

**IRC COURTHOUSE JUDGES SECURITY UPGRADE**

**IRC Project No. 1621**

Engineer's Construction Cost Estimate

| Item | Description                                   | Quantity | Unit | Unit Price  | Price       |
|------|---|----------|------|-------------|-------------|
| 1    | Mobilization / Traffic Control                | 1        | LS   | \$50,000.00 | \$50,000.00 |
| 2    | Demolition                                    | 1        | LS   | \$15,000.00 | \$15,000.00 |
| 3    | Silt protection/ NPDES                        | 1        | LS   | \$4,000.00  | \$4,000.00  |
| 4    | Sitework                                      | 1        | LS   | \$50,000.00 | \$50,000.00 |
| 5    | Irrigation & Landscaping                      | 1        | LS   | \$8,000.00  | \$8,000.00  |
| 6    | Dual Gates w/ Operators & Controls (Complete) | 1        | LS   | \$75,000.00 | \$75,000.00 |
| 7    | Masonry Walls                                 | 1        | LS   | \$65,000.00 | \$65,000.00 |
| 8    | Simulated Stucco Finish (Match Existing)      | 1        | LS   | \$35,000.00 | \$35,000.00 |
| 9    | Wall Aesthetic Treatment                      | 1        | LS   | \$3,000.00  | \$3,000.00  |
| 10   | Concrete Driveway / Sidewalks                 | 1        | LS   | \$10,000.00 | \$10,000.00 |
| 11   | Pedestrian Door w/ Controls (Complete)        | 1        | LS   | \$10,000.00 | \$10,000.00 |
| 12   | Electrical                                    | 1        | LS   | \$20,000.00 | \$20,000.00 |

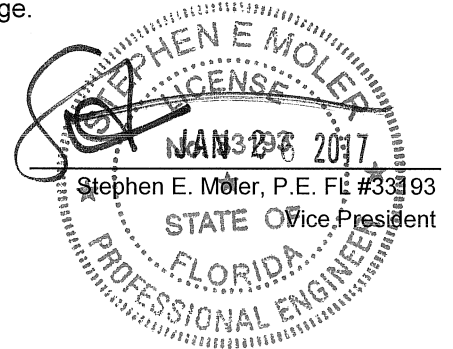
|                                   |                     |
|-----------------------------------|---------------------|
| Total Estimated Construction Cost | <b>\$345,000.00</b> |
|-----------------------------------|---------------------|

