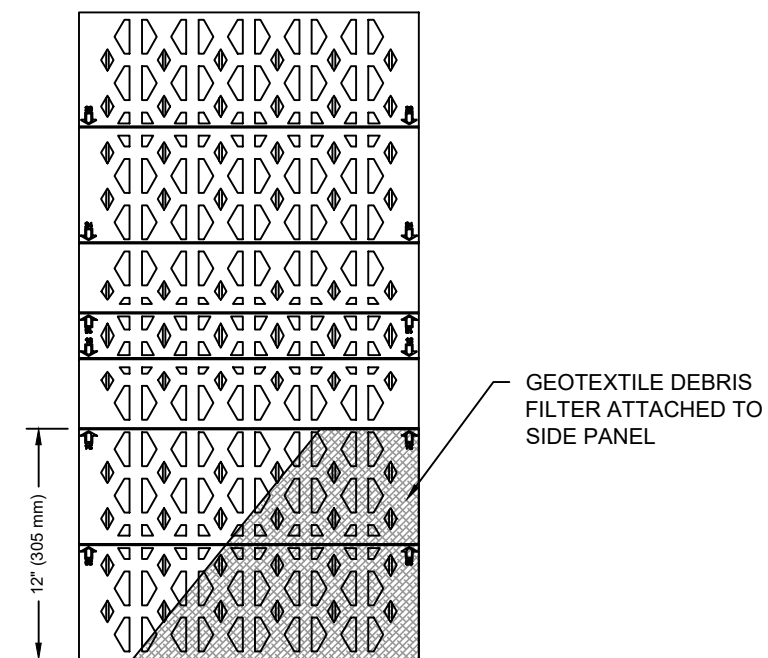


CROSS-SECTION



SIDE PANEL DETAIL

NOTES:

- a. REFERENCE CURRENT INSTALLATION INSTRUCTIONS FOR PROPER INSTALLATION PRACTICES.
- b. DEBRIS ROW CONFIGURATIONS AND PORT LOCATIONS ON SHEET 2 OF 2.
- c. CONCRETE COLLAR REQUIRED AROUND ACCESS BOXES TO MEET HS-20 AND HS-25 LOAD RATING (DESIGN BY ENGINEER OF RECORD).

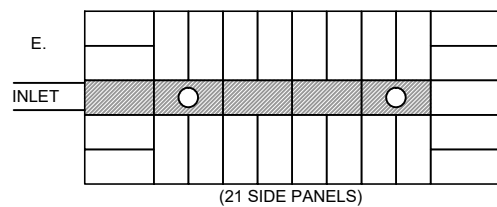
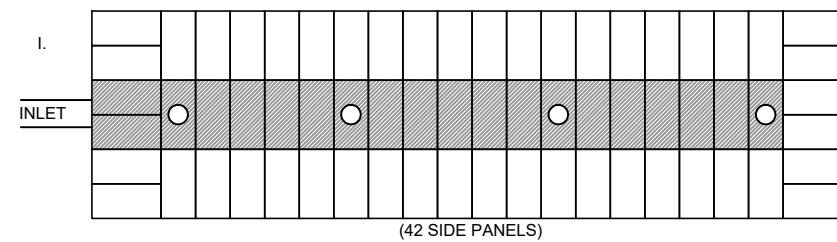
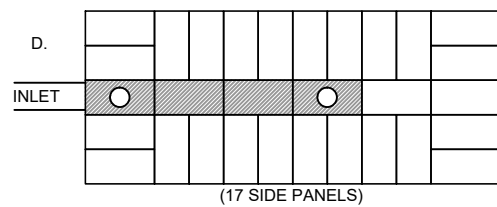
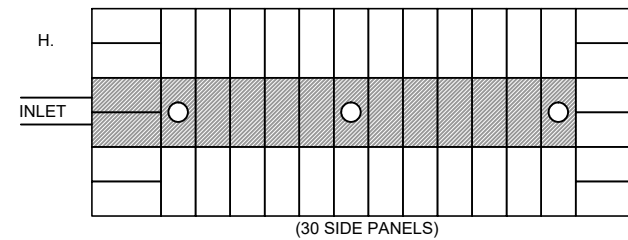
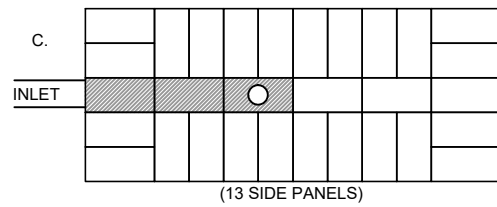
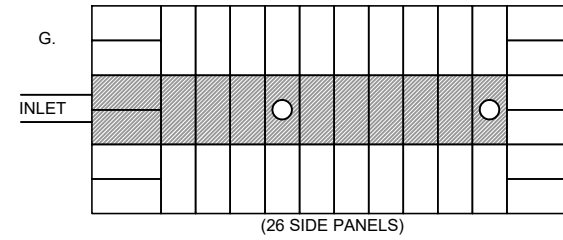
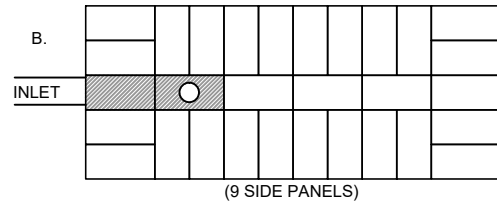
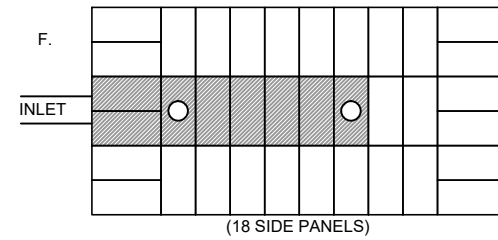
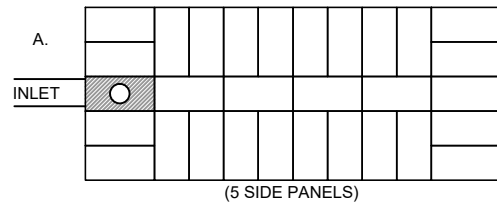
| REV. | DATE | RECORD OF CHANGES | BY | APPRV. |
|------|----------|-----------------------------|-----|--------|
| C | 11/10/14 | GEOTEXTILE FILTER NOTE EDIT | CGB | |
| B | 9/12/13 | UPDATED DRAWING FORMAT | JKB | JKB |
| A | 9/10/12 | INITIAL RELEASE | JKB | FK |

