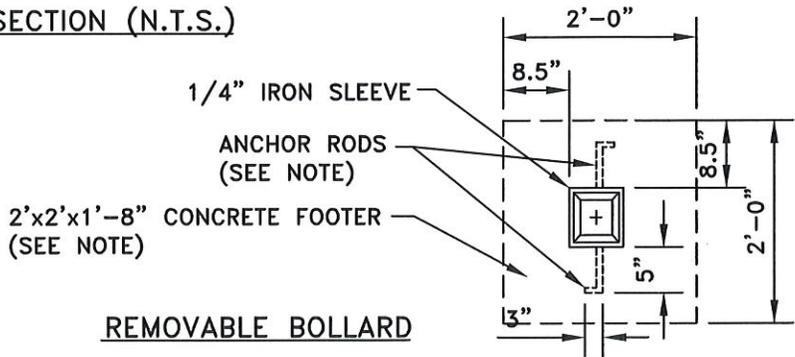


STANDARD BOLLARD - 6"x6"x6'-4" No. 2 SOUTHERN YELLOW PINE. ALL TIMBERS ARE TO BE TREATED WITH A.W.P.I. L.P. 22 (WOLMAN SALTS OR EQUAL) AND HAVE A RETENTION OF 40 P.S.F.

NOTES:

- THE CONTRACTOR SHALL INSTALL THE EARTHEN BACKFILL IN 6" LIFTS AND TAKE CARE TO PLUMB EACH POST.
- THE IRON SLEEVES, ANGLE IRON, AND ANCHOR RODS SHALL BE PAINTED WITH TWO COATS OF RUST-OLEUM No. 769 DAMP-PROOF RED PRIMER OR EQUAL PRIOR TO INSTALLATION.
- THE CONTACTOR MAY SUBSTITUTE A 24" CIRCULAR FOOTER IN PLACE OF THE ONE SHOWN.

BOLLARD SECTION (N.T.S.)



