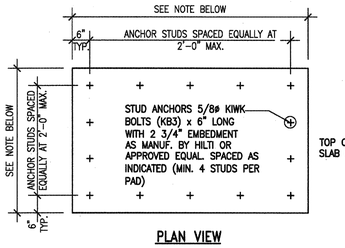
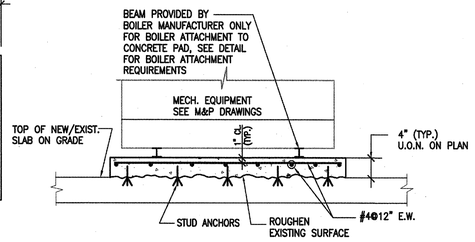


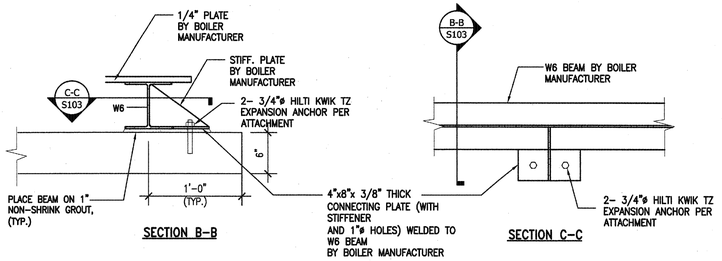
PLAN VIEW



SECTION

NOTES:
1. PROVIDE #4 @12" E.W. T&B FOR CONCRETE PAD THICKNESS AT OR GREATER THAN 8" THICK.
2. PROVIDE #4 @12" E.W. T&B WITH STANDARD HOOK ON BOTH ENDS FOR ANY CONCRETE PAD THICKNESS AT OR GREATER THAN 12" THICK.

1 / S103 CONCRETE EQUIPMENT PAD
N.T.S.

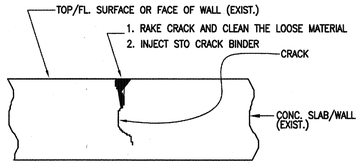


SECTION B-B

SECTION C-C

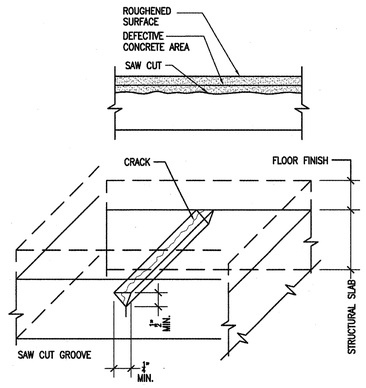
NOTE:

1. FOR SIZE AND LOCATION OF EQUIPMENT , SEE MECHANICAL, P&D AND ELECTRICAL DRAWINGS. FINAL SIZE AND LOCATION OF EQUIPMENT PAD TO BE DETERMINED BY CONTRACTOR AND COORDINATED WITH APPROVED EQUIPMENT MANUFACTURER.
2. EXISTING PADS NOT REQUIRED FOR NEW WORK AND EQUIPMENT LAYOUT NEED TO BE DEMOLISHED BY CONTRACTOR AND SURFACE TO BE REPARED TO MATCH THE EXISTING SURROUNDING CONDITION AND PAINTED AS REQUIRED.



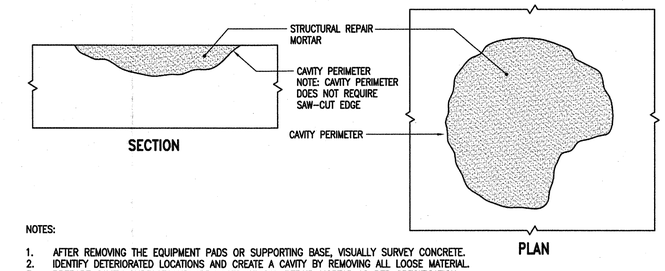
NOTES:
1. APPLY THIS DETAIL FOR REPAIRING CONCRETE FOUNDATION WALLS AND/OR CONCRETE FLOOR SLAB
2.. FOLLOW MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS WHILE PERFORMING THE REPAIR WORK.
3. SUBMIT CATALOG, SPECIFICATIONS AND SAMPLES FOR SCA REVIEW.

