Welcome to the Design Guide for projects that have $S_s \leq 2.7 > 2.0$ and for an ADA compliant elevator system. Please note this elevator system does not meet ambulance stretcher requirements. This set of drawings is for reference. Please see the Pre-checked plans, PC02-114000, for specific details.

This guide contains templates for the hoistway / car layout, pit plan with machine room slabs, & a combination hoistway / machine room orientations. We have included the drawing index on this sheet so you will know which drawings to leave out when submitting your set to DSA on your project specific application.

"PC" - SHEET INDEX for the ADA accessible elevator system only

<table>
<thead>
<tr>
<th>Architectural</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>EV0.0 COVER PAGE</td>
<td></td>
</tr>
<tr>
<td>EV1.0 PLAN VIEWS - ELEVATOR HOISTWAY</td>
<td></td>
</tr>
<tr>
<td>EV1.1 PLAN VIEWS - MODULAR MACHINE ROOM</td>
<td></td>
</tr>
<tr>
<td>EV1.2 MACHINE ROOM CONFIGURATIONS WITH HOISTWAY</td>
<td></td>
</tr>
<tr>
<td>EV1.3 ARCHITECTURAL ELEVATIONS</td>
<td></td>
</tr>
<tr>
<td>EV1.4 ARCHITECTURAL DETAILS</td>
<td></td>
</tr>
<tr>
<td>EV1.5 ACCESS ISSUES (ELEVATOR FIXTURES)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Structural</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>REMOVE EV2.0.0 FOUNDATION PLANS-Ss = 2.7 Stretcher Compliant Elevator System</td>
<td></td>
</tr>
<tr>
<td>REMOVE EV2.0.1 FOUNDATION PLANS-Ss = 2.7</td>
<td></td>
</tr>
<tr>
<td>REMOVE EV2.0.2 FOUNDATION PLANS-Ss = 2.0 Stretcher Compliant Elevator System</td>
<td></td>
</tr>
<tr>
<td>REMOVE EV2.0.3 FOUNDATION PLANS-Ss = 2.0</td>
<td></td>
</tr>
<tr>
<td>EV2.1 FOUNDATION DETAILS</td>
<td></td>
</tr>
<tr>
<td>REMOVE EV2.2.0 ELEVATOR HOISTWAY STRUCTURAL - Stretcher Compliant System Ss=2.7</td>
<td></td>
</tr>
<tr>
<td>REMOVE EV2.2.1 ELEVATOR HOISTWAY STRUCTURAL - Ss = 2.7</td>
<td></td>
</tr>
<tr>
<td>REMOVE EV2.2.2 ELEVATOR HOISTWAY STRUCTURAL - Stretcher Compliant System Ss = 2.0</td>
<td></td>
</tr>
<tr>
<td>REMOVE EV2.2.3 ELEVATOR HOISTWAY STRUCTURAL - Ss = 2.0</td>
<td></td>
</tr>
<tr>
<td>EV2.3 ELEVATOR HOISTWAY - STRUCTURAL DETAILS</td>
<td></td>
</tr>
<tr>
<td>EV2.4 ELEVATOR HOISTWAY - MISCELLANEOUS DETAILS</td>
<td></td>
</tr>
<tr>
<td>REMOVE EV2.5 MODULAR MACHINE ROOM STRUCTURAL - Stretcher Compliant Elevator System</td>
<td></td>
</tr>
<tr>
<td>REMOVE EV2.5A MODULAR MACHINE ROOM STRUCTURAL</td>
<td></td>
</tr>
<tr>
<td>REMOVE EV2.6 MODULAR MACHINE ROOM - STRUCTURAL SECTIONS - Stretcher Compliant</td>
<td></td>
</tr>
<tr>
<td>EV2.6A MODULAR MACHINE ROOM - STRUCTURAL SECTIONS</td>
<td></td>
</tr>
<tr>
<td>EV2.7 MODULAR MACHINE ROOM - STRUCTURAL DETAILS</td>
<td></td>
</tr>
</tbody>
</table>

The drawings above may contain additional options per drawing. Please select the appropriate option before submitting to DSA.

The AutoCAD version is available for your use. Please feel free to change layers and line types to fit your company policies.

General Note: Feel free to contact EXL Structural Engineers @ 909-613-0234 for any structural engineering questions. For approximate tower heights or elevator information feel free to contact Phoenix Modular Elevator Inc. @ 618-244-2314. We will need approximate total floor travel and type of jack system, holed or holeless, to calculate tower height.

