

**BARRY GLASSMAN**  
HARFORD COUNTY EXECUTIVE

**BILLY BONIFACE**  
DIRECTOR OF ADMINISTRATION



**KAREN D. MYERS, CPPB**  
DIRECTOR OF PROCUREMENT

**INVITATIONS FOR BIDS NO. 16-041**  
**ELEVATOR MODERNIZATION (3) LOCATIONS**  
**ADDENDUM NO. 1**

January 27, 2016

Ladies and Gentlemen:

The purpose of this addendum is to provide clarification(s) to prospective bidders.

**PLEASE SEE THE ATTACHED PRE-BID MEETING NOTES.**

Please review all of the attached existing conditions drawings and motor equipment re-build information for a portion of the equipment at the Courthouse location. Please note that this information is supplementary and is for reference purposes only. Contractors are still fully responsible to furnish and install equipment that meets the Project Manual Specifications for each location.

Should you have additional questions regarding this project, please do not hesitate to contact me at [djguthrie@harfordcountymd.gov](mailto:djguthrie@harfordcountymd.gov).

Sincerely,

Daniel J. Guthrie, CPPB  
Chief of Procurement

DJG:KMD/kmd

cc: Barkley Creighton, DPW/Capital Projects

*MARYLAND'S NEW CENTER OF OPPORTUNITY*

410.638.3550 | 410.879.2000 | TTY Maryland Relay 711 | [www.harfordcountymd.gov](http://www.harfordcountymd.gov)

220 South Main Street, Bel Air, Maryland 21014

THIS DOCUMENT IS AVAILABLE IN ALTERNATIVE FORMAT UPON REQUEST

## **16-041 Elevator Modernization Pre Bid Meeting Notes:**

Firms in attendance: DEI, Admiral Elevator, EMR, Centennial

Bid Due Date: February 10, 2016 at 1:00PM

Questions and RFI: Due Date: January 28, 2016 by 5:00 PM

Notice to Proceed: Expect to issue by end of February 2016.

Additional Site Visits: Must be scheduled with Barkley Creighton no later than January 28, 2016.

Liquidated Damages: It was reiterated that there is a \$1000 per calendar day LD assessment for the project completion beyond 295 days. Also mentioned was the Interim Liquidated Damages in the amount of \$1,500 per day for an elevator being out of service beyond the 84 days allowed.

Elevators: Four elevators at three locations. Courthouse must have one elevator working at all times. All sites are occupied and elevators can only be non-operational for 12 weeks or less.

Staging Area: Will be discussed after the award of the contract.

Consultant – Richard Kennedy is available to address any questions bidders may have.

Code Compliant: Key point Richard Kennedy brought up in meeting - Section 142100 A, 3.2 Installation, paragraph (F) after today's meeting if bidder has any questions they need to address it in RFI now (by 28 Jan 16). Once awarded any Change Order will be rejected pertaining to this section.

Wage rates: No prevailing wage rates are required on this project.

Maintenance: United Elevator is still responsible for regular maintenance of elevators. However any issues caused by contractor during construction, demolition or is of a life safety issue, the contractor will perform the repair, maintenance service.

Bidding: Elevator firm can be a sub to general contractor who bids on project.

Payment: Standard procedure. Vendor invoices once a month, the County has 30 days to pay.

There is a 10% retainage on the total awarded amount.

Drawings: The Original Montgomery drawing was obtained and is an attachment in this addendum.

Pre-Qualification: There is no Pre-Qualification requirement however, firms must submit on official letterhead stating that they are qualified and authorized by the manufacturer to install the brand of elevator being bid for the project.

Progress Construction meetings: Meetings will be held bi-weekly.



HARFORD COUNTY GOVERNMENT  
 DEPARTMENT OF PROCUREMENT  
 PRE-BID SIGN IN SHEET

Dated: 1/21/16 10:30 a.m.

