## NOTES:

- 1. CONFORM TO THE METAL BAR GRATING MANUAL OF NAAMM. MATCH SUPPLEMENTAL GRATING SUPPORT BEAM FINISH TO GRATING MATERIAL USE SST GRATING SUPPORT ANGLES AND EMBEDS AT ALL AL AND SST GRATING. USE GALV STEEL GRATING SUPPORT ANGLES AND EMBEDS AT ALL GALV STEEL GRATING.
- 2. AL GRATING SHALL BE SWAGE LOCKED. GALV AND SST GRATING SHALL BE WELDED.
- 3. PROVIDE REMOVABLE GRATING WITH (4) HOLD DOWN CLIPS WITH SELF-TAPPING SCREWS APPROXIMATELY 4" FROM THE CORNERS OF EACH
- PIECE. 4. WELD BEARING AND CROSS BARS TO END BANDS AT AL GRATING.
- 5. CLEAR SPAN IS PLAN DIMENSION, FACE TO FACE OF OPENING.
- 6. AL GRATING SCHEDULE AND DETAILS ARE DESIGNED FOR PEDESTRIAN LOAD ONLY (100 PSF MAXIMUM). NO VEHICLE LOADS ARE ALLOWED.

7. GALV AND SST GRATING DESIGNED FOR 300 PSF (GOLF CART TRAFFIC) UNO ON DRAWINGS. PROVIDE 2" MINIMUM END BEARING. SEE PLANS

FOR BEARING BAR SIZE AND SPANS.

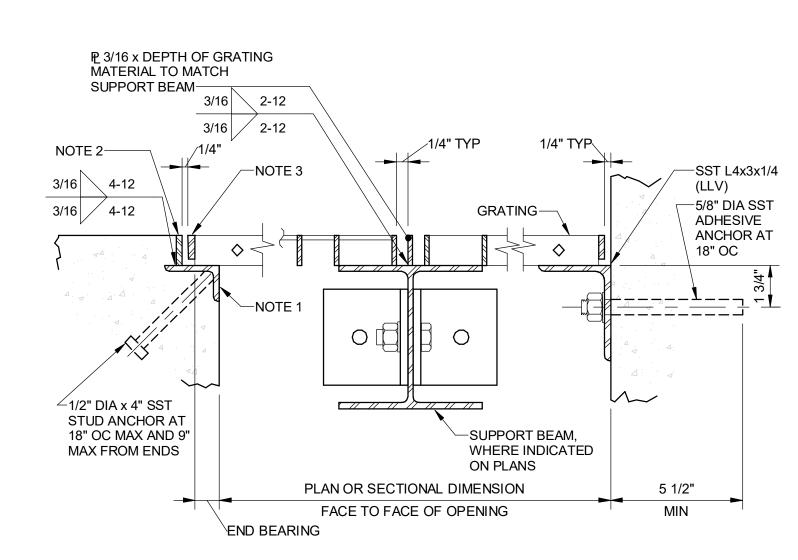
SEE NOTE 4

8. ALL AL SURFACES IN CONTACT WITH CONCRETE, GROUT, OR DISSIMILAR METALS SHALL HAVE CONTACT SURFACE PROTECTED IN ACCORDANCE WITH SPECIFICATIONS.

SERRATED ALUMINUM GRATING SCHEDUL		
CLEAR SPAN	BEARING	MINIMUM END
MAXIMUM	BAR SIZE	BEARING
4'-0"	1 1/2 x 3/16	1"
4'-6"	1 3/4 x 3/16	1"
5'-0"	2 x 3/16	1 1/2"
6'-0"	2 1/4 x 3/16	1 1/2"

2 1/2 x 3/16

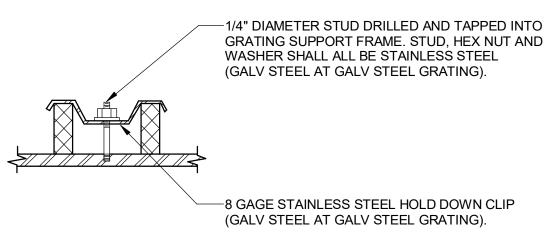
## GRATING PLAN NTS



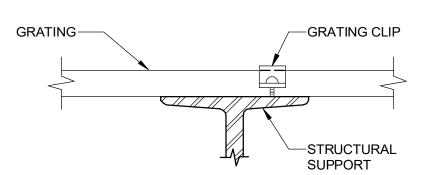
## NOTES:

- 1. SST L3x2x1/4 (LLH) MITER AND WELD CORNERS.
- 2. CONTINUOUS SST FLAT BAR, 1/4" x DEPTH OF GRATING. WELD CORNERS.
- 3. END EDGE BAND, 1/4" LESS THAN DEPTH OF GRATING, TYPICAL AT BEARING SEATS.
- 4. PROVIDE GALV STEEL ANGLES AND FLAT BARS AT GALV STEEL GRATING.

