B.O. ΑD SHEET METAL BLANK OFF ACCESS DOOR

CFM EXHAUST FAN CUBIC FEET PER MINUTE

DUCT SYMBOLS

EXHAUST DUCT SECTION OR FLUE

ABBREVIATIONS

- Ξ
- ELEVATION EXHAUST

- ALL WORK SHALL COMPLY WITH AND BE INSTALLED IN ACCORDANCE WITH NEW YORK CITY BUILDING CODE AND CODES HAVING JURISDICTION OVER THE WORK FOR A COMPLETE FUNCTIONING SYSTEM.
- 2

- THE WORDS PROVIDE OR INSTALL, SINGLY OR IN COMBINATION SHALL MEAN FURNISH AND INSTALL.

- WHERE WELDING OR OPEN FLAME IS USED FOR CUTTING, SOLDERING, ETC., CONTRACTOR SHALL PROVIDE FIRE EXTINGUISHERS IN PROXIMITY OF WORK AREA.
- ALL WORK SHALL BE COORDINATED WITH THE PROJECT MANAGER AND ALL TRADES RELATED TO THE INSTALLATION OF THIS PROJECT.

STRUCTURAL

ENGINEERS

NEW YORK, NEW YORK 10017 WWW.CANTORSEINUK.COM

WSP CANTOR SEINUK

- THIS CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF ALL EQUIPMENT AND MATERIALS INCLUDING CONTROL WIRING DIAGRAMS TO THE ENGINEER FOR APPROVAL PRIOR TO FABRICATION AND INSTALLATION OF NEW WORK. SHOP DRAWINGS SHALL INDICATE STRUCTURAL MEMBERS, WALLS, FLOORS, DUCTWORK, ETC., WITH ELEVATIONS AT WHICH NEW WORK IS TO BE INSTALLED. ANY DEVIATION IN DESIGN SHALL NOT BE MADE WITHOUT WRITTEN APPROVAL OF THE ENGINEER OR OWNER.
- DUCTWORK SHALL BE FABRICATED AND INSTALLED ACCORDING TO LOCAL CODE & SMACNA LOW PRESSURE FLEXIBLE AND METAL DUCT STANDARDS LATEST EDITION. PROVIDE BUTTERFLY TYPE VOLUME DAMPERS WITH LOCKING QUADRANT AS INDICATED ON THE PLANS. DUCT SHALL BE 10 GA. BLACK IRON.
- THIS CONTRACTOR SHALL HIRE AN INDEPENDENT BALANCING CONTRACTOR WHO IS CERTIFIED BY AABC OR NEBB TO PERFORM AIR BALANCIDNG WORK. THREE (3) COPIES OF BALANCING REPORT TO BE SUBMITTED TO THE ARCHITECT/ENGINEER AND OWNER FOR APPROVAL
- ALL WIRING OF MECHANICAL EQUIPMENT, ETC. SHALL BE PROVIDED BY THE ELECTRICAL CONTRACTOR UNDER THE SUPERVISION OF THE HVAC CONTRACTOR.

GENERAL NOTES (MECHANICAL)

NEW YORK CITY SCHOOL CONSTRUCTION
AUTHORITY

Sharon L Greenberger, MCP, Pres

and CEO

Board of Trustees

rancellor Joel I. Klein, Chairman anley E. Grayson, Trustee iam Barrois-Paoli, Trustee

- CONTRACTOR SHALL VERIFY EXACT LOCATION OF ALL EXISTING EQUIPMENT AND PIPING IN FIELD PRIOR TO BID, FABRICATION AND INSTALLATION OF ANY NEW WORK.

- DUCTWORK IS SHOWN DIAGRAMMATICALLY. EXACT ROUTING OF NEW DUCTWORK SHALL BE DETERMINED IN FIELD.

E. Bruce Barrett, R.A., Vice President

Elan R. Abneri, P.E., Director of Design Studio I

Stanley Dahir: Director of Design Studio 2

Maria A. Gomez, P.E., Director of Design Studio 3

George D. Roussey, P.E., Director of

Technical Standards & Support Studio

Beatriz Castano, Director of Operations Support

Architecture & Engineering E Bruce Barrett, R.A., Vice President

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- THE CONTRACTOR SHALL PROVIDE ALL CUTTING AND PATCHING AS REQUIRED FOR THE INSTALLATION OF HIS WORK.

