



KEY PLAN  
Scale : 1" = 50'

# 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.



8/21/11

No.		REVISIONS		BY
<p><b>HOWARD I. SHAPIRO &amp; ASSOCIATES</b>  CONSULTING ENGINEERS, P.C.  303 MERRICK ROAD, SUITE 400, LYNBROOK, N.Y. 11563  TEL. (516)791-2600 FAX (516)791-5425</p>				
<p>PROPOSED NEW SUBWAY  AT  2ND AVENUE AND E. 72ND ST. AND E. 69TH ST.</p>			<p>DEMOLITION WORK PLAN  FOR  BRANDENBURG INDUSTRIAL SERVICE COMPANY</p>	
<p>DATE: 7/7/11  SCALE: AS NOTED  DRAWN BY:  JOB:  FILE:</p>				
<p>SHEET 1  OF 2 SHEETS</p>				

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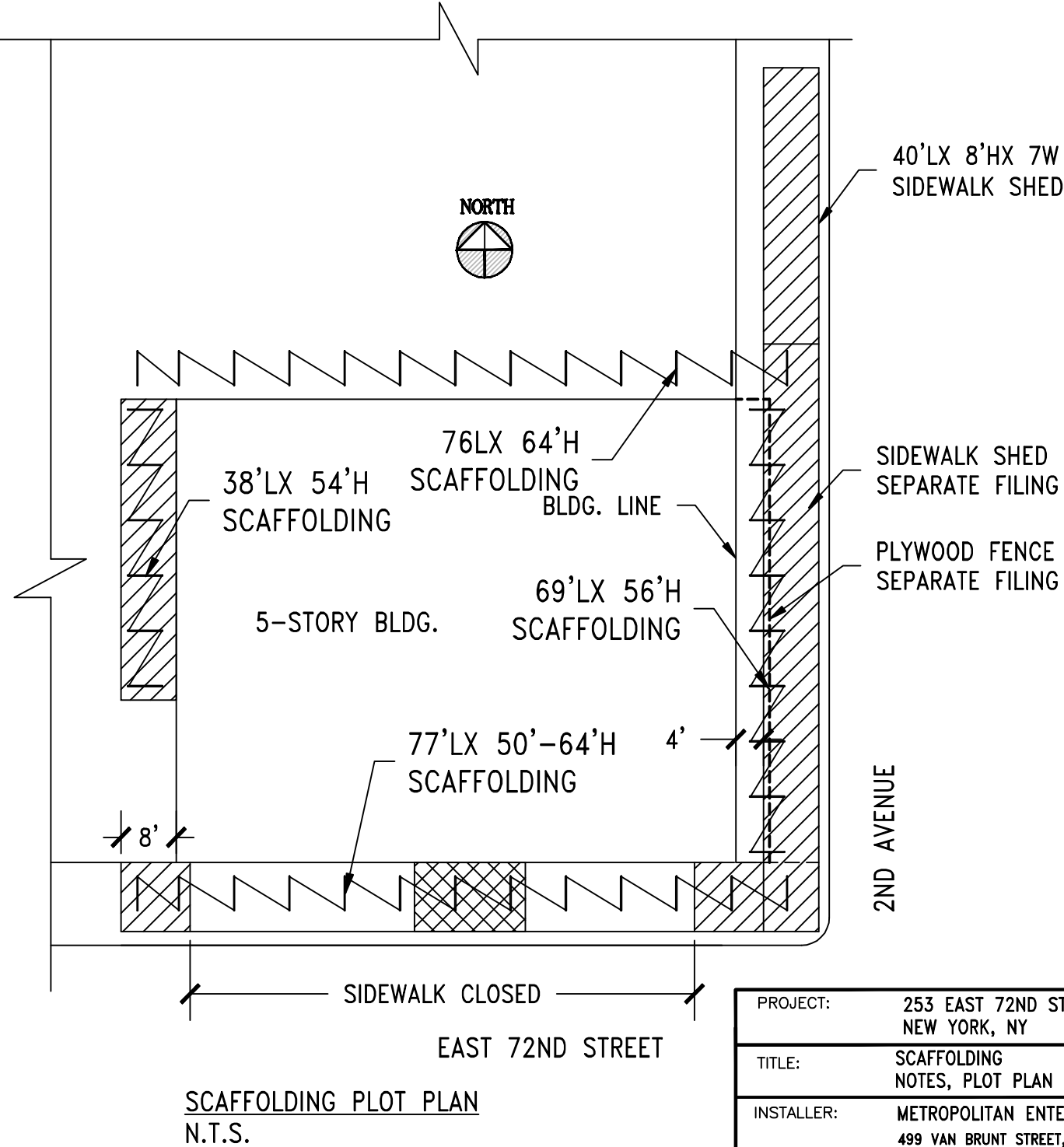
GENERAL NOTES– NYC SCAFFOLDING INSTALLATIONS

- A. BUILDING CODE CHAPTRE # 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 PLANL.  
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 TOEBOARD, GUARDRAILS, MIDRAILS, 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 INSPECTIONING 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 AGANIST 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 RESPONSIBLTY FOR STRUCTURAL STABILITY– STRUCTURED SAFETY IS LIMITED TO WORK DESCRIBED HEREIN UNDER HIS SIGN, SEAL AND PURVIEW.

