

HOWARD I. SHAPIRO AND ASSOCIATES (H.I.S.) HAS PREPARED THIS SITE SAFETY PLAN TO DOCUMENT HOW THE BUILDING CODE CHAPTER 33 SHOULD BE APPLIED TO THE PARTICULAR SITE ACTIVITIES HEREIN DESCRIBED. THE ISSUE OF THIS PLAN SHALL NOT INFER ANY INVOLVEMENT OF H.I.S. IN MONITORING,SUPERVISION,INSPECTION OR MANAGEMENT OF ACTIVITIES AT THE SITE.

SITE SAFETY PLAN
101 MURRAY STREET NY, NY
(AKA 111 MURRAY STREET)
FOR
PLAZA CONSTRUCTION
NB-122132110-01

LIST OF DRAWINGS:		
SSP-001.13		TITLE SHEET
SSP-002.01	APPROVED	SITE SAFETY NOTES
SSP-003.01	APPROVED	TYP. DETAILS
SSP-004.03	APPROVED	EXCAVATION PHASE
SSP-005.01	APPROVED	SOE DETAIL
SSP-006.01	APPROVED	FOUNDATION PHASE
SSP-007A.00	APPROVED	ALTERNATE FOUNDATION/SUPERSTRUCTURE PHASE BELOW 75'H
SSP-007.00	APPROVED	FOUNDATION/SUPERSTRUCTURE PHASE BELOW 75'H
SSP-008.00	APPROVED	SUPERSTRUCTURE PHASE BELOW 75'H
SSP-009.08		TOP OFF PHASE
SSP-010.06		COCOON PLAN

DOB APPLICATION NOS.	
122132110	NB/FO/EXC.
122804830	CONSTRUCTION STORAGE ON TOP OF OVERHEAD PROTECTION
122908620	INSTALLATION OF SUSPENDED SCAFFOLD
123087827	INSTALLATION OF WORK PLATFORM
123087818	INSTALLATION OF A LOADING DOCK
122426455	SHED
122733131	SOUTH HOIST
122733140	NORTH HOIST
122715767	INSTALLATION OF ALTERNATIVE NETTING SYSTEM
122426981	FENCE
122132110	SOE

No	DATE	DESCRIPTION	BY


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CLIENT
PLAZA CONSTRUCTION LLC

PROJECT
101 MURRAY STREET NEW YORK,NY
(AKA 111 MURRAY STREET)

ZONING INFORMATION
BLOCK: 142 LOT: 100
ZONE: C6-4 ZONING MAP: 12b
COMM. BOARD: 101
BUILDING HEIGHT: 66 STORY 857FT,
BUILDING USE: RESIDENTIAL
BIN: 1001542

