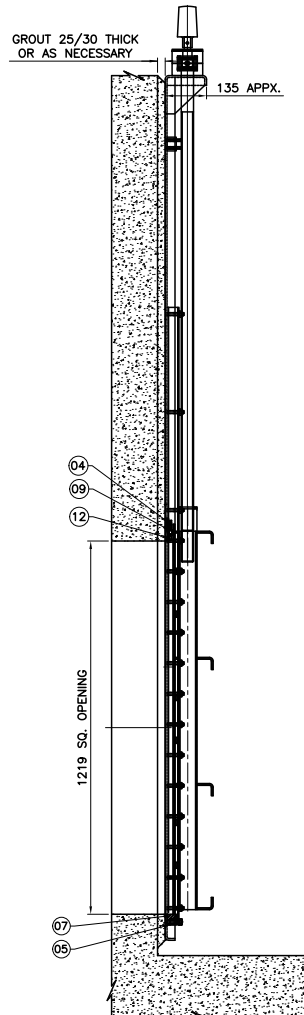
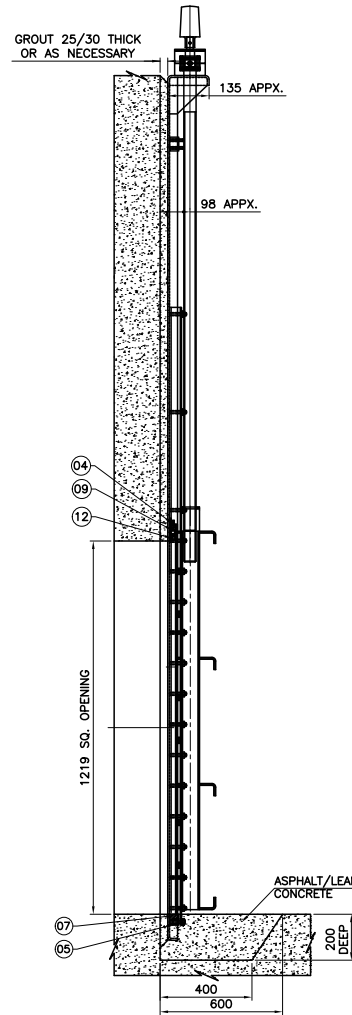


FRONT VIEW OF STAINLESS STEEL SLUICE GATE AFTER INSTALLATION



SIDE VIEW WITH CUT SECTION OF WALL FOR CONVENTIONAL BOTTOM CLOSURE GATE



SIDE VIEW WITH CUT SECTION OF WALL FOR FLUSH BOTTOM CLOSURE GATE

|     |                                |                                 |
|-----|--------------------------------|---------------------------------|
| 16  | UPPER PLATE                    | HDPE                            |
| 15  | LOWER PLATE                    | HDPE                            |
| 14  | END CAP FOR SPINDLE CONNECTION | ASTM A216 WCB                   |
| 13  | SIDE GUIDE                     |                                 |
| 12  | TOP SEAL SUPPORT               | HDPE                            |
| 11  | OVER TRAVEL STOP               |                                 |
| 10  | STEM                           | SS ASTM A276 TYPE 304           |
| 09  | TOP SEAL                       |                                 |
| 08  | SIDE SEAL                      | EPDM RUBBER                     |
| 07  | FLUSH BOTTOM RUBBER SEAL       |                                 |
| 06  | THRUST NUT                     | LEADED GUN METAL BS EN-1982 LG2 |
| 05  | BOTTOM SEAL RETAINER           |                                 |
| 04  | TOP SEAL RETAINER              |                                 |
| 03  | SIDE SEAL RETAINER             | SS ASTM A240 TYPE 304           |
| 02  | SHUTTER                        |                                 |
| 01  | FRAME                          |                                 |
| Sr. | DESCRIPTION                    | MATERIAL                        |

- NOTES :-  
 (1) ALLOWABLE DEVIATION FOR DIMENSIONS WITHOUT SPECIFIED TOLERANCES TO BE AS PER IS : 2768.  
 (2) ALL FASTENERS (NUTS, BOLTS & WASHERS) FOR GATE ASSEMBLY TO BE OF STAINLESS STEEL ASTM A276 TYPE 304.  
 (3) ALL STAINLESS STEEL FABRICATED PARTS TO BE BLAST CLEANED TO REMOVE SURFACE CONTAMINATION AND THEREAFTER PICKLED AND PASSIVATED

- (4) ADHESIVE CAPSULE/CHEMICAL CAPSULE & CHEMICAL ANCHOR FASTENERS TO BE ARRANGED BY CLIENT  
 (5) APPROX. OUTER DIMENSIONS OF GATE ASSLY IS 1439 x 2824 x 135mm  
 (6) REFER DRG. NO. JE/SG/GEN/1491-R1 FOR SECTIONAL DETAILS.

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|      |          |                             |          |
|------|----------|-----------------------------|----------|
| REV  | DATE     | DESCRIPTION                 | APPROVAL |
| (R2) | 25.10.19 | DIM. 226.5 & 86 ADDED.      | SA       |
| (R1) | 28.11.17 | THRUST NUT MATERIAL CHANGED | SA       |

|                      |                       |
|----------------------|-----------------------|
| DRAWN BY:<br>Basant  | PROJECT:<br>-----     |
| CHECKED BY:<br>D.K.  | CLIENT NAME:<br>----- |
| APPROVED BY:<br>D.K. | LOCATION:<br>-----    |

GENERAL TOLERANCES:  
 MACHINING: ±0.2mm  
 DIMS: <1000mm ±1.5mm  
 DIMS: >1000mm ±2.0mm

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TITLE:  
 DETAILS OF STAINLESS STEEL FACE WALL MOUNTING, UPWARD OPENING, SELF CONTAINED, NON-RISING SPINDLE, RESILIENT SEATED, SLUICE GATE SUITABLE FOR 6M SEATING AND 3M UNSEATING WATER HEAD. GATE SIZE 1219 SQ.

MATERIAL: SEE MATERIAL NOTES

DRAWING NUMBER:  
 JE/SG/GAC/FBF/10833

REV NUMBER: R2

SHEET NUMBER 1 OF 1