- ADDITIONAL NOTES:
- THREE FULL LEVELS OF PLANK TO BE PROVIDED.
  - TIE– IN EVERY: 8’ MAX. HORIZONTAL, (EVERY BAY) & 19’ MAX VERTICAL, (EVERY 3RD FRAME)
  - STAIR TOWER ARE TO BE PROVIDED. LOCATION OF STAIR TOWERS TO BE DETERMINED BY GC.
  - FULL NETTING TO BE PROVIDED.

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

- ECCCNYS EXEMPT NOTES:
- 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



INSPECTION REQUIRED:

- STRUCTURAL STABILITY &
- FINAL INSPECTION

ZONING DATA

BLOCK: 1427  
LOT: 23  
ZONE: R10A  
MAP: 8C

PROJECT:	253 EAST 72ND STREET NEW YORK, NY		
TITLE:	SCAFFOLDING NOTES, PLOT PLAN & SECTION		
INSTALLER:	METROPOLITAN ENTERPRISES INC. 499 VAN BRUNT STREET, BROOKLYN NY 11231 TEL: (718) 383-3177		
SEAL & SIGNATURE	DATE:	2-14-11	
	PROJECT NO.:	2011-72S.1	
	DRAWING BY:	TU	
	CHK BY:	TU	
	DWG NO.:	EQ-001.01	
	B.S.A.#	362-44-SM	
CAD FILE NO.:		253E (2011-72S.1)	1 OF 2
REV.#		01	REV. DATE: 05-13-11

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ADDITIONAL NOTES:

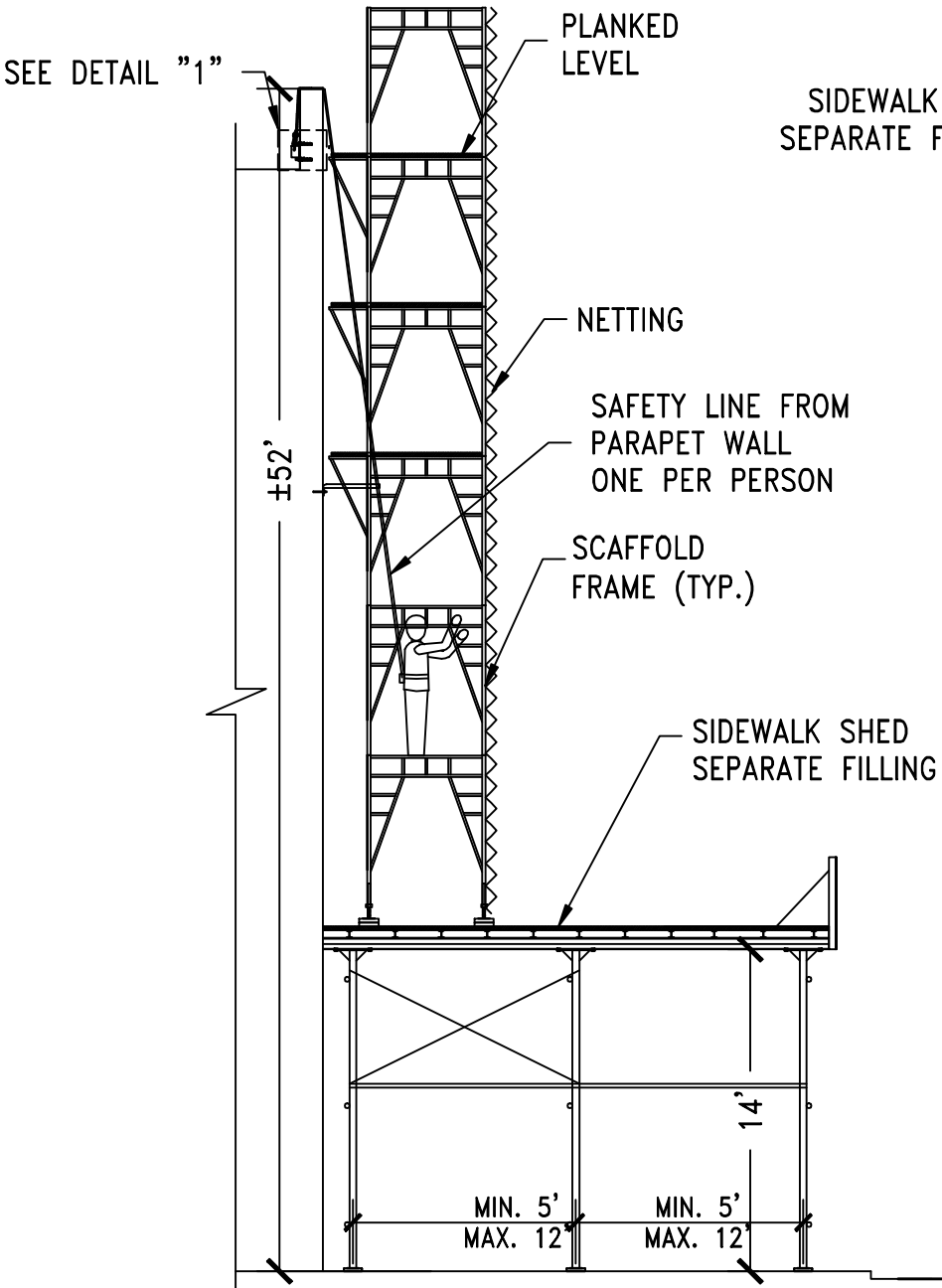
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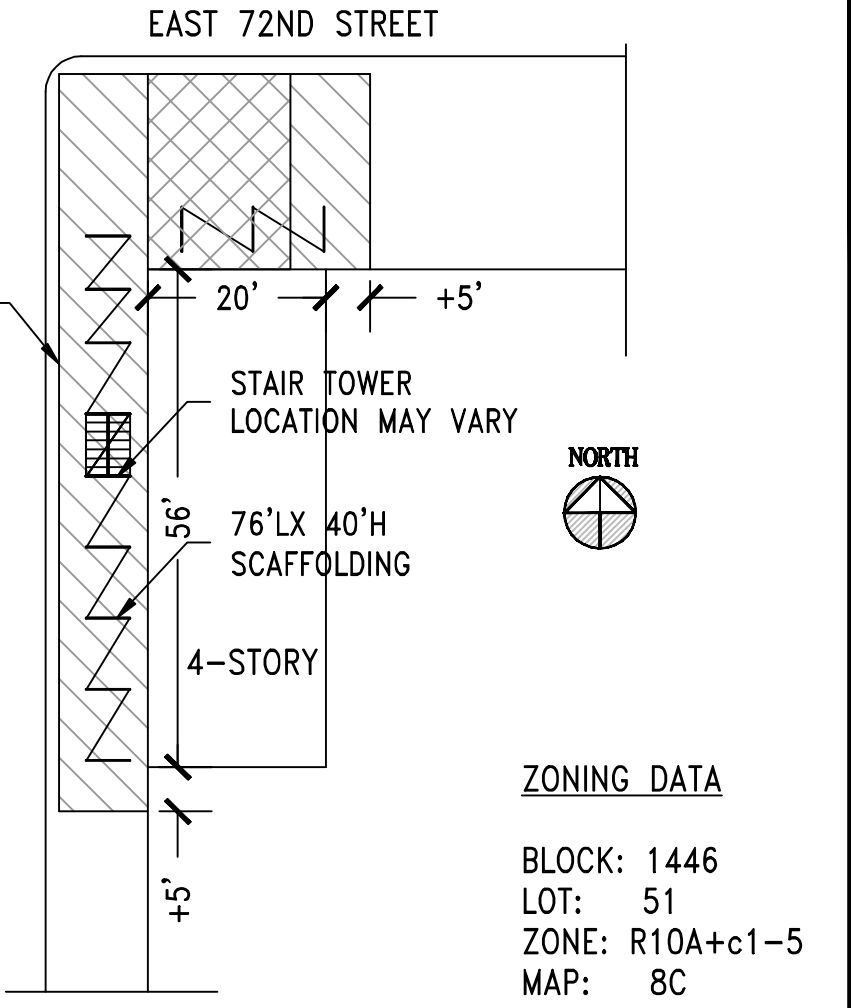


TYPICAL SECTIONAL VIEW @  
72ND ST. ELEV.

SCALE: 1/8" = 1'-0"

INSPECTION REQUIRED:

1. STRUCTURAL STABILITY &
2. FINAL INSPECTION

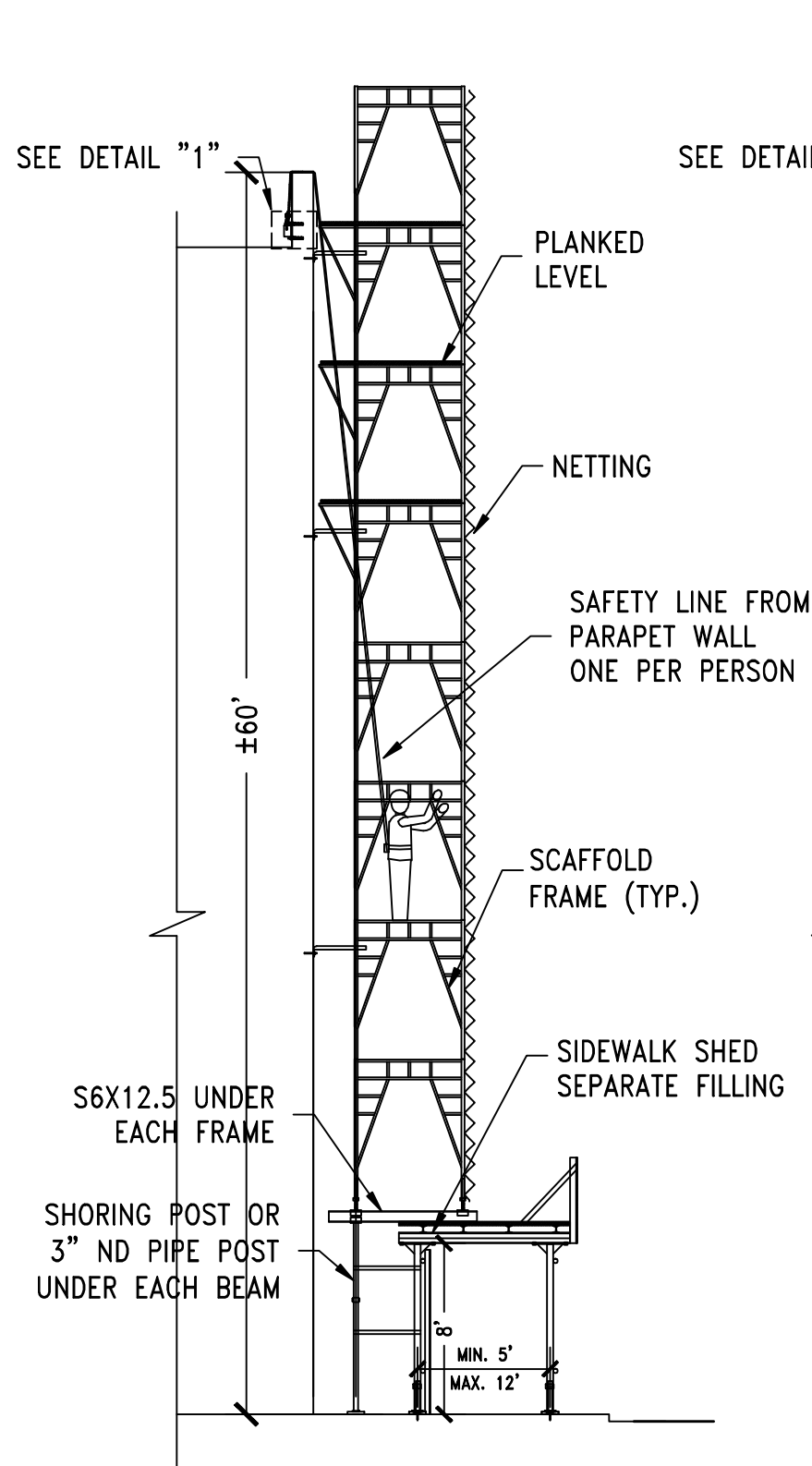


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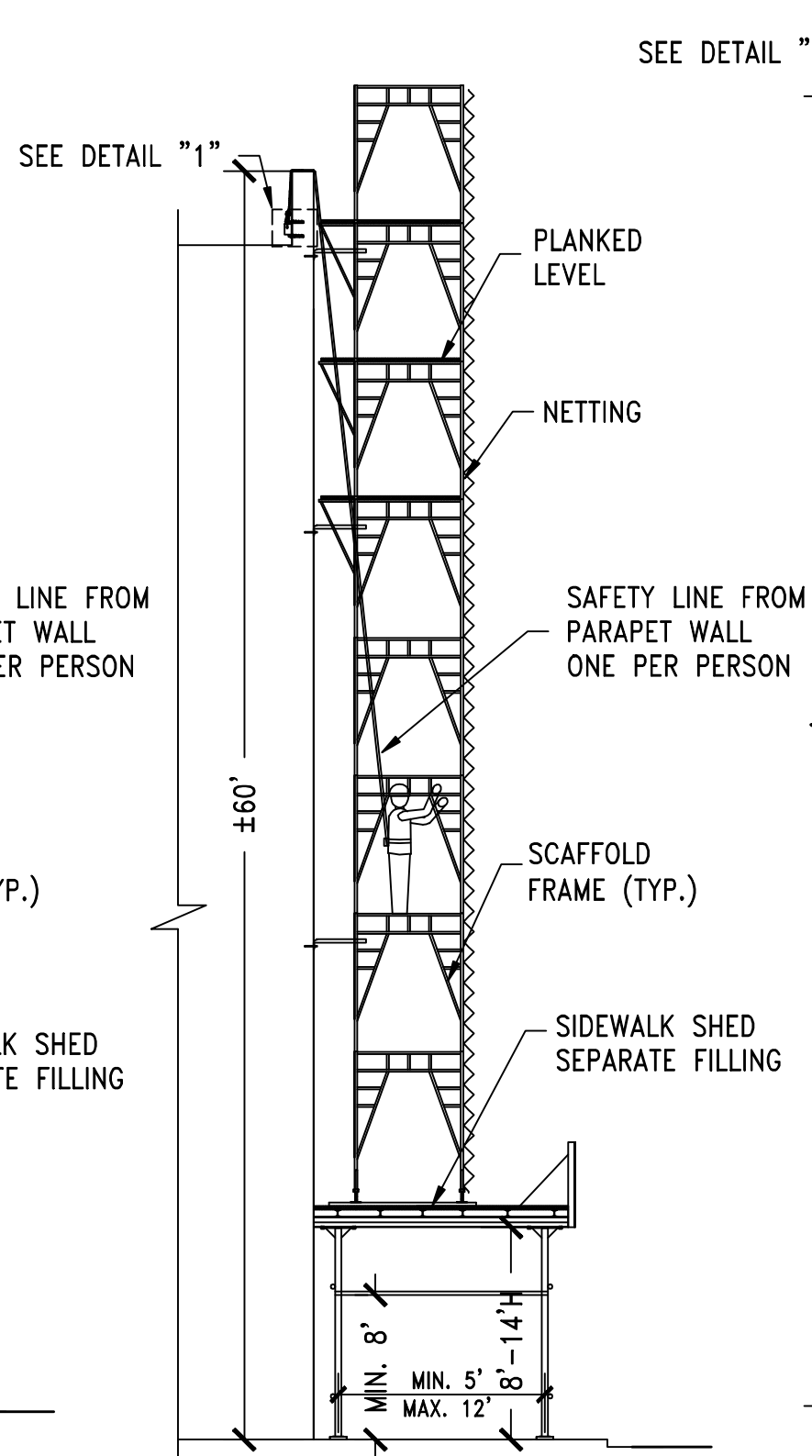
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ZONE: R10A+c1-5  
MAP: 8C

