

**ATTACHMENT – D**  
**DRAWINGS, CONSTRUCTION NOTES**



**DEPARTMENT OF ENVIRONMENTAL SERVICES**

Division of Transportation  
 Transit Bureau  
 2100 Clarendon Boulevard Suite 900 Arlington VA 22201  
 Phone: 703.228.3881 Fax: 703.229.7548 www.arlingtonva.us

**Design Team:**

- Architecture & Engineering Services**  
**STV Incorporated**  
 1723 Hunter Dr. Suite 205, Fairfax, VA 22031  
 571.633.2239 stv.com
- Vertical Transportation**  
**Van Deusen & Associates**  
 1422 Connecticut Ave. NW, Suite 200, Washington, DC 20004  
 202.638.1176 vda.com
- Cost Estimating & Scheduling**  
**VJ Associates**  
 1525 K Street NW, Suite 1204, Washington, DC 20005  
 202.639.7100 vjassociates.com
- Survey and Utility Investigation**  
**Cervantes & Associates, P.C.**  
 4225 Lakeside Court, Suite 111, Chantilly, VA 20151  
 703.895.1134 cervantes.com

**Location Map**  
 SCALE 1:1.5  
 Vicinity



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 Division of Transportation  
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 2100 Clarendon Boulevard Suite 900 Arlington VA 22201  
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| Appr. of              | Date     |
|-----------------------|----------|
| Project Manager       | 11-23-09 |
| Design Lead           | 11-23-09 |
| Design Review         | 11-23-09 |
| Design Approval       | 11-23-09 |
| Construction Approval | 11-23-09 |

**100% Design Drawings For:  
 Pentagon City Station Second Elevator Project  
 South Hayes Street**

STV Project Number 4018669  
 WMATA Project Number 251666

**Table of Contents:**

**General Notes:**

1. The drawings are based on the information provided in the contract documents and any other drawings or documents that may be referenced herein.
2. The contractor shall be responsible for obtaining all necessary permits and approvals from the appropriate authorities.
3. The contractor shall be responsible for coordinating all construction activities with the existing infrastructure and utilities.
4. The contractor shall be responsible for maintaining access to all adjacent properties and public facilities throughout the project.
5. The contractor shall be responsible for protecting all existing structures and utilities that may be affected by the project.
6. The contractor shall be responsible for providing all necessary safety measures and signage during construction.
7. The contractor shall be responsible for maintaining the site in a safe and clean condition at all times.
8. The contractor shall be responsible for providing all necessary materials and labor for the project.
9. The contractor shall be responsible for providing all necessary equipment and machinery for the project.
10. The contractor shall be responsible for providing all necessary transportation and parking for the project.

| GENERAL       |                                 |
|---------------|---------------------------------|
| 0-100         | Table of Contents               |
| CIVIL         |                                 |
| C-100         | Building Footprints             |
| C-101         | Site Plan                       |
| C-102         | Grading Plan                    |
| C-103         | Drainage Plan                   |
| C-104         | Stormwater Management Plan      |
| C-105         | Utility Plan                    |
| C-106         | Site Elevation                  |
| C-107         | Site Section                    |
| ARCHITECTURAL |                                 |
| A-100         | Architectural Notes and Details |
| A-101         | Architectural Plan              |
| A-102         | Architectural Section           |
| A-103         | Architectural Elevation         |
| A-104         | Architectural Detail            |
| A-105         | Architectural Schedule          |
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| A-200         | Architectural Schedule          |

| MECHANICAL |                              |
|------------|------------------------------|
| M-100      | Mechanical Notes and Details |
| M-101      | Mechanical Plan              |
| M-102      | Mechanical Section           |
| M-103      | Mechanical Elevation         |
| M-104      | Mechanical Detail            |
| M-105      | Mechanical Schedule          |
| M-106      | Mechanical Schedule          |
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| M-200      | Mechanical Schedule          |

Project Name: Pentagon City Station Second Elevator Project  
 Location: South Hayes Street  
 Drawing No: G-000  
 Scale: 1/8" = 1'-0"

DESIGNED BY: STV  
 CHECKED BY: STV  
 APPROVED BY: STV

DATE: 11-23-09

100% PLANS FOR CONSTRUCTION

1 OF 68



**EXISTING CONDITIONS LEGEND**

— 100 — SURFACE LEVEL OF SURROUNDING (1' IN 1")

**ARLINGTON**  
 VIRGINIA  
 DEPARTMENT OF ENVIRONMENTAL SERVICES  
 2000 Commonwealth Blvd. #100  
 Arlington, VA 22202  
 Tel: 703.246.4444  
 Fax: 703.246.4444



| Appr. by | Date |
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|          |      |
| Reviewed | Date |
|          |      |

Project Name and Location: **Pentagon City Station Elevator Project Existing Conditions**  
 South Hayes Street C-100

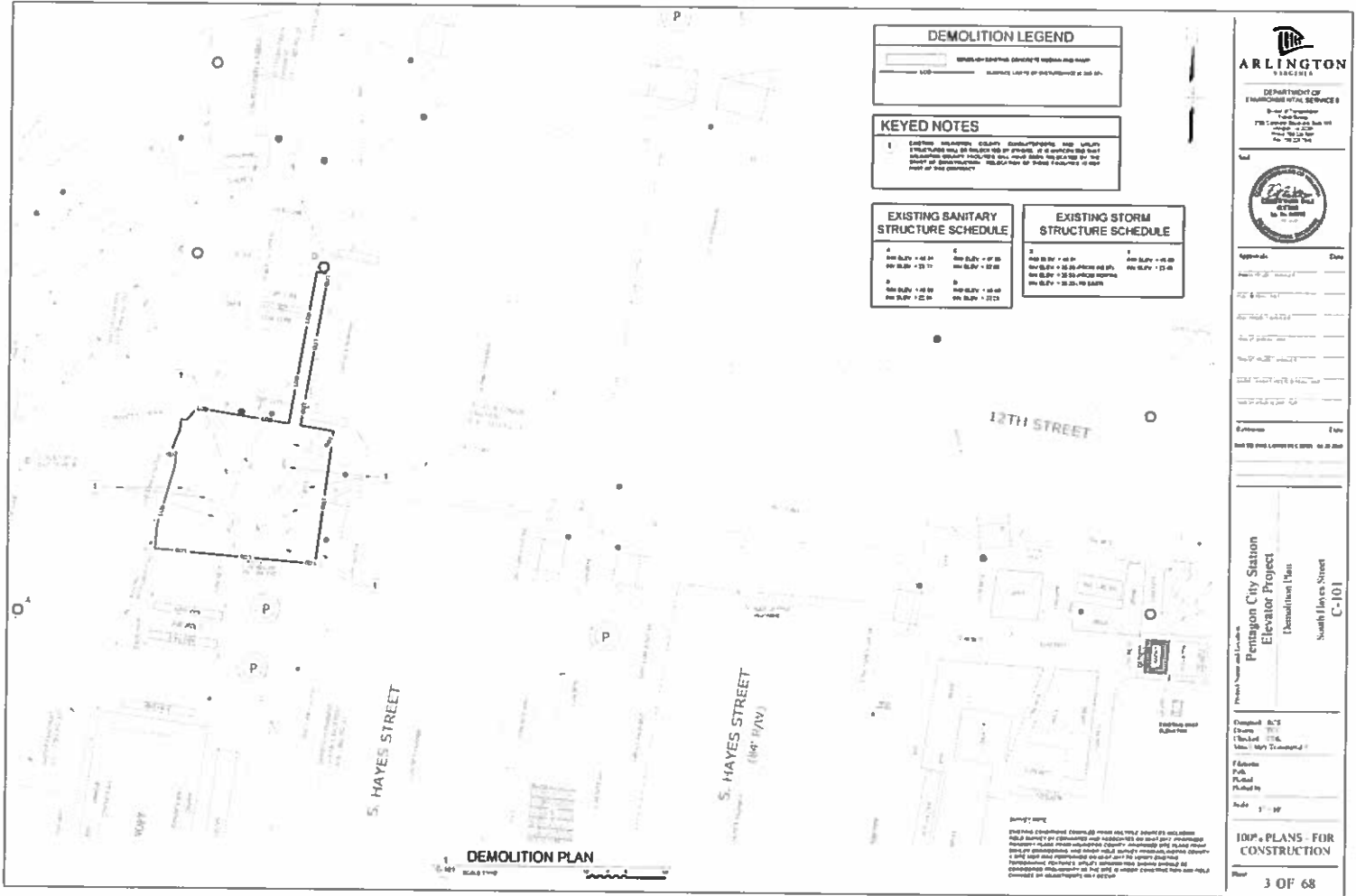
Designed by: **ES**  
 Drawn by: **TEC**  
 Checked by: **ES**  
 Max. Scale: **1/8" = 1'-0"**

Planner:   
 PLOT:   
 Printed by:

Scale: **1" = 10'**

**100% PLANS - FOR CONSTRUCTION**

Sheet: **2 OF 68**



**DEMOLITION LEGEND**

STRUCTURE TO BE DEMOLISHED  
 STRUCTURE TO BE DEMOLISHED AT 30 DAY

**KEYED NOTES**

1. EXISTING STRUCTURE TO BE DEMOLISHED AT 30 DAY. ALL STRUCTURE TO BE DEMOLISHED AT 30 DAY. ALL STRUCTURE TO BE DEMOLISHED AT 30 DAY. ALL STRUCTURE TO BE DEMOLISHED AT 30 DAY.

**EXISTING SANITARY STRUCTURE SCHEDULE**

|   |                   |   |                   |
|---|-------------------|---|-------------------|
| A | San. S.W. + 48.24 | C | San. S.W. + 47.25 |
| B | San. S.W. + 23.11 | D | San. S.W. + 22.22 |
| E | San. S.W. + 48.24 | F | San. S.W. + 48.24 |
| G | San. S.W. + 23.11 | H | San. S.W. + 22.22 |

**EXISTING STORM STRUCTURE SCHEDULE**

|   |                   |   |                   |
|---|-------------------|---|-------------------|
| 1 | San. S.W. + 48.24 | 2 | San. S.W. + 48.24 |
| 3 | San. S.W. + 23.11 | 4 | San. S.W. + 23.11 |
| 5 | San. S.W. + 48.24 | 6 | San. S.W. + 48.24 |
| 7 | San. S.W. + 23.11 | 8 | San. S.W. + 23.11 |

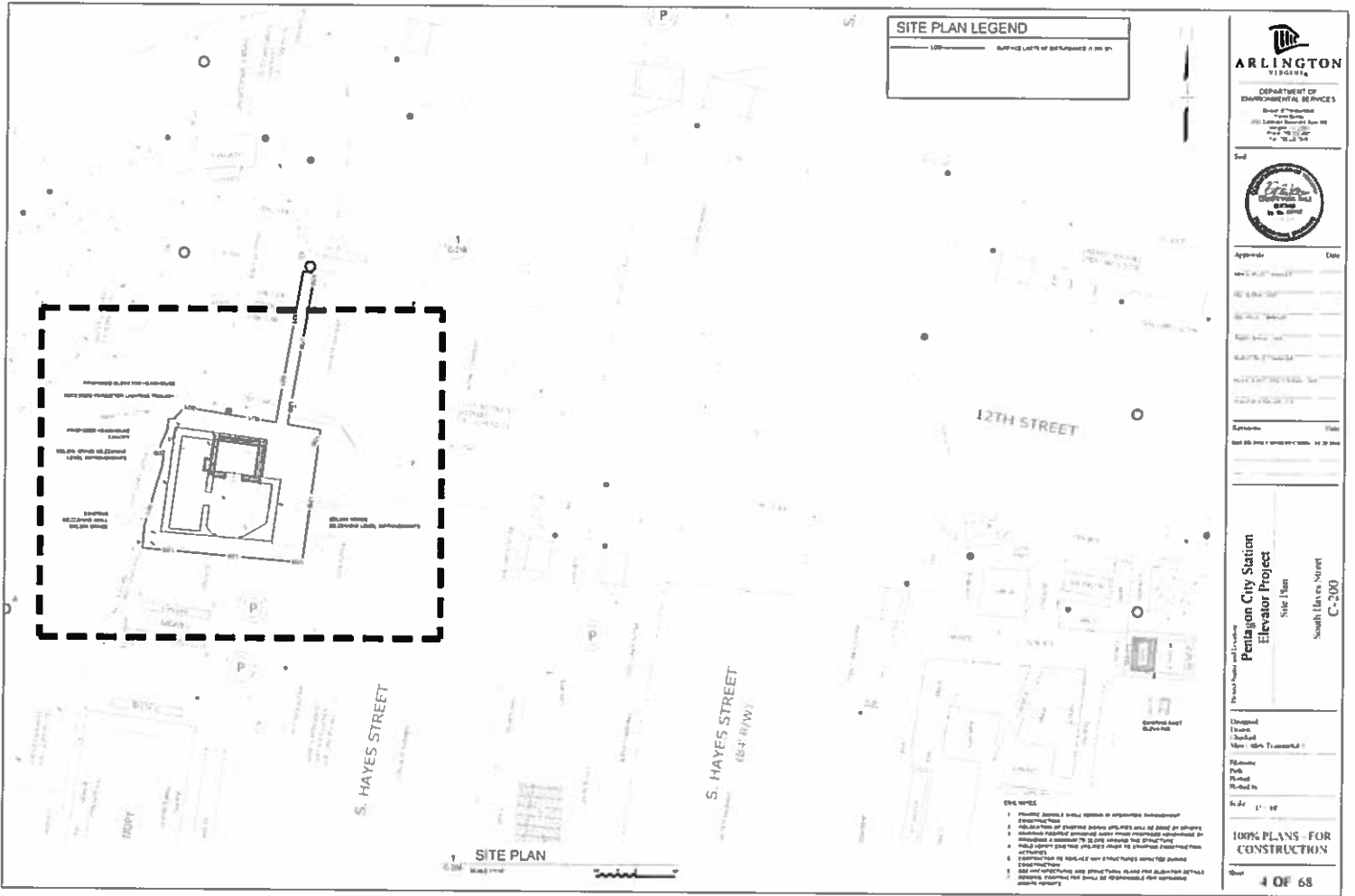
**ARLINGTON**  
 DEPARTMENT OF ENVIRONMENTAL SERVICES  
 500 North Glebe Road  
 Arlington, VA 22202  
 Phone: 703-221-1500  
 Fax: 703-221-1500

**Project Name and Location:**  
 Pentagon City Station  
 Elevator Project  
 Demolition Plan  
 South Hayes Street  
 C-101

**Drawn by:** [Blank]  
**Checked by:** [Blank]  
**Reviewed by:** [Blank]  
**Scale:** 1" = 30'  
**Date:** [Blank]

**100% PLANS - FOR CONSTRUCTION**

Sheet 3 OF 68



**SITE PLAN LEGEND**

12TH STREET (66' R/W)

**ARLINGTON**  
 VIRGINIA  
 DEPARTMENT OF ENVIRONMENTAL SERVICES  
 Director of Planning  
 200 South Courthouse Road  
 Arlington, VA 22204  
 Tel: 703.246.7000



| Approve | Date |
|---------|------|
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Systems:  Title:

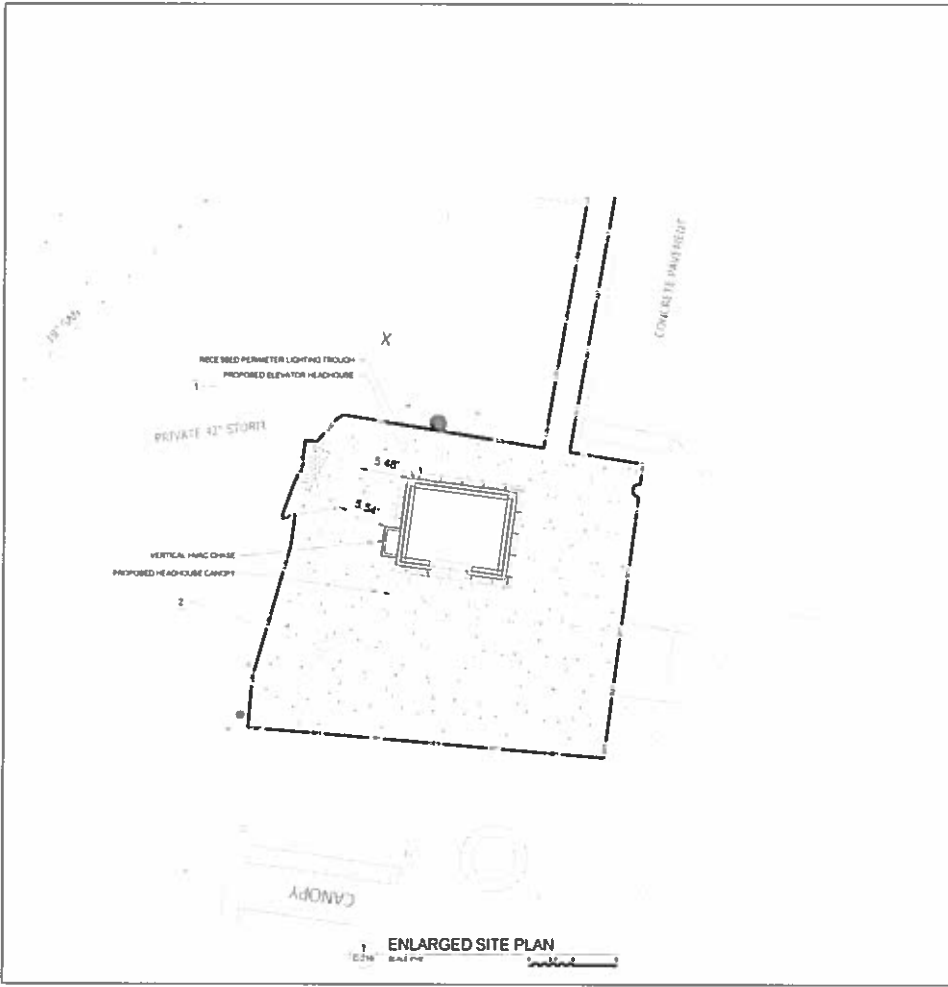
Scale: 1" = 10'

Project Name: **Pentagon City Station Elevator Project**  
 Site Plan  
 South Hayes Street  
 C-200

Prepared:   
 Revised:   
 Title:

Scale: 1" = 10'

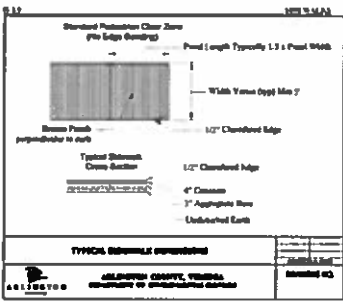
**100% PLANS - FOR CONSTRUCTION**



1 ENLARGED SITE PLAN

| SITE PLAN LEGEND |                                    |
|------------------|------------------------------------|
| [Symbol]         | SUPPLY LISTS BY REFERENCE TO SHEET |
| [Symbol]         | PROPOSED WORK TO EXISTING SYSTEM   |

- KEYED NOTES**
1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE INTERNATIONAL BUILDING CODE (IBC) AND THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) CODES.
  2. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE INTERNATIONAL BUILDING CODE (IBC) AND THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) CODES.



