING PRESENCE ON THE SITE, NO CONTROL OF ACTIVITIES ON THE SITE, NO SUPERVISORY ROLE AND NO FIELD RESPONSIBILITY FOR SITE SAFETY.
- THE CONTRACTOR IS RESPONSIBLE FOR SUPERVISION OF THE WORK INCLUDING PERSONNEL PROTECTION IN ACCORDANCE WITH OSHA AND OTHER APPLICABLE REGULATIONS, PUBLIC PROTECTION IN ACCORDANCE WITH THE NYC BUILDING CODE AND PROTECTION OF ADJACENT PROPERTIES.
- IN ORDER TO BE ABLE TO CARRY OUT DUTIES IMPOSED IN BC CHAPTERS 17 AND 33, THE ENGINEER SHALL BE NOTIFIED BY THE CONTRACTOR BETWEEN 24 AND 72 HOURS PRIOR TO THE START OF STRUCTURAL DEMOLITION.
- THE ENGINEER SHALL BE NOTIFIED BY THE CONTRACTOR PROMPTLY OF ANY DEVIATION FROM THE APPROVED PLAN, UNEXPECTED CONDITIONS OR INCIDENTS INVOLVING INJURY, COLLAPSE, PROPERTY DAMAGE OR VIOLATIONS ISSUED BY GOVERNMENT ENTITIES.



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DEMOLITION WORK PLAN  
FOR  
BRANDENBURG INDUSTRIAL SERVICE COMPANY

PROPOSED NEW SUBWAY  
AT  
2ND AVENUE AND E. 72ND ST. AND E. 69TH ST.

DATE: 9/19/11  
SCALE: AS NOTED  
DRAWN BY:  
JOB:  
FILE:  
SHEET 1  
OF 2 SHEETS

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**DEMOLITION SCOPE:**

- FOR GENERAL NOTES SEE SHEET 1.
- AT THE START OF THE STRUCTURAL DEMOLITION, ENVIRONMENTAL REMEDIATION WILL BE COMPLETE AND THE BUILDING SHALL BE PREPARED FOR STRUCTURAL DEMOLITION OPERATIONS, I.E. SIDEWALK SHED AND SCAFFOLD INSTALLED, SIDEWALK CLOSURE AND STREET CLOSURE, WINDOWS BOARDED UP AS NEEDED, UTILITIES CUTOFF, ETC.
- CELL PHONE TOWER BASE AND EQUIPMENT HAS BEEN REMOVED DURING PREP PHASE.
- WHEN WORKING NEAR UNPROTECTED EDGE, LABORERS SHALL TIE-OFF TO ADEQUATE TIE-OFF POINTS. HAND RAILS SHALL BE INSTALLED AS NEEDED.
- REMOVE 235 E 69TH STREET AND 1313-1315 2ND AVENUE DOWN TO SIDEWALK GRADE.
- REMOVE ALL "INTERNAL" FOUNDATION WALLS. PERIMETER FOUNDATION WALLS WILL REMAIN.
- FRACTURE BASEMENT SLABS FOR DRAINAGE.

**EQUIPMENT USE:**

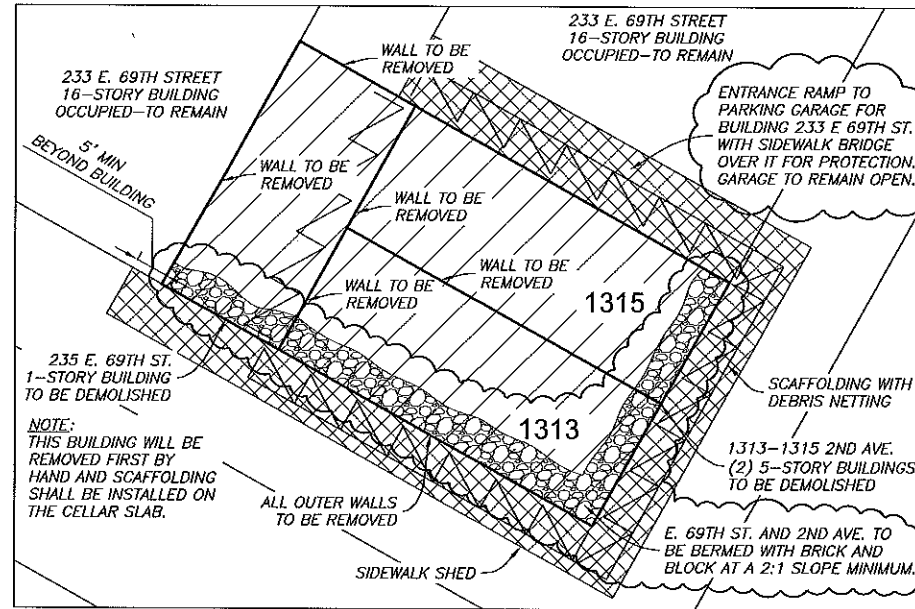
- HEAVY EQUIPMENT WILL BE UTILIZED ONLY ON SOLID GRADE SURFACES.
- EQUIPMENT WILL HAVE COMMUNITY SENSITIVE BACK-UP ALARM.
- DPF'S WILL BE ON ON ALL MACHINES OVER 50 HP WORKING ON SITE AT ALL TIME.