2A / S103 CONCRETE CRACK REPAIRS (BY INJECTION)
N.T.S.



NOTES:
1. APPLY THIS DETAIL FOR REPAIRING CONCRETE FOUNDATION WALLS AND/OR CONCRETE FLOOR SLAB.
2. FOLLOW MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS WHILE PERFORMING THE REPAIR WORK.
3. SUBMIT CATALOG, SPECIFICATIONS AND SAMPLES FOR SCA REVIEW.
4. TOTAL QUANTITY – 100LF.

2B / S103 CONCRETE CRACK REPAIRS (BY SAW CUT)
N.T.S.

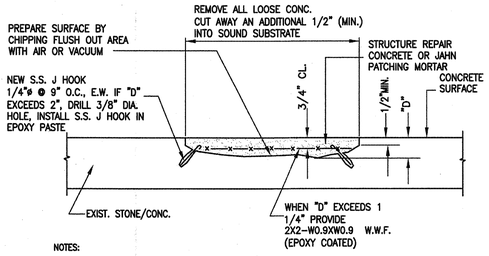


SECTION

PLAN

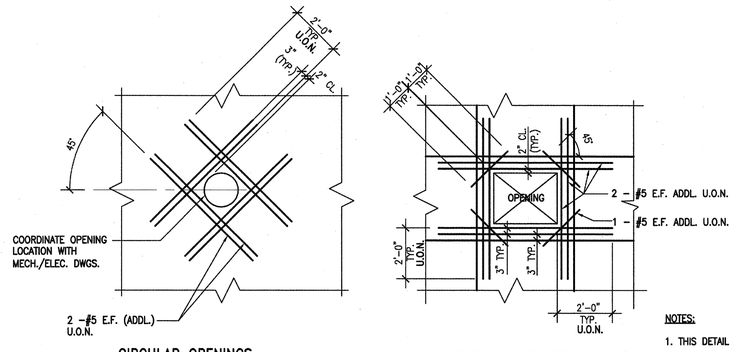
NOTES:
1. AFTER REMOVING THE EQUIPMENT PADS OR SUPPORTING BASE, VISUALLY SURVEY CONCRETE.
2. IDENTIFY DETERIORATED LOCATIONS AND CREATE A CAVITY BY REMOVING ALL LOOSE MATERIAL.
3. PREPARE CAVITY SURFACE AND APPLY STRUCTURAL REPAIR MORTAR AS PER SPECIFICATION.
4. APPLY THIS DETAIL FOR REPAIRING CONCRETE FLOOR SLAB AND/OR WALL.
5. FOLLOW MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS WHILE PERFORMING THE REPAIR WORK.
6. SUBMIT CATALOG, SPECIFICATIONS AND SAMPLES FOR SCA REVIEW.
7. TOTAL QUANTITY – 200SF.

3A / S103 REPAIR OF DETERIORATED CONCRETE
N.T.S.



NOTES:
1. REPAIR TO MATCH THE EXISTING CONCRETE IN COLOR, SHAPE AND TEXTURE.
2. CLEAN ALL CRACKED AND/OR SPALLING SURFACE DOWN TO THE SOUND SUBSTRATE PRIOR TO APPLYING THE MORTAR MIX.
3. APPLY THE MORTAR MIX USING A TROWEL IN A SERIES LIFTS WITH A MAXIMUM THICKNESS OF 3". FOR STONE CONCRETE, USE STRUCTURAL REPAIR MORTAR.
4. BUILD UP PATCHING MATERIAL SLIGHTLY ABOVE ADJACENT MASONRY SURFACE.
5. APPLY THIS DETAIL FOR REPAIRING CONCRETE FLOOR SLAB AND/OR WALL.
6. FOLLOW MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS WHILE PERFORMING THE REPAIR WORK.
7. SUBMIT CATALOG, SPECIFICATIONS AND SAMPLES FOR SCA REVIEW.
8. TOTAL QUANTITY – 200SF.