SCAFFOLDING PLOT PLAN  
N.T.S.

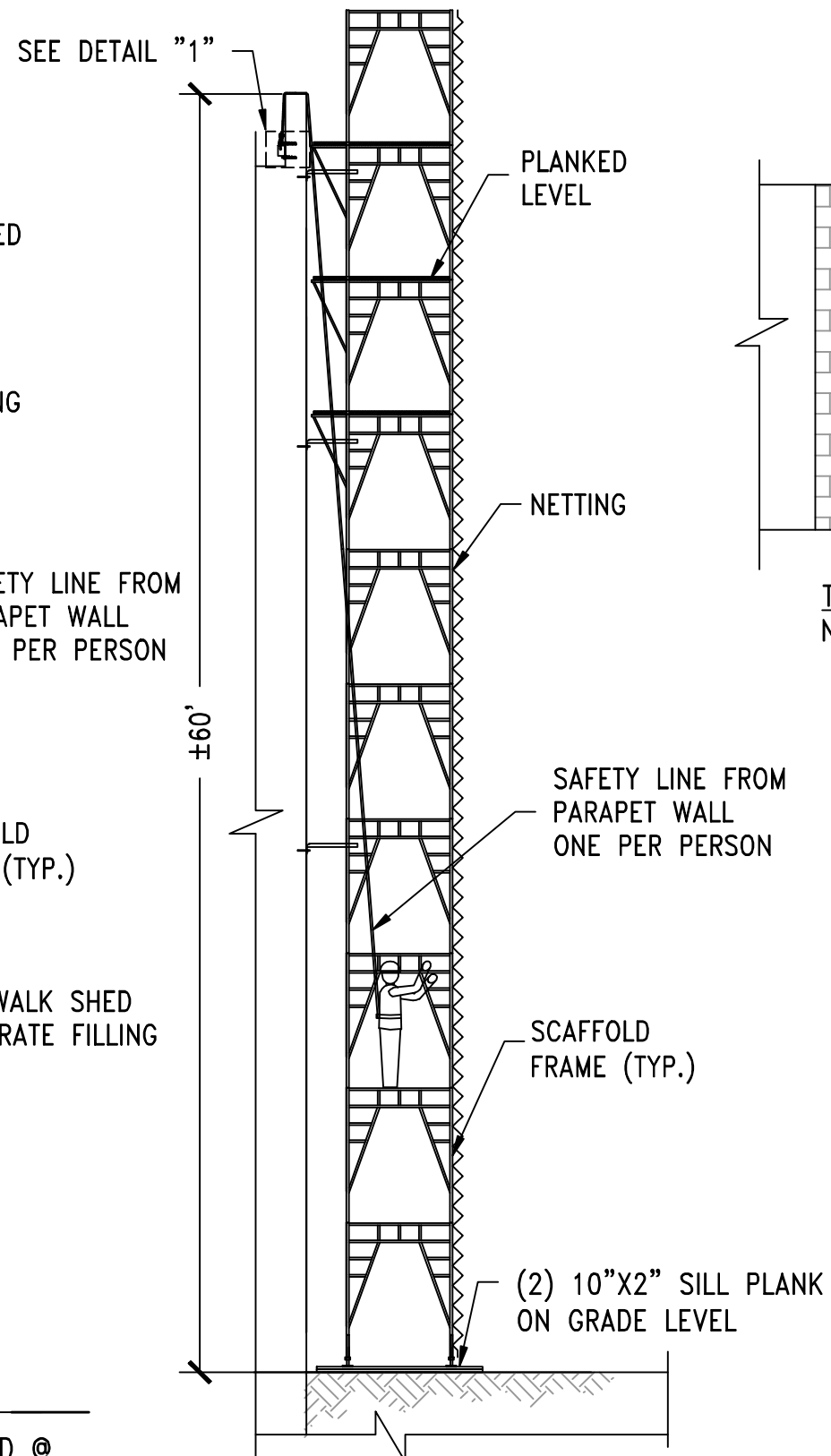
PROJECT:	300 EAST 72ND STREET NEW YORK, NY
TITLE:	SCAFFOLDING NOTES, PLOT PLAN & SECTION
INSTALLER:	METROPOLITAN ENTERPRISES INC. 499 VAN BRUNT STREET, BROOKLYN NY 11231 TEL: (718) 383-3177
SEAL & SIGNATURE	DATE: 2-14-11
PROJECT NO.:	2011-72S.1
DRAWING BY:	TU
CHK BY:	TU
DWG NO.:	EQ-001.01
B.S.A.#	362-44-SM
CAD FILE NO.:	300E (2011-72S.1)
REV. DATE:	1 OF 2