2 CONCRETE SIDEWALK MEDIAN DETAIL



| Approve | Date |
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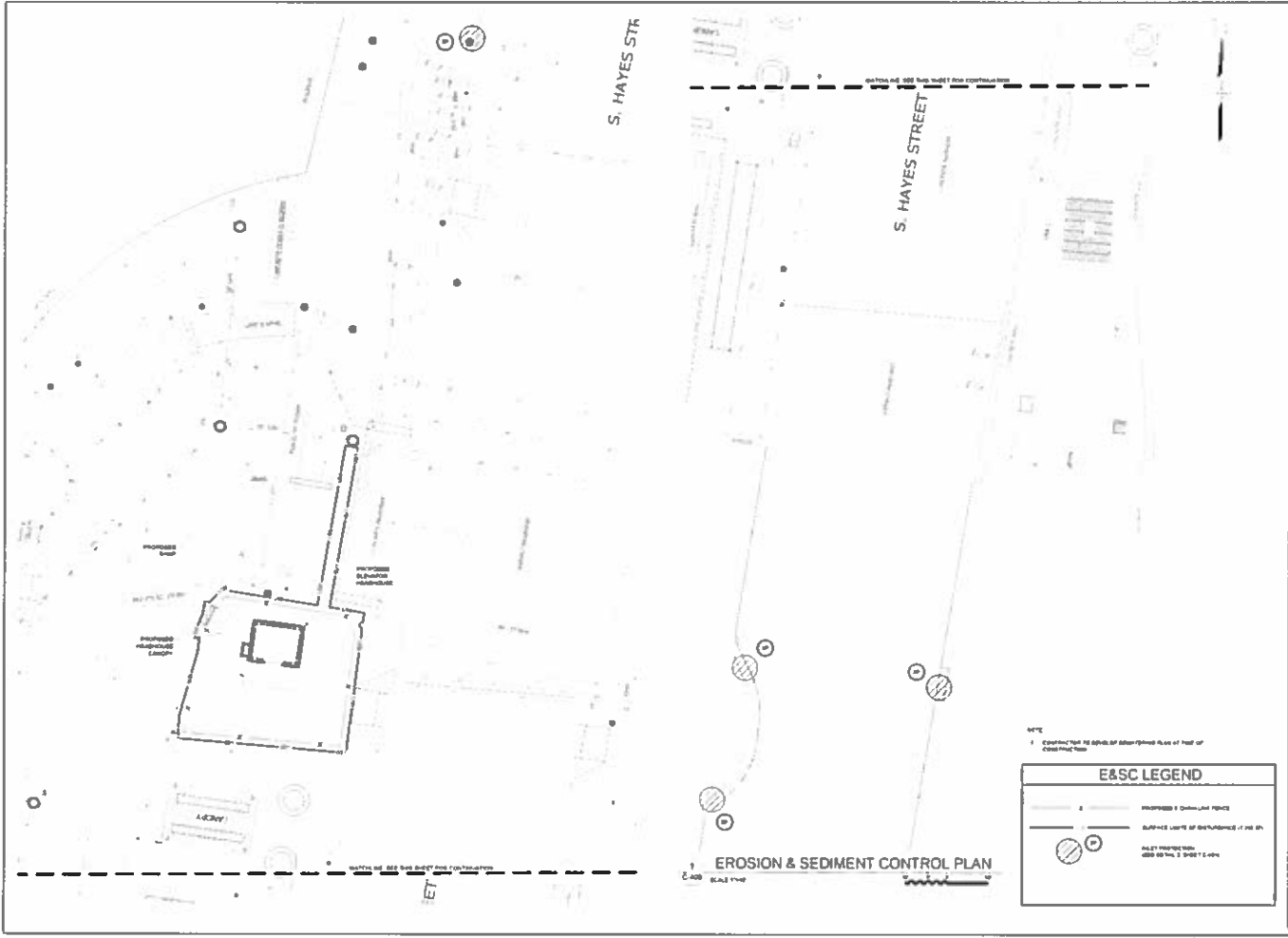
Pentagon City Station  
Elevator Project  
Enlarged Site Plan  
South 11th Street  
C-210

100% PLANS - FOR CONSTRUCTION

Scale: 1" = 10'

Sheet: 5 OF 68





**E&S LEGEND**

- PROPOSED CONSTRUCTION PERMITS
- EXISTING UTILITIES (10' BUFFER)
- ALLEY PROVISIONS (SEE SHEET C-400)

**ARLINGTON**  
DEPARTMENT OF ENVIRONMENTAL SERVICES

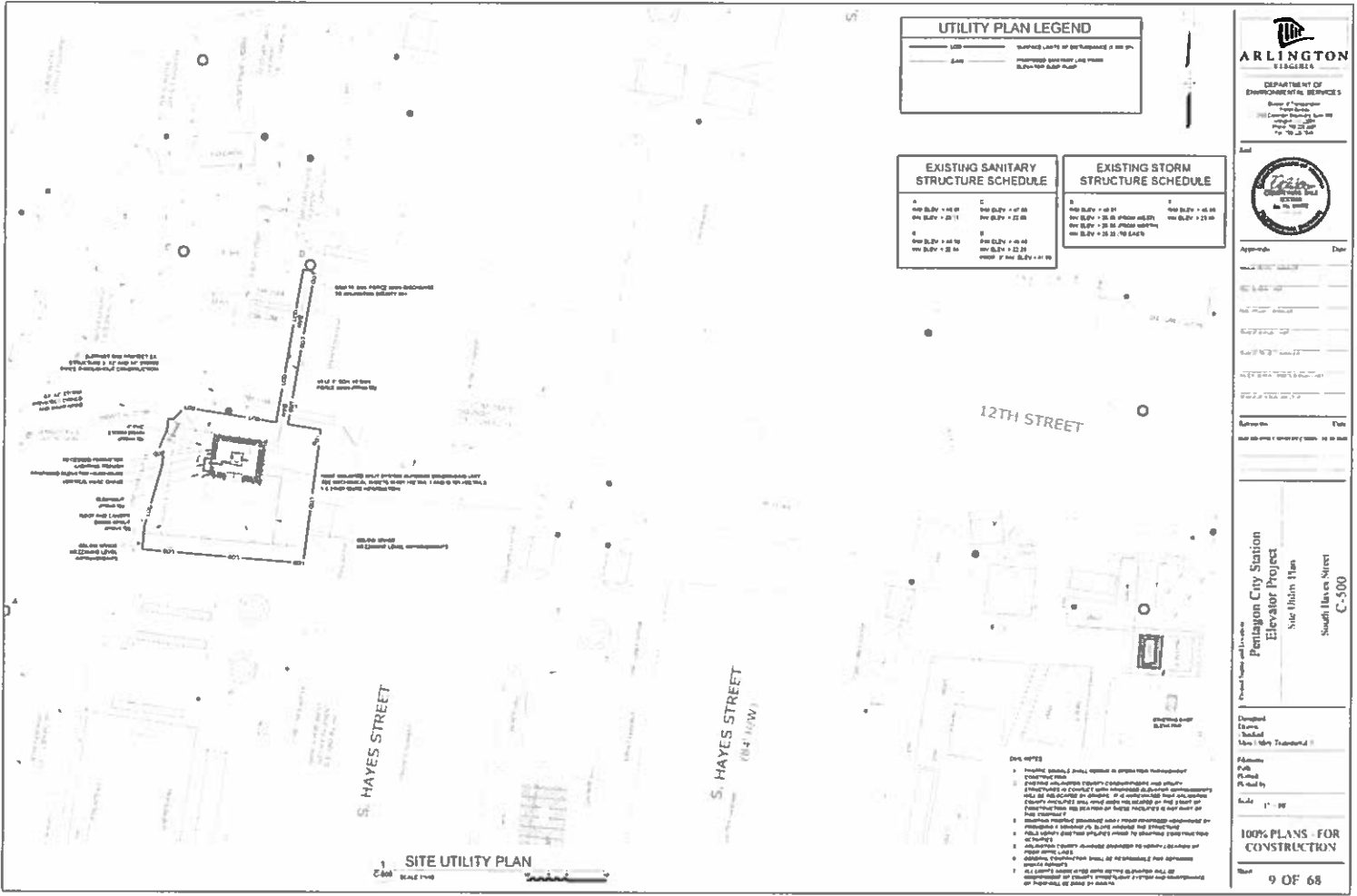
Project: Pentagon City Station  
Elevator Project  
Location: South Hayes Street  
Sheet: C-400

100% PLANS FOR CONSTRUCTION

7 OF 68







|           |       |
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| Approved: | Date: |
|           |       |
| Reviewed: | Date: |
|           |       |

Pentagon City Station  
 Elevator Project  
 Site Utility Plan  
 South Hayes Street  
 C-500

Drawn: [Name]  
 Checked: [Name]  
 Scale: 1" = 10'  
**100% PLANS FOR CONSTRUCTION**  
 Sheet: 9 OF 68



Approved: \_\_\_\_\_ Date: \_\_\_\_\_

Checked: \_\_\_\_\_ Date: \_\_\_\_\_

Drawn: \_\_\_\_\_ Date: \_\_\_\_\_

Plot: \_\_\_\_\_ Date: \_\_\_\_\_

Project Name: **Pentagon City Station  
Elevator Project**

Location: **Urban Infill  
South Lakes Street  
C-501**

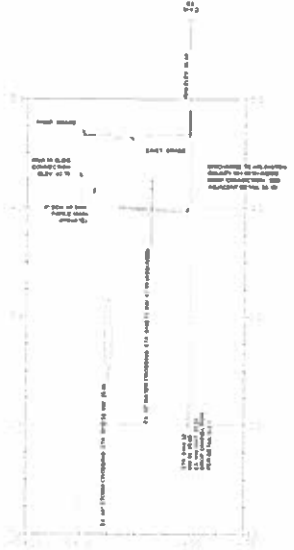
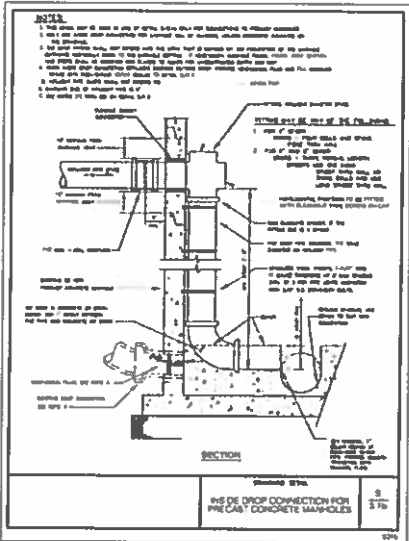
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Planned by: \_\_\_\_\_

Scale: **VERTICAL 1"=4'**  
**HORIZONTAL 1"=30'**

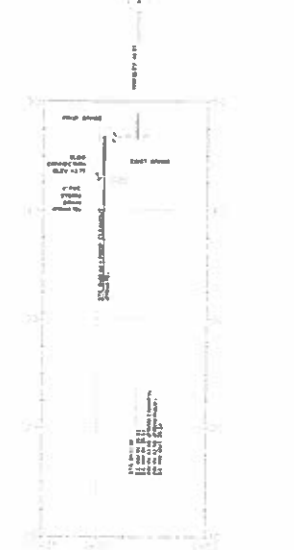
**100% PLANS FOR  
CONSTRUCTION**

Sheet: **10 OF 68**



**SANITARY SEWER PROFILE  
FROM ELEVATOR TO EXISTING MH D**

Scale: 1" = 30'



**STORM DRAIN PROFILE FROM ROOF/CANOPY  
DOWN SPOUT TO EXISTING STRUCTURE X**

Scale: 1" = 30'

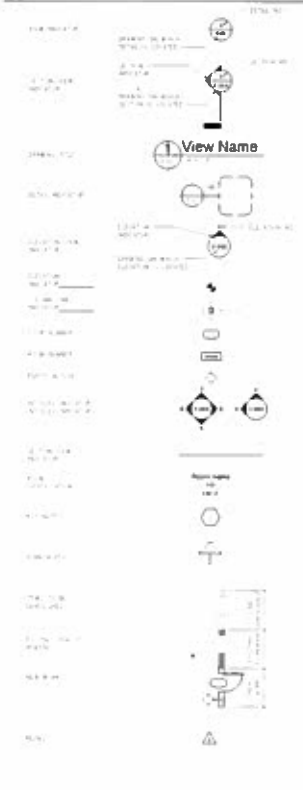
1. 100% PLANS FOR CONSTRUCTION  
2. 100% PLANS FOR CONSTRUCTION



**ABBREVIATIONS - ARCHITECTURE**

|     |     |     |     |     |     |     |     |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       |
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| 1-1 | 1-2 | 1-3 | 1-4 | 1-5 | 1-6 | 1-7 | 1-8 | 1-9 | 1-10 | 1-11 | 1-12 | 1-13 | 1-14 | 1-15 | 1-16 | 1-17 | 1-18 | 1-19 | 1-20 | 1-21 | 1-22 | 1-23 | 1-24 | 1-25 | 1-26 | 1-27 | 1-28 | 1-29 | 1-30 | 1-31 | 1-32 | 1-33 | 1-34 | 1-35 | 1-36 | 1-37 | 1-38 | 1-39 | 1-40 | 1-41 | 1-42 | 1-43 | 1-44 | 1-45 | 1-46 | 1-47 | 1-48 | 1-49 | 1-50 | 1-51 | 1-52 | 1-53 | 1-54 | 1-55 | 1-56 | 1-57 | 1-58 | 1-59 | 1-60 | 1-61 | 1-62 | 1-63 | 1-64 | 1-65 | 1-66 | 1-67 | 1-68 | 1-69 | 1-70 | 1-71 | 1-72 | 1-73 | 1-74 | 1-75 | 1-76 | 1-77 | 1-78 | 1-79 | 1-80 | 1-81 | 1-82 | 1-83 | 1-84 | 1-85 | 1-86 | 1-87 | 1-88 | 1-89 | 1-90 | 1-91 | 1-92 | 1-93 | 1-94 | 1-95 | 1-96 | 1-97 | 1-98 | 1-99 | 1-100 |
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**GENERAL SYMBOLS**



**ARCHITECTURAL NOTES**

1. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF ARLINGTON AND THE STATE OF VIRGINIA.
2. ALL WORK SHALL BE IN ACCORDANCE WITH THE CITY OF ARLINGTON DEPARTMENT OF ENVIRONMENTAL SERVICES (DES) STANDARDS AND SPECIFICATIONS.
3. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTIES AT ALL TIMES.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF ARLINGTON AND THE STATE OF VIRGINIA.
5. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTIES AT ALL TIMES.
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16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF ARLINGTON AND THE STATE OF VIRGINIA.
17. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTIES AT ALL TIMES.
18. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF ARLINGTON AND THE STATE OF VIRGINIA.
19. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTIES AT ALL TIMES.
20. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF ARLINGTON AND THE STATE OF VIRGINIA.