APPROVED 7-13-20
Mitchel Volod
 CITY ENGINEER

BIKE PATH
 WOOD BOLLARD
 DETAIL

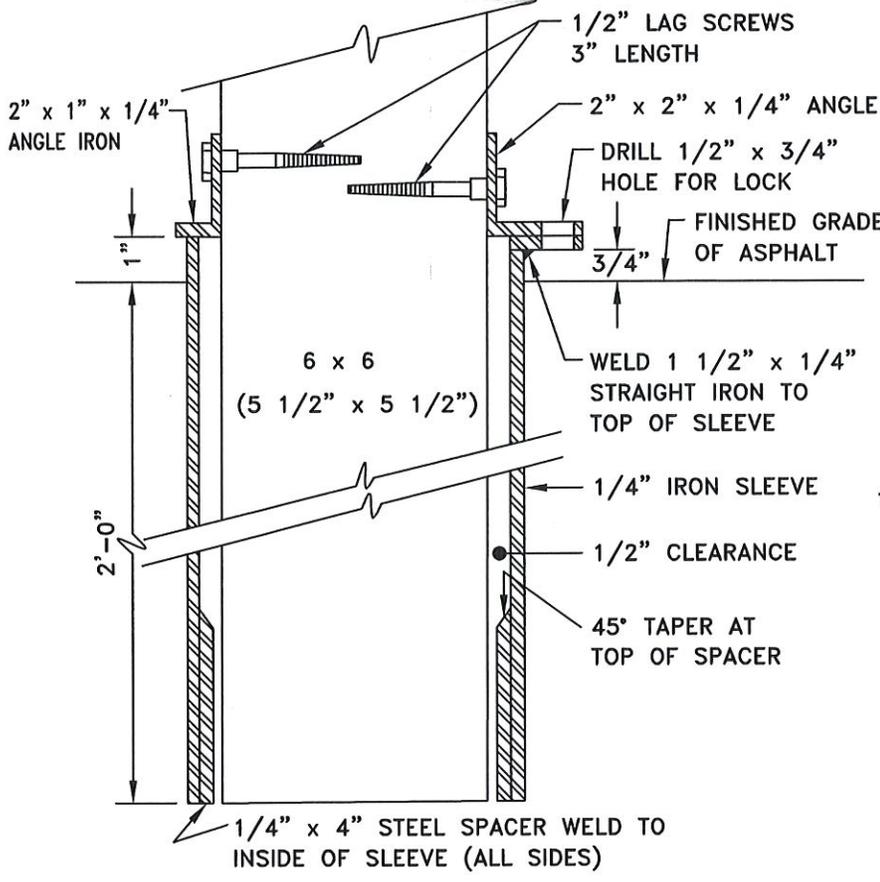
CITY OF LANCASTER, OHIO
 DEPARTMENT OF ENGINEERING

STANDARD
 CONSTRUCTION DRAWING

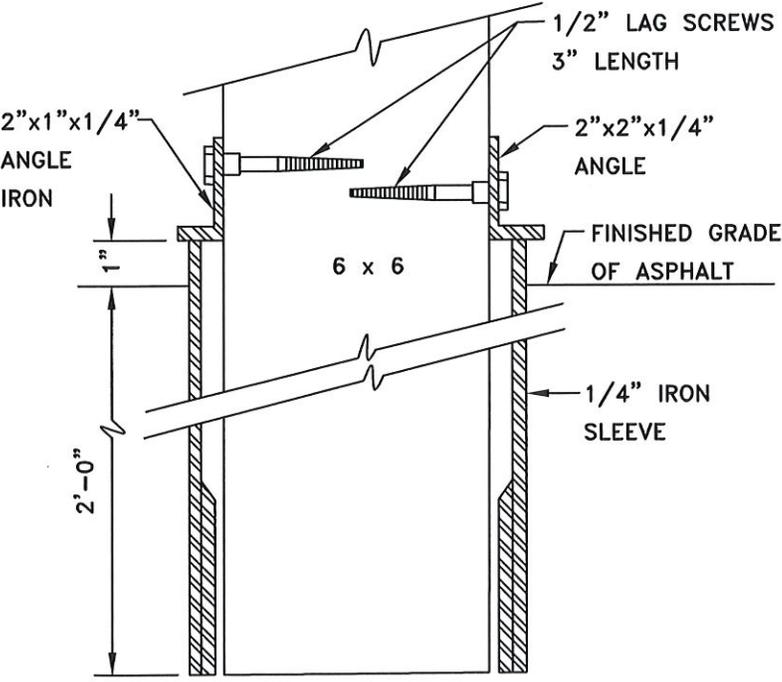
DWG. BY: ADH
 CHK'D BY: MN

FILE NUMBER
M-1

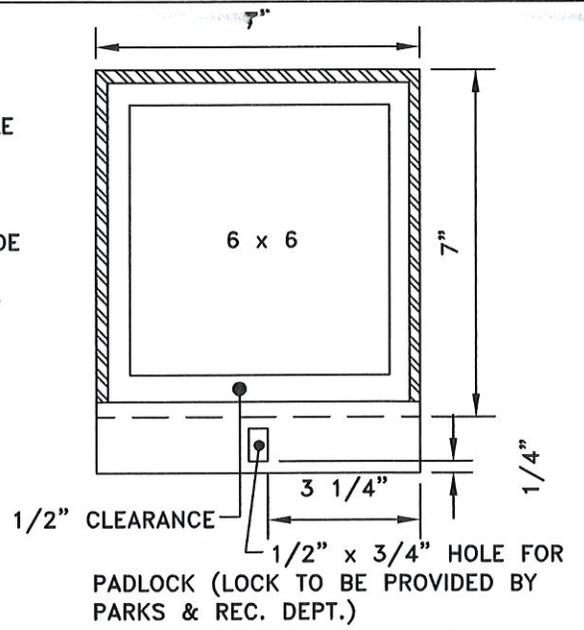
REVISED: 13 JUL 20