Bid No. 16-041 Elevator Modernization (3 Locations)

| NAME (Please Print) | COMPANY/FIRM               | PHONE NUMBER | FAX NUMBER   | E-MAIL ADDRESS                  |
|---------------------|----------------------------|--------------|--------------|---------------------------------|
| Dan Guthrie         | HCG - Dept. of Procurement | 410-638-3550 | 410-879-8658 | djguthrie@harfordcountymd.gov   |
| Barkley Creighton   | HCG - DPW/Capital Projects | 410-638-3547 | 410-836-6695 | bscreighton@harfordcountymd.gov |
| Joseph Courti       | Morris/Riswick Assoc.      | 410-821-1690 | N.A.         | jcourt@mrta.gta.com             |
| JOSEPH GENTKAS      | EMR                        | 443 463 8344 |              | JFGENTKAS@EMR.CO.COM            |
| JEFF SAWYER         | DEFI                       | 443-235-3885 |              | JSawyer@adbriscoelector.com     |
| Richard Sparr       | HCG Facilities             | 443-619-3247 |              | RTSparr@harfordcountymd.gov     |
| Hayden Anthony      | HCG - Facilities + Ops     | 443-417-7278 |              | hyanthony@harfordcountymd.gov   |
| Jim Vincent         | Centennial                 | 202-373-9547 |              | JVincent@cce-inc.com            |
| Kris Cumberland     | Admiral Elevator           | 410-732-1102 | 410-732-1102 | Kcumberland@admin/elevator.com  |
| KEN NALLS           | TELEBENT ENG               | 410-692-5816 |              | knalls@tel-eng.com              |
| James Clark         | HC DPW                     | 443-752-4001 |              | JMClark@harfordcountymd.gov     |
| RICK KENNEDY        | RA KENNEDY ASSOC'S         | 484-802-9201 | 610-795-5043 | RAKENNEDY@EACAL.COM             |
| JASON M. SAKOWSKI   | CABECRAFT                  | 443-992-5744 | 410-355-4051 | JASON@CABECRAFT.COM             |
| JEROME NEWMAN       | UNITED ENW. CO., LLC       | 202-753-8221 | 202-204-5166 | JNEW@UNENW.COM                  |



**SUBMERSIBLE**

| LOW FLOW SUBMERSIBLE ELEVATOR MOTOR RATINGS |     |         |           |                  |
|---------------------------------------------|-----|---------|-----------|------------------|
| SINGLE PHASE                                | HP  | VOLTS   | FLA       | LRA <sup>1</sup> |
|                                             | 3   | 208-230 | 20.0-16.4 | 74               |
|                                             | 5   | 208-230 | 23.4-21.0 | 104              |
|                                             | 7.5 | 208-230 | 32.6-30.0 | 174              |
|                                             | 10  | 208-230 | 43.0-40.0 | 237              |
| THREE PHASE                                 | 5   | 208     | 14        | 48.25            |
|                                             | 5   | 230/460 | 13.0/6.5  | 42.00            |
|                                             | 7.5 | 208     | 21.5      | 66.25            |
|                                             | 7.5 | 230/460 | 20.0/10.0 | 57.00            |
|                                             | 10  | 208     | 26        | 86.50            |
|                                             | 10  | 230/460 | 24.0/12.0 | 78.00            |
| STANDARD SUBMERSIBLE ELEVATOR MOTOR RATINGS |     |         |           |                  |
| THREE PHASE                                 | HP  | VOLTS   | FLA       | LRA <sup>1</sup> |
|                                             | 15  | 200     | 46        | 241              |
|                                             | 15  | 230     | 40        | 210              |
|                                             | 15  | 460     | 20        | 105              |
|                                             | 15  | 575     | 16        | 84               |
|                                             | 20  | 200     | 60        | 299              |
|                                             | 20  | 230     | 52        | 260              |
|                                             | 20  | 460     | 26        | 130              |
|                                             | 20  | 575     | 21        | 104              |
|                                             | 25  | 200     | 75        | 380              |
|                                             | 25  | 230     | 66        | 330              |
|                                             | 25  | 460     | 33        | 165              |
|                                             | 25  | 575     | 27        | 132              |
|                                             | 30  | 200     | 85        | 494              |
|                                             | 30  | 230     | 74        | 430              |
|                                             | 30  | 460     | 37        | 215              |
|                                             | 30  | 575     | 29.6      | 172              |
|                                             | 40  | 200     | 112       | 644              |
|                                             | 40  | 230     | 98        | 560              |
|                                             | 40  | 460     | 49        | 280              |
|                                             | 40  | 575     | 40        | 224              |
|                                             | 50  | 200     | 133       | 748              |
|                                             | 50  | 230     | 116       | 650              |
|                                             | 50  | 460     | 58        | 325              |
|                                             | 50  | 575     | 46.5      | 260              |
|                                             | 60  | 230     | 140       | 720              |
|                                             | 60  | 460     | 70        | 360              |
|                                             | 60  | 575     | 56        | 288              |
| 75                                          | 230 | 178     | 840       |                  |
| 75                                          | 460 | 89      | 420       |                  |
| 75                                          | 575 | 71.5    | 336       |                  |