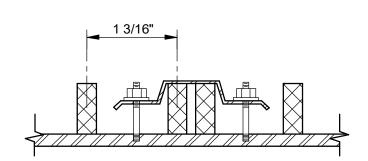
GRATING SUPPORT AT CONCRETE



**INTERIOR CLIP** 

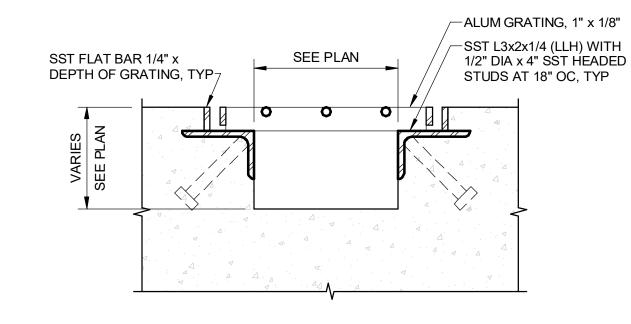


**CLIPS ON FRAMING** 

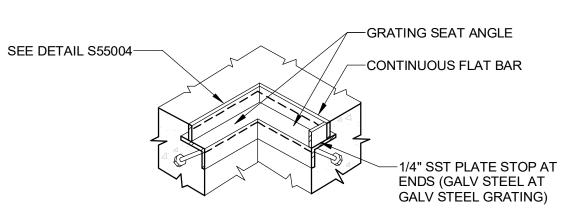


**CLIP AT EDGES** 

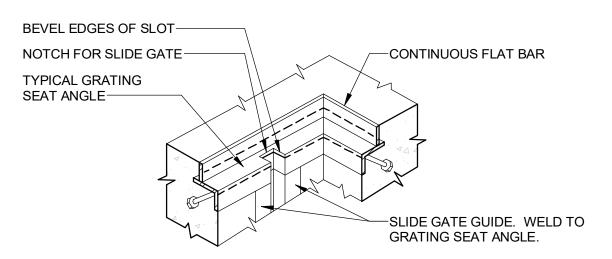






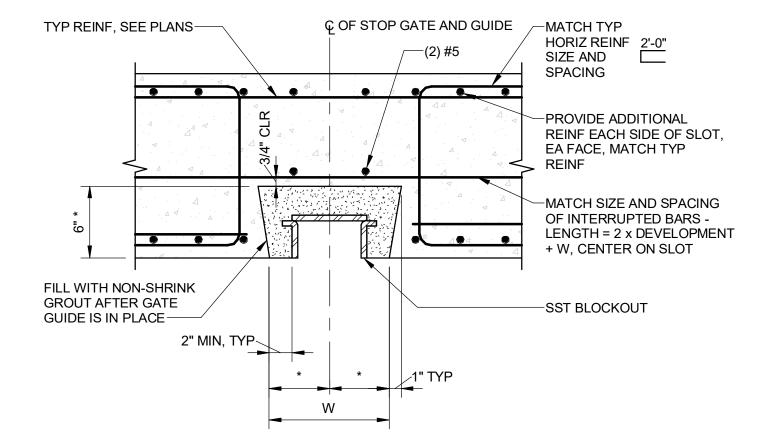


TYPICAL GRATING SUPPORT AT END RETURN



**GRATING SUPPORT AT SLIDE GATE** 

GRATING SUPPORT



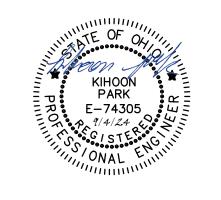
- 1. FLUSH BLOCKOUT TYPICAL UNLESS OTHERWISE NOTED OR SHOWN ON PLANS.
- 2. REINFORCEMENT DETAILS ARE FOR BLOCKOUT AT STRAIGHT RUN WALL. MODIFY TO FIT CONDITIONS OF WALL SHOWN ON PLANS.
- 3. WALL BLOCKOUT SHOWN. BLOCKOUT CONTINUES THROUGH CHANNEL BASE SLAB. REINFORCE BASE
- \* VERIFY WITH EQUIPMENT PROVIDED. COORDINATE WITH MECHANICAL STANDARD DETAILS.

BLOCKOUT FOR STOP LOG OR GATE GUIDE

NTS



445 HUTCHINSON AVE, SUITE 540 COLUMBUS, OH 43235



**BID SET** 



400 ASHBROOK ROAD CANAL WINCHESTER, OH 43110

## WRF HEADWORKS **IMPROVEMENTS**

**REVISIONS** 

DESCRIPTION

REV DATE

LINE IS 2 INCHES AT FULL SIZE DESIGNED: K.PARK DRAWN: K.PARK CHECKED: D.KELLOGG

CHECKED: APPROVED: K.PARK FILENAME

> BC PROJECT NUMBER 158218 CLIENT PROJECT NUMBER

> > 210662 STRUCTURAL

STANDARD DETAILS

DRAWING NUMBER S-00-012

SHEET NUMBER