SITE SAFETY PLAN
FOR
PROPOSED NEW BUILDING

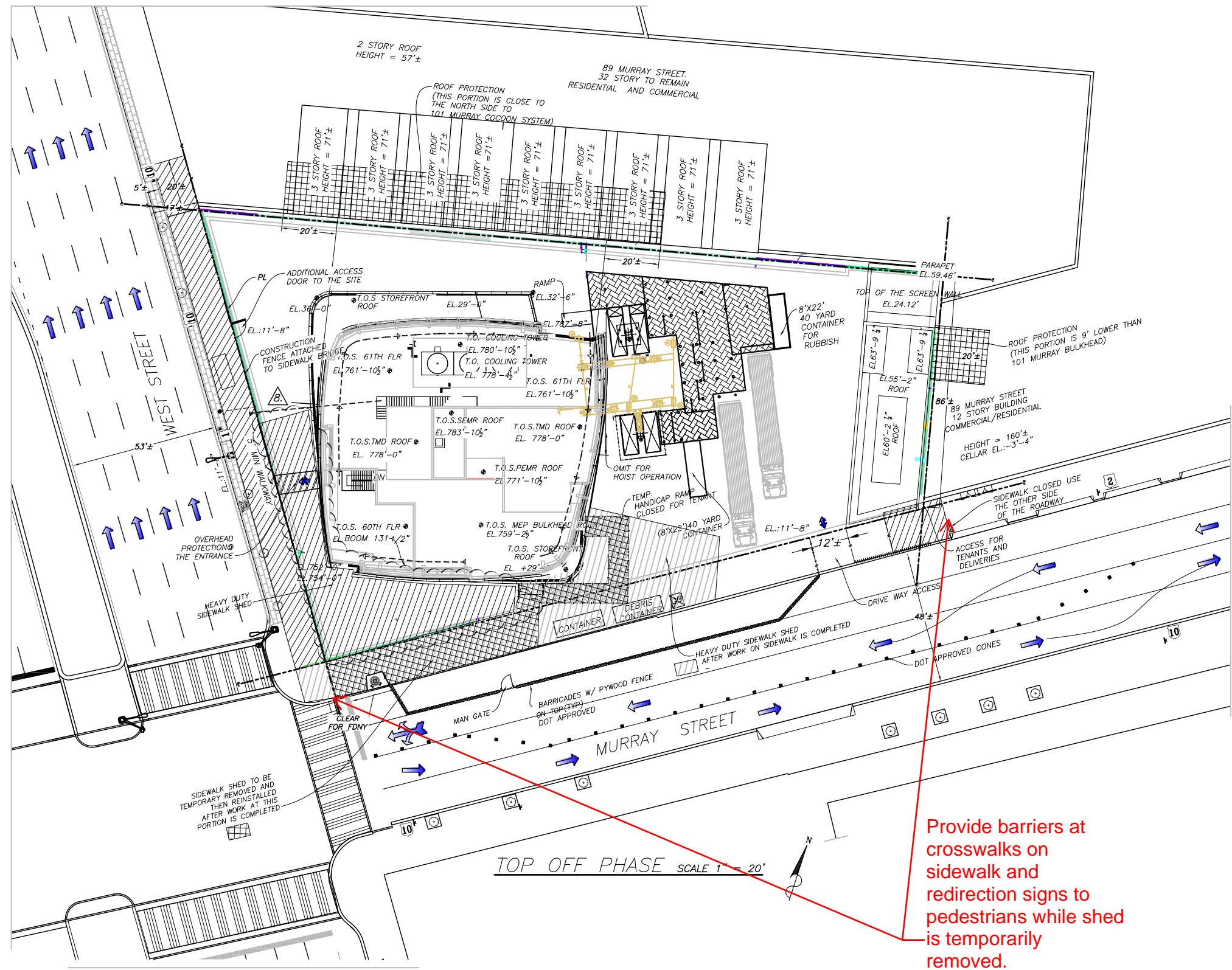
TITLE
TITLE SHEET

SEAL & SIGNATURE


John Young, RA
APPROVED
AMENDED PLAN
05/25/2018
BEST SSP

DRAWING BY: mnaSL DATE: 5/18/18
PROJECT NO: 14181.01.00 (05-18-18)S
ENGINEER:
SCALE:AS NOTED
CHK BY: DATE:
DWG NO:
SSP-001.13

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MATERIAL HANDLING PLAN AS REQUIRED RS18-7 SECTION 26.7
THIS WILL PERTAIN TO ALL RACK AND PINION HOISTS NOT JUST PERSONNEL HOISTS AND ALL CONSTRUCTION EQUIPMENT.

- BEFORE A LOADED BOOM IS SWING OVER A HOIST, THE HOIST CAGE(S) MUST BE BROUGHT DOWN TO ITS LOWEST LEVEL, AND EVERYONE MUST EXIT THE HOIST.
- AT NO TIME CAN ANY CONSTRUCTION EQUIPMENT COME WITHIN TWO FEET (24") OF ANY MOVING PART OF THE HOIST (EXCLUDING HOIST SETUP AND JUMPING OF THE HOIST).
- AT ANY TIME, IF ANY CONSTRUCTION EQUIPMENT COMES WITHIN FIFTEEN FEET OF THE HOIST, A PROTOCOL MUST BE ESTABLISHED. THIS IS A MINIMUM STANDARD. IF ANY EQUIPMENT IS TO BE USED WITHIN THE FIFTEEN FOOT BUFFER, IT MUST BE INCLUDED IN THE PLAN.
- ALL CRANE SIGNAL PERSONNEL AND HOIST OPERATOR(S) MUST BE IN RADIO COMMUNICATION WITH EACH OTHER DURING OPERATIONS WITHIN FIFTEEN FEET OF THE HOIST.
- WHENEVER A PIECE OF CONSTRUCTION EQUIPMENT COMES WITHIN FIFTEEN FEET OF THE HOIST, AT LEAST ONE SIGNAL PERSON MUST BE ASSIGNED TO THAT OPERATION.
- IF A LOADED BOOM IS SWING OVER A HOIST, SEE OPTION ONE, AND WHEN THE LOAD IS OFF THE BOOM, THE SIGNAL PERSON LETS THE HOIST OPERATOR KNOW THAT THEY CAN PROCEED AS NORMAL.
- IF ANY CONSTRUCTION EQUIPMENT IS TO BE PERMANENTLY LOCATED WITHIN 15' OF THE HOIST IT MUST BE LISTED IN THIS PROTOCOL. (STATE WHETHER OR NOT THIS IS THE CASE).

