

**PORT AUTHORITY
TRANS-HUDSON CORPORATION**

GANNETT FLEMING, P.C.
ENGINEERS AND ARCHITECTS

JOHN D. PURDY
N.J. Professional Engineer # 246GE03967100

No.	Date	Revision	Approved

ENGINEERING DEPARTMENT

**JOURNAL
SQUARE
TRANSPORTATION
CENTER**

GENERAL

Title

**BUS TERMINAL
ESCALATOR REPLACEMENT**

**ESCALATOR
STAGING PLANS
AND NOTES**

This drawing subject to conditions in contract. All inventions, ideas, designs and methods herein are reserved to Port Authority and may not be used without its written consent.

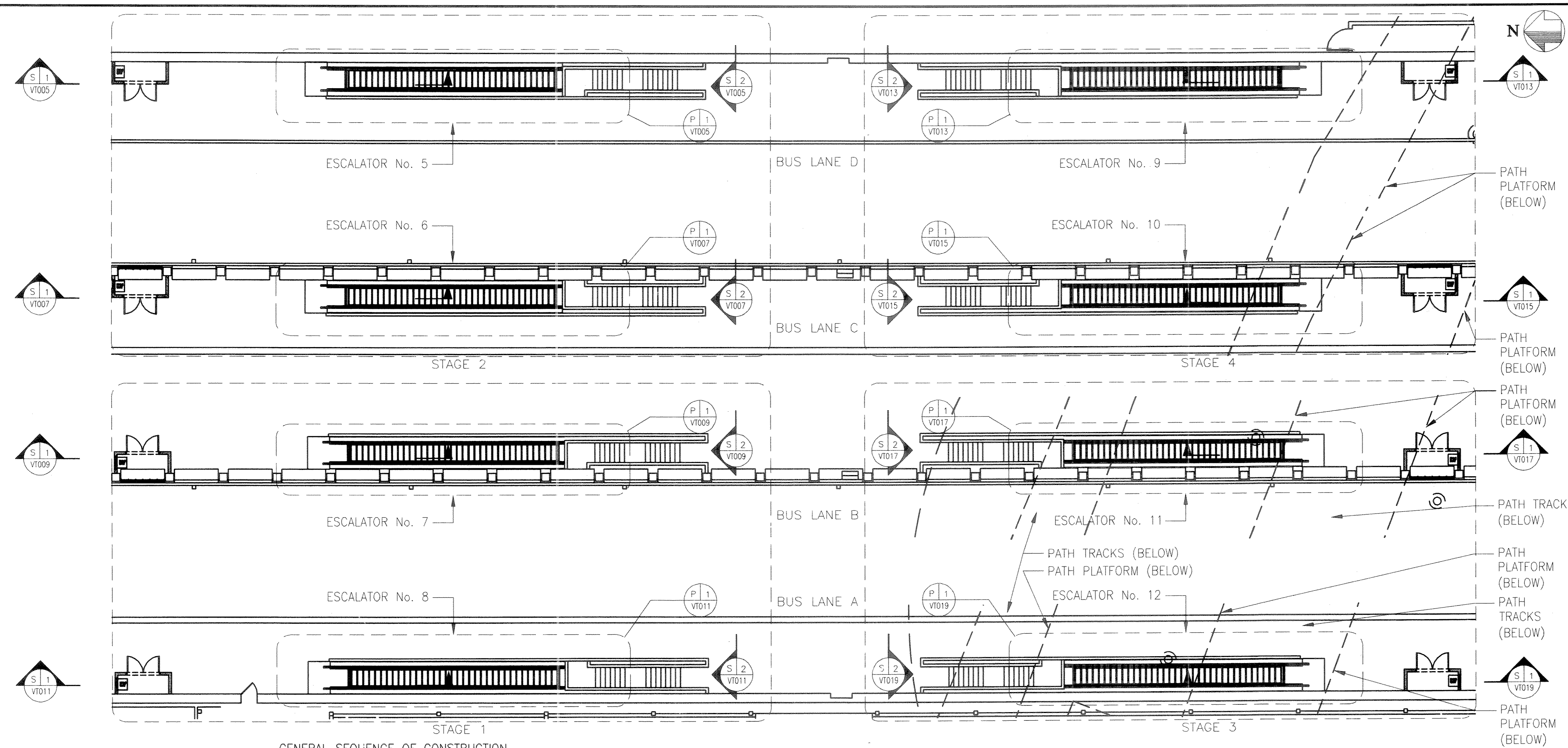
All recipients of Contract documents, including bidders and those who do not bid and their prospective subcontractors and suppliers who may receive all or a part of the Contract documents or copies thereof, shall make every effort to ensure the secure and appropriate disposal of the Contract documents to prevent further disclosure of the information contained in the documents. Secure and appropriate disposal includes methods of document destruction such as shredding or arrangements with refuse incinerators that ensure that third persons will not have access to the documents' contents either before, during, or after disposal. Documents may also be returned for disposal subject to the Contract Desk on the 3rd Floor, 3 Gateway Center, Newark NJ 07102 or the office of the Director of Procurement, One Madison Avenue, 7th Floor, New York NY 10010.