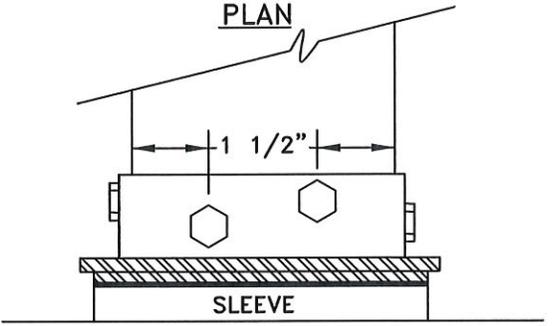
SECTION A-A



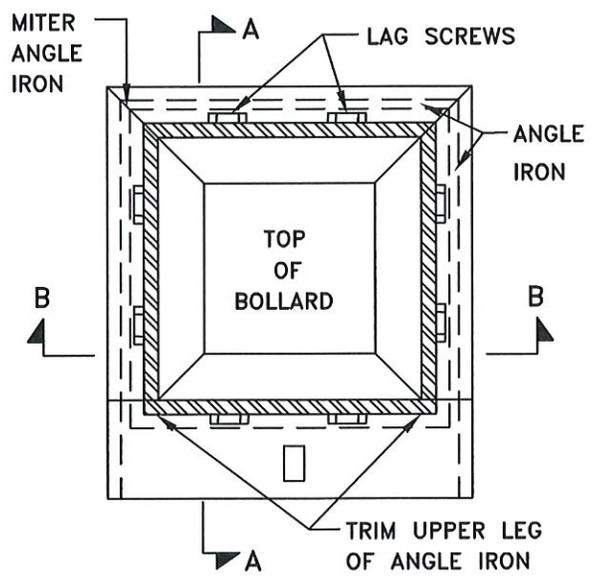
SECTION B-B



PLAN



ELEVATION



PLAN

APPROVED 7-13-20
Metal Voland
 CITY ENGINEER

REVISED: 13 JUL 20

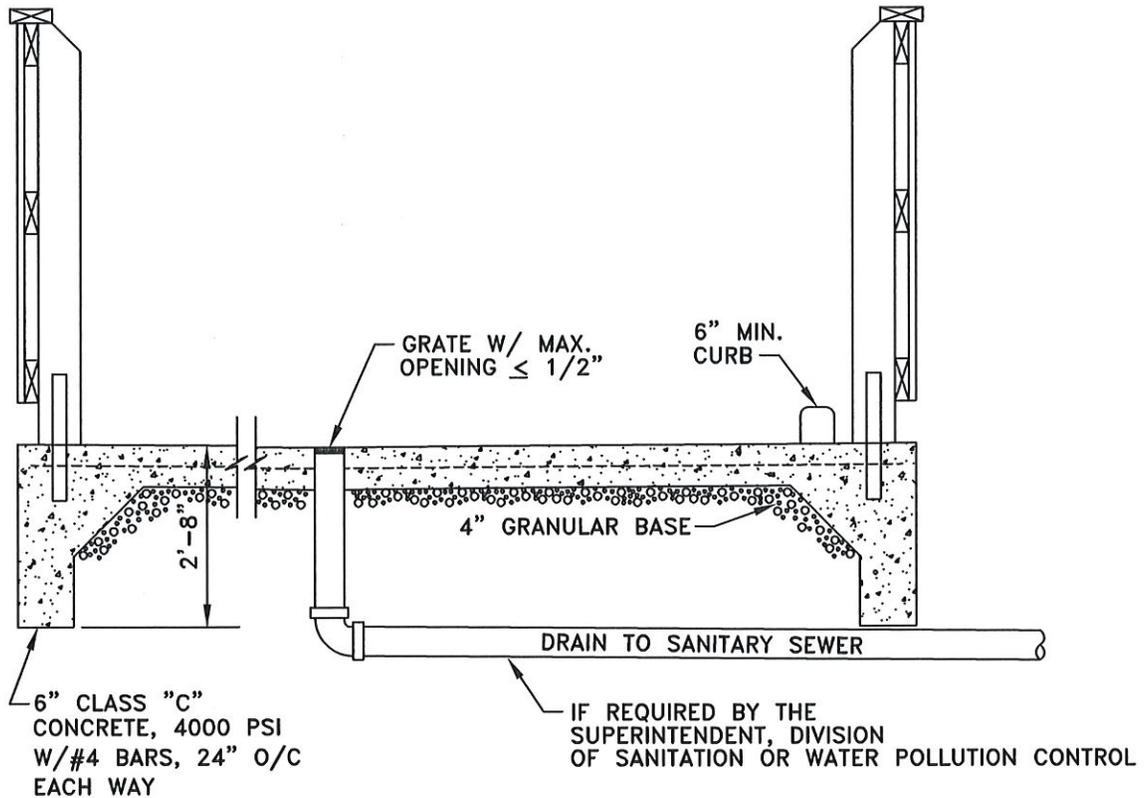
REMOVEABLE
 BOLLARD
 DETAIL

CITY OF LANCASTER, OHIO
 DEPARTMENT OF ENGINEERING

STANDARD
 CONSTRUCTION DRAWING

DWG. BY:ADH.....
 CHK'D BY:MN.....