NOTES:

3304.4.3 FENCE
EVERY SITE WITH AN EXCAVATION SHALL BE ENCLOSED WITH A FENCE THAT MEETS THE REQUIREMENTS OF SECTION 3307.

3304.4 PROTECTION OF SIDES OF EXCAVATIONS
THE SIDES OF EXCAVATIONS SHALL BE PROTECTED IN ACCORDANCE WITH THE REQUIREMENTS OF SECTIONS 3304.4.1 THROUGH 3304.4.6.

3305.2.3 HANDLING AND STORING MATERIALS
STRUCTURAL STEEL MEMBERS SHALL NOT BE DROPPED, THROWN, OR DRAGGED. ALL STRUCTURAL STEEL MEMBERS SHALL BE SHIPPED AND HANDLED IN A MANNER TO AVOID INJURY TO PROTECTIVE COATINGS OR PERMANENT DEFORMATIONS OF THE MEMBERS. MATERIALS SHALL BE PROTECTED AGAINST DAMAGE AND CORROSION THAT RESULTS IN A LOSS OF SECTION. ANY INJURY TO PROTECTIVE COATINGS SHALL BE REPAIRED. THE APPLICATION OF FIREPROOFING, THE PLACEMENT OF CONCRETE AROUND THE STEEL, OR ANY OTHER ACTION THAT WOULD OTHERWISE CONCEAL THE STEEL, ANY LOSS OF SECTION, BENDS, CRIMPS OR OTHER EVIDENCE OF PERMANENT DEFORMATIONS SHALL BE STRENGTHENED BY METHODS COMPLYING WITH THE REGISTERED DESIGN PROFESSIONAL OF RECORD OR THE PIECE SHALL BE REJECTED.

3307.2.1 OBSTRUCTION OF STREETS OR SIDEWALKS
THE REQUIREMENTS OF THE DEPARTMENT OF TRANSPORTATION SHALL APPLY WITH REGARD TO THE CLOSING OF STREETS OR SIDEWALKS, OR TO THE OBSTRUCTION OF ANY PART THEREOF.

3307.2.6 REQUIREMENTS FOR SIDEWALKS, TEMPORARY WALKWAYS, FOOT BRIDGES, AND PATHWAYS. SIDEWALKS, WALKWAYS, FOOT BRIDGES, AND PATHWAYS THAT REMAIN OPEN TO THE PUBLIC SHALL BE ACCESSIBLE AND SHALL BE PROVIDED WITH:

- A CLEAR PATH, FREE OF OBSTRUCTION, AT LEAST 5 FEET (1524 MM) IN WIDTH;
- A DURABLE WALKING SURFACE CAPABLE OF SUPPORTING ALL IMPOSED LOADS AND IN NO CASE SHALL THE DESIGN LIVE LOADS BE LESS THAN 150 POUNDS PER SQUARE FOOT (732.3 KG/M2);
- MIRRORS AT ALL BLIND CORNERS;
- FOR A TEMPORARY WALKWAY OR FOOT BRIDGE WHERE THERE IS A CHANGE IN ELEVATION ALONG THE WALKWAY OR FOOTBRIDGE, A RAMP WITH A RUNNING SLOPE NOT STEEPER THAN ONE UNIT VERTICAL IN 12 UNITS HORIZONTAL (8-PERCENT SLOPE) WITH A LEVEL LANDING AT LEAST 5 FEET LONG AT THE TOP AND BOTTOM OF EACH RUN;
- FOR A TEMPORARY WALKWAY OR FOOT BRIDGE WHERE THE RUNNING SLOPE OF SUCH WALKWAY OR FOOT BRIDGE IS STEEPER THAN ONE UNIT VERTICAL IN 20 UNITS HORIZONTAL (5-PERCENT SLOPE) AND THERE IS A TOTAL RISE GREATER THAN 6 INCHES (152 MM), HANDRAILS.