S. STEINER S. STEINER S. FITZGERALD
Designed by Drawn by Checked by

Date 11/17/2008

Contract Number PAT-214.004

Drawing Number **G004**
PID# 07957000



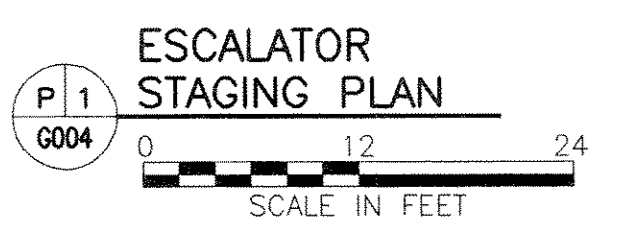
GENERAL SEQUENCE OF CONSTRUCTION

- STAGE 1**
- FURNISH AND INSTALL TEMPORARY BARRICADES
 - BEGIN THE SALVAGE AND REMOVAL OF THE ESCALATORS
 - DISCONNECT AND REMOVE ELECTRICAL POWER
 - REMOVE ARCHITECTURAL, MECHANICAL ELECTRICAL AND MISC. COMPONENTS TO FACILITATE THE REMOVAL OF THE ESCALATORS.
 - REMOVE THE REMAINING PARTS OF THE ESCALATORS AND STRUCTURAL COMPONENTS
 - FURNISH AND INSTALL STRUCTURAL COMPONENTS, ESCALATORS AND THE INDICATED WORK FOR EACH ESCALATOR.
 - PRETEST ALL INSTALLED SYSTEMS AND CERTIFY PRETEST TO THE ENGINEER.
 - BEGIN THE INSTALLATION OF THE TEMPORARY BARRICADES FOR STAGE 2.
 - CONDUCT ACCEPTANCE TESTING AND COMMISSIONING.
 - REMOVE TEMPORARY BARRICADES AND RESTORE THE SPACE TO OPERATION STATUS.

- STAGE 2**
- FURNISH AND INSTALL TEMPORARY BARRICADES
 - BEGIN THE SALVAGE AND REMOVAL OF THE ESCALATORS
 - DISCONNECT AND REMOVE ELECTRICAL POWER
 - REMOVE ARCHITECTURAL, MECHANICAL ELECTRICAL AND MISC. COMPONENTS TO FACILITATE THE REMOVAL OF THE ESCALATORS.
 - REMOVE THE REMAINING PARTS OF THE ESCALATORS AND STRUCTURAL COMPONENTS.
 - FURNISH AND INSTALL STRUCTURAL COMPONENTS, ESCALATORS AND THE INDICATED WORK FOR EACH ESCALATOR.
 - PRETEST ALL INSTALLED SYSTEMS AND CERTIFY PRETEST TO THE ENGINEER.
 - BEGIN THE INSTALLATION OF THE TEMPORARY BARRICADES FOR STAGE 3.
 - CONDUCT ACCEPTANCE TESTING AND COMMISSIONING.
 - REMOVE TEMPORARY BARRICADES AND RESTORE THE SPACE TO OPERATION STATUS.

- STAGE 3**
- FURNISH AND INSTALL TEMPORARY BARRICADES
 - BEGIN THE SALVAGE AND REMOVAL OF THE ESCALATORS
 - DISCONNECT AND REMOVE ELECTRICAL POWER
 - REMOVE ARCHITECTURAL, MECHANICAL ELECTRICAL AND MISC. COMPONENTS TO FACILITATE THE REMOVAL OF THE ESCALATORS.
 - REMOVE THE REMAINING PARTS OF THE ESCALATORS AND STRUCTURAL COMPONENTS.
 - FURNISH AND INSTALL STRUCTURAL COMPONENTS, ESCALATORS AND THE INDICATED WORK FOR EACH ESCALATOR.
 - PRETEST ALL INSTALLED SYSTEMS AND CERTIFY PRETEST TO THE ENGINEER.
 - BEGIN THE INSTALLATION OF THE TEMPORARY BARRICADES FOR STAGE 4.
 - CONDUCT ACCEPTANCE TESTING AND COMMISSIONING.
 - REMOVE TEMPORARY BARRICADES AND RESTORE THE SPACE TO OPERATION STATUS.

- STAGE 4**
- FURNISH AND INSTALL TEMPORARY BARRICADES
 - BEGIN THE SALVAGE AND REMOVAL OF THE ESCALATORS
 - DISCONNECT AND REMOVE ELECTRICAL POWER
 - REMOVE ARCHITECTURAL, MECHANICAL ELECTRICAL AND MISC. COMPONENTS TO FACILITATE THE REMOVAL OF THE ESCALATORS.
 - REMOVE THE REMAINING PARTS OF THE ESCALATORS AND STRUCTURAL COMPONENTS.
 - FURNISH AND INSTALL STRUCTURAL COMPONENTS, ESCALATORS AND THE INDICATED WORK FOR EACH ESCALATOR.
 - PRETEST ALL INSTALLED SYSTEMS AND CERTIFY PRETEST TO THE ENGINEER.
 - CONDUCT ACCEPTANCE TESTING AND COMMISSIONING.
 - REMOVE TEMPORARY BARRICADES AND RESTORE THE SPACE TO OPERATION STATUS.
 - COMPLETE ALL OUTSTANDING PUNCH LIST WORK AND SUBMIT CONTRACT CLOSEOUT DOCUMENTATION.



STAGING REQUIREMENTS

- THE WORK SHALL BE PERFORMED IN 4 STAGES.
- SEE DIVISION 1 SPECIFICATION CLAUSE "HOURS OF WORK AND CONSTRUCTION STAGING"