**MATERIAL LEGEND**

|   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|

**ARLINGTON**  
DEPARTMENT OF ENVIRONMENTAL SERVICES

11-20-2008

Project Name and Location: **Pentagon City Station Elevator Project**

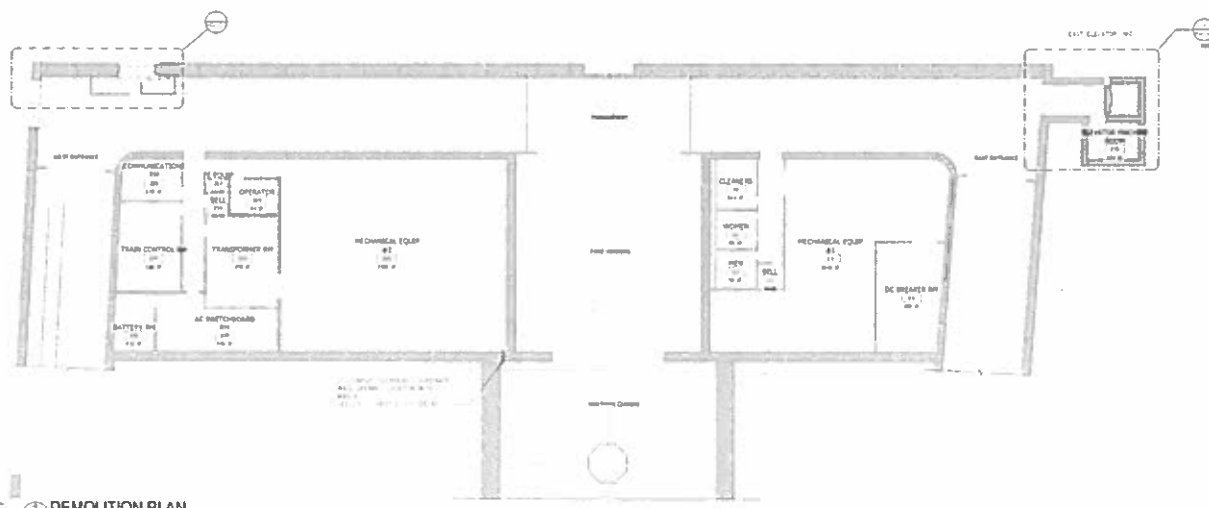
Architectural Notes and Symbols

South Hayes Street A-201

Drawn by: [Name]  
Checked by: [Name]  
Scale: N/A

12 OF 68

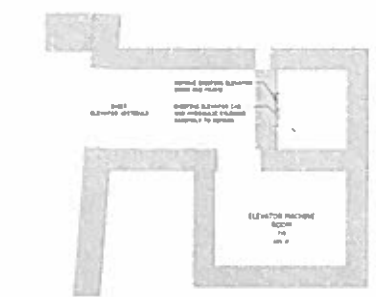




**1 DEMOLITION PLAN**



**2 ENLARGED DEMOLITION PLAN**



**3 EXISTING ELEVATOR MEZZANINE LEVEL (NIC)**



**4 EXISTING ELEVATOR PLAZA LEVEL (NIC)**

**ARLINGTON**  
 DEPARTMENT OF ENVIRONMENTAL SERVICES

Stamp: 11-20-2009, L.S. No. 1, 2009-0001, [Signature]

App No: \_\_\_\_\_ Date: \_\_\_\_\_

Applicant: \_\_\_\_\_

Project Name: \_\_\_\_\_

Project Address: \_\_\_\_\_

Project Description: \_\_\_\_\_

Scale: As indicated

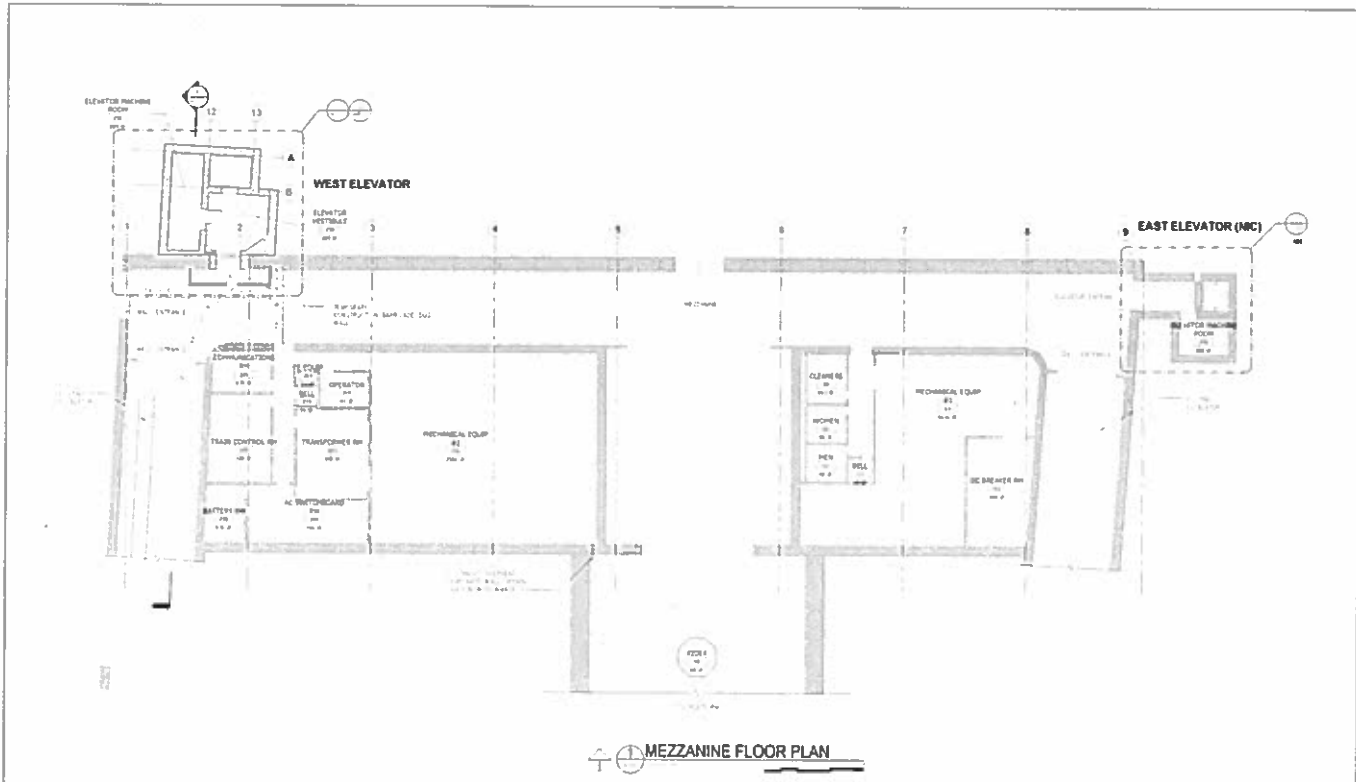
**100% PLANS - FOR CONSTRUCTION**

**14 OF 68**

Project Name: **Perman City Station Elevator Project**  
 Demolition Plan  
 South Hayes Street  
 AD-101

Drawn: LJP  
 Check: LJP  
 Checked: PLB  
 Date: 11/20/2009

Project: 11-2009-1-01-114  
 Plan: 11-2009-1-01-114  
 Sheet: 14 OF 68



**ARLINGTON**  
 VERMONT  
 DEPARTMENT OF  
 ENVIRONMENTAL SERVICES

11 20 2008  
 10:54 A.M.  
 10/20/08

Approved: \_\_\_\_\_ Date: \_\_\_\_\_  
 Drawn: \_\_\_\_\_  
 Checked: \_\_\_\_\_  
 Date: \_\_\_\_\_

Project Name: Pennington City Station Elevator Project  
 Sheet: South Main Street A-101

Designed: J.J.  
 Drawn: J.S.  
 Checked: J.S.  
 Date: 10/20/08

Plot Size: 11.5" x 17.5"  
 Plot Date: 11/20/08 9:02 AM  
 Plot Size: 11.5" x 17.5"

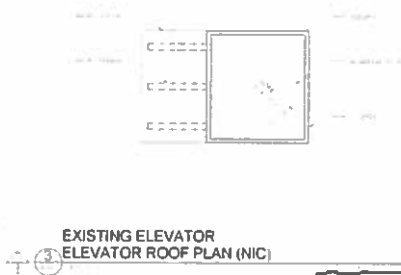
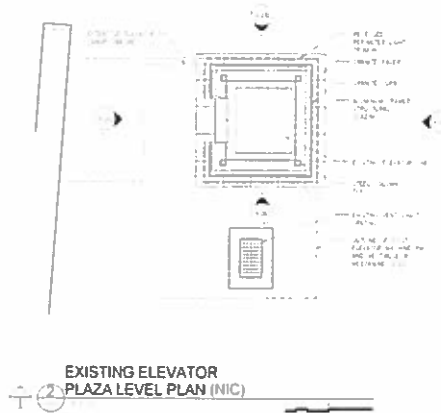
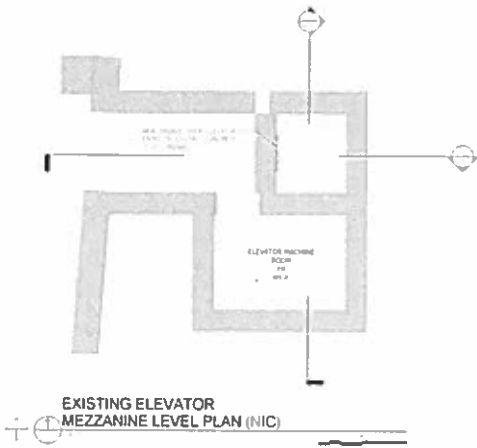
Scale: 1/2" = 1'-0"

100% PLANS - FOR CONSTRUCTION

Sheet 15 OF 68







**NOT IN CONTRACT**



DEPARTMENT OF ENVIRONMENTAL SERVICES

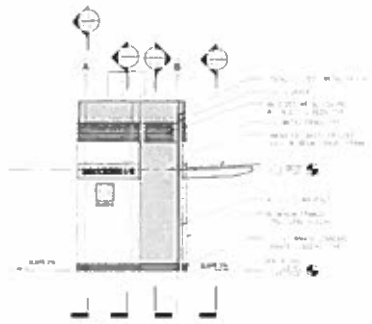


|             |      |
|-------------|------|
| Appr. Title | Date |
|             |      |
|             |      |
|             |      |
|             |      |
|             |      |
|             |      |
|             |      |
|             |      |
|             |      |
|             |      |

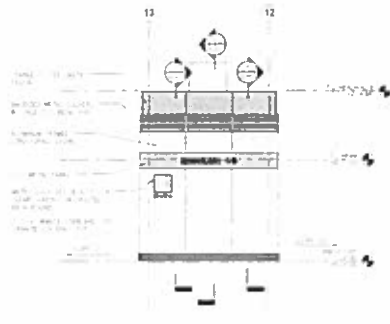
Pentagon City Station Elevator Project  
 E and B Elevator Plans  
 South Hayes Street A-103

Designed: L.J.  
 Drawn: J.B.  
 Checked: J.B.  
 Max 1/8" = 1'-0" (Horizontal)  
 P.D. Smith 2/14/17, 4:14:00 PM  
 Plot: 1/17/2017 11:11:12 AM  
 Plotter: HP DesignJet 5000  
 Scale: 1/8" = 1'-0"

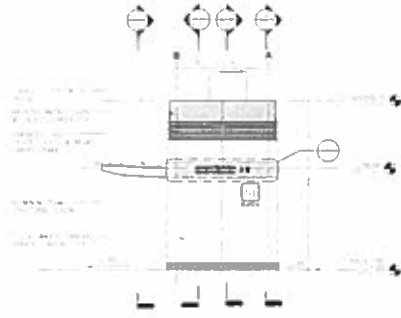
1105 PLANS - FOR CONSTRUCTION



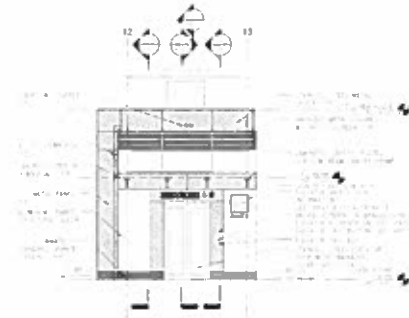
1 ELEVATOR WEST ELEVATION



2 ELEVATOR NORTH ELEVATION



3 ELEVATOR EAST ELEVATION



4 ELEVATOR SOUTH ELEVATION

11/18/2011  
10:54:13  
[Signature]

Appr. by: [Signature] Date: [Blank]  
[Blank]  
[Blank]  
[Blank]  
[Blank]  
[Blank]  
[Blank]  
[Blank]  
[Blank]

Project Name: Pentagon City Station Elevator Project  
West End House Elevations  
South Hayes Street  
A-201

1/20/11  
1/20/11  
1/20/11  
1/20/11  
1/20/11





DEPARTMENT OF ENVIRONMENTAL SERVICES

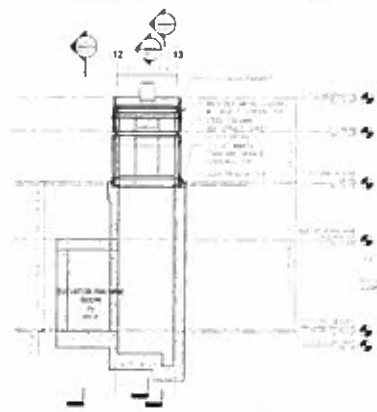
100% PLANS - 1048 CONSTRUCTION



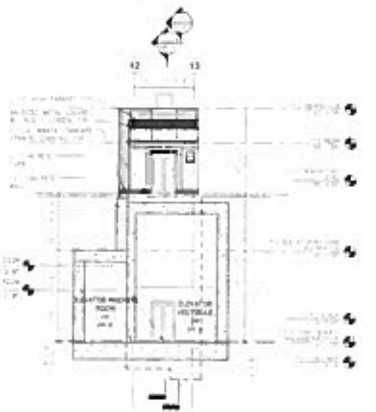
|             |  |
|-------------|--|
| Project No. |  |
| Date        |  |
| Author      |  |
| Checker     |  |
| Reviewer    |  |
| Approved    |  |
| Scale       |  |

Pentagon City Station  
Elevator Project  
Wood Frame Building Section  
South Loop Street  
A-301

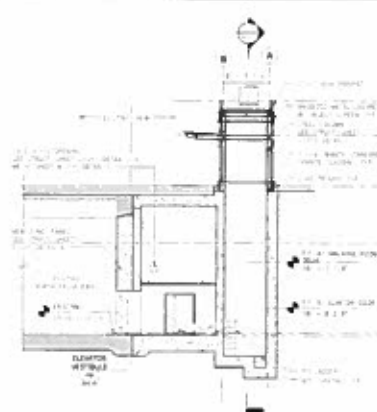
100% PLANS - 1048  
CONSTRUCTION  
20 OF 68



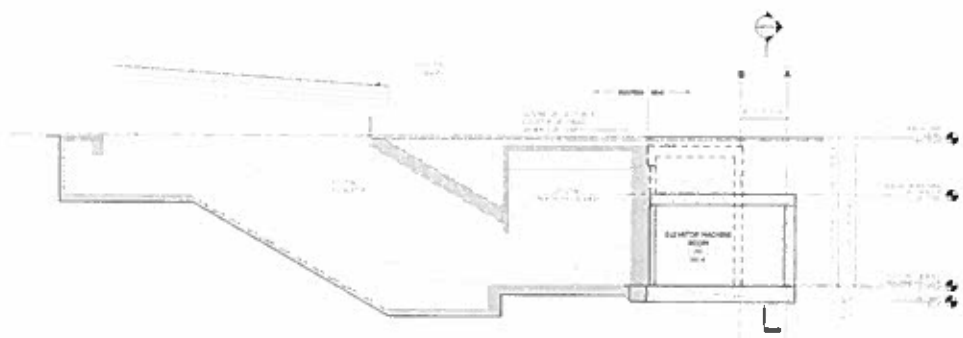
LONGITUDINAL ELEVATOR SECTION @ ELEVATOR SHAFT



ELEVATOR SECTION @ ELEVATOR SHAFT



ELEVATOR SECTION @ KNOCK-OUT PANEL



ELEVATOR SECTION @ MACHINE ROOM

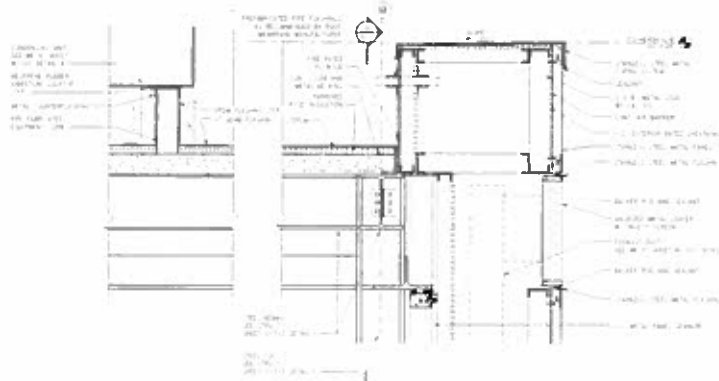




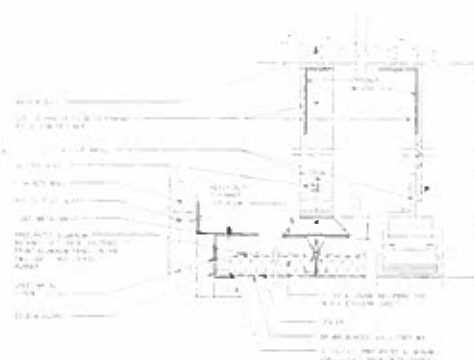




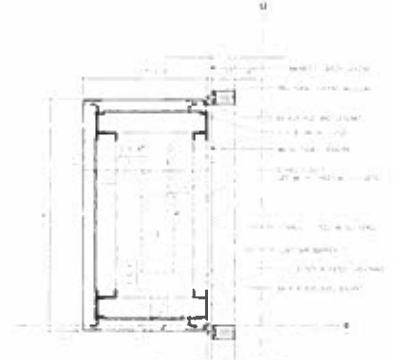




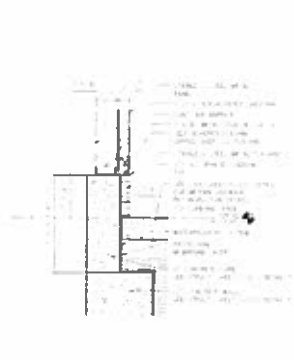
**DETAIL @ LOUVERS AND METAL PANEL WALL**



**MEZZANINE CEILING DETAIL**



**PLAN DETAIL AT EXHAUST SHAFT**



**SILL DETAIL AT EXHAUST SHAFT**

|             |                   |
|-------------|-------------------|
| Project No. | 0000000000        |
| Sheet No.   | A-503             |
| Scale       | 1/2" = 1'-0"      |
| Date        | 08/11/08          |
| Author      | J. J. [Signature] |
| Checker     | [Signature]       |
| Designer    | [Signature]       |
| Engineer    | [Signature]       |
| Contractor  | [Signature]       |

Pentagon City Station  
 Elevator Project  
 Wash Metro Transit Authority  
 South Hayes Street  
 A-503

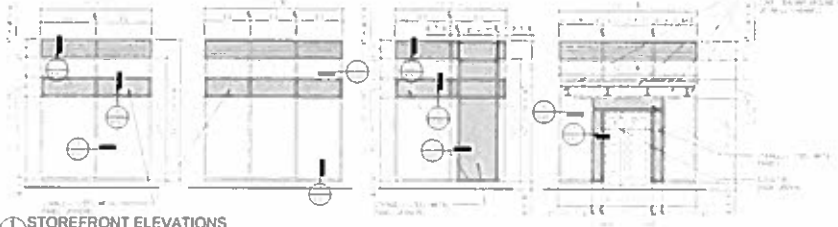
Drawn: [Signature]  
 Check: [Signature]  
 Scale: 1/2" = 1'-0"  
 Date: 08/11/08  
 Project: 0000000000  
 Sheet: A-503 OF 503

| NUMBER | FROM               | LOCATION                | TO  | DOOR SCHEDULE |             |       |        | FRAME     |      | FIRE RATING LABEL |                                  | REMARKS |
|--------|--------------------|-------------------------|-----|---------------|-------------|-------|--------|-----------|------|-------------------|----------------------------------|---------|
|        |                    |                         |     | TYPE          | MATERIAL    | WIDTH | HEIGHT | THICKNESS | TYPE | MATERIAL          | AS SHOWN                         |         |
| 01     | ELEVATOR VESTIBULE | ELEVATOR MACHINE ROOM A | AMB | HS            | 7' 6" - 41" | 7' 0" | 5 1/2" | A         | HS   | AS SHOWN          | SELF-CLOSING & SELF-LOCKING DOOR |         |

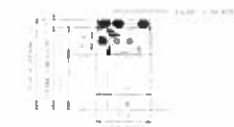
- NOTES:
1. SEE NOTES TO DRAWING FOR GENERAL NOTES.
  2. THE CONTRACTOR SHALL VERIFY THE EXISTING AND PROPOSED CONDITIONS FOR ALL DOORS.
  3. VERIFY ALL WORK IS DONE AS SHOWN ON THESE DRAWINGS.
  4. VERIFY ALL WORK IS DONE AS SHOWN ON THESE DRAWINGS.
  5. VERIFY ALL WORK IS DONE AS SHOWN ON THESE DRAWINGS.
  6. VERIFY ALL WORK IS DONE AS SHOWN ON THESE DRAWINGS.
  7. VERIFY ALL WORK IS DONE AS SHOWN ON THESE DRAWINGS.
  8. VERIFY ALL WORK IS DONE AS SHOWN ON THESE DRAWINGS.

