APPROVED
Under Directive 2 of 1975

Clara Gomez
04/03/2017:

NOTE: 1. FOR BALANCE OF NOTES SEE DWG FO-100. 2. ALL ADDITIONAL REINF SHALL BE CENTERED ON WALL OR COLUMNS UON.
3. FOR PARALLEL REINF CALLED OUT WITH SAME REBAR LAYER, PLACE REINF ALTERNATELY.

TYPICAL PILE CAP REINF LAYOUT

REBAR CALLOUT

SPECIAL PILE CAP (SFC-156) REINFORCEMENT

QUANTITY
REBAR SIZE
REBAR SPACING
REBAR CALLOUT

130 WILLIAM STREET
PROPERTY OWNER LLC
460 PARK AVE, 13TH FLOOR
NEW YORK, NY 10022
TEL. (212) 616.9971

THE LIGHTSTONE GROUP
6' - 0"
130 WILLIAM STREET
ADDRESSES:
NEW YORK, NEW YORK 11201

ADJAYE ASSOCIATES
415 Broadway, 3rd Fl.
New York, NY  10013

GEOTECH DESIGN CORP.
62 West 45th Street, 11th Floor
New York, NY  10036

WEINTRAUB DIAZ, LLC
19 New Street
New York, NY  10001

JP BRIAN ORTER LIGHTING DESIGN
30 New Street
New York, NY 10001

AKRF ENGINEERING PC
440 Park Avenue South, 7th Fl.
New York, NY 10016

INTEGRATED AQUATICS
75 Shewell Ave
New York, NY 10001

BMT FLUID
630 Johnson Avenue, Suite 7
New York, NY  10018

BRIAN ORTER LIGHTING DESIGN
6'-0" THK

PROVIDE #5@12 STIRRUP TYPE 6

VENTROP EGC, LLC
6' - 0"

PROVIDE 1.3Ld SIDE LAP SPLICE FOR OUTERMOST LAYER T1 & B1

RA CONSULTANTS, LLC
6'-0" THK

P4B

PROVIDE #5@12 STIRRUP TYPE 6

INTEGRATED AQUATICS
6'-0" THK

WEINTRAUB DIAZ, LLC
6'-0" THK

BRIAN ORTER LIGHTING DESIGN
6'-0" THK

AKRF ENGINEERING PC
6'-0" THK

INTEGRATED AQUATICS
6'-0" THK

BRIAN ORTER LIGHTING DESIGN
6'-0" THK
IF 12" > OPENING > 6":

AD (1)#5 EA. FACE AS SHOWN AS EA. OPENING

CONCRETE SLAB (REFER TO PLAN)

CENTER 1/3 OF BEAM CLEAR SPAN

ALLOWABLE HORIZONTAL RANGE

#4@12"

HORIZONTAL BARS T&B (TYPICAL)

FOR PENETRATIONS

NOTE:

ALL PENETRATIONS WITHIN BEAMS MUST BE AT A CONSTANT ELEVATION (AS SHOWN)

(3)#6x5'-0"LG

(3) ADD'L STIRRUPS

STIRRUPS

AT 2", ES TOP STEEL

TYPICAL

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NOTE:
130 WILLIAM STREET

NEW YORK CITY PUBLIC WORKS DEPARTMENT

CONSTRUCTION MANAGER AND ENGINEER

APPROVED

Under Directive 2 of 1975

12. RA CONSULTANTS PERSONNEL ARE NOT 40-HR OSHA TRAINED AND CANNOT PROPOSED DESIGN CHANGES SHALL CONSIST OF SIGNED AND SEALED BARRIERS AND FENCING AROUND SITE MUST BE PROVIDED BY CONTRACTOR IN LOCATION OF EXISTING AND PROPOSED CONDITIONS INCLUDING BUT NOT LIMITED TO:

- Use of heavy construction equipment
- Observed movements of the support of excavation or other structural elements

Contractor shall comply with Building Bulletin #2009-2011.

INCREASE OR DECREASE THE SOIL/GROUT BOND ZONE AND/OR DIAMETER TO

CONCRETE OR GROUT SHALL BE PLACED CONTINUOUSLY FOR THE FULL DEPTH OF THE SOIL DATA OBTAINED FROM:

- Jack, no less than 5 percent of the tie-backs shall be performance proof tested using a calibrated center hole
- All tie-backs shall be proof tested using a calibrated center hole
- The use of machine utilizing air for soil removal will not be saved for 56 day testing if the previous cylinders fail to meet design strength requirements.