GoshowArchitects

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- THIS CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF HIS WORK AND NEWLY INSTALLED OR INCLUDING PROTECTION OF BUILDING OCCUPANTS, PUBLIC AND PERSONNEL. PROVIDE APPROPRIATE BARRIERS AND SAFETY GUARD RAILS AS REQUIRED.

LAWLESS

&P

MANGIONE

ARCHITECIS & ENGINEERS

480 NORTH BROADWAY YONKERS N.Y. 10701 (944) 423-8844 (212) 475-0870 FAX (914) 423-8881

- THE CONTRACTOR SHALL TURN OVER TO THE OWNER AT THE COMPLETION OF ALL WORK, THREE (3) COPIES OF OPERATING, MAINTENANCE AND INSTRUCTION MANUALS WHICH SHALL INCLUDE ALL EQUIPMENT BROCHURES, DUCT AND WIRING DIAGRAMS, DRAWINGS, TEMPERATURE CONTROLS, AND START-UP AND SHUTDOWN PROCEDURES OF ALL NEW EQUIPMENT INSTALLED.
- THE CONTRACTOR SHALL FILE FOR AND SECURE ALL PERMITS AND PAY ALL FEES REQUIRED FOR THE INSTALLATION OF HIS WORK.
- THE CONTRACTOR SHALL GUARANTEE ALL MATERIAL AND WORK INSTALLED BY HIM TO BE FREE FROM DEFECTS IN WORKMANSHIP FOR A PERIOD OF ONE (1) YEAR AFTER ACCEPTANCE OF THE INSTALLATION BY THE ENGINEER AND OWNER. THE CONTRACTOR SHALL SUBMIT A WRITTEN STATEMENT STATING SAME TO THE OWNER.
- ALL WORK SHALL BE PERFORMED BY LICENSED CONTRACTORS IN THE TRADE HAVING JURISDICTION.
- ANY DEVIATION OR CHANGE IN DESIGN SHALL NOT BE MADE WITHOUT WRITTEN APPROVAL OF THE ENGINEER OR OWNER.

HVAC NOTES

- PROVIDE SLEEVES FOR ALL DUCTS AND PIPING PASSING THROUGH PARTITIONS, FLOORS OR MASONRY WALLS. PACK SLEEVE AROUND DUCT WITH THERMOFIBER OR APPROVED FIRE RATED MATERIAL. SLEEVES SHALL BE 18 GAGE GALVANIZED SHEET STEEL. SEAL ALL SLEEVES WETHERTIGHT THROUGH EXTERIOR WALLS.
- SUSPEND AND SUPPORT ALL NEW DUCTWORK AND EQUIPMENT FROM BUILDING STRUCTURE ONLY.

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- PROVIDE ALL SUPPORT STEEL AS REQUIRED FOR DUCTWORK
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EAST NEW YORK AVE. ROCKAWAY PARKWAY PLAYGROUND

| EAST 96 STREET | |
|--------------------|--------------|
| Block #: 2345 | Lot #: 1 |
| SCA Design Manager | S CROCIATA |
| Project Architect: | S OSHUNRINDE |
| Designed by: | R HIGGINS |

| Designed by: | | Project Architect: | SCA Design Manager | Block #: 2345 | |
|--------------|-----------|--------------------|--------------------|---------------|--|
| | R HIGGINS | S OSHUNRINDE | S CROCIATA | Lot #: 1 | |

| RACE SONRY | P.S. 189 LINCOLN TERRACE PARPAPETS, EXTERIOR MASONRY | Project: P.S PARP, |
|----------------------|--|--------------------------|
| Date: 12 / 29/ 2008 | Facility Code: K 189 | Design No.: D# 012259 |
| 200817.00 | | GA Project No.: |
| R HIGGINS | | Checked by: |
| T CULLEY, S GRISWOLD | | Drawn by: |
| R HIGGINS | | Designed by: |
| S OSHUNRINDE | | Project Architect: |
| | | |

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