**ARLINGTON**  
 DEPARTMENT OF ENVIRONMENTAL SERVICES  
 1120 2ND STREET, N.W.  
 ARLINGTON, VA 22202  
 TEL: 703-246-2000  
 FAX: 703-246-2001

DATE: 11-20-2009  
 DRAWN BY: J. J. [Signature]  
 APPROVED BY: [Signature]  
 PROJECT NO.: [Blank]  
 SHEET NO.: [Blank]  
 TOTAL SHEETS: [Blank]



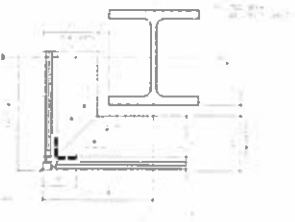
1 STOREFRONT ELEVATIONS



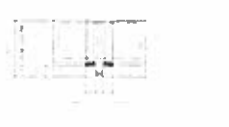
2 SECTION @ MULLION HEAD



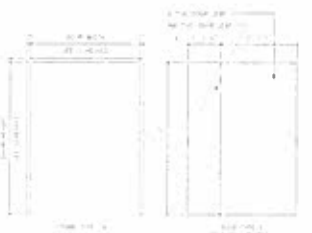
3 SECTION @ HORIZONTAL MULLION



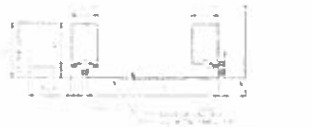
4 CURTAIN WALL @ CORNER CONDITION



5 SECTION @ VERTICAL MULLION



6 DOOR & FRAME TYPE



7 SECTION @ STOREFRONT JAMB



8 SECTION @ SILL



9 JAMB DETAIL A



10 HEAD DETAIL B



11 SILL DETAIL C

Project Name and Location: Pentagon City Station Elevator Project  
 Draw and Window Schedule  
 South Hayes Street A-6(d)  
 Drawing: L1  
 Sheets: 22  
 Checked: [Blank]  
 Material Transmittal: [Blank]  
 Date: 11/20/09  
 File: J:\Projects\241817  
 Plotted: 11/20/09 1:02:11 PM  
 Plotted by: [Blank]  
 Scale: As indicated  
 100% PLANS - FOR CONSTRUCTION  
 26 OF 68

- LEGEND**
- 1. SIGN TYPE 1
  - 2. SIGN TYPE 2
  - 3. SIGN TYPE 3
  - 4. SIGN TYPE 4
  - 5. SIGN TYPE 5
- NOTES**
1. ALL SIGNAGE SHALL BE MOUNTED TO THE EXTERIOR OF THE BUILDING.
  2. ALL SIGNAGE SHALL BE MOUNTED TO THE EXTERIOR OF THE BUILDING.
  3. ALL SIGNAGE SHALL BE MOUNTED TO THE EXTERIOR OF THE BUILDING.
  4. ALL SIGNAGE SHALL BE MOUNTED TO THE EXTERIOR OF THE BUILDING.
  5. ALL SIGNAGE SHALL BE MOUNTED TO THE EXTERIOR OF THE BUILDING.



9 SIGNAGE LOCATION MAP - MEZZANINE LEVEL PLAN



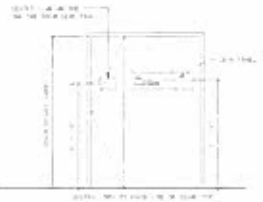
10 SIGNAGE LOCATION MAP - PLAZA LEVEL



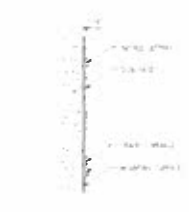
11 METRO LOGO ON GLASS



7 WALL MOUNTING ELEVATION



6 DOOR MOUNTING ELEVATION



5 WALL MOUNTING SECTION



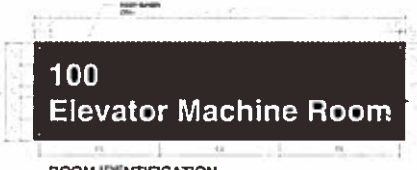
4 WALL MOUNTED SIGNAGE TYPE 4



3 DIRECTIONAL SIGNAGE TYPE 3



2 EXTERIOR STATION NAME SIGN TYPE 2



1 ROOM IDENTIFICATION SIGNAGE TYPE 1



|             |  |
|-------------|--|
| Project No. |  |
| Client      |  |
| Location    |  |
| Date        |  |

Pentagon City Station  
 Elevator Project  
 Signage Details  
 South Hayes Street  
 A-701

Checked: J.P.P.  
 Drawn: J.C.S.  
 Plotted: M.S.  
 Date: 1/15/2010

100% PLANS - FOR CONSTRUCTION

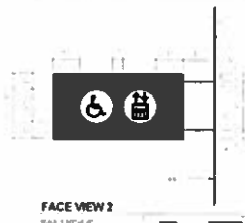
Sheet 27 OF 68



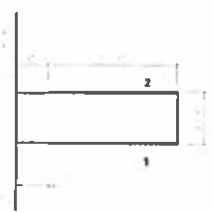
**FACE VIEW 1**  
SCALE 1/8"=1'-0"



**SECTION**  
SCALE 1/8"=1'-0"



**FACE VIEW 2**  
SCALE 1/8"=1'-0"



**PLAN VIEW**  
SCALE 1/8"=1'-0"



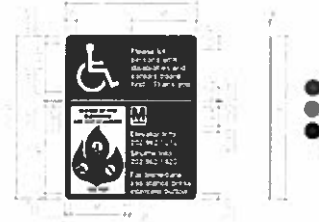
**SIGN HEIGHT**  
SCALE 1/8"=1'-0"

**1 WALL MOUNTED SIGNAGE**  
AS SHOWN

- NOTES**
1. FIELD VERIFY ALL DIMENSIONS FOR ALL TOOLS TO VERIFY FINISH OF SIGN.
  2. FIELD VERIFY MANUFACTURE OF SIGN, SIGN MATERIAL, AND SIGN MOUNTING TO BE IDENTICAL TO WHAT IS SHOWN ON THIS SHEET.
  3. WALL MOUNTING SHALL BE PERFORMED BY A LICENSED PAINTER.
  4. CONTRACTOR SHALL VERIFY THE LETTERS AND SYMBOLS SHALL BE THE SAME AS SHOWN.



**2 ELEVATOR BRAILLE SIGN**



**3 ELEVATOR SAFETY INFORMATION SIGN**

**Arlington**  
FIRE & POLICE  
DEPARTMENT OF ENVIRONMENTAL SERVICES  
3100 17th Street, N.W.  
Arlington, VA 22209  
Phone: 703.246.2000  
Fax: 703.246.2000



Approved: \_\_\_\_\_ Date: \_\_\_\_\_  
 Prepared by: \_\_\_\_\_  
 Checked by: \_\_\_\_\_  
 Drawn by: \_\_\_\_\_  
 Title: \_\_\_\_\_

Project Name and Location:  
**Pentagon City Station  
 Elevator Project**  
 Signature: \_\_\_\_\_  
 South Hayes Street  
 A-701A

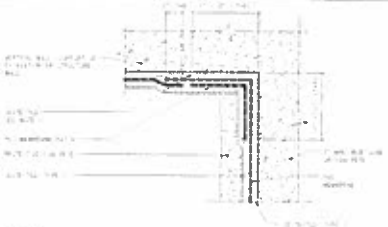
Drawn by: \_\_\_\_\_  
 Checked by: \_\_\_\_\_  
 Title: \_\_\_\_\_  
 Date: \_\_\_\_\_  
**IFPG PLANS - FOR CONSTRUCTION**  
 Sheet **28 OF 68**



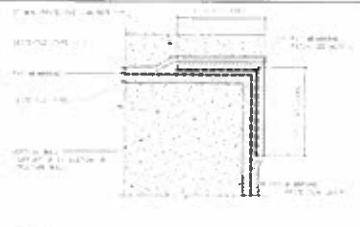








1 AT INSIDE CORNER



2 AT OUTSIDE CORNER

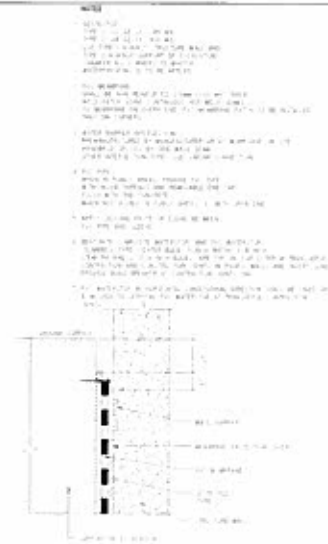
TYP. WATERPROOFING SLAB / WALL TRANSITION



3 AT VERTICAL INSIDE CORNER



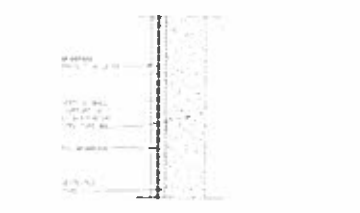
4 WATERPROOFING TRANSITION - OUTSIDE CORNERS



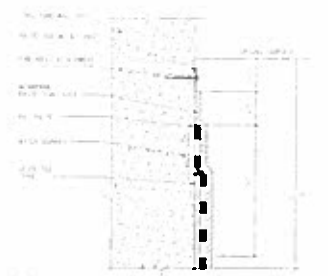
5 AT SUPPORT OF EXCAVATION WALL



6 WATERPROOFING TERMINATION DETAIL



7 WATERPROOFING DETAIL AT VERTICAL WALLS



8 AT STRUCTURE WALL

**NOTES:**

1. SEE SPECIFICATIONS FOR MATERIALS AND METHODS.
2. ALL WATERPROOFING SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
3. ALL JOINTS SHALL BE REINFORCED WITH 2#4 BARS.
4. ALL WALLS SHALL BE FINISHED WITH A 1/2" THICK CONCRETE SURFACE.
5. ALL WALLS SHALL BE FINISHED WITH A 1/2" THICK CONCRETE SURFACE.
6. ALL WALLS SHALL BE FINISHED WITH A 1/2" THICK CONCRETE SURFACE.
7. ALL WALLS SHALL BE FINISHED WITH A 1/2" THICK CONCRETE SURFACE.
8. ALL WALLS SHALL BE FINISHED WITH A 1/2" THICK CONCRETE SURFACE.



DEPARTMENT OF ENVIRONMENTAL SERVICES  
11-20-08



|           |          |
|-----------|----------|
| Scale:    | As Shown |
| Author:   | J.S.     |
| Checked:  | J.S.     |
| Approved: | J.S.     |
| Date:     | 11-20-08 |

Pentagon City Station  
Elevator Project  
Waterproofing Sheet 2 of 4  
South Lynn Street  
AWP-102

Checked: J.S.  
Drawn: J.S.  
Title: Waterproofing  
Date: 11-20-08  
Scale: As Shown

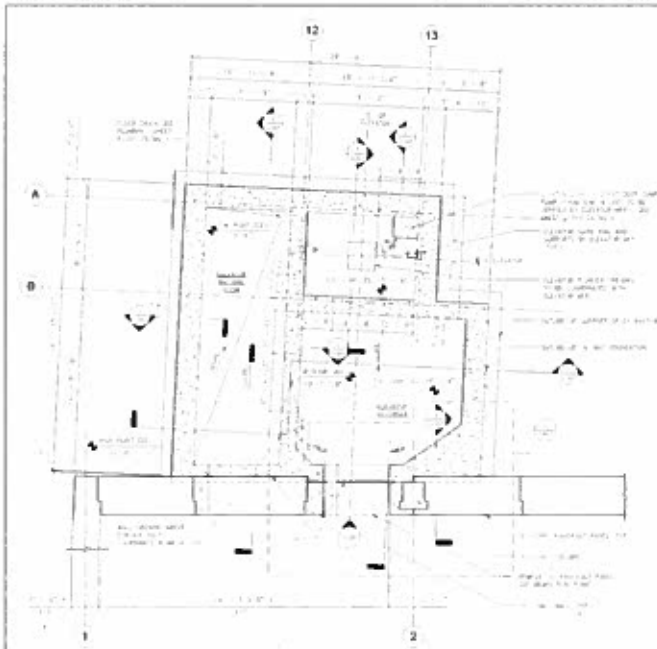
FOR PLANS - FOR CONSTRUCTION



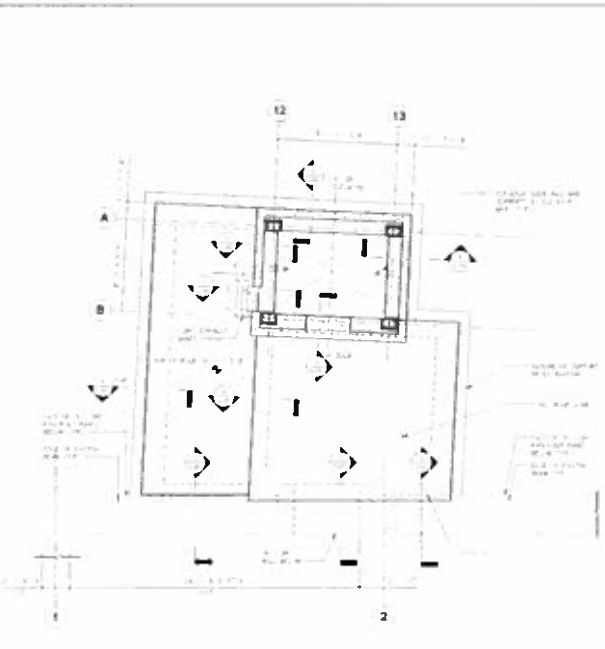








1 ELEVATOR MEZZANINE PLAN



2 ELEVATOR PLAZA ROOF SLAB PLAN



ARLINGTON  
VIRGINIA  
DEPARTMENT OF ENVIRONMENTAL SERVICES

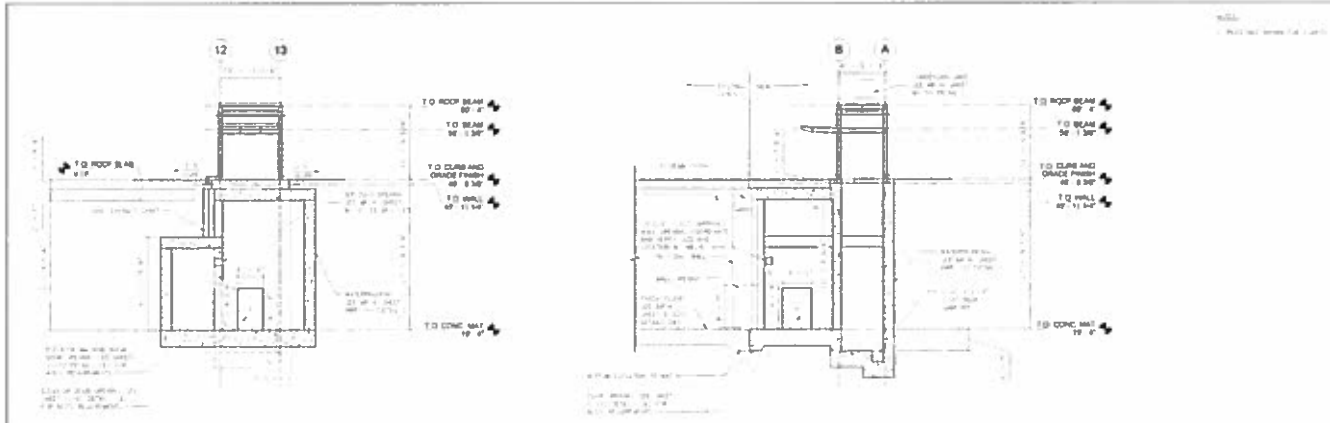


|                      |      |
|----------------------|------|
| Applicant:           | City |
| Project Name:        |      |
| Project No.:         |      |
| Project Location:    |      |
| Project Description: |      |
| Project Status:      |      |
| Project Date:        |      |
| Project Budget:      |      |
| Project Contact:     |      |
| Project Phone:       |      |
| Project Email:       |      |

Pentagon City Station  
Elevator Project  
Elevator Mezzanine and Plaza Plans  
South Hayes Street  
S-102