**EQUIPMENT LIST:**

- LIEBHERR 924 EXCAVATOR WITH VARIOUS ATTACHMENTS
- 30 AND/OR 40 CUBIC YARD CONTAINER ROLL-OFF TRUCKS WILL BE UTILIZED TO HAUL WASTE AND SCRAP OFF SITE.
- JLG 800 SERIES ARTICULATING BOOM LIFT
- CATERPILLAR 973 TRACK LOADER
- BOBCAT SKID STEER S300

**PROCEDURE:**

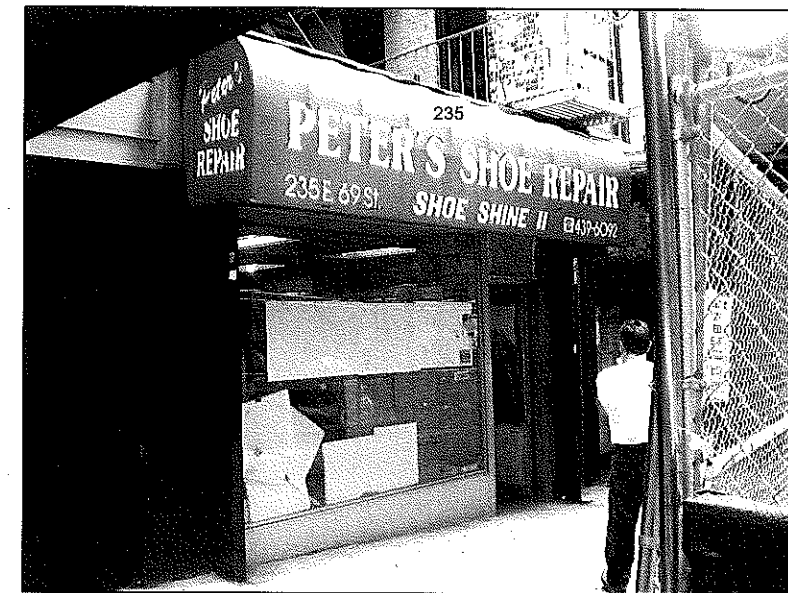
- DEBRIS CHUTES APPROXIMATELY 4' WIDE WILL BE CONSTRUCTED IN DESIGNATED AREAS, AT THE DISCRETION OF THE CONTRACTOR, ALLOWING THE EXPEDITIOUS DEBRIS REMOVAL FROM HIGHER TO LOWER FLOORS. DEBRIS CHUTES WILL BE CONSTRUCTED AS PER OSHA STANDARDS AND/OR BRANDENBURG'S HASP. THE OPENINGS SHALL BE SPACED A MIN. OF 20' APART WITHIN EACH BUILDING. THIS WILL PREVENT DEBRIS FROM PILING UP ON THE FLOORS AND THUS ELIMINATE EXCESSIVE LOADS ON THE FLOORS. AREAS AROUND OPENINGS SHALL BE PROTECTED BY INSTALLING STANDARD GUARDRAILS AS A MEANS OF FALL PROTECTION.
- 235 E 69TH STREET SHALL BE DEMOLISHED FIRST USING HAND METHODS IN ORDER TO ACCOMMODATE INSTALLATION OF SCAFFOLD.
- WORKING IN 20' SECTIONS, REMOVE A PORTION OF WOOD JOISTS. AFTER JOISTS ARE REMOVED, DEMOLISH THE FREESTANDING BRICK WALLS (INCLUDING FACADE OR REAR WALL). DEMOLISH BRICK LEVEL WITH THE WORKING FLOOR. WALL MAY BE TAKEN DOWN TO WITHIN 1' TO 3' OF WORKING FLOOR IF CONTRACTOR CHOOSES TO LEAVE THE WALL SLIGHTLY HIGHER TO FORM A BARRIER. THE BRICK SHALL BE BROKEN UP INTO SMALL SECTIONS WITH DEMOLITION HAMMERS OR BARS AND PULLED INTO THE BUILDING AND DROPPED INTO DEBRIS CHUTES. THE BRICK SHALL BE CONTINUOUSLY MISTED TO MINIMIZE DUST.
- IN GENERAL, ONE ENTIRE FLOOR WILL BE REMOVED BEFORE MOVING TO THE NEXT FLOOR BELOW. DEMOLITION WILL BEGIN ON THE ROOF LEVEL OF EACH BUILDING WITH A LABOR CREW. THE CREW WILL START ON ONE SIDE OF THE BUILDING AND WORK SYSTEMATICALLY TO THE OTHER SIDE OF THE BUILDING. IN NO CASE SHALL A FREESTANDING WALL BE LEFT UNSUPPORTED OVERNIGHT.
- AS THE BUILDINGS ARE TAKEN DOWN, THE DEBRIS WILL BE SEPARATED AS PER DETERMINED WASTE STREAM AND HANDLED TWO WAYS. FIRST, IT WILL FALL INTO DESIGNATED BASEMENT AREAS SO AS NOT TO PILE UP AGAINST ANY INTERIOR BASEMENT WALLS. THE SECOND WAY DEBRIS WILL BE HANDLED IS THROUGH THE GROUND FLOOR WHERE IT WILL BE LOADED ONTO TRUCKS OR CONTAINERS STAGED IN THE CLOSED SIDEWALK AND/OR STREET. ALL TRUCKS THAT WILL BE BACKED IN TO THE SITE WILL HAVE A SPOTTER TO HELP WITH DIRECTING PEDESTRIAN TRAFFIC AND SPOTTING BOXES. WOOD JOISTS WILL BE CARRIED DOWN TO THE STREET LEVEL FOR LOAD OUT.
- AS THE BUILDINGS COME DOWN, THE SCAFFOLDING WILL BE DISMANTLED AND REMOVED FROM THE SITE.
- IF CONDITIONS ARISE WHERE THE WORKFORCE CANNOT REACH A DESIRED AREA VIA THE USE OF THE EXISTING BUILDING OR THE SCAFFOLDING SURROUNDING THE BUILDING, THEN A BOOM LIFT WILL BE USED AS NOTED IN EQUIPMENT LIST ABOVE.
- THE BUILDINGS WILL BE DEMOLISHED BY HAND LABOR DOWN TO THE SECOND FLOOR LEVEL LEAVING ONE STORY STANDING. ALL REMAINING ONE STORY PORTION OF THE BUILDINGS WILL BE DEMOLISHED USING A HYDRAULIC EXCAVATOR WITH A SPECIALIZED DEMOLITION ATTACHMENT SUCH AS A GRAPPLE. ALL RESULTING DEBRIS WILL BE LOADED ONTO TRUCKS OR CONTAINERS USING THE HYDRAULIC EXCAVATOR OR FRONT END LOADER.
- WHEN THE BUILDING IS READY FOR THE HYDRAULIC EXCAVATOR TO DEMOLISH THE REMAINING PORTION OF THE BUILDING THE SIDEWALK BRIDGE ALONG THE CLOSED EXTERIOR PORTION OF THE BUILDINGS WILL BE REMOVED TO ALLOW ACCESS FOR DEMOLITION AND LOADING OPERATIONS.
- UPON COMPLETION ALL EXTERIOR BASEMENT WALLS SHALL REMAIN AND BASEMENTS WILL BE BACKFILLED TO GRADE WITH BRICK/BLOCK/STONE AND FILL. THE SLOPE WILL BE ATLEAST 2:1. WALLS TO BE BERMED WILL BE THE ENTIRE SOUTH BASEMENT WALL ALONG E 69TH STREET AND THE ENTIRE EAST WALL ALONG 2ND AVENUE.
- 12 LALLY COLUMNS SUPPORTING FLOOR SHALL BE PROTECTED OR FILLED EVENLY AROUND THE COLUMNS.
- BASEMENT SLABS WILL BE FRACTURED.
- PRIOR TO PLACEMENT OF FILL MATERIAL FOR BERM, ADJACENT BUILDINGS SHALL HAVE A VAPOR BARRIER IN ACCORDANCE WITH CHAPTER 33 OF BCNYC 2008.
- THE NORTH WALL OF 1313 ABOVE THE KITCHEN OF 1315 WHICH HAS NO BASEMENT. THE JOIST AREA RUNS EAST TO WEST AND AS SUCH THE NORTH AND SOUTH WALL WILL NOT BE AFFECTED BY JOIST REMOVAL.
- THE SIDEWALK BRIDGES, RAMP AND GEMAT'S GARAGE WILL REMAIN OPEN AT ALL TIMES DURING THE BUILDING DEMOLITION.
- GIVEN THE AWARD OF OPTION 1, THE PORTION OF PARTY WALL BETWEEN 1325 SECOND AVENUE AND 233 E 69TH STREET WILL NOT HAVE FILL PLACED AGAINST IT. THE PORTION ABOVE EL. 157.5 WILL BE DEMOLISHED TO ELIMINATE FREE STANDING WALLS.
- THIS DEMOLITION PLAN ONLY COVERS THE DEMOLITION OF THE BUILDING AND PARTY WALL TO EL. 157.5, TOP OF PASSAGEWAY SLAB. REMAINING REMOVALS AND REROUTING OF TEANANTS WILL BE SEPARATE SUBMITTALS.