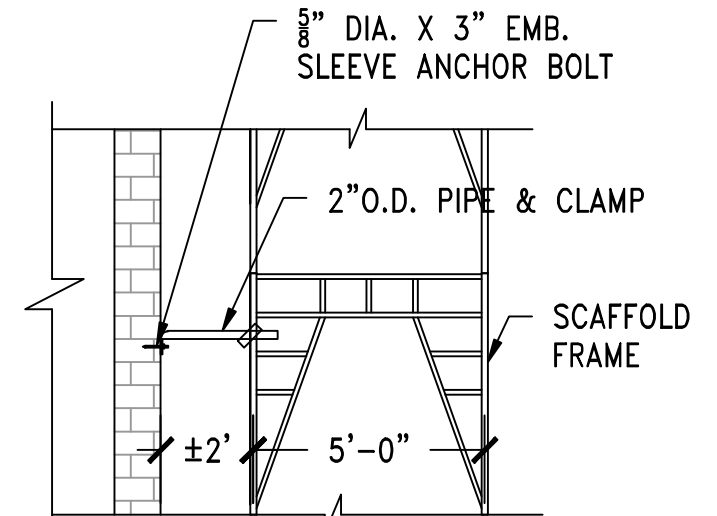
SECTIONAL VIEW OF SCAFFOLD @  
SHED AREA @ 2ND AVENUE ELEV.  
SCALE:  $\frac{1}{8}" = 1'-0"$



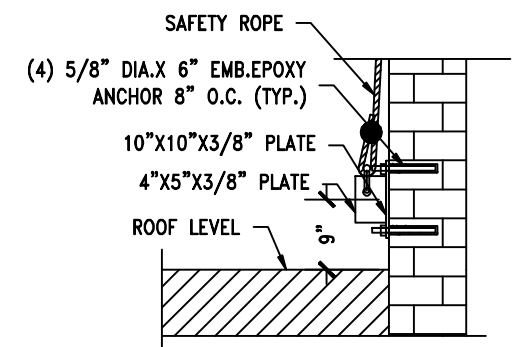
SECTIONAL VIEW OF SCAFFOLD @  
SHED AREA @ E 72ND & WEST ELEV.  
SCALE:  $\frac{1}{8}" = 1'-0"$