FILE NUMBER
 M-2



SECTION A-A

1. DOORS SHALL OPEN 180° TO FULL SWING AND SHALL BE SECURABLE IN THE OPEN POSITION. A LATCH SHALL BE INSTALLED ON THE EXTERIOR OF THE DOORS TO SECURE THEM IN THE CLOSED POSITION.
2. CONCRETE IS REQUIRED FOR ENCLOSURE FLOOR AND APPROACH.
3. HEIGHT AND CONSTRUCTION MATERIALS OF WALLS ARE OPTIONAL.
4. WHEN AN ENCLOSURE WITH DOORS IS USED, A PUBLIC GATE NO LESS THAN 36 INCHES WIDE SHALL BE INSTALLED ON THE ENCLOSURE.
5. WATER HOSE CONNECTION SHALL BE AVAILABLE IN OR NEAR THE ENCLOSURE.
6. WHERE WOOD CONSTRUCTION IS USED, INSIDE WALLS SHALL BE PROTECTED BY A RAILING, BOLLARDS, OR CURB TO PREVENT DAMAGE.
7. A DRAIN SHALL BE PLACED IN THE CENTER OF ENCLOSURE WHEN REQUIRED BY THE SUPER-INTENDENT, DIVISION OF SANITATION OR WATER POLLUTION CONTROL. THE DRAIN AND ENCLOSURE PAD SHALL BE CONSTRUCTED SUCH THAT THE DRAIN DOES NOT ACT AS AN AREA DRAIN AND SHALL DRAIN ONLY THE ENCLOSURE PAD. THE PAD SHALL NOT BE LESS THAN 6" HIGHER THAN THE NEARBY GRADES AND THE GROUND SHALL BE SLOPED AT 1/4" PER FOOT AWAY FROM THE PAD. THE PAD SHALL BE AT 1/8" PER FOOT TOWARDS THE DRAIN. THE DRAIN SHALL BE CONSTRUCTED OF THE SAME MATERIALS AND METHODS AS A BUILDING SANITARY SEWER LATERAL. THE DRAIN SHALL HAVE A GREASE TRAP ON A LINE OF APPROVED SIZE WHEN REQUIRED BY THE SUPERINTENDENT, DIVISION OF WATER POLLUTION CONTROL.
8. DUMPSTER DRAINS SHALL BE PLUMBED TO THE OHIO PLUMBING CODE.
9. IT SHALL BE THE PROPERTY OWNERS RESPONSIBILITY TO PROPERLY MAINTAIN THE ENCLOSURE, PAD, DRAINS, GREASE TRAPS, ETC.
10. WHERE NO DRAIN IS INSTALLED, THE DUMPSTER PAD SHALL BE INSTALLED A MINIMUM OF 1.5" ABOVE SURROUNDING PAVEMENT.