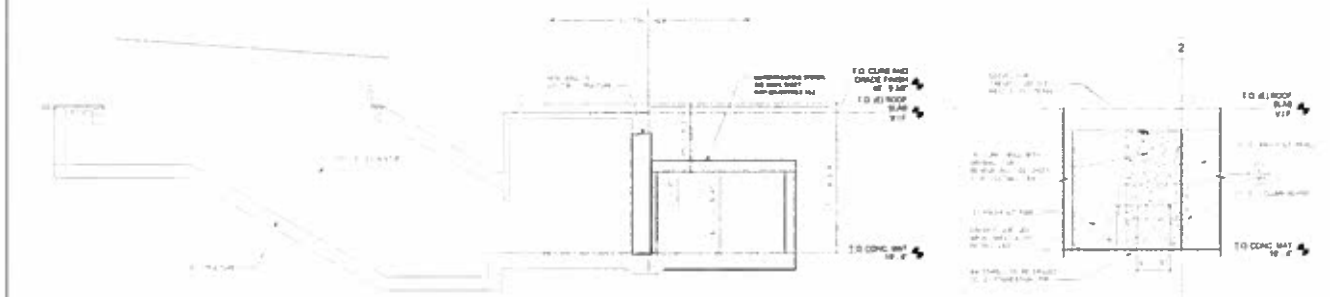
Designed: JTD  
 Drawn: JTD  
 Checked: VSD  
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 Printed: 07/11/07 10:11 PM  
 Printed by:  
 Scale: 1/8" = 1'-0"  
 HDS PLANS - 100  
 CONSTRUCTION  
 37 OF 68





1 ELEVATOR SECTION @ ELEVATOR VESTIBULE

2 ELEVATOR SECTION @ KNOCKOUT PANEL



3 ELEVATOR SECTION @ MACHINE ROOM

4 ELEVATOR KNOCKOUT PANEL ELEVATION

SCALE  
1" = 1'-0"

**ARLINGTON**  
DEPARTMENT OF ENVIRONMENTAL SERVICES

Sealed

Approved: \_\_\_\_\_ Date: \_\_\_\_\_

Reviewed: \_\_\_\_\_ Date: \_\_\_\_\_

DESIGNED BY: \_\_\_\_\_  
CHECKED BY: \_\_\_\_\_  
DRAWN BY: \_\_\_\_\_

PROJECT: Pentagon City Station Elevator Project  
Elevators  
Sheet: S-201  
South Hayes Street

DESIGNED BY: \_\_\_\_\_  
CHECKED BY: \_\_\_\_\_  
DRAWN BY: \_\_\_\_\_

DATE: 11/11/11  
SCALE: 1/8" = 1'-0"

**IRIS PLANS FOR CONSTRUCTION**

39 OF 68



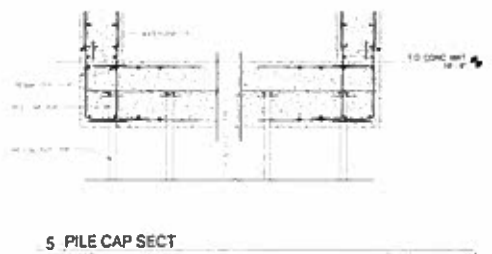
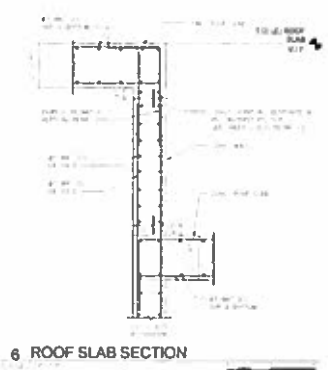
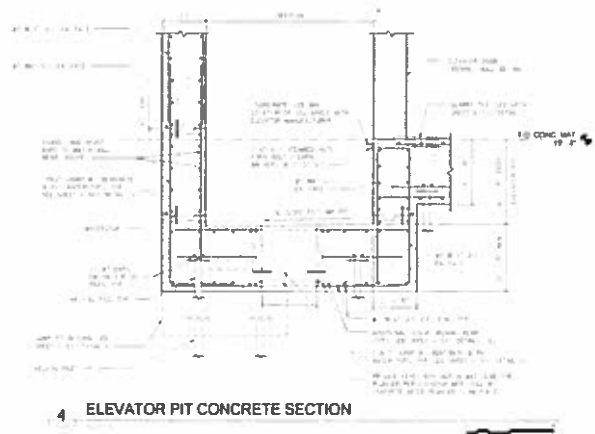
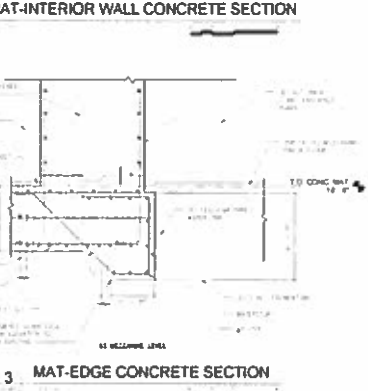
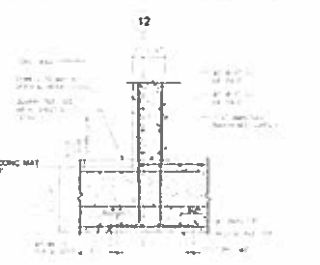
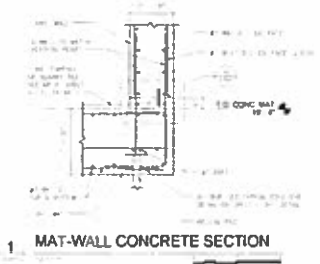


| Revisions | Date |
|-----------|------|
|           |      |
|           |      |
|           |      |
|           |      |
|           |      |
|           |      |
|           |      |
|           |      |
|           |      |

Pentagon City Station  
Elevator Project  
Concrete Sections  
South Hayes Street  
S-301

Drawn: JTD  
Checked: JTD  
Reviewed: JTD  
Date: 11/11/07

100% PLANS - FOR CONSTRUCTION



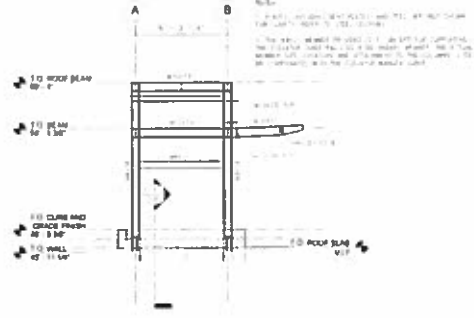




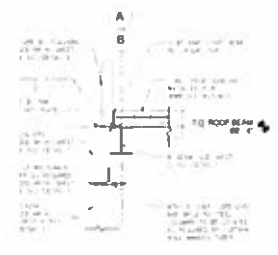
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|--------------|--|
| Scale:       |  |
| Author:      |  |
| Checker:     |  |
| Engineer:    |  |
| Project No.: |  |
| Sheet No.:   |  |
| Revision:    |  |

Pentagon City Station  
Elevator Project  
Sheet Sections  
South Flays, Sheet  
S-303

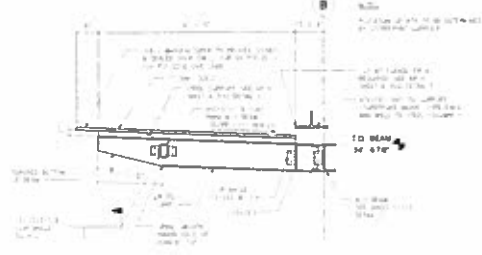
Designed: J.T.G.  
Checked: J.S.G.  
Drawn: J.S.G.  
Date: 11/11/87  
Scale: As Shown  
Sheet No. 42 OF 68



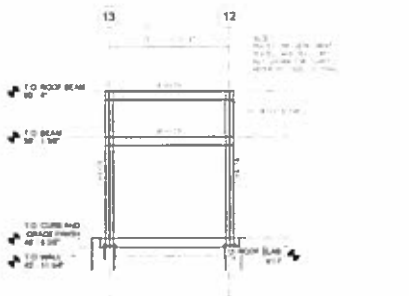
1 ELEVATOR HEADHOUSE ELEVATION AT GRID LINE 1



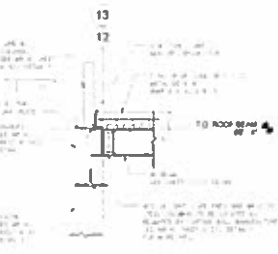
3 ROOF FRAMING SECTION



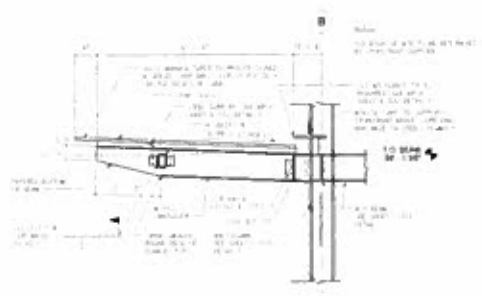
5 CANOPY FRAMING SECTION



2 ELEVATOR HEADHOUSE ELEVATION AT GRID LINE A



4 ROOF FRAMING SECTION



6 CANOPY FRAMING SECTION

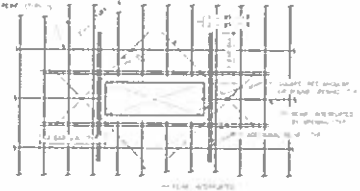




| Approvals       | Date |
|-----------------|------|
| PROJECT MANAGER |      |
| DESIGNER        |      |
| CHECKER         |      |
| APPROVED BY     |      |
| DATE            |      |

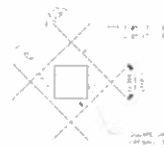
Pentagon City Station  
Elevator Project  
Typical Concrete Details  
South Hayes Street  
S-501

Issued: 8/10  
Drawn: JLS  
Checked: ABD  
Scale: As Shown  
Project: 310 0000 - 5th Floor  
Sheet: S-501 of 68  
10% PLANS - FOR CONSTRUCTION



1. REINFORCING SHALL BE LAPPED OR WELDED AT THE CORNER OF THE OPENING.  
2. THE REINFORCING SHALL BE LAPPED OR WELDED AT THE CORNER OF THE OPENING.  
3. THE REINFORCING SHALL BE LAPPED OR WELDED AT THE CORNER OF THE OPENING.

**1 ADDITIONAL REINF. REQUIRED AT FLOOR AND WALL OPENING (WHERE REINFORCING IS INTERRUPTED)**



1. REINFORCING SHALL BE LAPPED OR WELDED AT THE CORNER OF THE OPENING.  
2. THE REINFORCING SHALL BE LAPPED OR WELDED AT THE CORNER OF THE OPENING.  
3. THE REINFORCING SHALL BE LAPPED OR WELDED AT THE CORNER OF THE OPENING.

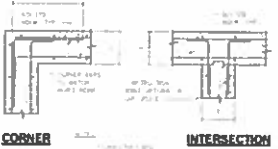
**2 ADDITIONAL REINF. REQUIRED AT FLOOR AND WALL OPENING (WHERE REINFORCING IS NOT INTERRUPTED)**



**3 SILL AT ELEVATOR DETAIL**



**4 TYPICAL WALL ISOLATION JOINT (IJ) DETAIL**



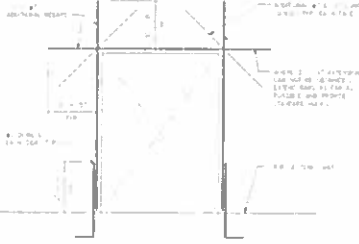
**5 TYPICAL WALL CORNER & INTERSECTION DETAILS**



**8 TYP. ADDTL REINF. AT ROOF SLAB CORNER**



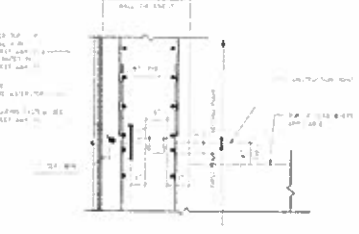
**6 TYPICAL SUMP PIT DETAIL**



**9 TYPICAL ADDTL WALL REINF. AT DOOR OPENING**



**7 TYPICAL EDGE/END REINF. DETAIL**



**10 TYPICAL CONSTRUCTION JOINT DETAIL**

**CONCRETE REINFORCING DEVELOPMENT LENGTH (L<sub>d</sub>) AND LAP SPICE**

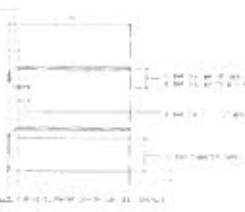
| Bar Size | Concrete Strength (f' <sub>c</sub> ) | Development Length (L <sub>d</sub> ) |
|----------|--------------------------------------|--------------------------------------|
| #3       | 3000                                 | 12d                                  |
| #4       | 3000                                 | 16d                                  |
| #5       | 3000                                 | 20d                                  |
| #6       | 3000                                 | 24d                                  |
| #7       | 3000                                 | 28d                                  |
| #8       | 3000                                 | 32d                                  |
| #9       | 3000                                 | 36d                                  |
| #10      | 3000                                 | 40d                                  |
| #11      | 3000                                 | 44d                                  |
| #12      | 3000                                 | 48d                                  |
| #14      | 3000                                 | 56d                                  |
| #16      | 3000                                 | 64d                                  |
| #18      | 3000                                 | 72d                                  |
| #20      | 3000                                 | 80d                                  |
| #22      | 3000                                 | 88d                                  |
| #24      | 3000                                 | 96d                                  |
| #30      | 3000                                 | 120d                                 |
| #36      | 3000                                 | 144d                                 |
| #42      | 3000                                 | 168d                                 |
| #48      | 3000                                 | 192d                                 |
| #54      | 3000                                 | 216d                                 |
| #60      | 3000                                 | 240d                                 |
| #3       | 4000                                 | 8d                                   |
| #4       | 4000                                 | 10d                                  |
| #5       | 4000                                 | 12d                                  |
| #6       | 4000                                 | 14d                                  |
| #7       | 4000                                 | 16d                                  |
| #8       | 4000                                 | 18d                                  |
| #9       | 4000                                 | 20d                                  |
| #10      | 4000                                 | 22d                                  |
| #11      | 4000                                 | 24d                                  |
| #12      | 4000                                 | 26d                                  |
| #14      | 4000                                 | 30d                                  |
| #16      | 4000                                 | 34d                                  |
| #18      | 4000                                 | 38d                                  |
| #20      | 4000                                 | 42d                                  |
| #22      | 4000                                 | 46d                                  |
| #24      | 4000                                 | 50d                                  |
| #30      | 4000                                 | 60d                                  |
| #36      | 4000                                 | 72d                                  |
| #42      | 4000                                 | 84d                                  |
| #48      | 4000                                 | 96d                                  |
| #54      | 4000                                 | 108d                                 |
| #60      | 4000                                 | 120d                                 |

| Bar Size | Concrete Strength (f' <sub>c</sub> ) | Development Length (L <sub>d</sub> ) |
|----------|--------------------------------------|--------------------------------------|
| #3       | 5000                                 | 6d                                   |
| #4       | 5000                                 | 8d                                   |
| #5       | 5000                                 | 10d                                  |
| #6       | 5000                                 | 12d                                  |
| #7       | 5000                                 | 14d                                  |
| #8       | 5000                                 | 16d                                  |
| #9       | 5000                                 | 18d                                  |
| #10      | 5000                                 | 20d                                  |
| #11      | 5000                                 | 22d                                  |
| #12      | 5000                                 | 24d                                  |
| #14      | 5000                                 | 28d                                  |
| #16      | 5000                                 | 32d                                  |
| #18      | 5000                                 | 36d                                  |
| #20      | 5000                                 | 40d                                  |
| #22      | 5000                                 | 44d                                  |
| #24      | 5000                                 | 48d                                  |
| #30      | 5000                                 | 58d                                  |
| #36      | 5000                                 | 70d                                  |
| #42      | 5000                                 | 82d                                  |
| #48      | 5000                                 | 94d                                  |
| #54      | 5000                                 | 106d                                 |
| #60      | 5000                                 | 118d                                 |

**Notes:**

1. DEVELOPMENT LENGTH (L<sub>d</sub>) IS THE MINIMUM LENGTH OF BAR REQUIRED TO DEVELOP THE FULL TENSILE STRENGTH OF THE BAR.
2. DEVELOPMENT LENGTH (L<sub>d</sub>) IS THE MINIMUM LENGTH OF BAR REQUIRED TO DEVELOP THE FULL TENSILE STRENGTH OF THE BAR.
3. DEVELOPMENT LENGTH (L<sub>d</sub>) IS THE MINIMUM LENGTH OF BAR REQUIRED TO DEVELOP THE FULL TENSILE STRENGTH OF THE BAR.
4. DEVELOPMENT LENGTH (L<sub>d</sub>) IS THE MINIMUM LENGTH OF BAR REQUIRED TO DEVELOP THE FULL TENSILE STRENGTH OF THE BAR.
5. DEVELOPMENT LENGTH (L<sub>d</sub>) IS THE MINIMUM LENGTH OF BAR REQUIRED TO DEVELOP THE FULL TENSILE STRENGTH OF THE BAR.
6. DEVELOPMENT LENGTH (L<sub>d</sub>) IS THE MINIMUM LENGTH OF BAR REQUIRED TO DEVELOP THE FULL TENSILE STRENGTH OF THE BAR.
7. DEVELOPMENT LENGTH (L<sub>d</sub>) IS THE MINIMUM LENGTH OF BAR REQUIRED TO DEVELOP THE FULL TENSILE STRENGTH OF THE BAR.
8. DEVELOPMENT LENGTH (L<sub>d</sub>) IS THE MINIMUM LENGTH OF BAR REQUIRED TO DEVELOP THE FULL TENSILE STRENGTH OF THE BAR.
9. DEVELOPMENT LENGTH (L<sub>d</sub>) IS THE MINIMUM LENGTH OF BAR REQUIRED TO DEVELOP THE FULL TENSILE STRENGTH OF THE BAR.
10. DEVELOPMENT LENGTH (L<sub>d</sub>) IS THE MINIMUM LENGTH OF BAR REQUIRED TO DEVELOP THE FULL TENSILE STRENGTH OF THE BAR.

