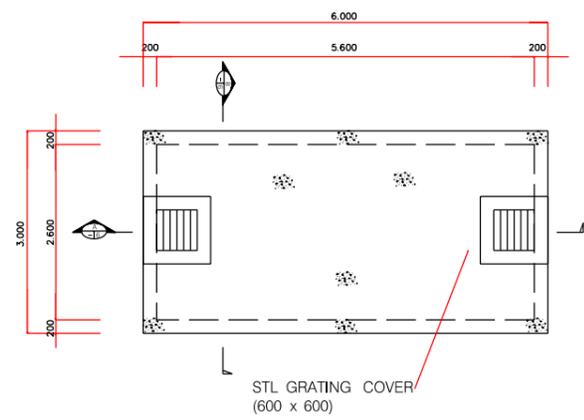
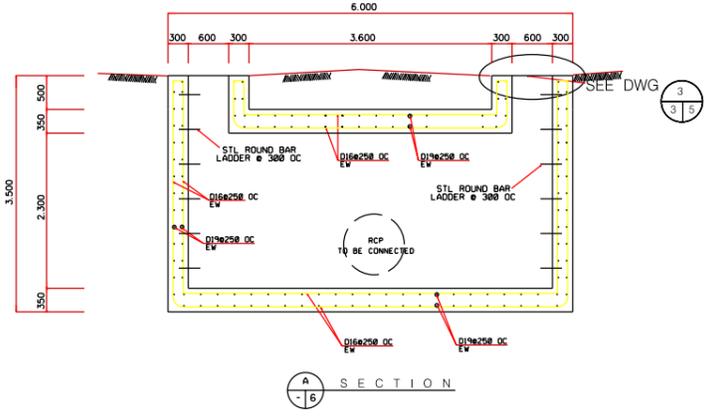


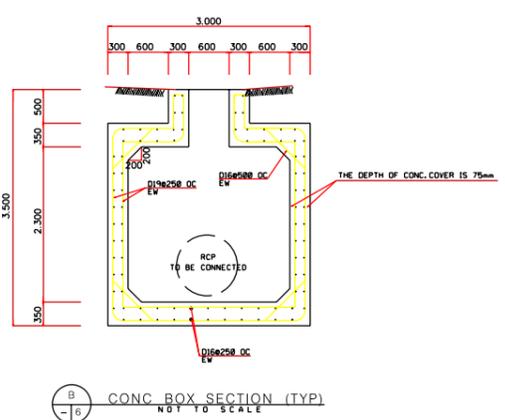
A B C D E F G H



PLAN

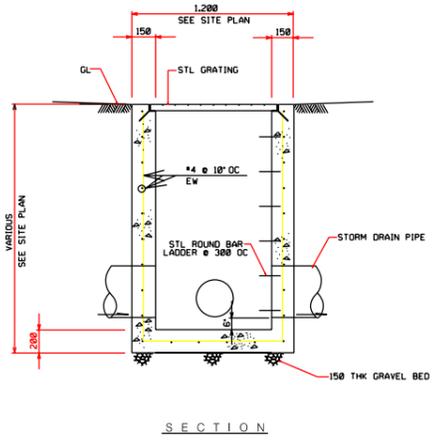


SECTION A-A

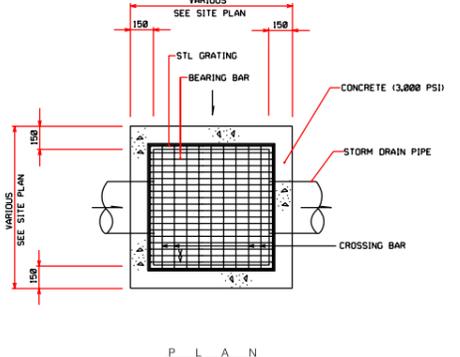


SECTION B-B

1 STORM DRAIN MANHOLE  
NOT TO SCALE

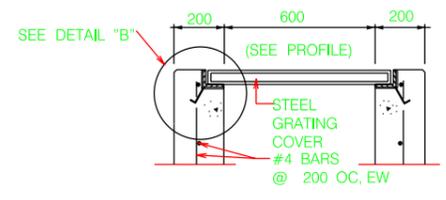


SECTION

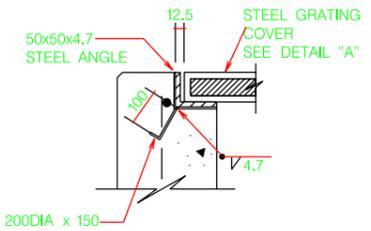


PLAN

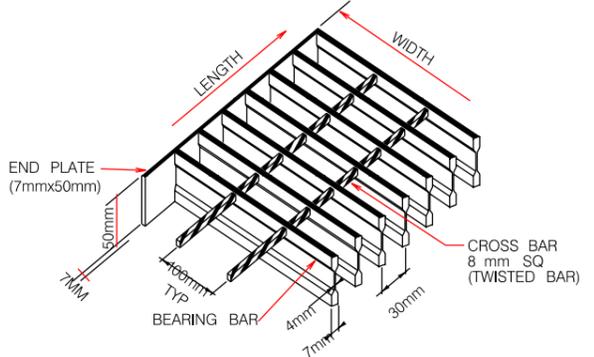
2 SURFACE INLET DETAIL  
NOT TO SCALE



DETAIL "A"



DETAIL "B"



STEEL GRATING

3 STEEL GRATING DETAIL  
NOT TO SCALE

NOTES :

1. CONCRETE COMPRESSIVE STRENGTH  $f_c$  @ 28 DAYS SHALL BE 240 KG/CM<sup>2</sup> TO KSD 3504
2. ALL REINFORCING STEEL SHALL CONFORM TO KSD 3504
3. REINFORCING STEEL BARS (MIN LAP = 30D) STAGGER SPLICES
4. LOCATION OF BAR SPLICE TO BE DETERMINED BY AVAILABLE BAR LENGTH.

| SYMBOL  | ZONE                 | DESCRIPTION  | DATE        | BY      | CHK. | APVD. |
|---|----------------------|--|-------------|---------|------|-------|
| REVISIONS   |                      |  |             |         |      |       |
| DEPARTMENT OF THE ARMY<br>US ARMY INSTALLATION MANAGEMENT COMMAND<br>HEADQUARTERS, UNITED STATES ARMY GARRISON HUMPHREYS<br>UNIT 15228, APO AP 96271-5228 |                      |  |             |         |      |       |
| REVIEWED BY   | DESIGNED BY          | REPLACE THE STORM DRAINAGE<br>AT 3RD MI AREA<br>USAG HUMPHREYS<br>CIVIL<br>MISC DETAIL |             |         |      |       |
| BLDGS & GROUNDS   | CHECKED BY           |  |             |         |      |       |
| UTILITIES   | SUBMITTED BY         |  |             |         |      |       |
| FIRE PREV & PROT.   | APPROVED BY          |  |             |         |      |       |
| INSPECTION  | CHIEF ENGR. DIV. DPW | PROJECT NO.  | DRAWING NO. | REF NO. |      |       |
| FORCE PROTECTION  | DATE                 | VA-00304-0J  |             |         |      |       |
|   | USING AGENCY         | SCALE :  | SHEET       | OF      | C-5  |       |
|   |                      | AS SHOWN   |             |         |      |       |