APPROVED 7-13-20

SUPERINTENDENT, DIVISION OF SANITATION
Mitch Nalup
 CITY ENGINEER

REVISED: 13 JUL 20

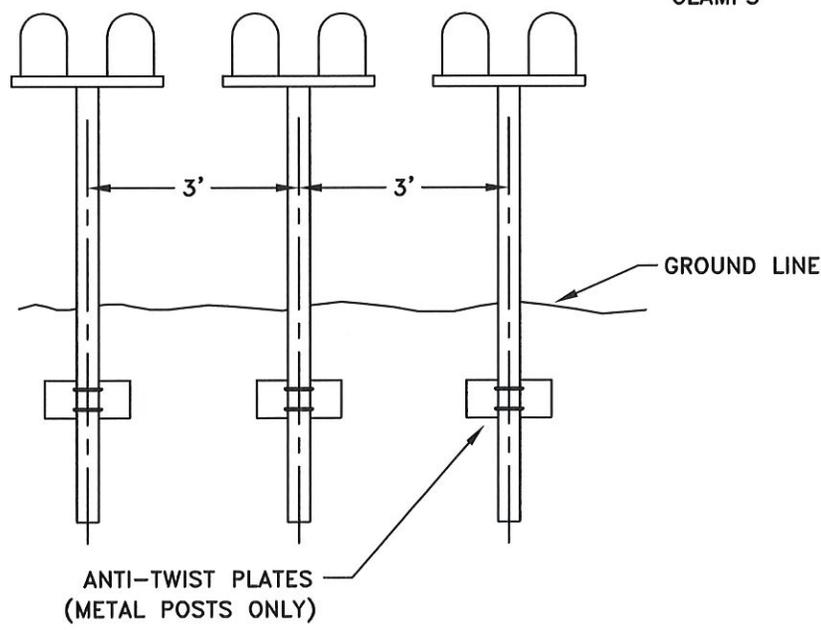
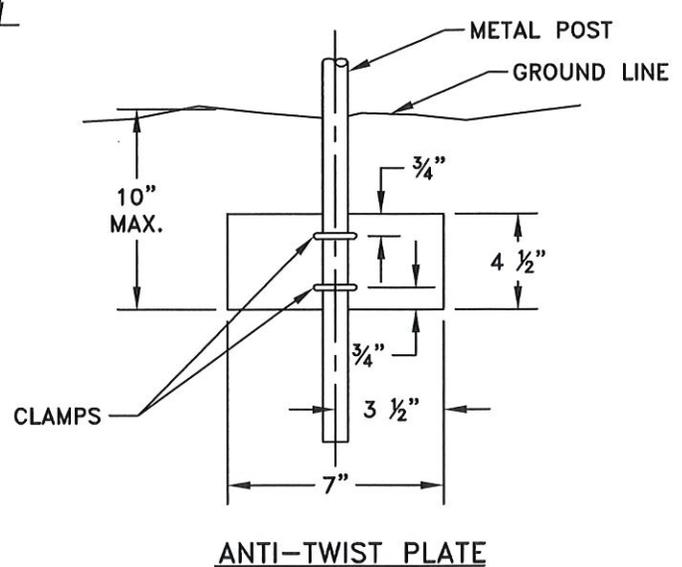
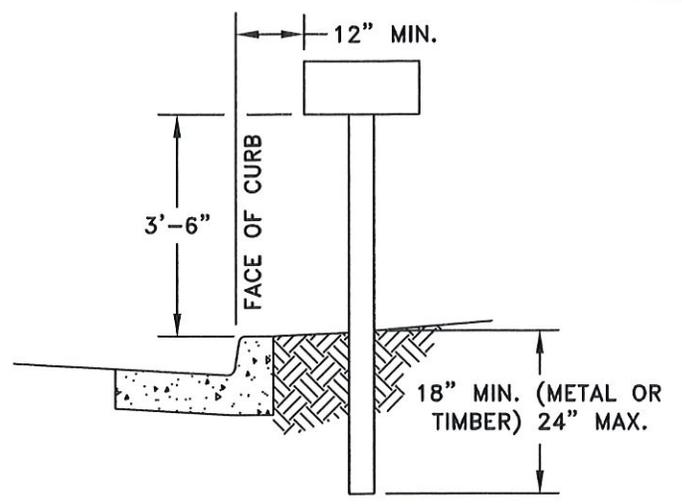
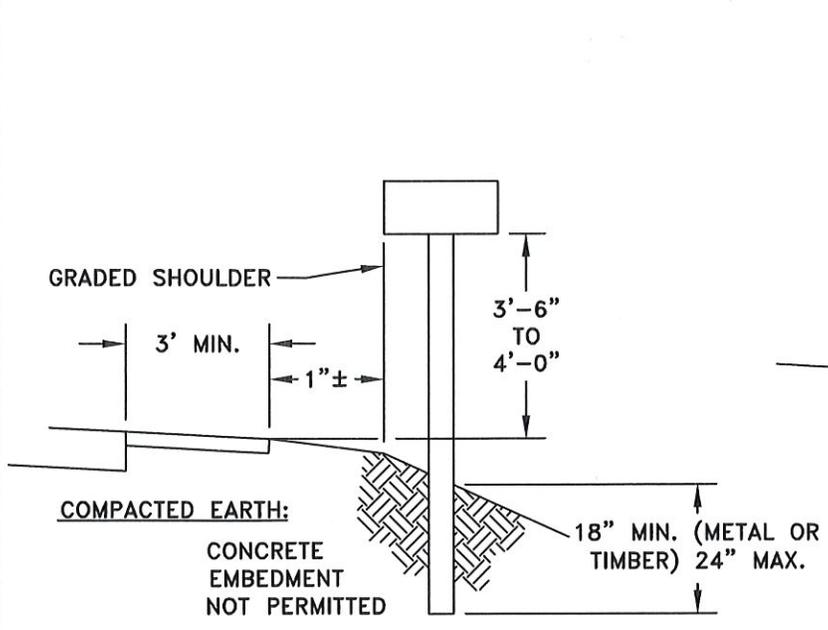
SPECIFICATIONS
 FOR
 DUMPSTER ENCLOSURE