**BELT DRIVE**

| BELT DRIVE MOTOR RATINGS |         |          |      |
|--------------------------|---------|----------|------|
| HP                       | VOLTS   | FLA      | LRA  |
| 5                        | 200     | 16       | 104  |
| 5                        | 230/460 | 14.4/7.2 | 45   |
| 7.5                      | 200     | 23       | 122  |
| 7.5                      | 230/460 | 20/10    | 53   |
| 10                       | 200     | 30       | 194  |
| 10                       | 230/460 | 26/13    | 84   |
| 15                       | 200     | 44       | 279  |
| 15                       | 230/460 | 38/19    | 121  |
| 20                       | 200     | 57       | 333  |
| 20                       | 230/460 | 50/25    | 145  |
| 25                       | 200     | 70       | 438  |
| 25                       | 230/460 | 62/31    | 190  |
| 30                       | 200     | 82       | 500  |
| 30                       | 230/460 | 72/36    | 217  |
| 40                       | 200     | 108      | 702  |
| 40                       | 230/460 | 94/47    | 305  |
| 50                       | 200     | 149      | 1035 |
| 50                       | 230/460 | 130/65   | 448  |
| 60                       | 200     | 165      | 1325 |
| 60                       | 230/460 | 144/72   | 576  |
| 75                       | 200     | 200      | 1385 |
| 75                       | 230     | 180      | 1200 |
| 75                       | 460     | 90       | 600  |
| 100                      | 460     | 113      | 690  |

For dual voltage ratings LRA are given for 460 voltage.  
 LRA are given for across the line starting.  
 Starting amps are .33 times LRA when starting on wye start – delta run. (Typical data)

<sup>1</sup>Across the line; single phase at 230 volt, three phase at 460 volt.



2575 GREENSBURG ROAD • NORTH CANTON, OH 44647 • PH. 330-833-3600 FAX 330-833-0229

E-Mail [info@CantonElevator.com](mailto:info@CantonElevator.com)

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<http://www.CantonElevator.com>



# HOLLISTER-WHITNEY ELEVATOR CORPORATION

#1 Hollister-Whitney Parkway  
 Quincy, IL 62305  
 Phone: 217-222-0466

Fax: 217-222-0493  
 email: [engineering@hollisterwhitney.com](mailto:engineering@hollisterwhitney.com)  
[www.hollisterwhitney.com](http://www.hollisterwhitney.com)