3B / S103 TYPICAL SURFACE PATCHING DETAILS
N.T.S.



CIRCULAR OPENINGS

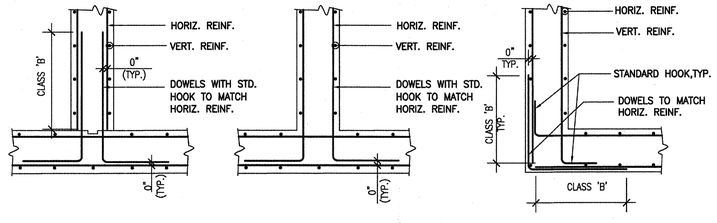
RECTANGULAR OPENINGS

NOTES:
1. THIS DETAIL APPLIES TO ANY OPENING.

NOTE:

FOR WALL & SLAB REINFORCEMENT, SEE SECTIONS/DETAILS.

4 / S103 TYPICAL DETAIL OF ADDITIONAL REINFORCEMENT AT OPENINGS
N.T.S.



INTERSECTION

CORNER

5 / S103 CONCRETE WALL/CURB INTERSECTION DETAILS
N.T.S.

President & CEO
Lorraine Grillo

Board of Trustees
Chancellor Carmen Fariña, Chairperson
Curtis A. Harris
Emily A. Youssouf

SCA NYC School Construction Authority

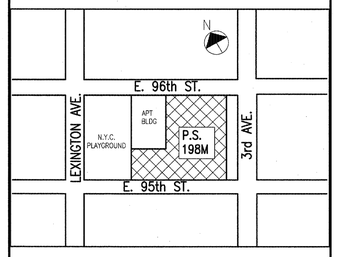
Architecture & Engineering
E. Bruce Barrett, R.A. LEED A.P., Vice President
Eton R. Abneri, P.E., Senior Director, Design Consultant Management
Stanley Dahir, R.A., Director, Quality Control & Construction Support
María A. Gómez, P.E., LEED A.P., Director, A&E In-House Design
George D. Roussey, P.E., LEED A.P., Director, Technical Standards
Stacey Spann-Thom, Director, Operations Support

NOTE: Drawing may be printed at reduced scale

IT IS A VIOLATION OF THE STATE EDUCATION LAW SECTION 7209 (2) FOR ANY PERSON TO ALTER AN ITEM IN ANY WAY UNLESS SUCH PERSON IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, AND THE ENGINEER STAMPS SUCH CHANGES

No.	Date	Revision

Key Plan:



Block #1524 Lot #23

SCA Design Manager:	JOSE, BAEZ PE
Project Architect/Engineer:	ZYGMUNT JAGIELLO, PE
Discipline Lead:	ANA GO, P.E.
Designer:	ANA GO, P.E.
Drawn by:	M. ADHIKARI
Checked by:	S. TOUSSI, P.E.

Design No or LLW No.:	Facility Code:	Date:
D015402	M198	01/15/2014

Project:
P.S. 198, MANHATTAN
PLANYC BOILER CONVERSION AND CLIMATE CONTROL
Address:
1700 3RD AVENUE
MANHATTAN, NY 10128

Drawing Title:
CONCRETE SECTIONS AND DETAILS

Drawing No.:
S103.00

Sheets in Contract Set:
11 of 59

Sheets in DOB Set:
11 of 40

J:\Design\m\M198\D015402\Dwgs\s\dwg set\S103.dwg 03/06/14 - 10:01am 026876