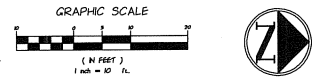
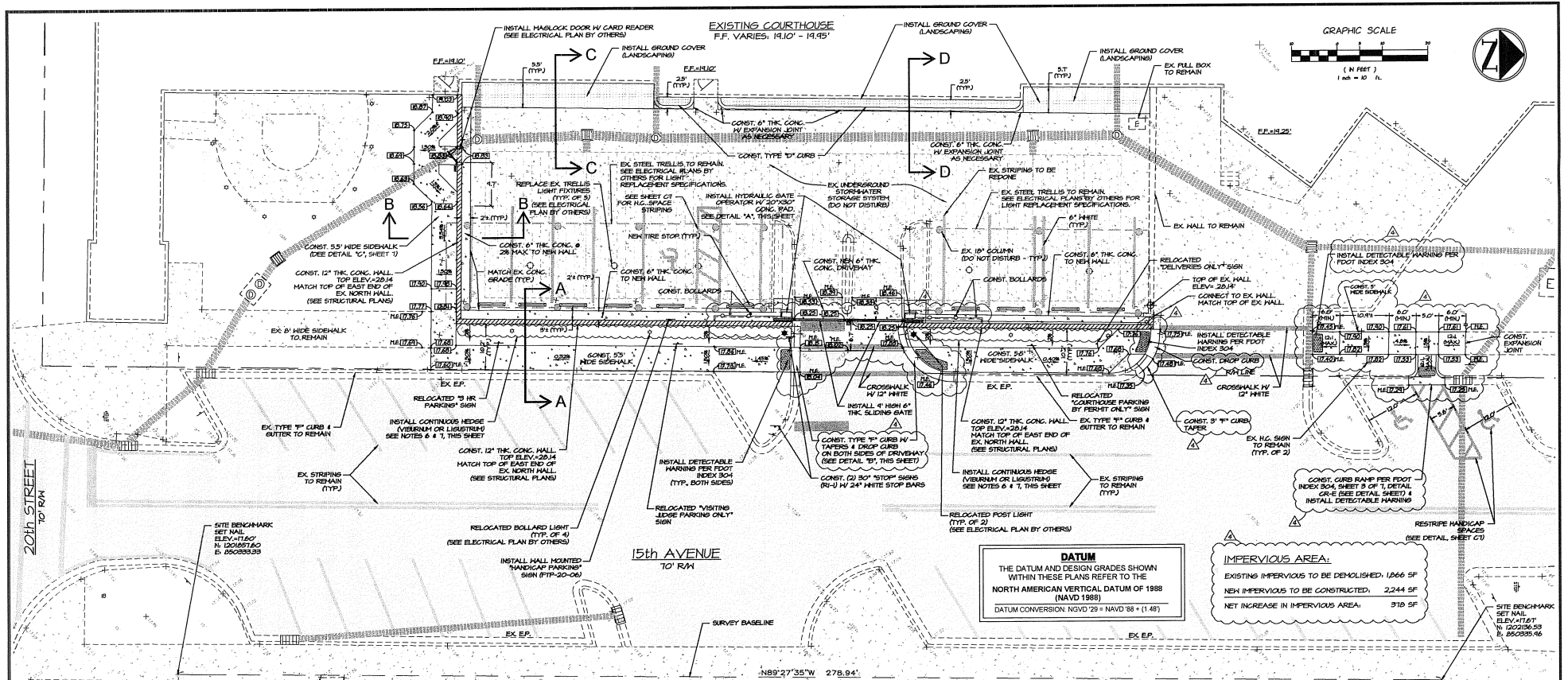
Contingency 15% \$51,750.00

|  |                     |
|--|---------------------|
| Total Estimated Construction Cost w/ Contingency | <b>\$396,750.00</b> |
|--|---------------------|

Prepared by **MASTELLER & MOLER, INC.**

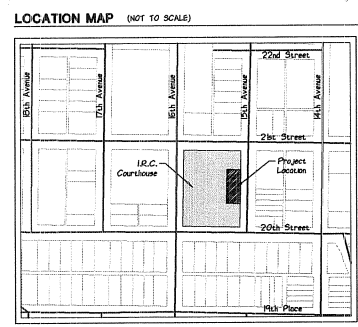
I, Stephen E. Moler, a Florida Professional Engineer, License No. 33193, certify to Indian River County that this cost estimate has been prepared under my responsible direction for those improvements itemized in this exhibit and that the total cost estimate is true and accurate to the best of my knowledge.





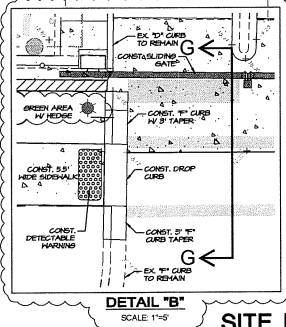
**DATUM**  
 THE DATUM AND DESIGN GRADES SHOWN WITHIN THESE PLANS REFER TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 1988).  
 DATUM CONVERSION NGVD '29 = NAVD '88 + (1.48)

**IMPERVIOUS AREA:**  
 EXISTING IMPERVIOUS TO BE DEMOLISHED: 1866 SF  
 NEW IMPERVIOUS TO BE CONSTRUCTED: 2244 SF  
 NET INCREASE IN IMPERVIOUS AREA: 378 SF