## HOLLISTER-WHITNEY VVVF LOW-SLIP HOIST MOTOR DATA TOTALLY ENCLOSED

|                      | H.P.                 | VOLTAGE         | BTU/hr.         | FRAME | F.L. RPM           | F.L. AMP<br>208V / 230V / 460V | WEIGHT<br>(LBS.)  |
|----------------------|----------------------|-----------------|-----------------|-------|--------------------|--------------------------------|-------------------|
|                      | 1200 SRPM<br>VERSION | 5               | 208 / 230 / 460 | -     | 215T               | 1150                           | 17.3 / 15.6 / 7.8 |
| 7-1/2                |                      | 208 / 230 / 460 | 3200            | 254T  | 1175               | 24.1 / 21.8 / 10.9             | 195               |
| 10                   |                      | 208 / 230 / 460 | 4000            | 256T  | 1176               | 31.6 / 28.6 / 14.3             | 225               |
| 12-1/2               |                      | 208 / 230 / 460 | 5170            | 284T  | 1160               | 44.2 / 40 / 20                 | 195               |
| 15                   |                      | 208 / 230 / 460 | 5170            | 284T  | 1160               | 46.4 / 42 / 21                 | 240               |
| 20                   |                      | 208 / 230 / 460 | 6230            | 286T  | 1160               | 59.7 / 54 / 27                 | 285               |
| 25                   |                      | 208 / 230 / 460 | 7360            | 324T  | 1170               | 75.2 / 68 / 34                 | 375               |
| 30                   |                      | 208 / 230 / 460 | 8480            | 326T  | 1170               | 87.4 / 79 / 39.5               | 410               |
| 40                   |                      | 208 / 230 / 460 | 11610           | 364T  | 1180               | 103.9 / 94 / 47                | 485               |
| 50                   |                      | 208 / 230 / 460 | 13920           | 365T  | 1180               | 130.5 / 118 / 59               | 515               |
| 60                   |                      | 208 / 230 / 460 | 15700           | L365T | 1180               | 154.8 / 140 / 70               | 560               |
| 75                   | 208 / 230 / 460      | 18570           | L365T           | 1180  | 192.4 / 174 / 87   | 675                            |                   |
| 900 SRPM<br>VERSION  | H.P.                 | VOLTAGE         | BTU/hr.         | FRAME | F.L. RPM           | F.L. AMP<br>208V / 230V / 460V | WEIGHT<br>(LBS.)  |
|                      | 5                    | 208 / 230 / 460 | -               | 254T  | 876                | 22.3 / 20.2 / 10.1             | 225               |
|                      | 7-1/2                | 208 / 230 / 460 | 3200            | 256T  | 876                | 30.3 / 27.4 / 13.7             | 200               |
|                      | 10                   | 208 / 230 / 460 | 4000            | 284T  | 876                | 34.3 / 31.0 / 15.5             | 300               |
|                      | 12-1/2               | 208 / 230 / 460 | 5170            | -     | 876                | 46.4 / 42 / 21                 | -                 |
|                      | 15                   | 208 / 230 / 460 | 5170            | 286T  | 876                | 55.5 / 50.2 / 25.1             | 320               |
|                      | 20                   | 208 / 230 / 460 | 6230            | 324T  | 876                | -                              | 340               |
|                      | 25                   | 208 / 230 / 460 | 7360            | 326T  | 876                | 85.1 / 77 / 38.5               | 570               |
|                      | 30                   | 208 / 230 / 460 | 8480            | 364T  | 876                | 88.5 / 80 / 40                 | 700               |
|                      | 40                   | 208 / 230 / 460 | 11610           | 365T  | 876                | 116.3 / 105.2 / 52.6           | 880               |
|                      | 50                   | 208 / 230 / 460 | 13920           | 404T  | 876                | 148 / 134 / 67                 | -                 |
| 60                   | 208 / 230 / 460      | 15700           | 405T            | 876   | 179 / 162 / 81     | -                              |                   |
| 75                   | 208 / 230 / 460      | 18570           | 444T            | 876   | 215 / 194 / 97     | -                              |                   |
| 1800 SRPM<br>VERSION | H.P.                 | VOLTAGE         | BTU/hr.         | FRAME | F.L. RPM           | F.L. AMP<br>208V / 230V / 460V | WEIGHT<br>(LBS.)  |
|                      | 10                   | 208 / 230 / 460 | 4000            | 215T  | 1764               | 28 / 26 / 13                   | 160               |
|                      | 15                   | 208 / 230 / 460 | 5170            | 254T  | 1764               | -                              | 180               |
|                      | 20                   | 208 / 230 / 460 | 6230            | 256T  | 1764               | 51.5 / 46.6 / 23.3             | 175               |
|                      | 25                   | 208 / 230 / 460 | 7360            | 284T  | 1764               | 68.6 / 62.0 / 31.0             | 260               |
|                      | 30                   | 208 / 230 / 460 | 8480            | 286T  | 1764               | -                              | 340               |
|                      | 40                   | 208 / 230 / 460 | 11610           | 324T  | 1764               | 107.7 / 92.0 / 46.0            | 500               |
|                      | 50                   | 208 / 230 / 460 | 13920           | 326T  | 1764               | 130.5 / 118 / 59               | 475               |
|                      | 60                   | 208 / 230 / 460 | 15700           | 364T  | 1764               | 154.1 / 139.4 / 69.7           | 680               |
| 75                   | 208 / 230 / 460      | 18570           | 365T            | 1764  | 186.9 / 169 / 84.5 | 840                            |                   |