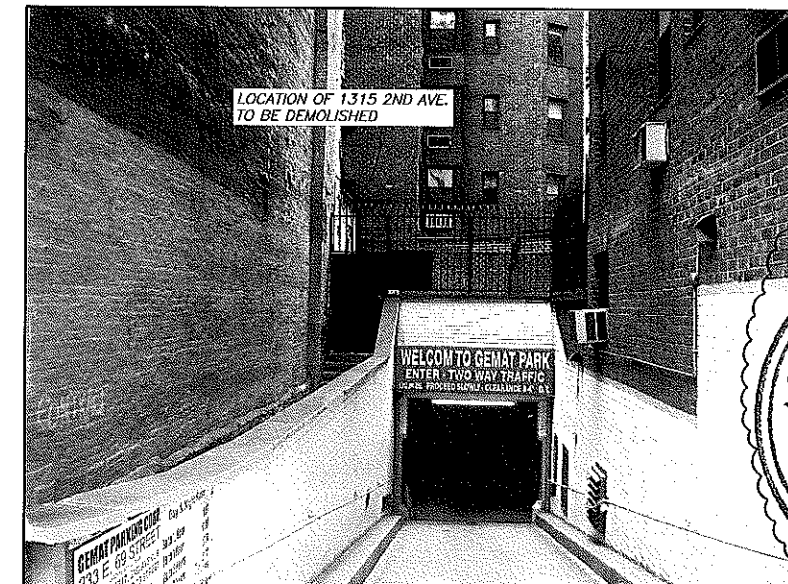
PLAN VIEW-E. 69ND ST. & 2ND AVE.  
Scale: 1" = 15'



FRONT OF 1313-1315 2ND AVE.



FRONT OF 235 E. 69TH ST.



RAMP ENTRANCE TO PARKING GARAGE

No.	REVISIONS	BY

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DEMOLITION WORK PLAN  
FOR  
BRANDENBURG INDUSTRIAL SERVICE COMPANY

PROPOSED NEW SUBWAY  
AT  
2ND AVENUE AND E. 72ND ST. AND E. 69TH ST.