THIS INFORMATION IS CONFIDENTIAL AND REMAINS THE PROPERTY OF PHOENIX MODULAR ELEVATOR INC. ITS USE, REPRODUCTION OR DISSEMINATION WITHOUT THE EXPRESS PERMISSION OF PHOENIX MODULAR ELEVATOR INC. IS STRICTLY PROHIBITED.
For more details see the Pre-checked (PC) drawings, PC02-114000.

ADA ACCESSIBLE ELEVATOR
SHOWN WITH ONE HOUR FIRE RATING
MIRROR IMAGE IS AVAILABLE

FRONT EXIT ELEVATOR SHOWN, FRONT/REAR EXIT USES SAME HOISTWAY
PIT DEPTH = 4'-0"

12"x12" SUMP AREA

8'-2" Hoistway Steel

7'-8 3/4" Hoistway Steel

7'-1" Hoistway Steel

1" Nominal Hoistway Steel to Pit Wall TYP.

KEY WORKING POINT

For more details see the Pre-checked (PC) drawings, PC02-114000

PHOENIX MODULAR ELEVATOR INC.
912 SOUTH 19TH ST. MT. VERNON, ILLINOIS 62864
PHONE: (618)-244-2314 FAX: (618)-244-1923
E-mail: info@phoenixmodularelevator.com
Web page: www.phoenixmodularelevator.com

PIT PLAN W/ MMR REAR SLAB

SIZE A
REV
REV. DATE
FILE NO.
\PC02-114000

SCALE: N.T.S.
DATE: 6/22/10
DWG NO. A1.1

Issue Date: 8/27/12
For more details see the Pre-checked (PC) drawings, PC02-114000.

**PLAN VIEW**

1. 16'-1" SIDE MACHINE ROOM SLAB
2. 8'-4" CLEAR PIT WIDTH
3. 8'-1"
4. 7'-8 3/4"
5. 3"
6. 7'-1/4"
7. 7'-1/4" OVERALL PIT WIDTH
8. 7'-1" 12"x12" SUMP AREA
9. 7'-6" 1/4" Holzway Steel
10. 6" Holzway Steel to Pit Wall TYP.
11. 1/2" Masonry Holzway Steel
12. 12'-0" PIT DEPTH

**PHOENIX MODULAR ELEVATOR INC.**
912 SOUTH 10TH ST., MT. VERNON, ILLINOIS 62864
PHONE: (618)-244-2314 FAX: (618)-244-1923
E-mail: info@phoenixmodularelevator.com
Web page: www.phoenixmodularelevator.com

**PIT PLAN W/ SIDE MMR SLAB**

Issue Date: 8/26/15

**FILE NO.**

VPC02-114000

**SCALE:** N.T.S. **DATE:** 8/26/15 T.H. **DWG NO.** A1.2
For more details see the Pre-checked (PC) drawings, PC02-114000.

MODULAR MACHINE ROOM FOR ADA ACCESSIBLE ELEVATOR SYSTEM
SHOWN WITH ONE HOUR FIRE RATING
For more details see the Pre-checked (PC) drawings, PC02-114000.

THE LOCATIONS SHOWN ARE PART OF OUR PRE-CHECKED (PC) PLANS. OTHER LOCATIONS ARE POSSIBLE INCLUDING REMOTE BUT BECOME THE RESPONSIBILITY OF THE PROJECT PROFESSIONAL TO INCLUDE WITH THEIR PROJECT DRAWINGS.

REAR
(Opposite door swing if elevator door hand is opposite as shown)

OPTIONAL MODULAR MACHINE ROOM LOCATIONS
FNBP = FURTHEST NON-REMOVABLE BUILDING PROTUBERANCE

1ST ANCHOR BOLT TO PIT WALL EDGE 3"
FACTORY APPLIED EXTERIOR FINISH AND FIREWALL + 5/8" or 1 1/4"
FIELD APPLIED EXTERIOR FINISH ** +
HOISTWAY STEEL FROM PIT WALL EDGE - 1"
DISTANCE BETWEEN FINISH AND FNBP ** +
* DISTANCE FROM FNBP TO ANCHOR BOLT =
- 3"
DISTANCE FROM FNBP TO PIT WALL EDGE =

** INFORMATION SUPPLIED BY OTHERS

SEE PC DWGS FOR REMAINING ANCHOR BOLT / PIT DIMENSIONS

FACTORY APPLIED EXTERIOR FINISH AND FIREWALL + 5/8" or 1 1/4"
FIELD APPLIED EXTERIOR FINISH ** +
HOISTWAY STEEL FROM PIT WALL EDGE - 1"
Exterior Finish Overlapping Pit Wall =