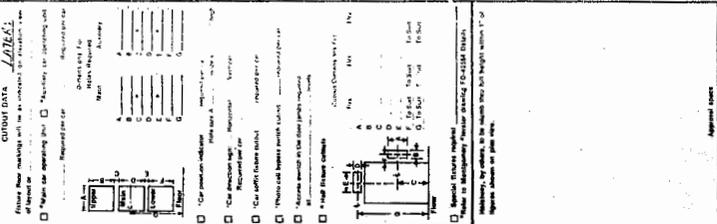
Totally Enclosed, Non-vent motors by REULAND  
 All Models have 35 foot Encoder Cables  
 Standard Encoder is 2048 PPR; also available in 1024 PPR  
 Constant Torque 0-60 Hz  
 Variable Torque 60-90 Hz  
 60 Minute Duty - Inverter Duty  
 Extended End Play  
 Foot Mount Motors

**NOTES:**

1. Refer to drawings for details of construction.
2. All work shall be in accordance with the latest editions of the following codes:
  - a. National Fire Protection Association (NFPA) Code
  - b. International Building Code (IBC)
  - c. International Mechanical Code (IMC)
  - d. International Plumbing Code (IPC)
  - e. International Electrical Code (IEC)
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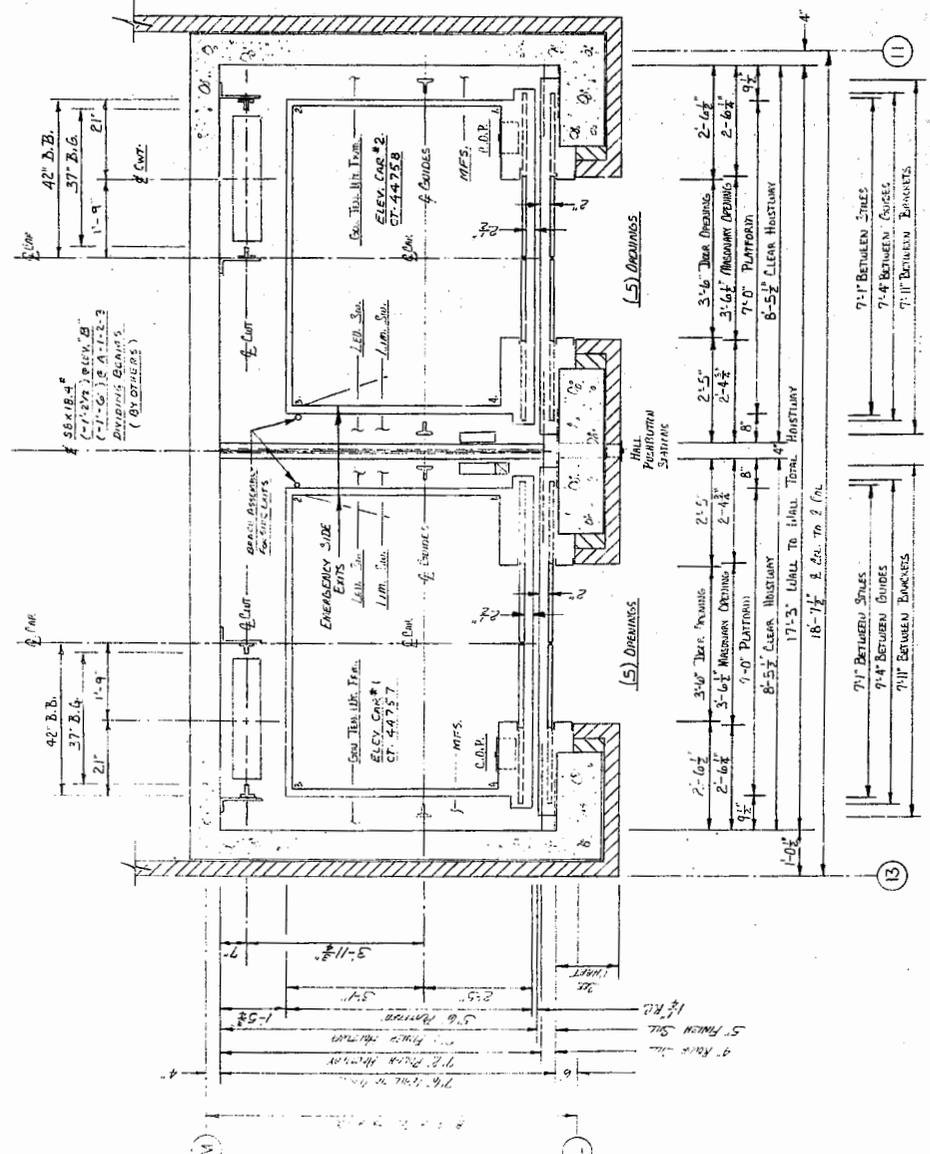
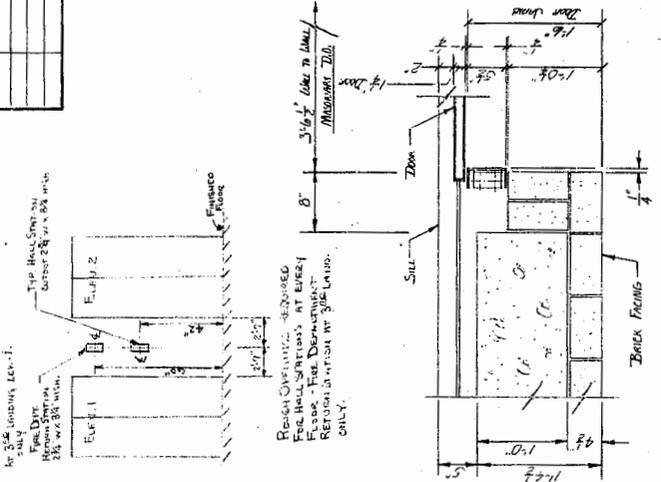
**DETAILS REQUIRED**

| FLOOR | WALL THICKNESS CHART                                                 |
|-------|----------------------------------------------------------------------|
| ALL   | 1/2" MIN. BRICK<br>5/8" MIN. CONCRETE<br>1/2" MIN. TYPICAL THICKNESS |