DATE: 9/19/11  
SCALE: AS NOTED  
DRAWN BY:  
JOB:  
FILE:  
SHEET 2  
OF 2 SHEETS



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**GENERAL NOTES- NYC SCAFFOLDING INSTALLATIONS**

**A. BUILDING CODE CHAPTER # 33:**

1. SCAFFOLDS SHALL COMPLY TO CHAPTER # 33 OF THE SECTION BC 3314 OF THE 2008 BUILDING CODE.

**B. RATED LOAD (NYC 2008 BC SECTION 3314.3.3-3314.3.3.1)**

1. THIS IS A LIGHT DUTY PLATFORM AND THE LIVE LOAD CAPACITY IS 25 PSF. ONE WORKING LEVEL AT A TIME. CONCENTRATED LOADS OVER 250 POUNDS SHALL BE PLACED DIRECTLY OVER BEARERS.

**C. WORKMAN SHIP AND MATERIALS (NYC 2008 BC SECTIONS 3314.5.2 & 3314.8-3314.9.3)**

1. INSPECT EQUIPMENT AND MATERIALS BEFORE USE. REJECT DAMAGED, BENT OR DETERIORATED ITEMS. REJECT ANY SUSPECT OR SUBSTANDARD PLANK.
2. USE ONLY SCAFFOLD GRADE PLANK. PLANKING SHALL EITHER BE STAMPED FOR SCAFFOLD USE OR SHALL HAVE GRADE APPROVED BY THE ENGINEER.
3. HANGERS, BRACKETS, BRACES AND OTHER ACCESSORIES SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS REQUIREMENTS AND LOCAL APPLICABLE REGULATIONS.
4. PROVIDE TOE-BOARD, GUARDRAILS, MID-RAILS, STAIR/ LADDERS AND CLOSURES TO COMPLY WITH OSHA AND OTHER APPLICABLE REGULATIONS.
5. ALL PLANK SHALL BE WIRED DOWN ( OR EQUIVALENT APPROVED CONNECTION TO BEARERS).

**D. LIMITATIONS (NYC 2008 BC SECTIONS 3314.5-3314.5.1-3 & 3314.6.4)**

1. SPACE BETWEEN SCAFFOLD AND WALL ON ANY UNGUARDED SIDE SHALL BE AS CLOSE AS PRACTICABLE BUT NOT MORE THAN 12 INCHES.
2. SECURE PLANK AND LAP THEM AT LEAST 6 INCHES OVER SUPPORTS, BUT NOT MORE THAN 18 INCHES.

**E. SCAFFOLD ERECTOR'S RESPONSIBILITIES: (NYC 2008 BC SECTIONS 3314.4-3314.4.2 & 5)**

1. ALL FIELD CONDITIONS DIFFERING FROM THE DRAWING AND ANY FIELD CHANGES SHALL BE REPORTED TO THE ENGINEER PROMPTLY.
2. WITH REGARDS TO MEANS AND METHODS OF INSTALLATION, COMPLY WITH OSHA AND LOCAL REGULATIONS. TAKE SUITABLE PRECAUTIONS TO PROTECT THE PUBLIC WHEN THEY ARE EXPOSED.
3. ERECTION SHALL COMPLY WITH SECTION 3314.4.4.5 OF THE NYC 2008 BUILDING CODE.
4. ERECTOR SHALL NOTIFY INSPECTION ENGINEER WHEN SCAFFOLD IS READY FOR INSPECTION.

**F. SCAFFOLD USER'S RESPONSIBILITIES: (NYC 2008 BC SECTIONS 3314.4.3-6)**

1. EXCEPT AS MIGHT BE REQUIRED IN AN EMERGENCY, DO NOT ALTER THE SCAFFOLD SYSTEM WITHOUT THE EXPLICIT CONSENT OF SCAFFOLDING CONTRACTOR. REMOVAL, REPLACEMENT OR ALTERATION OF ANY PART OF THE SYSTEM IS NOT PERMITTED WITHOUT WRITTEN CONSENT AND INSTRUCTIONS FROM SCAFFOLDING CONTRACTOR.
2. USER SHALL IMMEDIATELY REPORT DAMAGE, DEFECTS, LOOSE PARTS OR ANY HAZARDOUS CONDITIONS. SECURE ANY UNSAFE AREAS AGAINST USE UNTILL SUCH CONDITIONS ARE CORRECTED.
3. WORKERS USING SCAFFOLD SHALL COMPLY TO SECTION 3314.4.6 OF THE NYC 2008 BUILDING CODE.

**G. ENGINEER'S RESPONSIBILITIES:**

1. ENGINEER IS RESPONSIBLE ONLY FOR DESIGN OF THE SCAFFOLD INSTALLATION AS DESCRIBED ON THE INSTALLATION DRAWING (S).
2. ENGINEER IS NOT INVOLVED IN OPERATION, ERECTION, OR DISMANTLING
3. ENGINEER'S RESPONSIBILITY FOR STRUCTURAL STABILITY- STRUCTURED SAFETY IS LIMITED TO WORK DESCRIBED HEREIN UNDER HIS SIGN, SEAL AND PURVIEW.