EXCEPTION:
WHERE IT IS NOT POSSIBLE TO PROVIDE THE CLEAR PATH TO THE EXTENT REQUIRED BY ITEM NUMBER 1 ABOVE, THE SIDEWALK, OR PATHWAY SHALL BE KEPT OPEN TO THE EXTENT REQUIRED BY THE DEPARTMENT OF TRANSPORTATION AS WELL AS COMPLY WITH APPLICABLE PROVISIONS OF THE ADA ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES AND/OR THE ADA ACCESSIBILITY GUIDELINES FOR PEDESTRIAN FACILITIES IN THE PUBLIC RIGHT-OF-WAY, AS APPLICABLE.

3303.7.5 STANDPIPE SYSTEMS
STANDPIPE SYSTEMS SHALL MEET THE REQUIREMENTS OF SECTION 3303.8.

3309.10 PROTECTION OF ROOFS
WHENEVER ANY BUILDING IS TO BE CONSTRUCTED OR DEMOLISHED ABOVE THE ROOF OF AN ADJOINING BUILDING, IT SHALL BE THE DUTY OF THE PERSON CAUSING SUCH WORK TO PROTECT FROM DAMAGE AT ALL TIMES DURING THE COURSE OF SUCH WORK AND AT HIS OR HER OWN EXPENSE THE ROOF, SKYLIGHTS, OTHER ROOF OUTLETS, AND EQUIPMENT LOCATED ON THE ROOF OF THE ADJOINING BUILDING, AND TO USE EVERY REASONABLE MEANS TO AVOID INTERFERENCE WITH THE USE OF THE ADJOINING BUILDING DURING THE COURSE OF SUCH WORK, PROVIDED SUCH PERSON CAUSING SUCH WORK IS AFFORDED A LICENSE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 3309.2 TO ENTER AND INSPECT THE ADJOINING BUILDING AND PERFORM SUCH WORK THEREON AS MAY BE NECESSARY FOR SUCH PURPOSE. OTHERWISE, THE DUTY OF PROTECTING THE ROOF, SKYLIGHTS, OTHER ROOF OUTLETS, AND EQUIPMENT ON THE ROOF OF THE ADJOINING BUILDING SHALL DEVOLVE UPON THE OWNER OF SUCH ADJOINING BUILDING. ADJOINING ROOF PROTECTION SHALL BE SECURED TO PREVENT DISLODGE BY WIND. WHERE CONSTRUCTION OR DEMOLITION WORK OCCURS AT A HEIGHT OF AT LEAST 48 INCHES (1219 MM) ABOVE THE LEVEL OF THE ADJOINING ROOF, ADJOINING ROOF PROTECTION SHALL CONSIST OF 2 INCHES (51 MM) OF FLAME-RETARDANT FOAM UNDER 2 INCHES (51 MM) OF FLAME-RETARDANT WOOD PLANK LAID TIGHT AND COVERED BY FLAME-RETARDANT PLYWOOD, OR SHALL CONSIST OF EQUIVALENT PROTECTION ACCEPTABLE TO THE COMMISSIONER, AND SHALL EXTEND TO A DISTANCE OF AT LEAST 20 FEET (508 MM) FROM THE EDGE OF THE BUILDING BEING CONSTRUCTED OR DEMOLISHED.