**GENERAL ELEVATOR COMPANY**  
BALTIMORE, MD.  
ELEVATOR DIVISION  
ELEV. - 02887

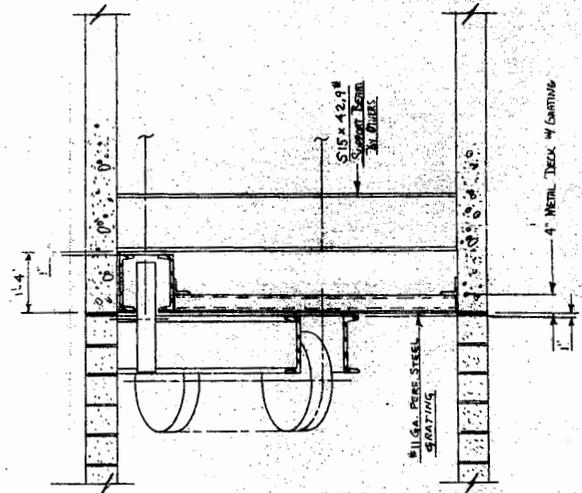
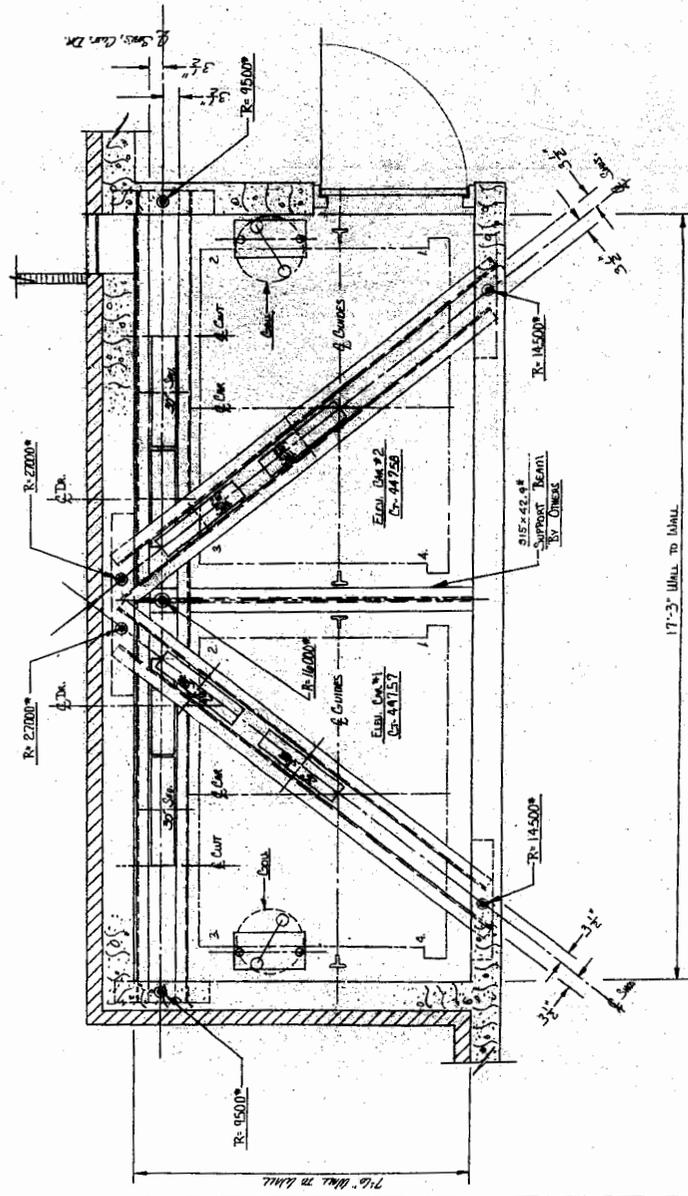
**PROJECT:** *Assessee County Courthouse*  
**ADDRESS:** *616 E. B. & D.*  
**ARCHITECT:** *MEERS SHAW INC.*  
**CONTRACTOR:** *LAWRENCE & EDWARDS, INC.*  
**DATE:** *3-1-70* **BY:** *MLW*  
**SCALE:** *1/8" = 1'-0"* **CONTRACT NO.:** *2-20-8*



**USE INFERRED DIMENSIONS ONLY**

11-4-85





| NO. | DATE | BY | CHK. | DESCRIPTION |
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USE FINISHED DIMENSIONS ONLY

Overhead Beam Layout

FILM 85

11-4-85

PROJECT: **MARQUEE ELEVATOR EXPANSION**  
 LOCATION: **BEGALIA, MD**  
 CONTRACTOR: **REES SMMI, INC.**  
 CONTRACT NO.: **CONTRACT LAMBERT & TRINER, INC.**  
 SCALE: **3/4" = 1'-0"** DRAWN BY: **MLW**  
 DATE: **8-8-80** CHECKED BY: **MLW**  
 SHEET NO.: **3 of 4** CT: **44757-810**

GENERAL ELEVATOR COMPANY  
 BALTIMORE, MD.  
 ELEVATOR DIVISION

