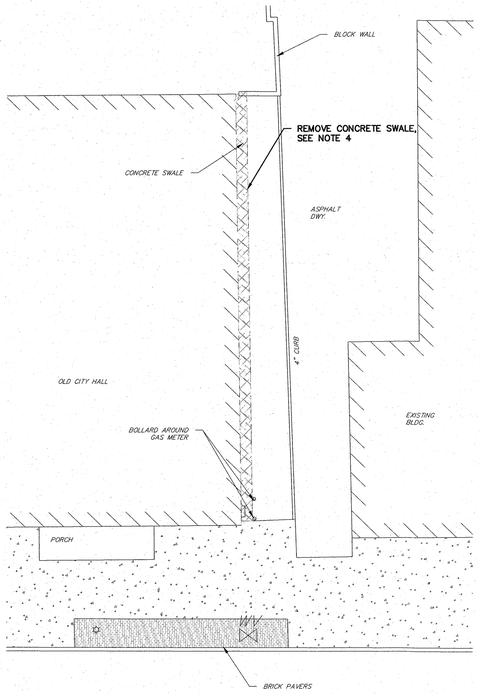
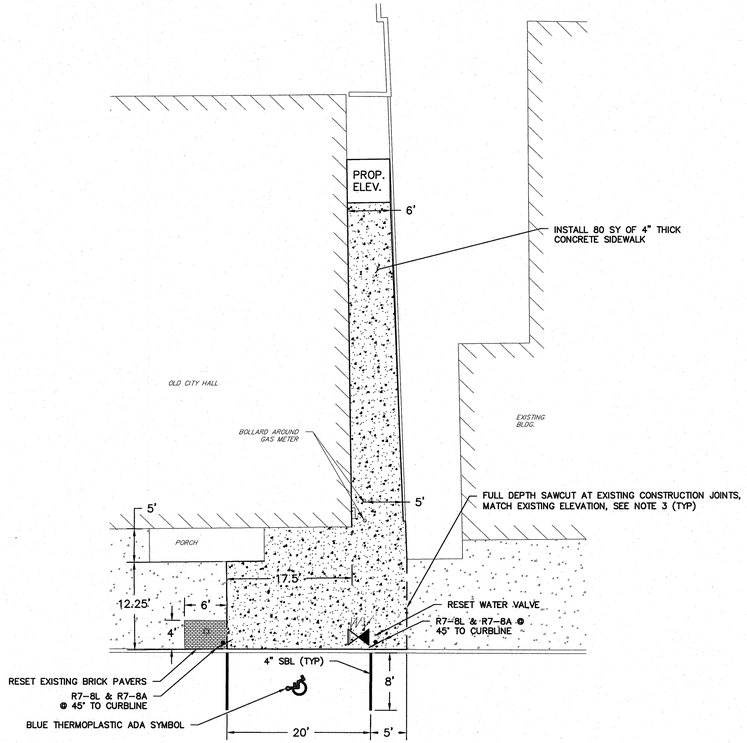



CROSSWICKS STREET (CR 528)

## EXISTING CONDITIONS & DEMOLITION PLAN

N.T.S.




CROSSWICKS STREET (CR 528)

## CONSTRUCTION PLAN

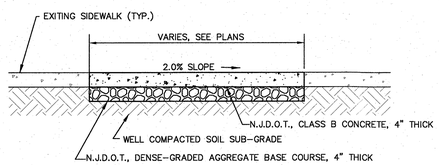
N.T.S.

### NOTES:

1. EXISTING CONDITIONS ARE SHOWN FOR GRAPHICAL REFERENCE ONLY AND WERE DEVELOPED FROM 2015 "NJGIN" DIGITAL ORTHO IMAGERY FLOWN AT 1":200' SCALE. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS IN THE FIELD PRIOR TO THE START OF CONSTRUCTION. REMINGTON & VERNICK ENGINEERS DID NOT SURVEY OR FIELD VERIFY THE ACCURACY AND PRECISION OF ANY PLANIMETERIC FEATURES CONTAINED IN THIS MAPPING. IT HAS NOT BEEN DEVELOPED NOR VERIFIED BY A PROFESSIONAL LICENSED LAND SURVEYOR AND ANY USE OF THE THIS PRODUCT FOR MORE THAN GRAPHICAL REFERENCE SHALL BE THE SOLE RESPONSIBILITY OF THE END USER.
2. THE 2007 NJDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION SHALL GOVERN THIS PROJECT.
3. NO SEPARATE PAYMENT SHALL BE MADE FOR SAWCUTTING. HOWEVER, IT SHALL BE INCLUDED IN THE UNIT BID PRICE FOR "CONCRETE SIDEWALK, 4" THICK".
4. NO SEPARATE PAYMENT SHALL BE MADE FOR THE REMOVAL OF THE CONCRETE SWALE. HOWEVER, IT SHALL BE INCLUDED IN THE UNIT BID PRICE FOR "CLEARING SITE (NOT TO EXCEED $1000)".