**6 CONCRETE REINFORCING DEVELOPMENT LENGTH (L<sub>d</sub>) AND LAP SPICE**



**2 TYPICAL STANDARD HOOK**



Approved: \_\_\_\_\_ Date: \_\_\_\_\_  
 Checked: \_\_\_\_\_ Date: \_\_\_\_\_  
 Drawn: \_\_\_\_\_ Date: \_\_\_\_\_  
 Title: \_\_\_\_\_

James H. Thomas and Associates  
**Pentagon City Station  
 Elevator Project**  
 Typical Concrete Details  
 South Hayes Street  
 S-502

Designed: JTD  
 Drawn: JAS  
 Checked: JSD  
 Issue: 1/24/2008  
 Scale: 1/4" = 1'-0"  
**100% PLANS - FOR CONSTRUCTION**  
 Sheet: **45 OF 68**



| Approved | Date |
|----------|------|
|          |      |
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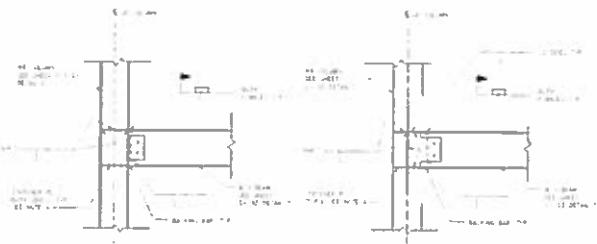
Project Name and Location  
**Pentagon City Station  
Elevator Project**  
Typical Steel Details  
South Hayes Street  
S-503

Drawn: JTD  
Checked: JLS  
Reviewed: VSD  
Date: 12/15/2011

Project: 254 9872 & 254 9873  
File: S-503-254 9872  
Plot: 01/23/2012 11:19 AM  
Printed by: JTD

100% PLANS - FOR  
CONSTRUCTION

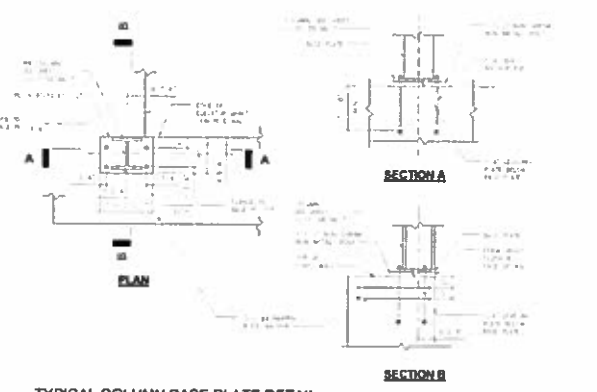
Sheet  
**46 OF 68**



**BEAM TO COLUMN FLANGE CONNECTION**      **BEAM TO COLUMN WEB CONNECTION**

- 1. SEE DETAILS OF THE **CONCRETE** CONNECTIONS UNDER AND OVER THE BEAM CONNECTIONS.
- 2. NUMBER AND SIZE OF BOLTS AS PER AISC.
- 3. THE END OF BEAM TO BE WELDED TO COLUMN FLANGE.
- 4. WELD TO BE FULL PENETRATION BUTT JOINT.
- 5. WELD TO BE FULL PENETRATION BUTT JOINT.
- 6. WELD TO BE FULL PENETRATION BUTT JOINT.
- 7. WELD TO BE FULL PENETRATION BUTT JOINT.
- 8. WELD TO BE FULL PENETRATION BUTT JOINT.

**TYP. BEAM TO COLUMN MOMENT CONNECTION  
DETAIL - FULLY RIGID**



**TYPICAL COLUMN BASE PLATE DETAIL**

| HEAT PUMP UNIT SCHEDULE |                      |                       |              |              |                     |                     |                      |                  |                |    |     |       |            |     |       |       |    |     |      |       |     |
|-------------------------|----------------------|-----------------------|--------------|--------------|---------------------|---------------------|----------------------|------------------|----------------|----|-----|-------|------------|-----|-------|-------|----|-----|------|-------|-----|
| UNITS                   | BASIS OF DESIGN UNIT | BASIS OF DESIGN MODEL | COOLING UNIT | HEATING UNIT | HEATING UNIT @ 47°F | HEATING UNIT @ 77°F | REFRIGERANT QUANTITY | REFRIGERANT TYPE | COMPRESSOR FAN |    |     |       | COMPRESSOR |     | VOLTS | PHASE | HZ | MCA | NOCP | NOTES |     |
|                         |                      |                       |              |              |                     |                     |                      |                  | CFM            | NO | PLA | WATTS | NO         | BLA |       |       |    |     |      |       | LBA |
| HP-1                    | HP-10000             | HP-10000              | HP-1         | HP-1         | HP-1                | HP-1                | 1.000                | R-410A           | 1              | 1  | 1   | 1     | 1          | 1   | 1     | 1     | 1  | 1   | 1    | 1     | 1   |

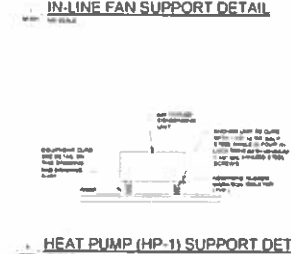
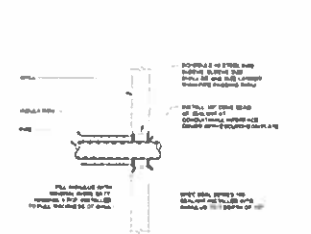
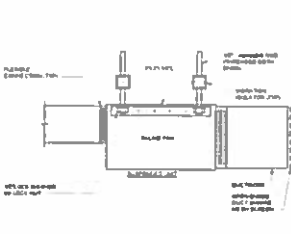
- NOTES:
1. PROVIDE A SEPARATE SUPPORT FOR EACH UNIT. PROVIDE A SEPARATE SUPPORT FOR EACH UNIT. PROVIDE A SEPARATE SUPPORT FOR EACH UNIT.
  2. PROVIDE A SEPARATE SUPPORT FOR EACH UNIT. PROVIDE A SEPARATE SUPPORT FOR EACH UNIT. PROVIDE A SEPARATE SUPPORT FOR EACH UNIT.
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  10. PROVIDE A SEPARATE SUPPORT FOR EACH UNIT. PROVIDE A SEPARATE SUPPORT FOR EACH UNIT. PROVIDE A SEPARATE SUPPORT FOR EACH UNIT.

| FAN COIL SCHEDULE |                      |                       |       |             |            |              |                       |     |     |       |       |    |       |
|-------------------|----------------------|-----------------------|-------|-------------|------------|--------------|-----------------------|-----|-----|-------|-------|----|-------|
| UNITS             | BASIS OF DESIGN UNIT | BASIS OF DESIGN MODEL | CFM   | ESP IN W.G. | TOTAL W.G. | REHABLE W.G. | SOUND TEMP. @ 5' AWAY | MCA | PLA | VOLTS | PHASE | HZ | NOTES |
|                   |                      |                       |       |             |            |              |                       |     |     |       |       |    |       |
| FC-1              | FC-10000             | FC-10000              | 10000 | 0.5         | 1.0        | 0.5          | 1.0                   | 1   | 1   | 1     | 1     | 1  | 1     |

- NOTES:
1. PROVIDE A SEPARATE SUPPORT FOR EACH UNIT. PROVIDE A SEPARATE SUPPORT FOR EACH UNIT. PROVIDE A SEPARATE SUPPORT FOR EACH UNIT.
  2. PROVIDE A SEPARATE SUPPORT FOR EACH UNIT. PROVIDE A SEPARATE SUPPORT FOR EACH UNIT. PROVIDE A SEPARATE SUPPORT FOR EACH UNIT.
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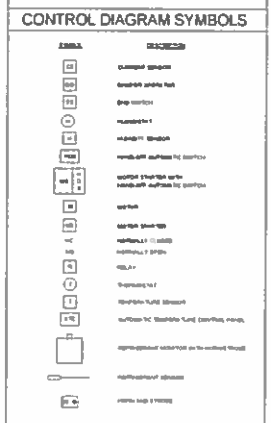
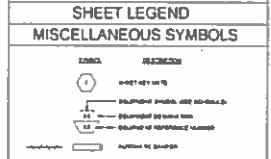
| FAN SCHEDULE |          |          |          |       |      |                     |        |       |     |       |       |      |    |   |
|--------------|----------|----------|----------|-------|------|---------------------|--------|-------|-----|-------|-------|------|----|---|
| UNITS        | UNITS    | MODEL    | TYPE     | CFM   | RPM  | EXTERNAL SPIN RATIO | DRIVE  | MOTOR |     |       |       | NOTE |    |   |
|              |          |          |          |       |      |                     |        | RPM   | HP  | VOLTS | PHASE |      | HZ |   |
| FC-1         | FC-10000 | FC-10000 | FC-10000 | 10000 | 1000 | 1.0                 | DIRECT | 1000  | 0.5 | 120   | 1     | 60   | 1  | 1 |

- NOTES:
1. PROVIDE A SEPARATE SUPPORT FOR EACH UNIT. PROVIDE A SEPARATE SUPPORT FOR EACH UNIT. PROVIDE A SEPARATE SUPPORT FOR EACH UNIT.
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  3. PROVIDE A SEPARATE SUPPORT FOR EACH UNIT. PROVIDE A SEPARATE SUPPORT FOR EACH UNIT. PROVIDE A SEPARATE SUPPORT FOR EACH UNIT.



**GENERAL SHEET NOTES**

1. FOR ALL DIMENSIONS, PROVIDE AND VERIFY THE SEE DIMENSION ON SHEET.



**ABBREVIATIONS**

| SYMBOL | DESCRIPTION |
|--------|-------------|
| HP     | HEAT PUMP   |
| FC     | FAN COIL    |
| HP     | HEAT PUMP   |
| FC     | FAN COIL    |
| HP     | HEAT PUMP   |
| FC     | FAN COIL    |

**ARLINGTON**  
TRIALS

DEPARTMENT OF ENVIRONMENTAL SERVICES

Project Name and Location: Pentagon City Station Elevator Project

Legend, Schedule and Details

South Hayes Street Mall

Checked: [ ]  
Designed: [ ]  
Plotted: [ ]  
Plotted by: [ ]

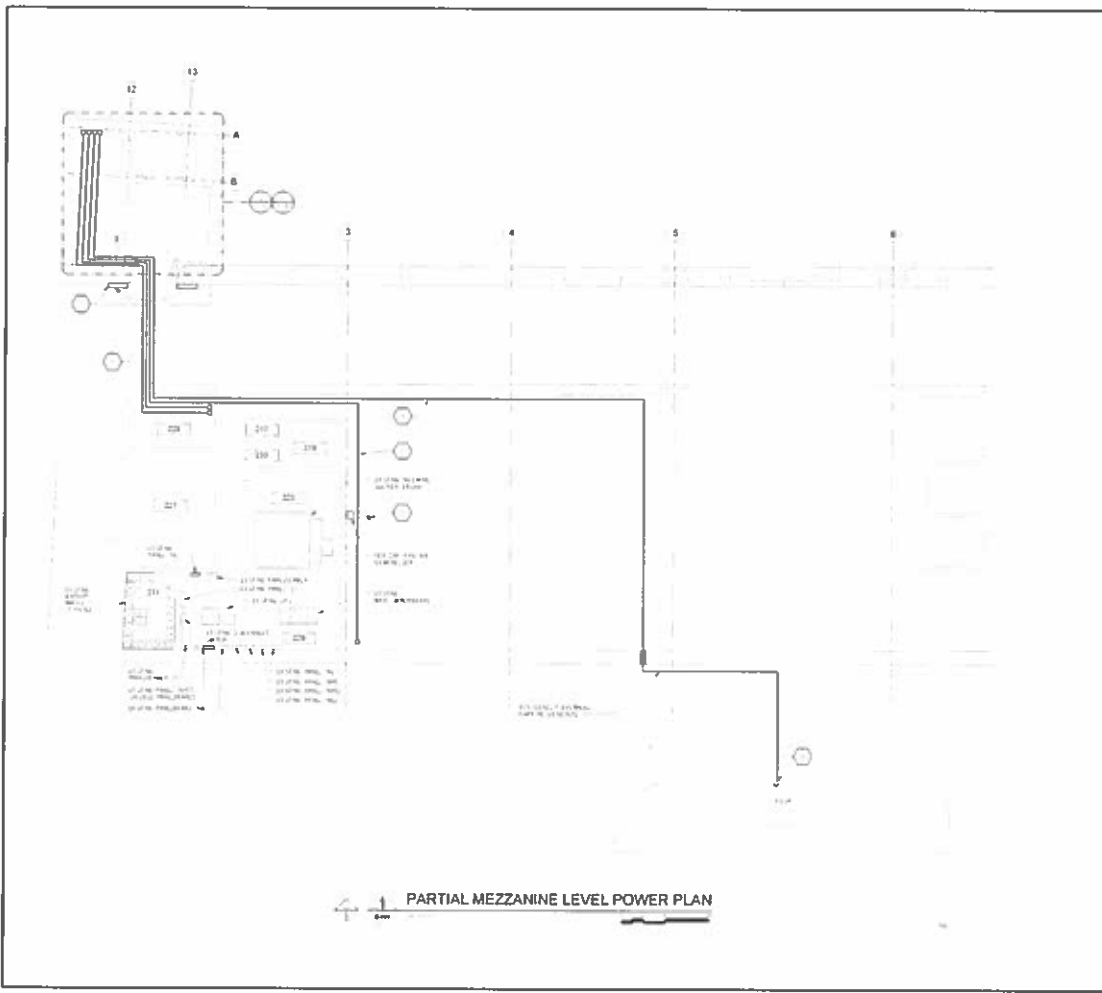
47 OF 68











**PARTIAL MEZZANINE LEVEL POWER PLAN**

**GENERAL SHEET NOTES**

- SEE SHEET 51 FOR THE GENERAL ELECTRICAL PLAN FOR THE MEZZANINE LEVEL.
- SEE SHEET 52 FOR THE GENERAL ELECTRICAL PLAN FOR THE MEZZANINE LEVEL.
- SEE SHEET 53 FOR THE GENERAL ELECTRICAL PLAN FOR THE MEZZANINE LEVEL.
- SEE SHEET 54 FOR THE GENERAL ELECTRICAL PLAN FOR THE MEZZANINE LEVEL.
- SEE SHEET 55 FOR THE GENERAL ELECTRICAL PLAN FOR THE MEZZANINE LEVEL.

**SHEET KEYNOTES**

- PRICE - SEE SHEET 51 FOR THE GENERAL ELECTRICAL PLAN FOR THE MEZZANINE LEVEL.
- PRICE - SEE SHEET 52 FOR THE GENERAL ELECTRICAL PLAN FOR THE MEZZANINE LEVEL.
- PRICE - SEE SHEET 53 FOR THE GENERAL ELECTRICAL PLAN FOR THE MEZZANINE LEVEL.
- PRICE - SEE SHEET 54 FOR THE GENERAL ELECTRICAL PLAN FOR THE MEZZANINE LEVEL.
- PRICE - SEE SHEET 55 FOR THE GENERAL ELECTRICAL PLAN FOR THE MEZZANINE LEVEL.

**ARLINGTON**  
 DEPARTMENT OF ENVIRONMENTAL SERVICES

**Project Name and Location:**  
 Pentagon City Station  
 Elevator Project  
 Partial Mezzanine Level Power Plan  
 South Hayes Street  
 E-101

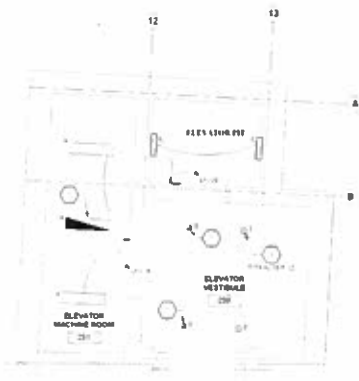
**Drawn by:** J.S.  
**Checked by:** J.S.  
**Scale:** 1" = 4'

**DATE:** 11/10/11  
**PLANNED BY:** J.S.  
**PLANNED DATE:** 11/10/11  
**PLANNED TIME:** 11:00 AM

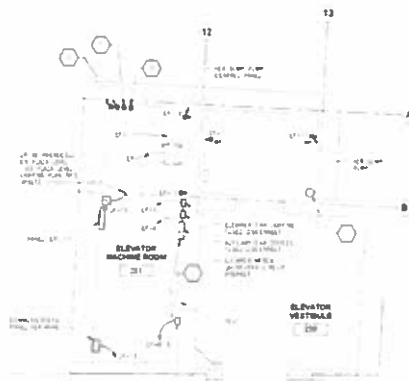
**FOR PLANS - FOR CONSTRUCTION**

**Sheet 51 OF 68**

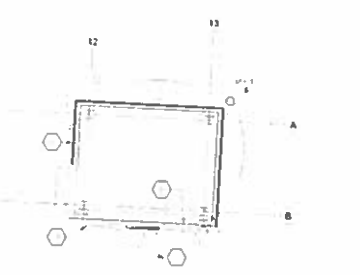
Pentagon City Station Second Elevator Project



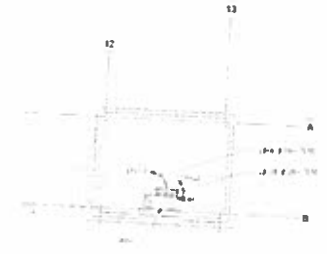
1 ENLARGED ELEVATOR LIGHTING PLAN



2 ENLARGED ELEVATOR POWER PLAN



3 PLAZA LEVEL LIGHTING PLAN



4 PLAZA LEVEL ROOF POWER PLAN

- GENERAL SHEET NOTES**
1. ALL WORK IS TO BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND ALL APPLICABLE LOCAL AND STATE CODES.
  2. ALL WORK SHALL BE IN ACCORDANCE WITH THE NATIONAL FIRE ALARM AND SIGNAL ASSOCIATION (NFPA) CODES.
  3. ALL WORK SHALL BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CONTRACTORS ASSOCIATION (NECA) AND THE NATIONAL BUREAU OF FIRE UNDERWRITERS (NBFU) STANDARDS.
  4. ALL WORK SHALL BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CONTRACTORS ASSOCIATION (NECA) AND THE NATIONAL BUREAU OF FIRE UNDERWRITERS (NBFU) STANDARDS.
  5. ALL WORK SHALL BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CONTRACTORS ASSOCIATION (NECA) AND THE NATIONAL BUREAU OF FIRE UNDERWRITERS (NBFU) STANDARDS.
  6. ALL WORK SHALL BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CONTRACTORS ASSOCIATION (NECA) AND THE NATIONAL BUREAU OF FIRE UNDERWRITERS (NBFU) STANDARDS.
  7. ALL WORK SHALL BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CONTRACTORS ASSOCIATION (NECA) AND THE NATIONAL BUREAU OF FIRE UNDERWRITERS (NBFU) STANDARDS.
  8. ALL WORK SHALL BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CONTRACTORS ASSOCIATION (NECA) AND THE NATIONAL BUREAU OF FIRE UNDERWRITERS (NBFU) STANDARDS.
  9. ALL WORK SHALL BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CONTRACTORS ASSOCIATION (NECA) AND THE NATIONAL BUREAU OF FIRE UNDERWRITERS (NBFU) STANDARDS.
  10. ALL WORK SHALL BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CONTRACTORS ASSOCIATION (NECA) AND THE NATIONAL BUREAU OF FIRE UNDERWRITERS (NBFU) STANDARDS.
- SHEET KEYNOTES**
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  2. ALL WORK SHALL BE IN ACCORDANCE WITH THE NATIONAL FIRE ALARM AND SIGNAL ASSOCIATION (NFPA) CODES.
  3. ALL WORK SHALL BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CONTRACTORS ASSOCIATION (NECA) AND THE NATIONAL BUREAU OF FIRE UNDERWRITERS (NBFU) STANDARDS.
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  10. ALL WORK SHALL BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CONTRACTORS ASSOCIATION (NECA) AND THE NATIONAL BUREAU OF FIRE UNDERWRITERS (NBFU) STANDARDS.