**ADDITIONAL NOTES:**

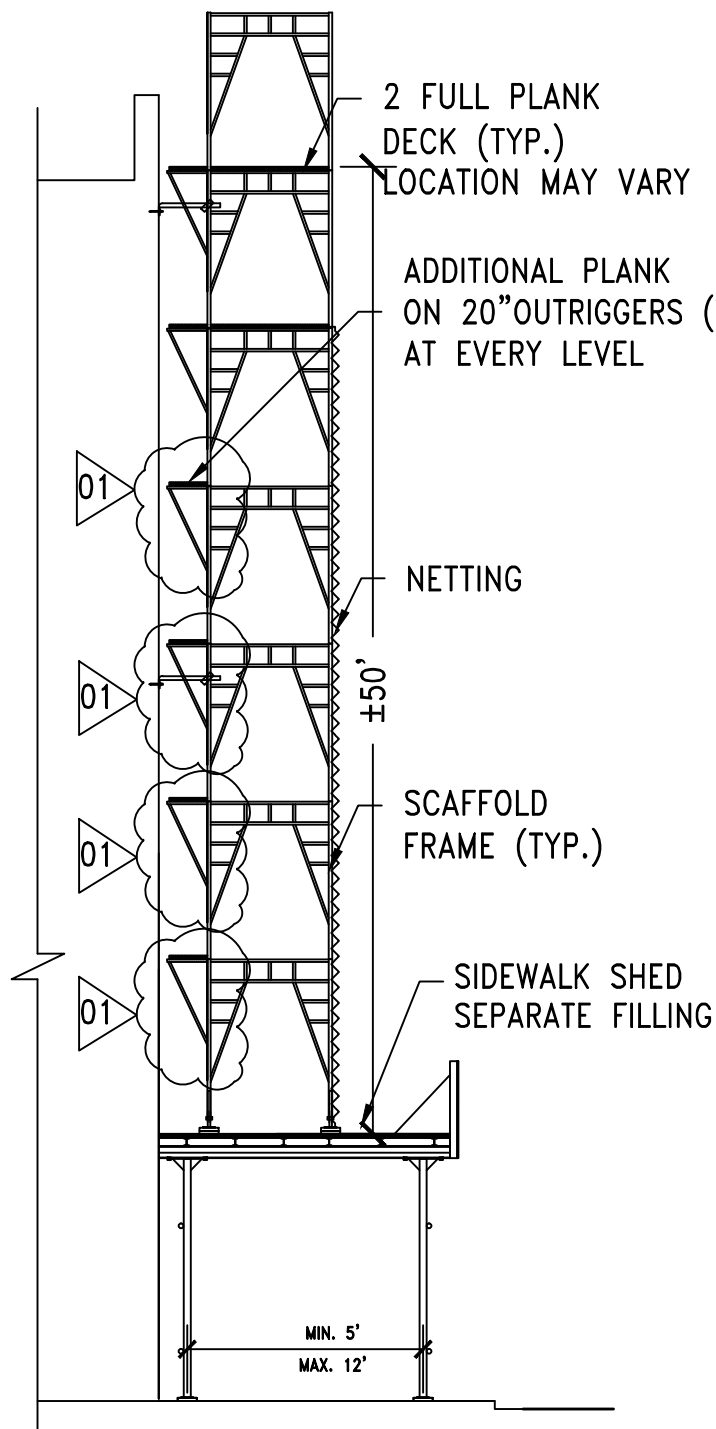
1. TWO FULL LEVELS OF PLANK TO BE PROVIDED.
2. TIE- IN EVERY: 8' MAX. HORIZONTAL, (EVERY BAY) & 19' MAX VERTICAL, (EVERY 3RD FRAME)
3. TWO STAIR TOWERS ARE TO BE PROVIDED. LOCATION OF STAIR TOWERS TO BE DETERMINED BY GC.
4. FULL NETTING TO BE PROVIDED.