SECTIONAL VIEW OF SCAFFOLD  
@ GRADE AREA @ E 72ND ST.  
& NORTH ELEV.  
SCALE:  $\frac{1}{8}" = 1'-0"$

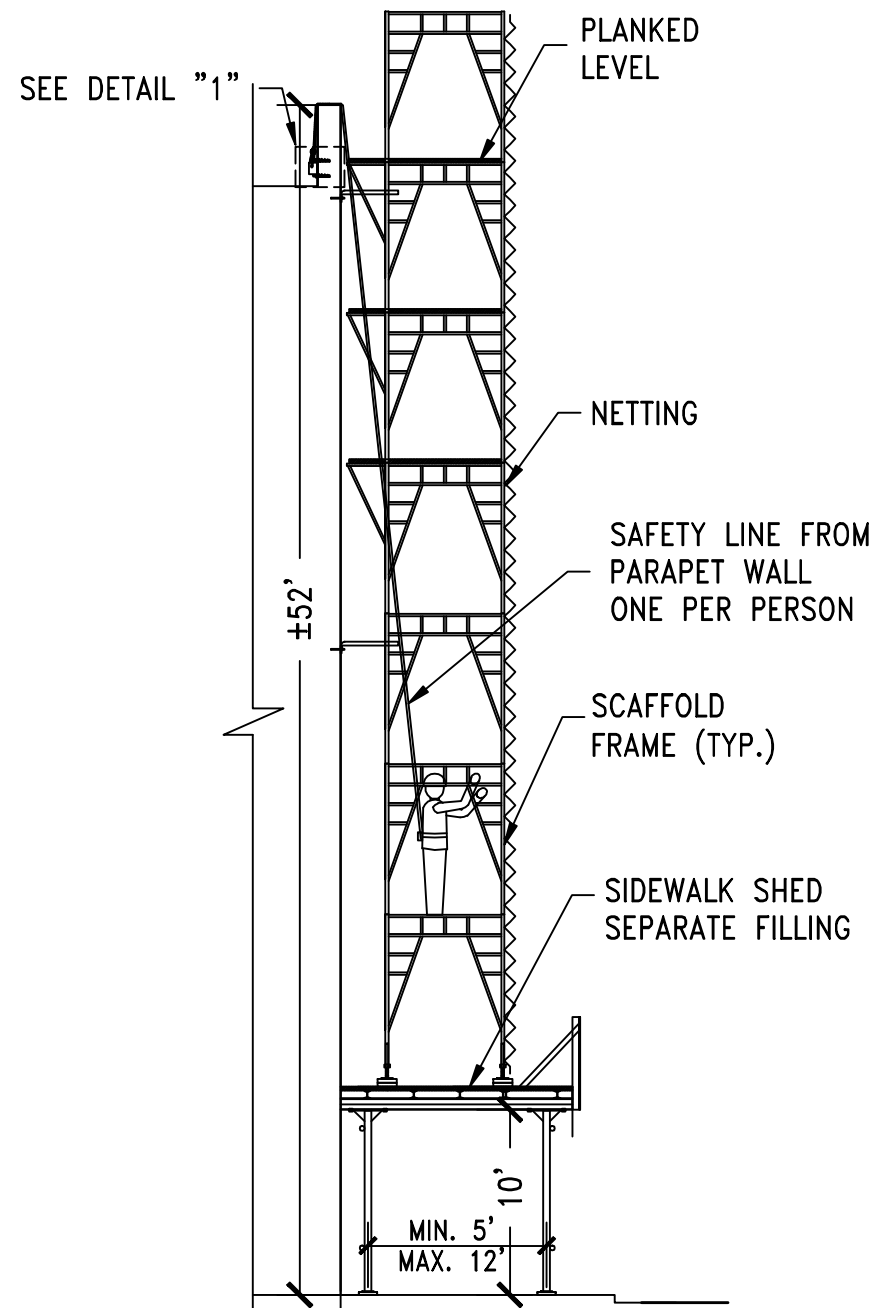


TYPICAL TIE-IN DETAIL  
N.T.S.