**ARLINGTON**  
 DEPARTMENT OF ENVIRONMENTAL SERVICES

Project Name and Location:  
**Pentagon City Station  
 Elevator Project**  
 Period: Lighting and Power Plans  
 South Layer Street  
 E-102

Drawn: JTB  
 Check: RMT  
 Title: JTB  
 Date: 11/11/11

Scale: 1" = 1'-0"

100% PLANS - FOR CONSTRUCTION

Sheet: 52 OF 68

**SHEET KEYNOTES**  
 1. REFER TO ALL OTHER SHEETS IN THIS PROJECT FOR ALL INFORMATION.  
 2. ALL WORK SHALL BE IN ACCORDANCE WITH THE CITY OF ARLINGTON SPECIFICATIONS AND STANDARDS.  
 3. ALL WORK SHALL BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND ALL APPLICABLE LOCAL ORDINANCES.  
 4. ALL WORK SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY THE CITY OF ARLINGTON.



DEPARTMENT OF ENVIRONMENTAL SERVICES  
 1000 NORTH GLENN AVENUE  
 ARLINGTON, TEXAS 76010  
 TEL: 817.775.2000  
 FAX: 817.775.2001



Approved: \_\_\_\_\_ Date: \_\_\_\_\_

\_\_\_\_\_ Date: \_\_\_\_\_

\_\_\_\_\_ Date: \_\_\_\_\_

\_\_\_\_\_ Date: \_\_\_\_\_

\_\_\_\_\_ Date: \_\_\_\_\_

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\_\_\_\_\_ Date: \_\_\_\_\_

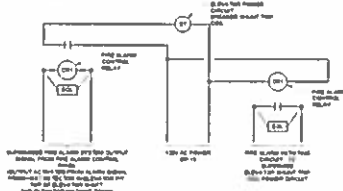
\_\_\_\_\_ Date: \_\_\_\_\_

\_\_\_\_\_ Date: \_\_\_\_\_

| ELEVATOR CONTROLLER SCHEDULE |      |      |       |             |          |      |      |    |       |
|------------------------------|------|------|-------|-------------|----------|------|------|----|-------|
| NO.                          | TYPE | MAKE | MODEL | DESCRIPTION | LOCATION | ROOM | DATE | BY | CHKD. |
| 1                            | 1    | 1    | 1     | 1           | 1        | 1    | 1    | 1  | 1     |



**ELEVATOR CONTROLLER WIRING DIAGRAM**



**SHUNT TRIP WIRING DIAGRAM**

| PANEL | EP (NEW) | NBA, ZS (AC) | LOCATION | ROOM | NO. |
|-------|----------|--------------|----------|------|-----|
|       |          |              |          |      |     |

| PANEL | EP (NEW) | NBA, ZS (AC) | LOCATION | ROOM | NO. |
|-------|----------|--------------|----------|------|-----|
|       |          |              |          |      |     |

| PANEL | EP (EXISTING) | SECTION | LOCATION | ROOM | NO. |
|-------|---------------|---------|----------|------|-----|
|       |               |         |          |      |     |

| PANEL | EP (EXISTING) | LOCATION | ROOM | NO. |
|-------|---------------|----------|------|-----|
|       |               |          |      |     |

Pentagon City Station  
 Elevator Project  
 Wiring Diagrams and Panel Schedule  
 South Layer Street  
 E-441

Drawn: JTB  
 Traced: BMT  
 Checked: JTB  
 Issue: To be issued

100% PLANS - FOR CONSTRUCTION

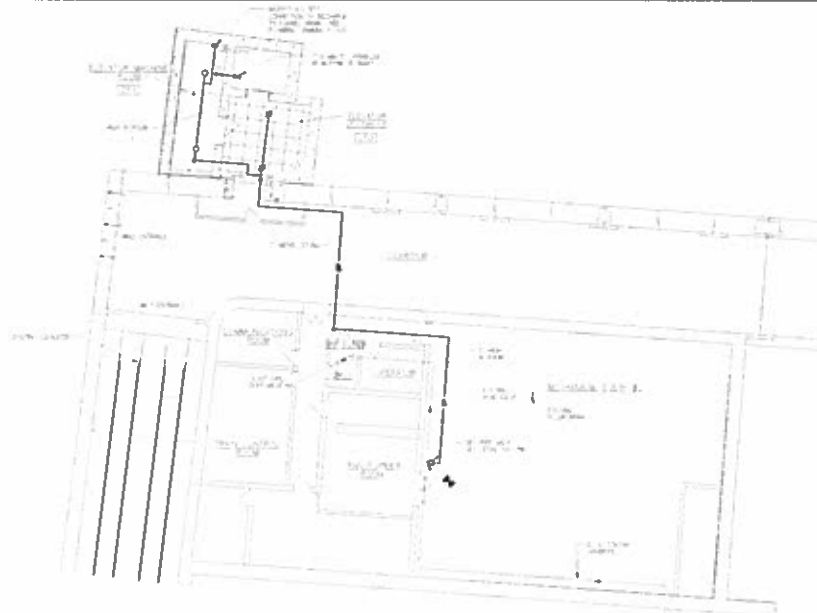
Sheet 53 OF 68



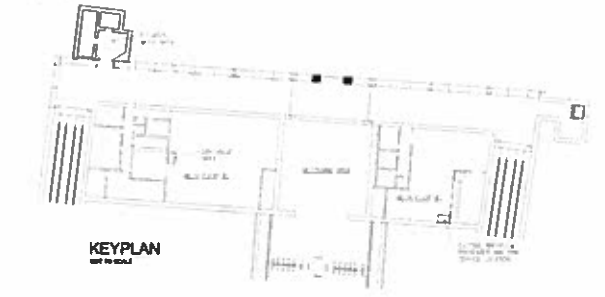








1 PARTIAL FLOOR PLAN



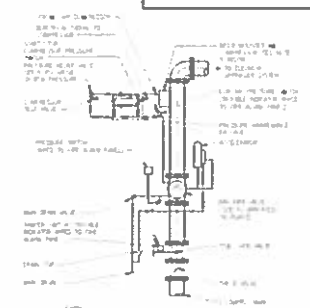
KEY PLAN

### SPRINKLER SYSTEM DESIGN REQUIREMENTS

1. SHALL BE DESIGNED TO PROTECT ALL UNOCCUPIED AREAS AND ALL OCCUPIED AREAS WHERE THE RISK OF FIRE IS HIGH.
2. SHALL BE DESIGNED TO PROTECT ALL UNOCCUPIED AREAS AND ALL OCCUPIED AREAS WHERE THE RISK OF FIRE IS HIGH.
3. SHALL BE DESIGNED TO PROTECT ALL UNOCCUPIED AREAS AND ALL OCCUPIED AREAS WHERE THE RISK OF FIRE IS HIGH.
4. SHALL BE DESIGNED TO PROTECT ALL UNOCCUPIED AREAS AND ALL OCCUPIED AREAS WHERE THE RISK OF FIRE IS HIGH.
5. SHALL BE DESIGNED TO PROTECT ALL UNOCCUPIED AREAS AND ALL OCCUPIED AREAS WHERE THE RISK OF FIRE IS HIGH.
6. SHALL BE DESIGNED TO PROTECT ALL UNOCCUPIED AREAS AND ALL OCCUPIED AREAS WHERE THE RISK OF FIRE IS HIGH.
7. SHALL BE DESIGNED TO PROTECT ALL UNOCCUPIED AREAS AND ALL OCCUPIED AREAS WHERE THE RISK OF FIRE IS HIGH.
8. SHALL BE DESIGNED TO PROTECT ALL UNOCCUPIED AREAS AND ALL OCCUPIED AREAS WHERE THE RISK OF FIRE IS HIGH.
9. SHALL BE DESIGNED TO PROTECT ALL UNOCCUPIED AREAS AND ALL OCCUPIED AREAS WHERE THE RISK OF FIRE IS HIGH.
10. SHALL BE DESIGNED TO PROTECT ALL UNOCCUPIED AREAS AND ALL OCCUPIED AREAS WHERE THE RISK OF FIRE IS HIGH.

### LEGEND

| SYMBOL | DESCRIPTION        |
|--------|--------------------|
| ○      | DRY PIPE SPRINKLER |
| ○      | WET PIPE SPRINKLER |
| ○      | DELTA 5            |
| ○      | DELTA 7            |
| ○      | DELTA 10           |
| ○      | DELTA 15           |
| ○      | DELTA 20           |
| ○      | DELTA 25           |
| ○      | DELTA 30           |
| ○      | DELTA 40           |
| ○      | DELTA 50           |
| ○      | DELTA 60           |
| ○      | DELTA 70           |
| ○      | DELTA 80           |
| ○      | DELTA 90           |
| ○      | DELTA 100          |
| ○      | DELTA 110          |
| ○      | DELTA 120          |
| ○      | DELTA 130          |
| ○      | DELTA 140          |
| ○      | DELTA 150          |
| ○      | DELTA 160          |
| ○      | DELTA 170          |
| ○      | DELTA 180          |
| ○      | DELTA 190          |
| ○      | DELTA 200          |



2 DRY PIPE SPRINKLER SYSTEM DETAIL

**ARLINGTON**  
 DEPARTMENT OF ENVIRONMENTAL SERVICES

Project Name and Location:  
**Pentagon City Station  
 Elevator Project  
 Partial Floor Plan and Detail**

South Hayes Street

100% PLANS - FOR CONSTRUCTION

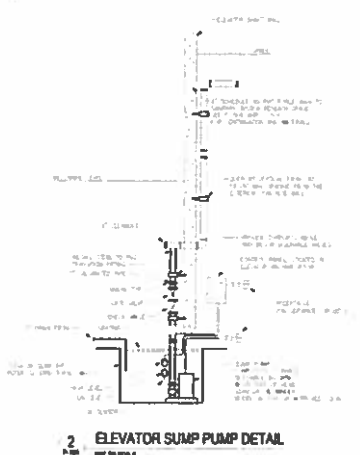
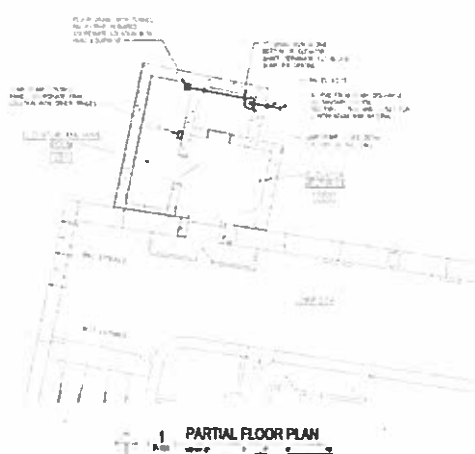
57 OF 68

Project Name and Location:  
 Pentagon City Station  
 Elevator Project  
 Partial Floor Plan and Detail

South Hayes Street

100% PLANS - FOR CONSTRUCTION

57 OF 68



**ARLINGTON**  
 DEPARTMENT OF ENVIRONMENTAL SERVICES  
 Office of Inspection  
 1000 North Ross Avenue, Suite 100  
 Arlington, VA 22209  
 Tel: 703-243-8000  
 Fax: 703-243-8000

Scale: \_\_\_\_\_

Approved: \_\_\_\_\_ Date: \_\_\_\_\_

Checked: \_\_\_\_\_

Reviewed: \_\_\_\_\_

Drawn: \_\_\_\_\_

Project Name and Location: **Pentagon City Station Elevator Project**

Partial Floor Plan

Sheet: **58 OF 68**

Design: EJB  
 Drawn: BSB  
 Checked: BSB  
 City Utility Permitted: \_\_\_\_\_

Plotted: \_\_\_\_\_  
 Printed: \_\_\_\_\_  
 Scale: \_\_\_\_\_

**100% PLANS - FOR CONSTRUCTION**





**NOTES**

- 1 MOUNT CAMERA ONTO ELEVATOR CANOPY STEEL BEAM FINISH AND COLOR OF CAMERA SHALL BE WHITE.
- 2 MOUNT CAMERA ONTO METAL PANEL FINISH AND COLOR OF CAMERA SHALL BE WHITE.
- 3 SEE SHEET T-201 FOR INSTALLATION DETAILS OF CCTV CAMERAS.
- 4 CALL FOR AID SHALL BE INTEGRATED INTO ELEVATOR HALL CALL STATION PANEL CONTRACTOR SHALL COORDINATE WITH ELEVATOR MANUFACTURER CONTRACTOR SHALL INCLUDE ELEVATOR HALL CALL STATION PANEL CONFIGURATION AS PART OF SHOP DRAWINGS.
- 5 CAM #3 VIEWS PEDESTRIANS APPROACHING AND ENTERING ELEVATOR. CAM #4 VIEWS PEDESTRIANS EXITING ELEVATOR.



DEPARTMENT OF ENVIRONMENTAL SERVICES

1000 North Glebe Road  
Arlington, VA 22202  
703.246.3000  
www.arlingtonva.gov



Approved: \_\_\_\_\_ Date: \_\_\_\_\_

Reviewed: \_\_\_\_\_ Date: \_\_\_\_\_

Checked: \_\_\_\_\_ Date: \_\_\_\_\_

Drawn: \_\_\_\_\_ Date: \_\_\_\_\_

Project Name and Location:  
**Pentagon City Station  
Elevator Project**  
Street Level Level Station  
South Hayes Street  
T-201

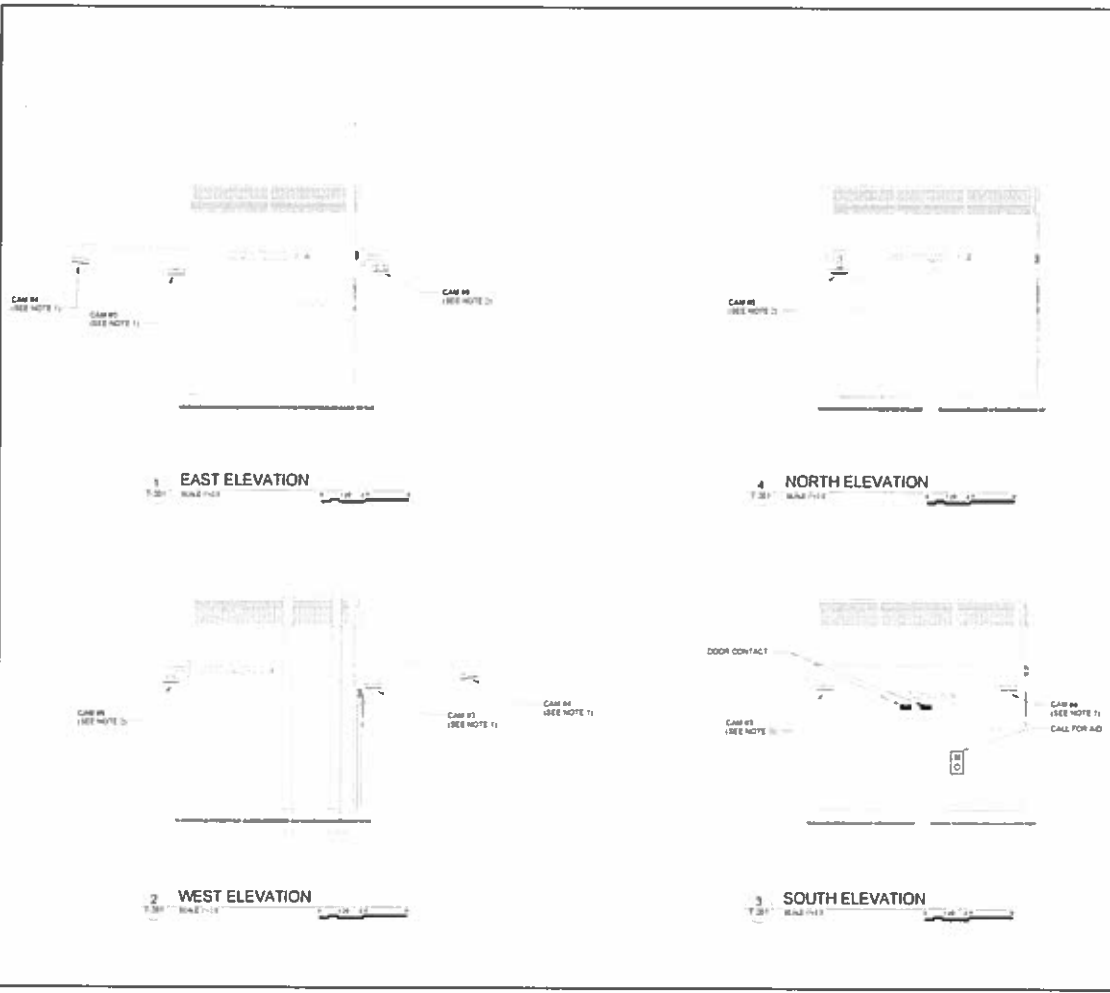
Designed: P. Elmer  
Checked: P. Elmer  
Drawn: M. Elmer  
Scale: 1/8" = 1'-0"

