1568 BROADWAY
NEW YORK, NEW YORK
SUPPORT OF EXCAVATION

LANGAN

DRAWING LIST

DRAWING TITLE
SOE-001 1988 BROADWAY PROJECT PHASING SHEET
SOE-002 SUPPORT OF EXCAVATION TITLE SHEET AND DRAWING LIST
SOE-003 SUPPORT OF EXCAVATION GENERAL NOTES
SOE-004 NEW YORK CITY TRANSIT AUTHORITY NOTES
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SOE-102 EXISTING BUILDING AND SUBSURFACE EXPLORATION PLAN
SOE-103 HOWARD SHAPRO DEMOLITION PLAN
SOE-104 SUPPORT OF EXCAVATION AND HOWARD SHAPRO DEMOLITION PLAN
SOE-105 URBAN FOUNDATION THEATRE DEMOLITION PLAN
SOE-106 SUPPORT OF EXCAVATION AND URBAN FOUNDATION THEATRE DEMOLITION PLAN
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SOURCE: NYCCT MAP - FBX - CITY WIDE DB

SITE MAP

N.T.S.

PHASE-3: EXCAVATION AND BRACING OF CAISSONS WHILE EXCAVATION

1568 Broadway
New York, NY 10036

Sheet Title
SUPPORT OF EXCAVATION TITLE SHEET

Project Number
SOE-002

Architect
PBOW Architects

Engineer
PBOW Architects

Survey
PBOW Architects

Number

Soil Number

SOE-002.00
APPROVED

Under Directive 2 of 1975

Date: 04/25/2018

Roxane Tsirigotis, RA

PHASE 3: EXCAVATION AND BRACING OF CASSONS WHEN EXCAVATING
APPROVED
Under Directive 2 of 1975
Date:
Roxane Tsirigotis, RA
04/25/2018
APPROVED
Under Directive 2 of 1975
Date:
Roxane Tsirigotis, RA
04/25/2018
APPROVED
Under Directive 2 of 1975
Date:
Roxane Tsirigotis, RA
04/25/2018
**SUPPORT OF EXCAVATION**

<table>
<thead>
<tr>
<th>ROCK ANCHOR</th>
<th>DESIGN LOAD (KIP)</th>
<th>ANCHOR DIAMETER (IN.)</th>
<th>BAR LENGTH (Ft)</th>
<th>BOLT LENGTH (IN.)</th>
<th>ANGLE (DGR)</th>
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**NOT FOR CONSTRUCTION**

**PHASE 3: EXCAVATION AND BRACING OF CAISSONS WHILE EXCAVATING**

**DETAILED INFORMATION**

1. **BEAM PLATES** are for permanent steel beams to carry the loads from the rock to the temporary supports.
2. **BEAM PLATES** shall be used for temporary steel beams to carry the loads from the rock to the temporary supports.
3. **SUPPORT PLATES** shall be used for temporary steel beams to carry the loads from the rock to the temporary supports.
4. **BEARING WALLS** shall be used for temporary steel beams to carry the loads from the rock to the temporary supports.
5. **BEARING WALLS** shall be used for temporary steel beams to carry the loads from the rock to the temporary supports.
6. **BEARING WALLS** shall be used for temporary steel beams to carry the loads from the rock to the temporary supports.
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10. **BEARING WALLS** shall be used for temporary steel beams to carry the loads from the rock to the temporary supports.

**IN PROGRESS DRAFT**

**SCE-501.00**

Sheets 18/19