**TENANT SAFETY NOTES:**

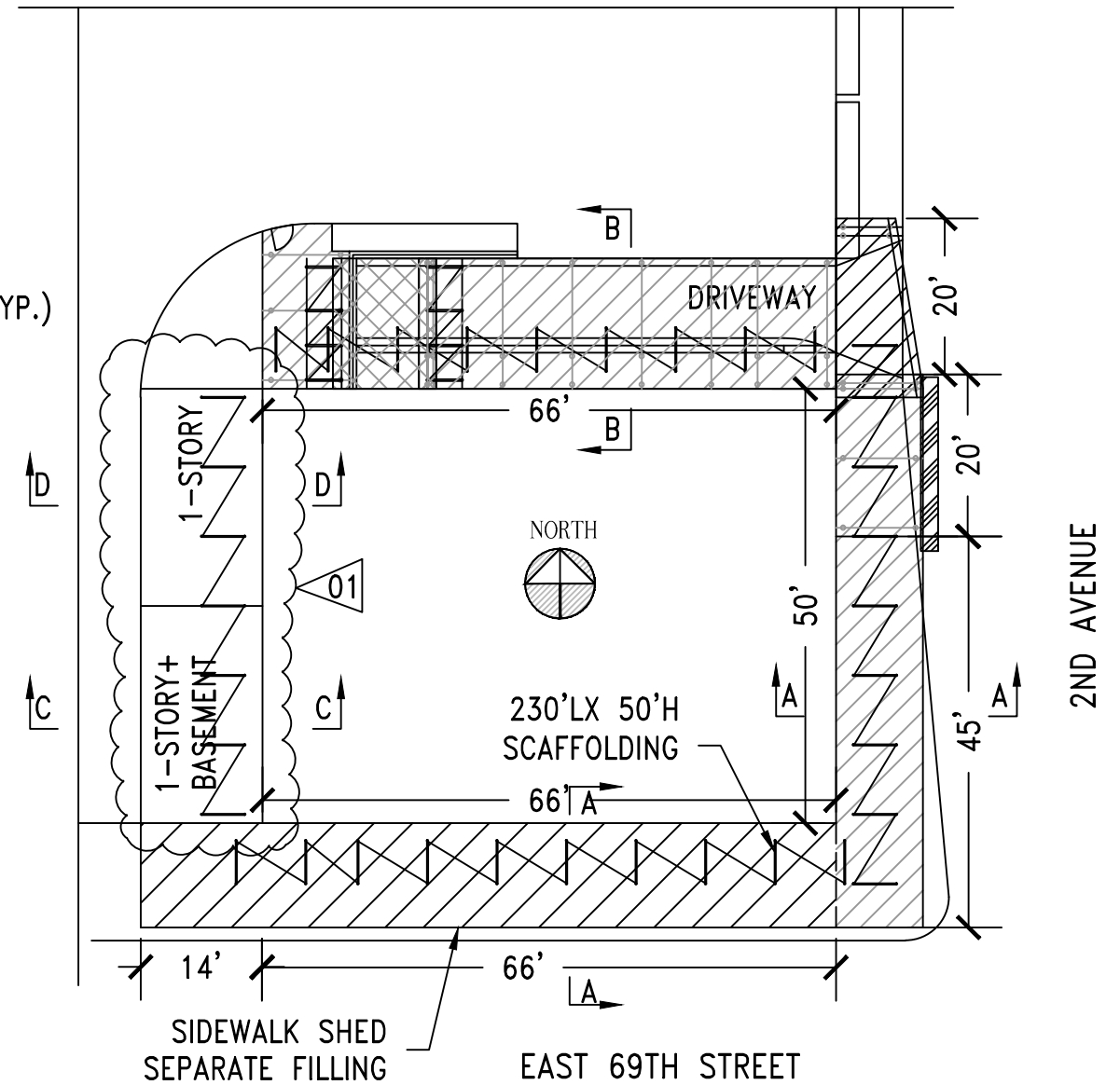
1. CONSTRUCTION WORK WILL BE CONFINED TO THE NORMAL WORKING HOURS, 6AM TO 5PM, MONDAY THROUGH FRIDAY, EXCEPT LEGAL HOLIDAYS.
2. CONSTRUCTION WORK WILL NOT BLOCK HALLWAYS OR MEANS OF EGRESS FOR TENANTS OF THE BUILDING.
3. CONSTRUCTION WORK WILL NOT INVOLVE INTERRUPTING OF HEATING, WATER OR ELECTRIC SERVICES TO OTHER TENANTS OF THE BUILDING.

**ECCCNYS EXEMPT NOTES:**

1. TO THE BEST OF MY KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGEMENT, THESE PLANS AND SPECIFICATIONS ARE EXEMPT FROM THE ENERGY CONSERVATION CODE OF NEW YORK STATE, BECAUSE THE WORK IS NOT PART OF THE SCOPE DESCRIBED IN CHAPTER 1, SECTIONS 101.2 & 101.4.2.1