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| | |
|--|-----------------|
| Project Name DEBRIS ROW SECTION DETAIL | |
| Title STORMTANK MODULE | |
| Drawn By J.BAILEY | Date 9/10/12 |
| Drawing No. STM-005-00 | Sheet 1 of 2 |
| Scale NTS | |



DEBRIS ROW LAYOUTS

CONCEPTUAL USE:

DEBRIS ROW MINIMUM DESIGN REQUIREMENTS ARE BASED ON THE INFLUENT PIPE CROSS SECTIONAL AREA. SEE TABLES FOR THE MINIMUM REQUIRED DEBRIS ROW INTERNAL SIDE PANEL INTERFACES TO MEET PROPER HYDRAULIC PERFORMANCE AS CONFIGURATIONS MAY VARY.

ST-36 and ST-30 STORMTANK SYSTEM

| INFLUENT PIPE DIA. | | FIGURE | REQ'D NUMBER OF SIDE PANELS | REQ'D NUMBER OF SUCTION PORTS |
|--------------------|--------|--------|-----------------------------|-------------------------------|
| IMPERIAL | METRIC | | QTY | QTY |
| 4" | 102 mm | A | 5 | 1 |
| 6" | 152 mm | A | 5 | 1 |
| 8" | 203 mm | A | 5 | 1 |
| 10" | 254 mm | B | 9 | 1 |
| 12" | 305 mm | B | 9 | 1 |
| 14" | 356 mm | C | 13 | 1 |
| 18" | 457mm | F | 18 | 2 |
| 24" | 610 mm | G | 26 | 2 |
| 30** | 762 mm | I | 42 | 4 |

* 30" (762 mm) INFLUENT PIPE ONLY APPLICABLE TO ST-36 MODULE

ST-24 STORMTANK SYSTEM

| INFLUENT PIPE DIA. | | FIGURE | REQ'D NUMBER OF SIDE PANELS | REQ'D NUMBER OF SUCTION PORTS |
|--------------------|--------|--------|-----------------------------|-------------------------------|
| IMPERIAL | METRIC | | QTY | QTY |
| 4" | 102 mm | A | 5 | 1 |
| 6" | 152 mm | A | 5 | 1 |
| 8" | 203 mm | B | 9 | 1 |
| 10" | 254 mm | C | 13 | 1 |
| 12" | 305 mm | D | 17 | 2 |
| 14" | 356 mm | E | 21 | 2 |
| 18" | 457mm | H | 30 | 3 |

ST-18 STORMTANK SYSTEM

| INFLUENT PIPE DIA. | | FIGURE | REQ'D NUMBER OF SIDE PANELS | REQ'D NUMBER OF SUCTION PORTS |
|--------------------|--------|--------|-----------------------------|-------------------------------|
| IMPERIAL | METRIC | | QTY | QTY |
| 4" | 102 mm | B | 9 | 1 |
| 6" | 152 mm | B | 9 | 1 |
| 8" | 203 mm | B | 9 | 1 |
| 10" | 254 mm | C | 13 | 1 |
| 12" | 305 mm | C | 13 | 1 |

| REV. | DATE | RECORD OF CHANGES | BY | APPRV. |
|------|----------|-----------------------------|-----|--------|
| C | 11/10/14 | GEOTEXTILE FILTER NOTE EDIT | CGB | |
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Project Name
DEBRIS ROW LAYOUT DETAIL

Title
STORMTANK
MODULE

| | |
|---------------------------|-----------------|
| Drawn By J.BAILEY | Date 9/10/12 |
| Drawing No. STM-005-00 | Sheet 2 of 2 |
| | Scale NTS |