### TO BE CONSTRUCTED

| # | DESCRIPTION | UNITS | PLAN QUANTITY |
|---|---|---|---|
| 19 | CONCRETE SIDEWALK, 4" THICK | SY | 85 |
| 20 | RESET BRICK PAVER | SY | 4 |
| 21 | RESET WATER VALVE BOX | UN | 1 |
| 22 | TRAFFIC STRIPES, EXTRUDED THERMOPLASTIC, 4" THICK | LF | 16 |
| 23 | TRAFFIC MARKINGS, SYMBOLS, EXTRUDED THERMOPLASTIC | SF | 16 |
| 24 | REGULATORY & WARNING SIGNS | SF | 4.16 |




## CONCRETE SIDEWALK SECTION

N.T.S.

### NOTES:

1. EXPANSION JOINTS SHALL BE INSTALLED AT 20' INTERVALS.
2. CONSTRUCTION JOINTS SHALL BE INSTALLED AT 4' INTERVALS.
3. NO SEPARATE PAYMENT WILL BE MADE FOR THE INSTALLATION OF D.G.A. HOWEVER, IT SHALL BE INCLUDED IN THE UNIT BID PRICE FOR "CONCRETE SIDEWALK, 4" THICK".

R7-8R (18"x9") 1 UNIT @ 1.25 SF

R7-8L (18"x9") 1 UNIT @ 1.25 SF

R7-8A (10"x12") 2 UNIT @ .83 SF EA.

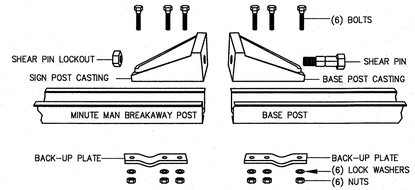
## ADA SIGN DETAILS

N.T.S.

GRID FOR LAYOUT ONLY
ONE SQUARE EQUALS 4"x 4"

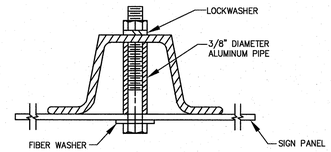
## ADA SYMBOL

N.T.S.




## BREAKAWAY POST DETAIL

N.T.S.




## FRONT MOUNT BRACKET

N.T.S.

### NOTES:

1. ALL POSTS SHALL BE OF ADEQUATE LENGTH TO MEET THE REQUIREMENTS FOR ERECTION AS STATED IN THE CURRENT "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" AND AS INDICATED BELOW.
2. ALL SMALL SIGN SUPPORTS SHALL BE OF THE BREAKAWAY TYPE WITH THE EXCEPTION OF THOSE INSTALLED BEHIND GUIDE RAIL OR OTHER ROADSIDE BARRIER.
3. ALL STEEL POSTS AND BRACKETS SHALL BE CUT, BENT, AND HOLES PUNCHED AND DRILLED BEFORE GALVANIZING SHALL BE IN CONFORMANCE WITH CURRENT ASTM A123.
4. ALL STEEL U-POST SIGN SUPPORTS MUST BE INSTALLED FACING THE PREDOMINANT TRAFFIC FLOW. A MOUNTING BRACKET SHOULD BE USED ON SIDE MOUNTED SIGNS SUCH AS "ONE WAY" SIGNS INSTALLED IN MEDIANS.
5. SIGN PANEL SIZES SHALL DETERMINE POST TYPE AND NUMBER AS SHOWN ON THIS DETAIL.
6. BOLTS SHALL NOT PROTRUDE MORE THAN 3/4" BEYOND THE NUT WHEN TIGHT, BUT SHALL ENGAGE ALL THREADS IN THE NUT.
7. WHEN SIGNS ARE INSTALLED ON SLOPES 10H:1V OR FLATTER, THE MINIMUM VERTICAL CLEARANCE REQUIREMENTS FOR SIGNS ARE:

   FOR SINGLE POST INSTALLATIONS – THE MINIMUM DISTANCE BETWEEN THE EDGE OF THE PAVEMENT AND THE BOTTOM OF ANY PANEL MUST BE 7 FEET, AND THE MINIMUM DISTANCE FROM EDGE OF PAVEMENT TO THE TOP OF ANY SIGN PANEL MUST BE 9 FEET.

   FOR MULTI-POST INSTALLATIONS – THE MINIMUM DISTANCE BETWEEN THE EDGE OF PAVEMENT AND THE BOTTOM OF A MAJOR SIGN PANEL MUST BE 7 FEET.

   SECONDARY SIGN PANELS (LAND SERVICE HIGHWAYS) – THE MINIMUM DISTANCE BETWEEN THE EDGE OF PAVEMENT AND THE BOTTOM OF A SECONDARY SIGN PANEL IS 6 FEET.

   SECONDARY SIGN PANELS (INTERSTATE AND FREEWAYS) – THE BOTTOM OF THE MAJOR SIGN SHALL BE A MINIMUM OF 8 FEET AND THE SECONDARY SIGN PANEL A MINIMUM OF 5 FEET ABOVE THE EDGE OF PAVEMENT.

   WHERE GRADING OF 10H:1V OR FLATTER CANNOT BE OBTAINED, OR WHERE CURB OR BERM IS GREATER THAN 4 INCHES, THE MINIMUM VERTICAL CLEARANCE WILL BE MEASURED FROM THE GROUND LINE TO THE BOTTOM OF THE SIGN.
8. PERMANENT SIGN SUPPORTS SHOULD NOT BE INSTALLED ON SLOPES GREATER THAN 10H:1V, EXCEPT WHERE GRADING OF 10H:1V CANNOT BE OBTAINED OR THE SIGN SUPPORTS WILL BE BEHIND A TRAFFIC BARRIER. THE SLOPE SHALL EXTEND A MINIMUM OF 3 FEET BEYOND THE OUTSIDE EDGE OF SIGN (SEE GRADING DETAIL FOR SLOPE TREATMENT).
9. EXTRUDED ALUMINUM SIGN PANELS ARE NOT PERMITTED FOR USE WITH STEEL U-POST SIGN SUPPORTS.
10. STEEL U-POST SIGN SUPPORTS SHALL NOT BE PLACED IN FRONT OF GUIDE RAIL AND THE POSTS MUST NOT STRADDLE GUIDE RAIL.
11. TO EXTEND THE HEIGHT OF A SIGN POST, A MAXIMUM OF ONE SPLICE MAY BE MADE AND MUST BE A MINIMUM OF 9 FEET FROM THE GROUNDLINE TO CENTERLINE OF SPLICE.
12. ALL SIGNS MUST HAVE MINUTEMAN BREAKAWAY SIGN POST SYSTEM OR APPROVED EQUAL.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Certification of Authorization: 24 GA 28003300
~ENGINEERING EXCELLENCE~

DATE: 4/2/18
KIM WENDELL BIBBS
NJ PROFESSIONAL ENGINEER LIC. No. 41717



PLANS WHICH DO NOT BEAR AN EMBOSSED SEAL ARE NOT VALID

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| No. | REVISION | DATE | BY | CHK |
|---|---|---|---|---|

# CONSTRUCTION PLAN & DETAILS

OLD CITY HALL SITE & ELEVATOR PROJECT

CITY OF BORDENTOWN — BURLINGTON COUNTY — NEW JERSEY

CITY OF BORDENTOWN

| DRAWN BY: | DESIGN BY: | CHECKED BY: | SCALE: |
|---|---|---|---|
| JPB | JPB | KWB | AS NOTED |

DATE: 2-14-18

JOB No: 0303T018

SHEET No: 1 of 1

T:\Bordentown City\T018 - Old City Hall Elevator\Engineering & Design\CAD & Drawings\Rc0307T018-1.dwg 4/6/2018 9:36:20 AM