**SECTIONAL VIEW A-A**  
SCALE: N.T.S.



**SCAFFOLDING PLOT PLAN**  
N.T.S.

**INSPECTION REQUIRED:**

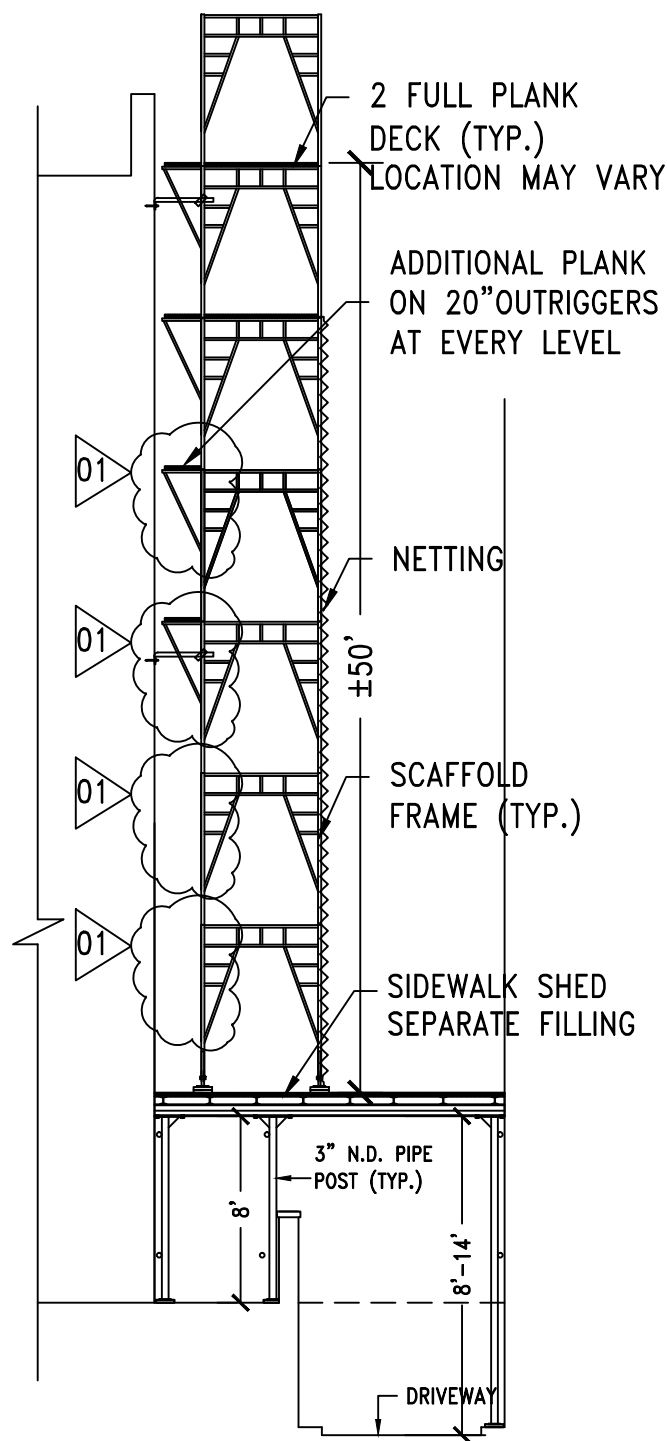
1. FINAL INSPECTION AND
2. STRUCTURAL STABILITY

**ZONING DATA**

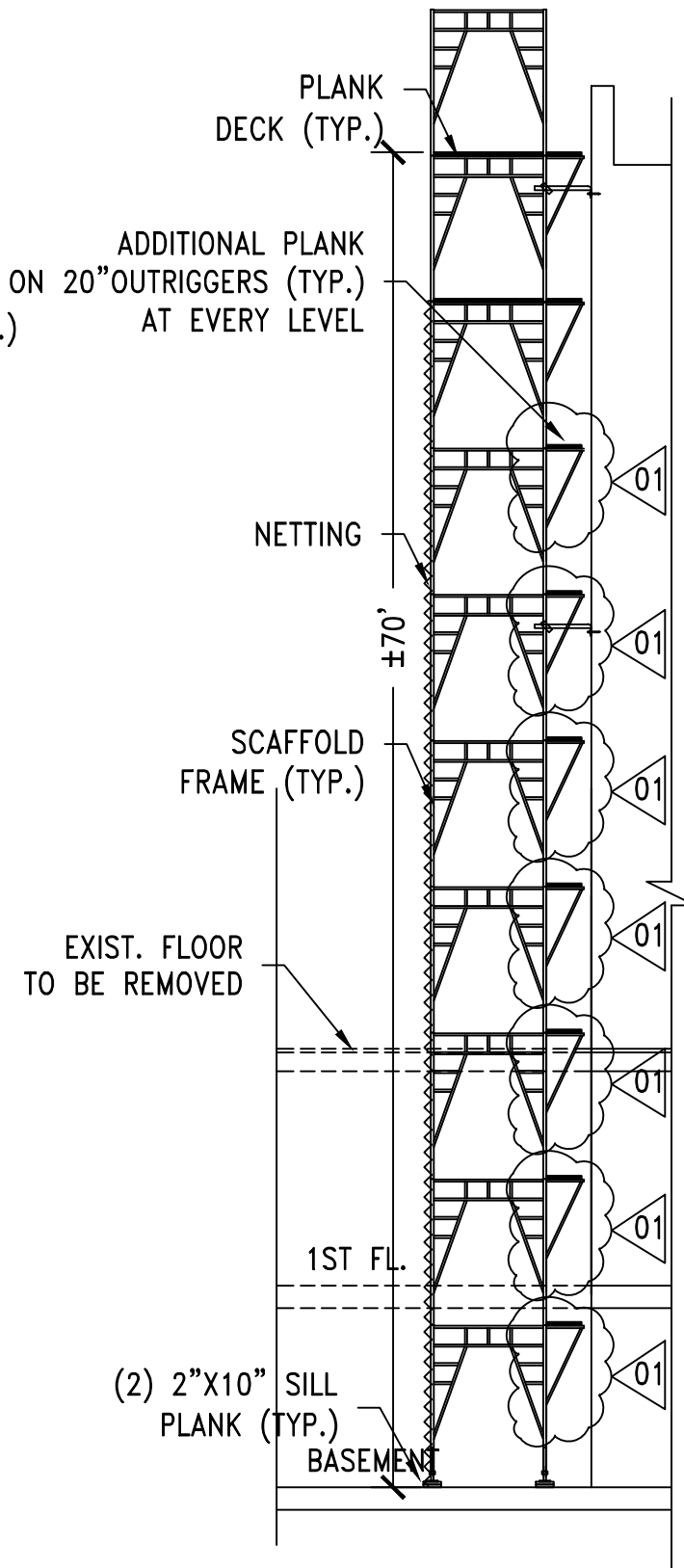
BLOCK: 1115  
LOT: 7  
ZONE: C1-9  
MAP: 8C

PROJECT:	235 EAST 69TH STREET NEW YORK, NY
TITLE:	SCAFFOLDING NOTES, PLOT PLAN & SECTION
INSTALLER:	METROPOLITAN ENTERPRISES INC. 499 VAN BRUNT Street BROOKLYN, New York, 11231
DATE:	02-11-11
PROJECT NO.:	2010-69S.1
DRAWING BY:	TU
CHK BY:	TU
DWG NO.:	EQ-001.01
B.S.A.#	362-44-SM
CAD FILE NO.:	1 OF 2
235E (2010-69S.1)	
REV. #01	REV. DATE: 9-29-11