Project No.: 001-0000-01  
Date: 01/15/2010  
Scale: 1/8" = 1'-0"

ISSUE PLANS FOR CONSTRUCTION

Sheet: **61 OF 68**

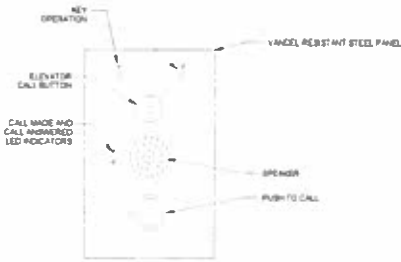
Pentagon City Station Second Elevator Project



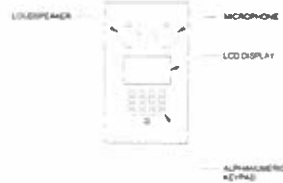






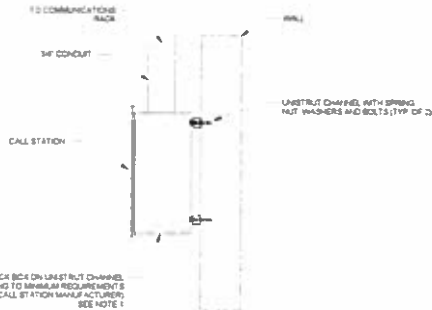


1 HALL CALL STATION DETAIL  
1/8" = 1'-0"

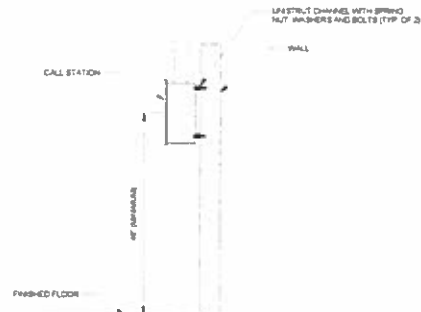


2 ELEVATOR MACHINE ROOM CALL STATION DETAIL  
1/8" = 1'-0"

- NOTES**
1. CALL FOR AG IN ELEVATOR LANDINGS AND ELEVATOR CARS SHALL BE INTEGRATED INTO THE ELEVATOR HALL CALL STATIONS. CONTRACTOR SHALL COORDINATE WITH ELEVATOR MANUFACTURER TO INSTALL CALL FOR AG IN ELEVATOR LANDINGS AND ELEVATOR CARS. CONTRACTOR SHALL INCLUDE ELEVATOR HALL CALL STATION PANEL CONSTRUCTION AS A PART OF SHOP DRAWINGS.
  2. ALL MOUNTING HARDWARE SHALL BE PER MANUFACTURER'S RECOMMENDATION UNLESS OTHERWISE APPROVED BY MMTA.
  3. ELEVATOR HALL CALL STATION AT STREET LEVEL ELEVATOR LANDING SHALL HAVE A COMMUNICATION LINE MONITORING SYSTEM FOR ELEVATOR HALL CALL STATION DETAILS. SEE MMTA COMMUNICATIONS STANDARD DRAWING ST CM OF 1.02.



3 ELEVATOR MACHINE ROOM CALL STATION WALL MOUNTING DETAIL  
1/8" = 1'-0"



4 ELEVATOR MACHINE ROOM CALL STATION ELEVATION  
1/8" = 1'-0"

**ARLINGTON**  
VIRGINIA

DEPARTMENT OF ENVIRONMENTAL SERVICES

OFFICE OF THE ASSISTANT ATTORNEY GENERAL  
FOR ENVIRONMENTAL SERVICES

1000 NORTH BRISTOL AVENUE  
ARLINGTON, VA 22209-4400  
TEL: 703-246-2000 FAX: 703-246-2001

---

Seal of the Commonwealth of Virginia

---

Project Name and Location  
**Pentagon City Station  
Elevator Project  
Call Station Details**  
South Hayes Street  
T-5102

---

Designed: P. Elmer  
 Drawn: P. Elmer  
 Checked: C. Harty  
 When: 1 May 2008

Reviewed: M. Elmer, T. Elmer, J. Elmer  
 Date: 1 May 2008  
 Project: 5-2008-11-11-114  
 Plotted by: [blank]  
 Scale: 1/8" = 1'-0"

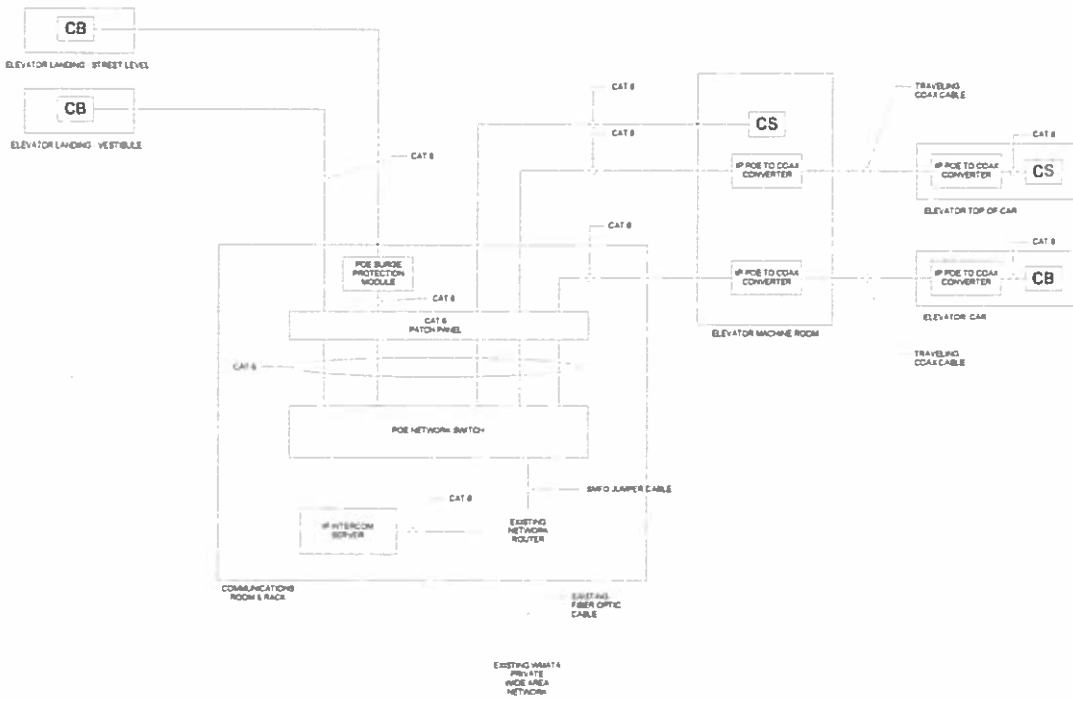
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**100% PLANS - FOR CONSTRUCTION**

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**64 OF 68**

Pentagon City Station Second Elevator Project



- NOTES**
- CONTRACTOR SHALL COORDINATE WITH ELEVATOR MANUFACTURER TO INSTALL ELEVATOR MACHINE ROOM INTERCOM CALL STATION CALL FOR ADS IN ELEVATOR CABLANDINGS AND ELEVATOR TOP OF CAR ADS.
  - ALL CALL STATIONS AND CALL FOR ADS SHALL BE POE POWERED.

**ARLINGTON**  
 VIRGINIA  
 DEPARTMENT OF ENVIRONMENTAL SERVICES

On the 1st day of \_\_\_\_\_, 20\_\_\_\_, at \_\_\_\_\_, Virginia, I, \_\_\_\_\_, County Clerk of Arlington County, Virginia, do hereby certify that the above is a true and correct copy of the original as the same appears in the files of the Department of Environmental Services.

Project Name and Location: **Pentagon City Station Elevator Project**  
 Construction Work Program  
 South Hayes Street  
 T-401

Issued: P. Elmer  
 Drawn: P. Elmer  
 Checked: C. Hart  
 Made Ready: T. Williams

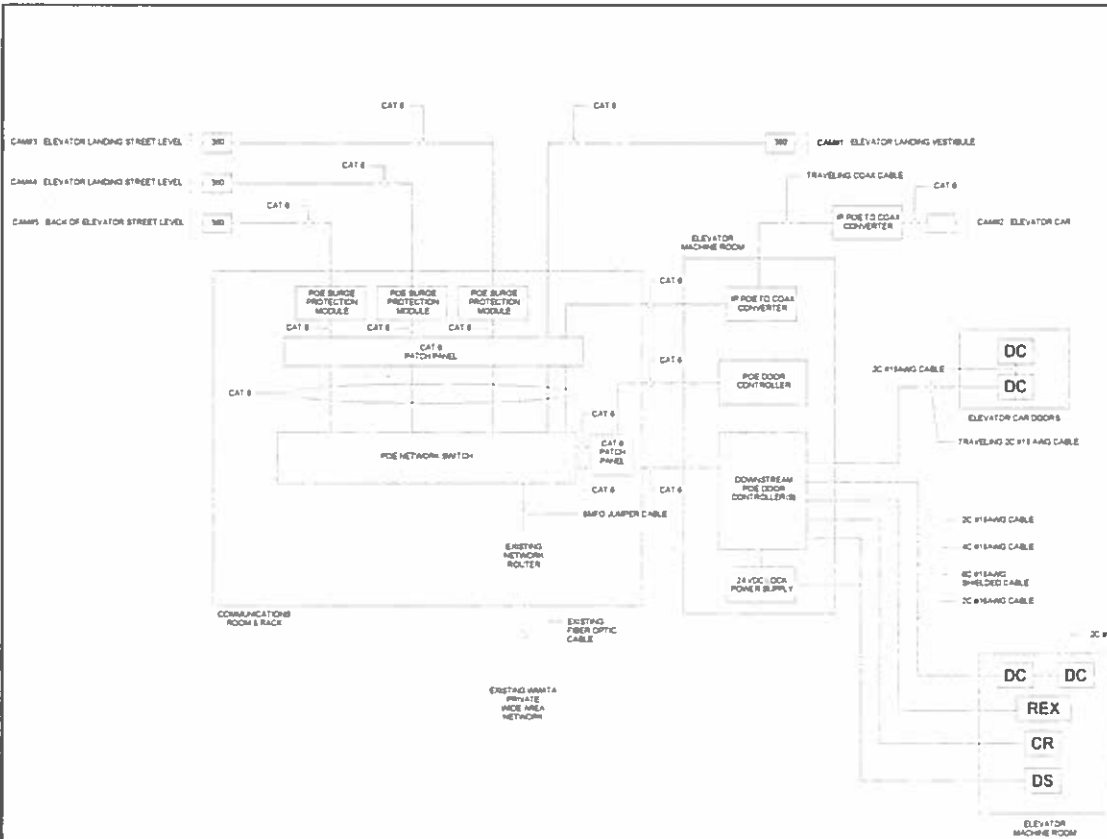
Quantity: 101 Sheets of 1000 per  
 Roll - 100 sheets per roll  
 P. Elmer 1-800-555-1234  
 Printed in

Scale: 1/4" = 1'-0"

**HARRIS HANS - FOR CONSTRUCTION**

Sheet: **65 OF 68**

1 COMMUNICATIONS BLOCK DIAGRAM  
 T-401



1 SECURITY BLOCK DIAGRAM  
14-001

- NOTES:**
1. CONTRACTOR SHALL FURNISH AND INST ALL LOCKABLE NEMA ENCLOSURE (ACCESS CONTROL ENCLOSURE) THIS ENCLOSURE SHALL HOUSE POE DOOR CONTROLLER AND DOWNSTREAM POE DOOR CONTROLLER(S) AND ANY NECESSARY AUXILIARY EQUIPMENT. DOOR CONTACTS ARE TO BE FLUSH-MOUNTED WHERE POSSIBLE. LOCATION OF DOOR CONTACTS AND INFRASTRUCTURE SHALL NOT BE READILY ACCESSIBLE FROM THE LVA SIDEWALK SIDE.
  2. DOOR CONTACTS FOR ELEVATOR MACHINE ROOM DOUBLE DOOR SHALL BE WIRED IN SERIES.
  3. ALL CAMERAS SHALL BE POE POWERED.
  4. CONTRACTOR SHALL PROVIDE NECESSARY LICENSES FOR NEW CAMERAS TO INTEGRATE INTO EXISTING SYSTEM.
  5. CAM #1 VIEW PEDESTRIANS APPROACHING AND ENTERING ELEVATOR. CAM #2 VIEW PEDESTRIANS EXITING ELEVATOR.

- CAMERA LIST**
- CAM #1 INTERIOR 180 DEGREE CAMERA
  - CAM #2 ELEVATOR CAMERA
  - CAM #3 EXTERIOR 360 DEGREE CAMERA
  - CAM #4 EXTERIOR 360 DEGREE CAMERA
  - CAM #5 EXTERIOR 360 DEGREE CAMERA

**ARLINGTON**  
1713 W 17th

DEPARTMENT OF ENVIRONMENTAL SERVICES

1000 PLAINS - FLOOR CONSTRUCTION

66 OF 68

1000 PLAINS - FLOOR CONSTRUCTION

66 OF 68

*William H. ...*  
Professional Engineer  
No. 10000  
Expiration 06/30/2002

App'n No. \_\_\_\_\_ Date \_\_\_\_\_

App'n No. \_\_\_\_\_ Date \_\_\_\_\_

App'n No. \_\_\_\_\_ Date \_\_\_\_\_

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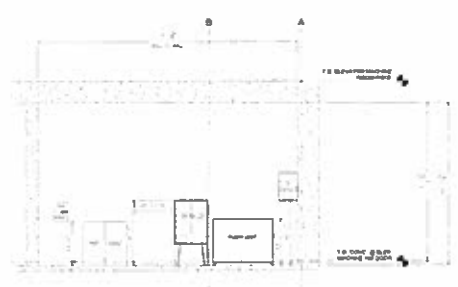
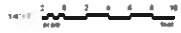
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3 SECTION EAST VIEW-MACHINE ROOM PLAN  
AS SHOWN ON SHEET 67



2 SECTION WEST VIEW-MACHINE ROOM PLAN  
AS SHOWN ON SHEET 67



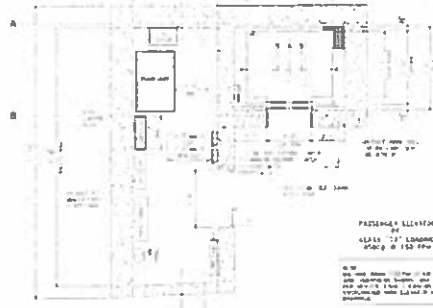
NOTES  
1. ALL WORK SHALL BE IN ACCORDANCE WITH THE 2000 INTERNATIONAL MECHANICAL CODE (IMC) AND THE 2000 INTERNATIONAL PLUMBING AND HEATING CODE (IPHC).  
2. ALL WORK SHALL BE IN ACCORDANCE WITH THE 2000 INTERNATIONAL ELECTRICAL CODE (IEC).  
3. ALL WORK SHALL BE IN ACCORDANCE WITH THE 2000 INTERNATIONAL FIRE AND SAFETY CODE (IFSC).  
4. ALL WORK SHALL BE IN ACCORDANCE WITH THE 2000 INTERNATIONAL BUILDING CODE (IBC).  
5. ALL WORK SHALL BE IN ACCORDANCE WITH THE 2000 INTERNATIONAL MECHANICAL AND ELECTRICAL PLUMBING CODE (IMEP).  
6. ALL WORK SHALL BE IN ACCORDANCE WITH THE 2000 INTERNATIONAL MECHANICAL AND ELECTRICAL PLUMBING CODE (IMEP).

POWER AND VENTILATION / UNIT

| UNIT | POWER | VENTILATION |
|------|-------|-------------|
| 1    | 1000  | 1000        |
| 2    | 1000  | 1000        |
| 3    | 1000  | 1000        |
| 4    | 1000  | 1000        |
| 5    | 1000  | 1000        |
| 6    | 1000  | 1000        |
| 7    | 1000  | 1000        |
| 8    | 1000  | 1000        |
| 9    | 1000  | 1000        |
| 10   | 1000  | 1000        |

RT AND R/L LOADS

| RT | R/L | LOADS |
|----|-----|-------|
| 1  | 1   | 1000  |
| 2  | 1   | 1000  |
| 3  | 1   | 1000  |
| 4  | 1   | 1000  |
| 5  | 1   | 1000  |
| 6  | 1   | 1000  |
| 7  | 1   | 1000  |
| 8  | 1   | 1000  |
| 9  | 1   | 1000  |
| 10 | 1   | 1000  |



1 MATCH AND MACHINE ROOM PLAN  
AS SHOWN ON SHEET 67



Project Name and Location  
Pentagon City Station  
Elevator Project  
Proposed Elevator Vertical Transportation  
South Lanes Street  
VT-101

Designed: VDA  
Checked: VDA  
Drawn: VDA  
Scale: 1/4" = 1'-0"

Reviewed: 2/14/02  
Date: 2/14/02  
Plotted: 2/14/02  
Printed: 2/14/02

Scale: 1/4" = 1'-0"

100% PLANS FOR CONSTRUCTION

Sheet 67 OF 68