CITY OF LANCASTER, OHIO
 DEPARTMENT OF ENGINEERING

STANDARD
 CONSTRUCTION DRAWING

DWG. BY:ADH.....
 CHK'D BY:MN.....

FILE NUMBER
M-3 SHEET
 2 OF 2



SEE SHEET 2 FOR
INSTALLATION POLICY

APPROVED 7-13-20

Mitel Nolef

CITY ENGINEER

REVISED: 13 JUL 20

MAILBOX
INSTALLATION

CITY OF LANCASTER, OHIO
DEPARTMENT OF ENGINEERING

STANDARD
CONSTRUCTION DRAWING

DWG. BY: ADH
CHK'D BY: MN

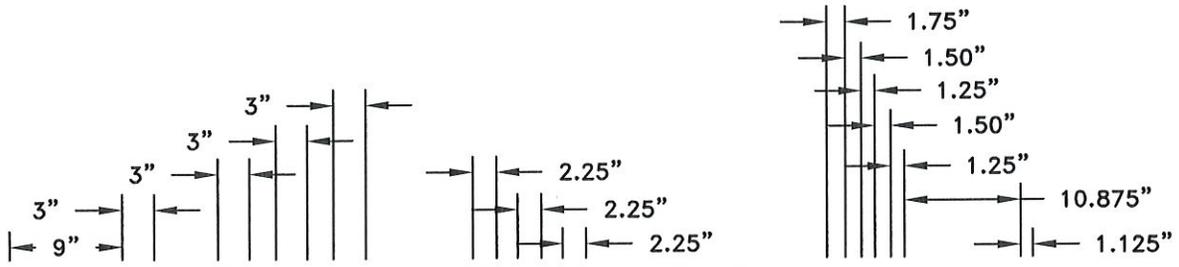
FILE NUMBER
M-4 SHEET
1 OF 2

MAILBOX INSTALLATION POLICY

ALL MAILBOX UNITS, ATTACHMENTS, DECALING, SUPPORTS AND INSTALLATION THEREOF ARE TO BE IN STRICT ACCORDANCE WITH THE UNITED STATES POSTAL REGULATIONS AND IN COMPLIANCE WITH THE FOLLOWING:

1. THE MAILBOX UNIT SHALL BE ENTIRELY OF PLASTIC AND OR LIGHTWEIGHT GALVANIZED STEEL CONSTRUCTION. NEWSPAPER DELIVERY BOXES SHALL BE OF THE SAME TYPE OF CONSTRUCTION AND OF MINIMUM DIMENSIONS SUITABLE FOR HOLDING NEWSPAPERS.
2. THE MAILBOX UNIT TO SUPPORT ATTACHMENT SHOULD BE OF SUFFICIENT STRENGTH TO PREVENT THE BOX FROM SEPARATING FROM THE POST TOP IF STRUCK BY A VEHICLE.
3. THE SUPPORT STRUCTURE (POST) SHALL BE OF A BREAKAWAY NATURE; SINGLE 4" x 4" x 4 1/2" DIAMETER WOODEN POST; OR A METAL POST WITH A STRENGTH NO GREATER THAN A 2" DIAMETER STANDARD STRENGTH STEEL PIPE (WITH A WEIGHT NOT IN EXCESS OF 2.6 LBS. PER FOOT) AND EMBEDDED NO MORE THAN 24" INTO THE GROUND. A METAL POST SHALL NOT BE FITTED WITH AN ANCHOR PLATE, BUT IT MAY HAVE AN ANTI-TWIST DEVICE THAT EXTENDS NO MORE THAN 10" BELOW THE GROUND SURFACE. MAILBOX SUPPORTS SHALL NOT BE SET IN CONCRETE.
4. MULTIPLE MAILBOX UNITS OF MORE THAN TWO BOXES MAY NOT BE MOUNTED ON ONE SUPPORT UNLESS THE SUPPORT STRUCTURE AND MAILBOX ARRANGEMENT HAVE BEEN SHOWN TO BE SAFE BY CRASH TESTING. HOWEVER, LIGHTWEIGHT NEWSPAPER BOXES MAY BE MOUNTED BELOW THE MAILBOX ON THE SIDE OF THE MAILBOX SUPPORT.
5. THE MINIMUM SPACING BETWEEN THE CENTERS OF SUPPORTS (POST) SHALL BE 3' BETWEEN POSTS.
6. THE UNIT SHALL BE PLACED AT AN OFFSET FROM THE EDGE OF THE TRAVELED WAY TO INSURE THAT THE ROADSIDE FACE OF THE MAILBOX IS 12" OUTSIDE THE ALL-WEATHER SURFACE OF THE SHOULDER. WHEN A MAILBOX IS INSTALLED IN THE VICINITY OF THE EXISTING GUARDRAIL, IT SHALL BE PLACED BEHIND THE GUARDRAIL.
7. ANY MAILBOX OR MAILBOX INSTALLATION DEEMED TO BE HAZARDOUS TO TRAFFIC SHALL BE REMOVED FROM THE PUBLIC RIGHT-OF-WAY.