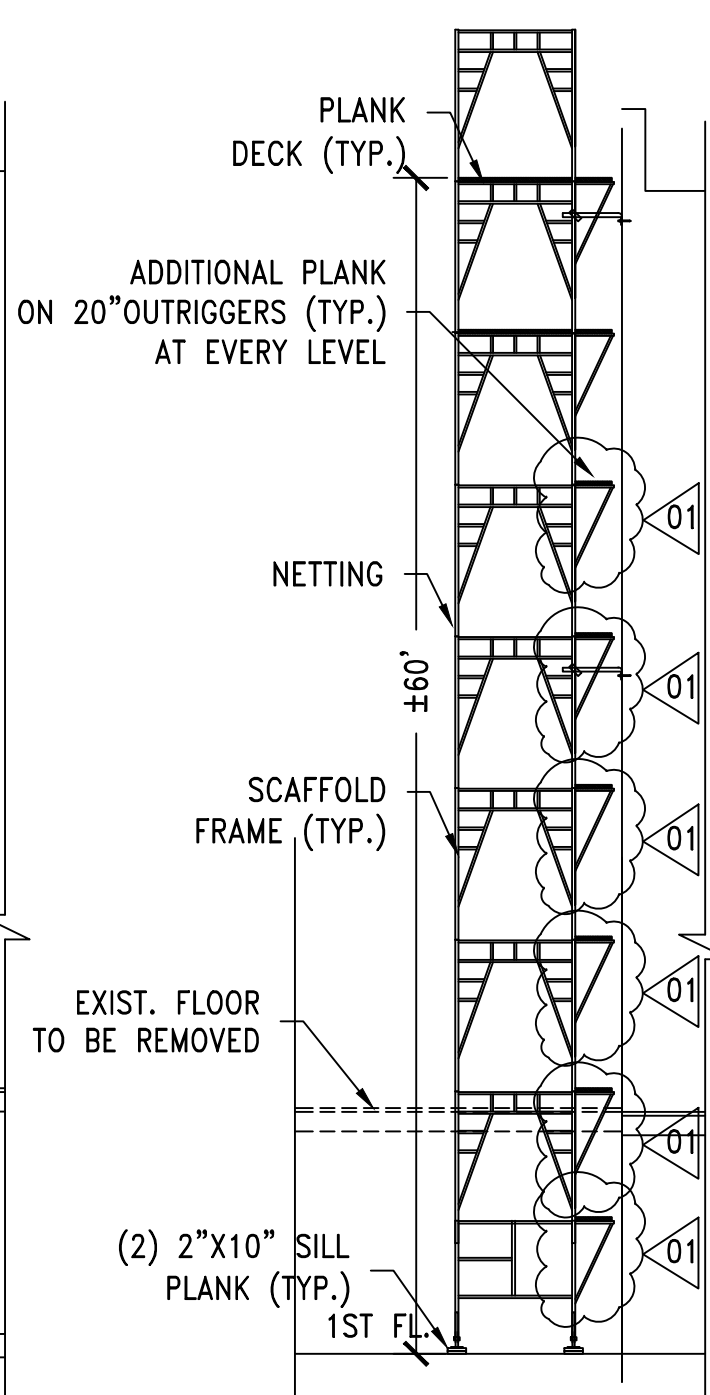




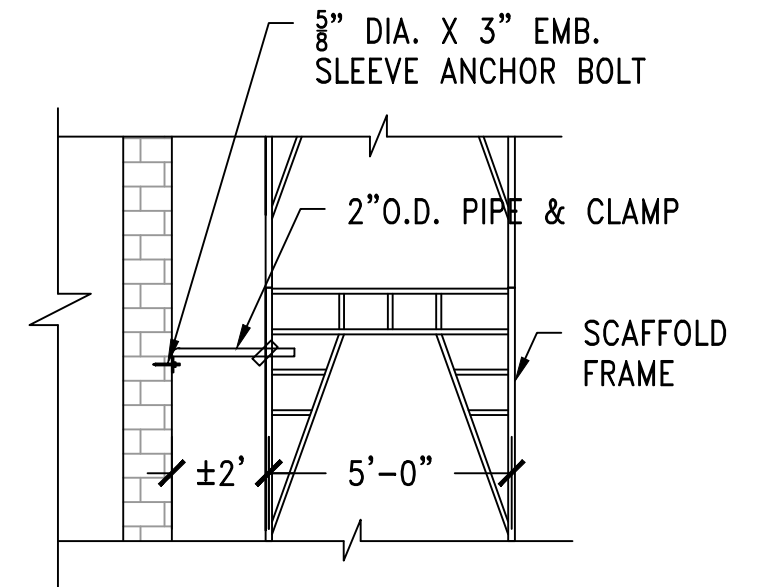
SECTIONAL VIEW B-B  
SCALE: N.T.S.



SECTIONAL VIEW C-C  
SCALE: N.T.S.



SECTIONAL VIEW D-D  
SCALE: N.T.S.



TYPICAL TIE-IN DETAIL  
N.T.S.

PROJECT:	235 EAST 69TH STREET NEW YORK, NY
TITLE:	SCAFFOLDING NOTES, PLOT PLAN & SECTION
INSTALLER:	METROPOLITAN ENTERPRISES INC. 499 VAN BRUNT STREET BROOKLYN, NEW YORK, 11231
DATE:	02-11-11
PROJECT NO.:	2010-69S.1
DRAWING BY:	TU
CHK BY:	TU
DWG NO.:	EQ-002.01
B.S.A.# 362-44-SM	
CAD FILE NO.:	2 OF 2
235E (2010-69S.1)	
REV. #01	REV. DATE: 9-29-11