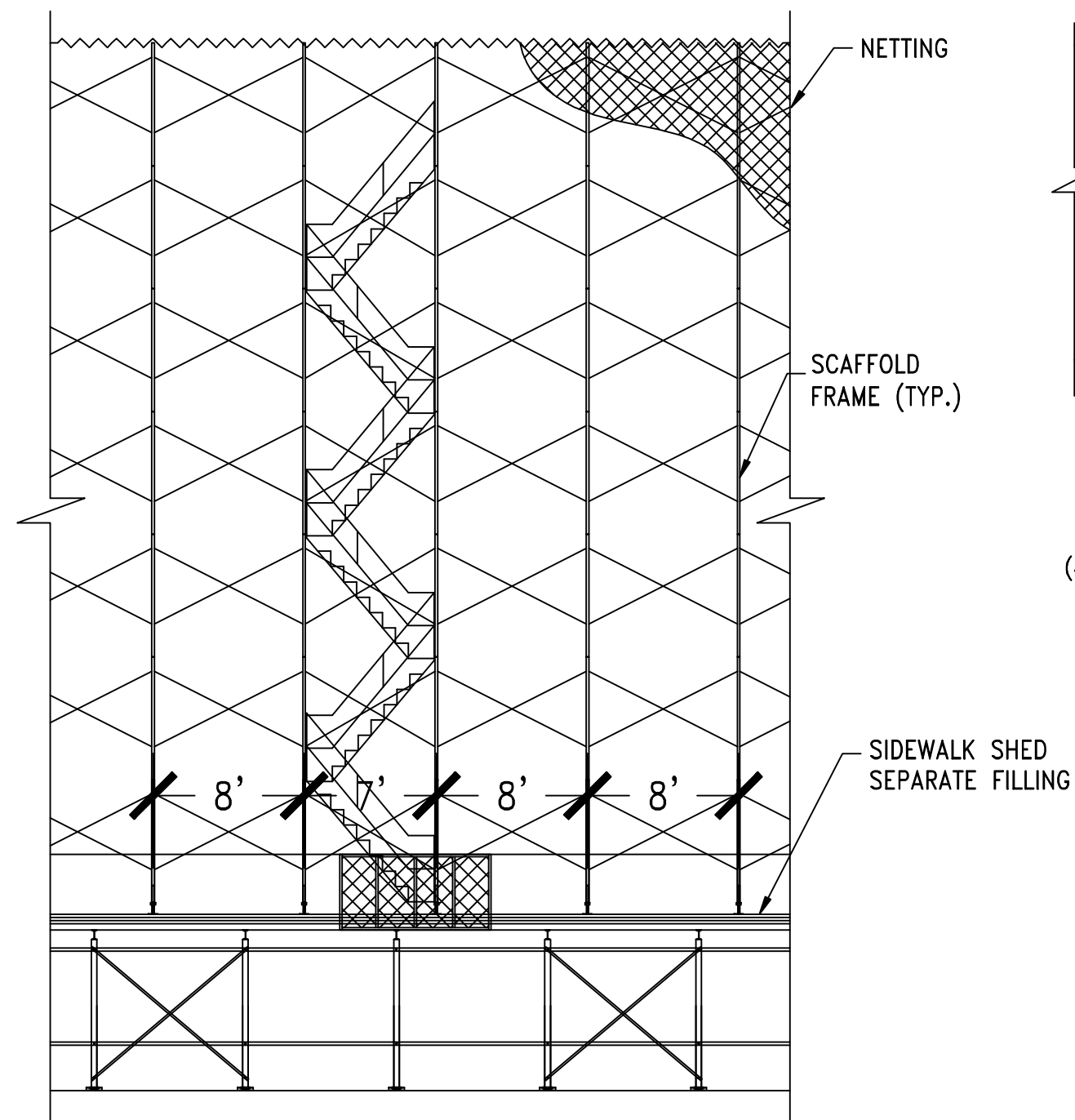


DETAIL "1"  
N.T.S.

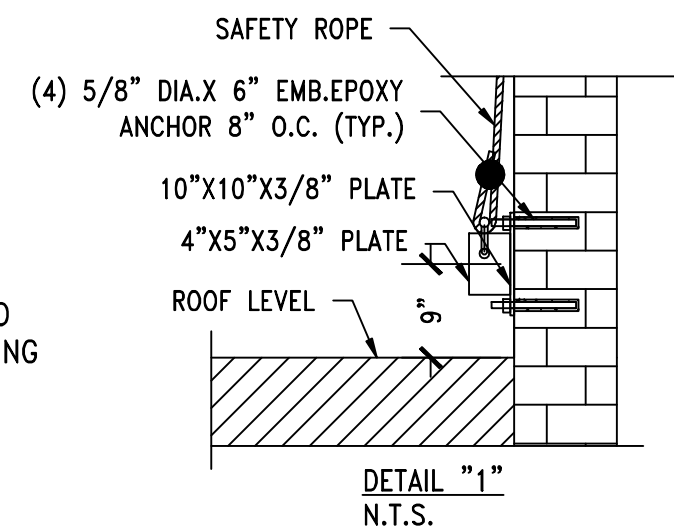
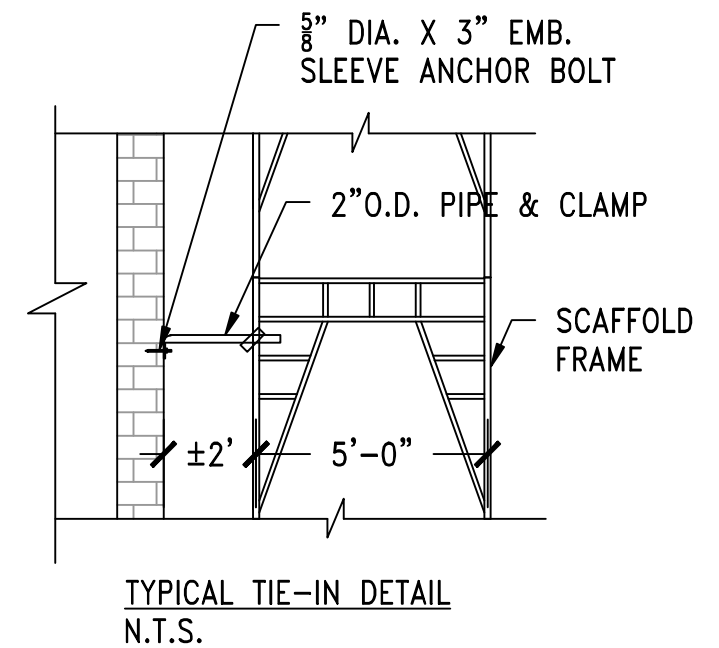
PROJECT: 253 EAST 72ND STREET NEW YORK, NY	
TITLE: SCAFFOLDING NOTES, PLOT PLAN & SECTION	
INSTALLER: METROPOLITAN ENTERPRISES INC. 499 VAN BRUNT STREET, BROOKLYN NY 11231 TEL: (718) 383-3177	
SEAL & SIGNATURE	DATE: 2-14-11
	PROJECT NO.: 2011-72S.1
	DRAWING BY: TU
	CHK BY: TU
	DWG NO.: EQ-002.01
	B.S.A.# 362-44-SM
CAD FILE NO.: 253E (2011-72S.1) 2 OF 2	
REV.# 01 REV. DATE: 05-13-11	




TYPICAL SECTIONAL VIEW @  
2ND AVE ELEV.  
SCALE:  $\frac{1}{8}$ " = 1'-0"



TYPICAL ELEVATION VIEW OF SCAFFOLD  
SCALE:  $\frac{1}{8}$ " = 1'-0"



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