APPROVED <u>7-13-20</u>  CITY ENGINEER	MAILBOX INSTALLATION	CITY OF LANCASTER, OHIO DEPARTMENT OF ENGINEERING					
REVISED: 13 JUL 20		STANDARD CONSTRUCTION DRAWING					
		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%; padding: 2px;"> DWG. BY: ADH CHK'D BY: MN </td> <td style="width: 40%; padding: 2px;"> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">FILE NUMBER</td> </tr> <tr> <td style="padding: 2px; text-align: center;">M-4</td> </tr> <tr> <td style="padding: 2px; text-align: right;">SHEET 2 OF 2</td> </tr> </table> </td> </tr> </table>	DWG. BY: ADH CHK'D BY: MN	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">FILE NUMBER</td> </tr> <tr> <td style="padding: 2px; text-align: center;">M-4</td> </tr> <tr> <td style="padding: 2px; text-align: right;">SHEET 2 OF 2</td> </tr> </table>	FILE NUMBER	M-4	SHEET 2 OF 2
DWG. BY: ADH CHK'D BY: MN	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">FILE NUMBER</td> </tr> <tr> <td style="padding: 2px; text-align: center;">M-4</td> </tr> <tr> <td style="padding: 2px; text-align: right;">SHEET 2 OF 2</td> </tr> </table>	FILE NUMBER	M-4	SHEET 2 OF 2			
FILE NUMBER							
M-4							
SHEET 2 OF 2							



CITY OF LANCASTER, OHIO

DEPARTMENT OF ENGINEERING

Other Departments

Project Name

CONTRACT # CONTRACTOR NAME

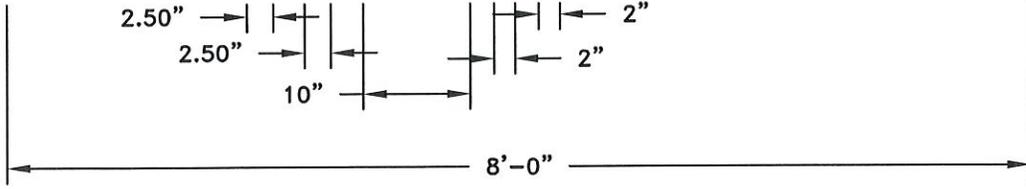
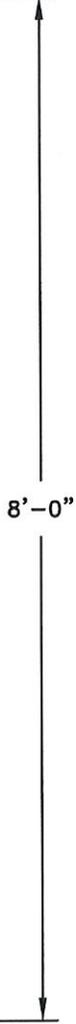
CONTRACT # CONTRACTOR NAME

CONTRACT # CONTRACTOR NAME



CONSULTANTS: Consultant Name

Your Dollars at Work



APPROVED 7-13-20

Mitch Holub

CITY ENGINEER

PROJECT IDENTIFICATION SIGN

CITY OF LANCASTER, OHIO
DEPARTMENT OF ENGINEERING

STANDARD CONSTRUCTION DRAWING

DWG. BY: ADH
CHK'D BY: MN

FILE NUMBER
M-5

REVISED: 13 JUL 20