GROUNDED EQUIPMENT COULD RESULT IN BURNING OF THE STEEL.

WILLIAM STREET

Nyack, NY 10960

VENTROP EGC, LLC

365 W 34th Street, 3rd Fl.

06/22/2016

TELEPHONE NUMBER (646) 252-5517

SUPPORT OF EXCAVATION AND NYCT NOTES

SOE-001.00

PROJECT NO.

03/01/2016

PROJECT NUMBER

11 Broadway, Suite 1700

WIND TUNNEL CONSULTANT

Tel (631) 589.6353 Fax (631) 589.8705

WILLIAM STREET

Nyack, NY 10960

Landscape Architect

180 Varick St., Suite 506

WILLIAM STREET

Nyack, NY 10960

11/23/15
APPROVED
Under Directive 2 of 1975

121192903

04/03/2017:

ES946197100

12.

SHIM, WEDGE AND DRYPACK "E" PIERS.

CONSTRUCT "B" PIERS AND WAIT TO CURE.

CONSTRUCT "A" PIERS. LEAVE POCKETS AT PROPER TIE-BACK LOCATIONS.

VERTICAL AND HORIZONTAL

#5 @ 12" O.C.

HAND EXCAVATED SHEETED PIT (TYP.)

4'-6" MAX. UNSUPPORTED

SOE-300

1 MAX.

3" THICK TIMBER

SEE PLAN AND SECTIONS

VALUE 3 TONS/SQ.FT

4,000 PSI

3.

USE WIDTH OF FOOTING

SEE SECTIONS

4'-6" MAX. UNSUPPORTED

5

BOX JOINTS

1.

NOTES:

3-6

2.

USE TIGHT TIMBER SHEETING TO FORM PIT.

WEDGE OR JACK AND WEDGE BASED ON UNDERPINNING SEQUENCE (SOE-100)

5

5

16

16

. UNLESS OTHERWISE NOTED.

SHALL BE MINIMUM 6'-0" SLAB.

TOP OF HEEL BLOCK SHALL ADJACENT FOOTING OR EXISTING FOOTING "A" PINS FIRST

SEE PLANS - MAX. 3'-0"

PLATE

#5 @ 12" EACH FACE

3"X6" SHEAR

3" MIN.

SIDE STEEL

SIDE STEEL

UNDERPINNING JACKING ELEVATION

VARIES, SEE SECTIONS.

UNDERPINNING AND JACKING SEQUENCE

FOR PLATES AND WEDGES.

REMOVE JACKING POCKET FORM AND STYROFOAM POSSIBLE WITH GROUT PUMPED INTO THE VOIDS.

LEVELING GROUT SHALL CONSIST OF CEMENT AND STEEL REQUIRED IF REQUESTED BY ENGINEER.

CLEAN BOTTOM OF EXISTING FOOTING. IF BOTTOM OF CEMENT.

SHALL BE SMOOTH AND LEVEL.

THE LINTEL BEAM.

UNDERPINNING AND JACKING EQUENCE

IMMEDIATELY STOP ADJACENT PIERS.

PLACE AND DRIVE WEDGES BETWEEN STEEL TOP PLATES 2-FT ON CENTER AND SHALL BE CENTERED UNDER THE FOOTING OR LINTEL BEAM.

INSTALL STEEL BOTTOM PLATE (SEE DETAIL)

INSTALL STEEL SIDE PLATES (SEE DETAIL)

DRY PACK JACKING POCKET SIDES AND FILL JACKING VOID FOR PLATES AND WEDGES USING REQUIRED SHEETING AND BRACING.

EXCAVATE PIT AND SIMULTANEOUSLY PLACE BETWEN STEEL PLATES AND UNDERPINNING PIER.

AT TIE-BACK LOCATION (SEE SECTIONS FOR LOCATION AND LOADS)

LEVEL VIBRATE. IF LINTEL BEAM IS CONSTRUCTED, PROVIDE SUPPORT OF EXCAVATION WALL BEYOND.

CENT PLATES OVER EACH OTHER

12'-0" TYP.

12" TYP.

30"X2'-6"X

7.

8.

5.

4.

3.

2.

1.

PIER CONSTRUCTION SEQUENCE:

PREPARE SUBGRADE FOR INSPECTION.

PLACE AND DRIVE WEDGES BETWEEN STEEL TOP PLATES 2-FT ON CENTER AND SHALL BE CENTERED UNDER THE FOOTING OR LINTEL BEAM.

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