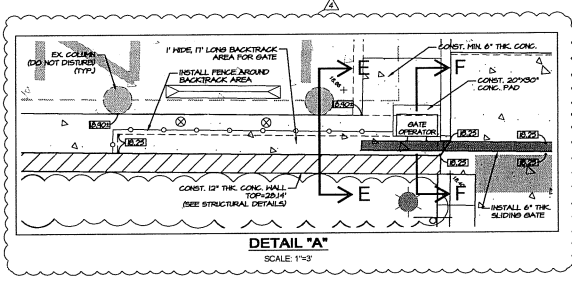


**LEGEND**

|  |   |
|--|---|
|  | PROPOSED SPOT ELEVATION                                   |
|  | MATCH EXISTING ELEVATION (ELEVATION SHOWN IS APPROXIMATE) |
|  | EXISTING SPOT ELEVATION                                   |
|  | INSTALL GROUND COVER (LANDSCAPING)                        |
|  | CONSTRUCT NEW CONCRETE                                    |
|  | EXISTING CONCRETE   |
|  | EXISTING ASPHALT PAVEMENT                                 |



- NOTES:**
1. NO EXISTING UTILITIES OR STORMWATER FACILITIES SHALL BE DISTURBED DURING CONSTRUCTION.
  2. CONTRACTOR SHALL INSTALL AND MAINTAIN INLET PROTECTION AS NECESSARY.
  3. ALL REQUIRED GROUND COVER PLANT MATERIAL SHALL BE IN SUCH A MANNER AND IN SUFFICIENT QUANTITY TO ACHIEVE 100 PERCENT COVERAGE WITHIN 180 DAYS.
  4. NEW SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2%, AND THE LONGITUDINAL SLOPE SHALL NOT EXCEED 5%.
  5. SEE ELECTRICAL AND STRUCTURAL PLANS BY OTHERS FOR ADDITIONAL CONSTRUCTION INFORMATION.
  6. HEDGE PLANT MATERIAL SHALL BE A MINIMUM OF 24 INCHES IN HEIGHT AT THE TIME OF PLANTING AND SHALL BE INSTALLED NO MORE THAN 30 INCHES ON CENTER.
  7. CONTRACTOR SHALL MODIFY EX. IRRIGATION SYSTEM AS REQ'D FOR IRRIGATION OF NEW HEDGE.
  8. ALL PAVEMENT MARKINGS WITHIN CITY OF VERO BEACH R/W SHALL BE 30 MIL EXTRUDED ALK/DT THERMOPLASTIC.



**SITE IMPROVEMENTS PLAN**  
**CONSTRUCTION PLANS**  
**INDIAN RIVER COUNTY COURTHOUSE**  
**JUDGE'S SECURITY UPGRADE**  
**INDIAN RIVER COUNTY**

**MASTELLER & MOLER, INC.**  
**CONSULTING ENGINEERS**  
 CERTIFICATE OF AUTHORIZATION NUMBER 4204  
 1655 27th STREET, SUITE 2, VERO BEACH, FLORIDA 32960  
 (772) 567-5300 / FAX (772) 794-1106

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DATE: 10/12/16  
 SCALE: 1" = 10'  
 SHEET: C6 OF 7  
 PROJECT NO.: 1622

9/10/2017  
 STEPHEN E. MOLER, P.E. FL #33193

**REVISIONS**

| NO. | DATE     | REV. PER I.R.C. COMMENTS                         | DR/APP  |
|-----|----------|--|---------|
| 1   | 01/12/17 | REV. CURB, GATE, SIGN, & GATE                    | JTH/SEM |
| 2   | 02/07/16 | REV. PER CURB COMMENTS & ADD STOP SIGNS/STRIPING | JTH/SEM |
| 3   | 01/08/16 | ADDED HEDGE ALONG EAST WALL (SHEET C6)           | JTH/SEM |
| 4   | 02/23/16 | REV. PER I.R.C. COMMENTS                         | JTH/SEM |