3309.11 PROTECTION OF TREES
NO TREES OUTSIDE THE PROPERTY LINE WITHIN THE PUBLIC RIGHT-OF-WAY SHALL BE DISTURBED OR REMOVED WITHOUT THE PERMISSION OF THE COMMISSIONER OF THE DEPARTMENT OF PARKS AND RECREATION. PROTECTION MEETING THE REQUIREMENTS OF THE DEPARTMENT OF PARKS AND RECREATION SHALL BE PROVIDED FOR ALL SUCH TREES, AND WRITTEN NOTIFICATION SHALL ALSO BE MADE TO THE DEPARTMENT OF PARKS AND RECREATION AT LEAST 48 HOURS PRIOR TO COMMENCEMENT OF SUCH WORK.

3314 SCAFFOLDS
SCAFFOLDS UTILIZED IN CONJUNCTION WITH THE CONSTRUCTION OR DEMOLITION OF A BUILDING OR STRUCTURE SHALL BE ERECTED AND MAINTAINED SO THAT THE SAFETY OF PUBLIC AND PROPERTY WILL NOT BE ENDANGERED BY FALLING MATERIAL OR EQUIPMENT, OR BY COLLAPSE OF THE SCAFFOLD.

3316 HOISTING EQUIPMENT
HOISTING EQUIPMENT SHALL MEET AND BE USED IN ACCORDANCE WITH THE REQUIREMENTS OF THIS SECTION. MATERIAL HOISTS AND BUCKET HOISTS SHALL ALSO MEET THE REQUIREMENTS OF SECTION 3317. PERSONNEL HOISTS SHALL ALSO MEET THE REQUIREMENTS OF SECTION 3318, AND CRANES AND DERRICKS SHALL ALSO MEET THE REQUIREMENTS OF SECTION 3319.

3317 MATERIAL HOIST AND BUCKET HOIST
MATERIAL HOISTS AND BUCKET HOISTS SHALL MEET THE REQUIREMENTS OF THIS SECTION AND SECTION 3316.

3318 CRANE AND DERRICKS
THE CONSTRUCTION, INSTALLATION, INSPECTION, MAINTENANCE AND USE OF CRANES AND DERRICKS SHALL BE IN CONFORMANCE WITH THE REQUIREMENTS OF THIS SECTION, SECTION 3316, AND WITH RULES PROMULGATED BY THE COMMISSIONER.

LEGEND	
	PARKING REGULATION SIGN
	SIAMESE CONNECTION
	LAMP POST
	TIMBER BARRIER
	TREE
	GUARD RAIL
	EXCAVATION LINE
	FENCE
	CONE
	PUBLIC INFO SIGNS
	JERSEY BARRICADE
	SIDEWALK SHED
	ROOF PROTECTION
	LOADING DOCK
	GUARD BOOTH
	SCAFFOLDING LADDER

No	DATE	DESCRIPTION	BY
1.		OVERHEAD PROTECTION, FENCE SHIFT	I.S.
2.		ROOF PROTECTION	
3.		HORIZONTAL NETTING @ 17TH FLOOR	I.S.
4.		HORIZONTAL NETTING LOCATION	
5.		PLASTIC BARRICADE	I.S.
6.		SWING STAGE W/ DETAIL	I.S.
7.		NO OCCUPANCY ON WEST STREET	
8.		OVERHEAD PROTECTION ON WEST STREET	I.S.
9.		PEDESTRIAN WALKWAY AND RAMP	
10.		ON MURRAY STREET: CONTAINER NEXT TO HOIST	
11.		SHED ON MURRAY STREET TEMPORARILY REMOVED	I.S.
12.		FOR SIDEWALK RENOVATION, AND REINSTALLED	

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ZONING INFORMATION	
BLOCK: 142 ZONE: C6-4 COMM. BOARD: 101 BUILDING HEIGHT: 66 STORY 857FT, BUILDING USE: RESIDENTIAL BIN: 1001542	LOT: 100 ZONING MAP: 12b

SITE SAFETY PLAN FOR PROPOSED NEW BUILDING	
TITLE	
TOP OFF PHASE	
SEAL & SIGNATURE	DRAWING BY: <i>WMSL</i> DATE: 9/18/18
	PROJECT NO: 14181.01.00 (05-18-18)JS
	ENGINEER:
	SCALE: AS NOTED
	CHK BY: DATE:
	DWG NO: SSP-009.08
	10 OF 11