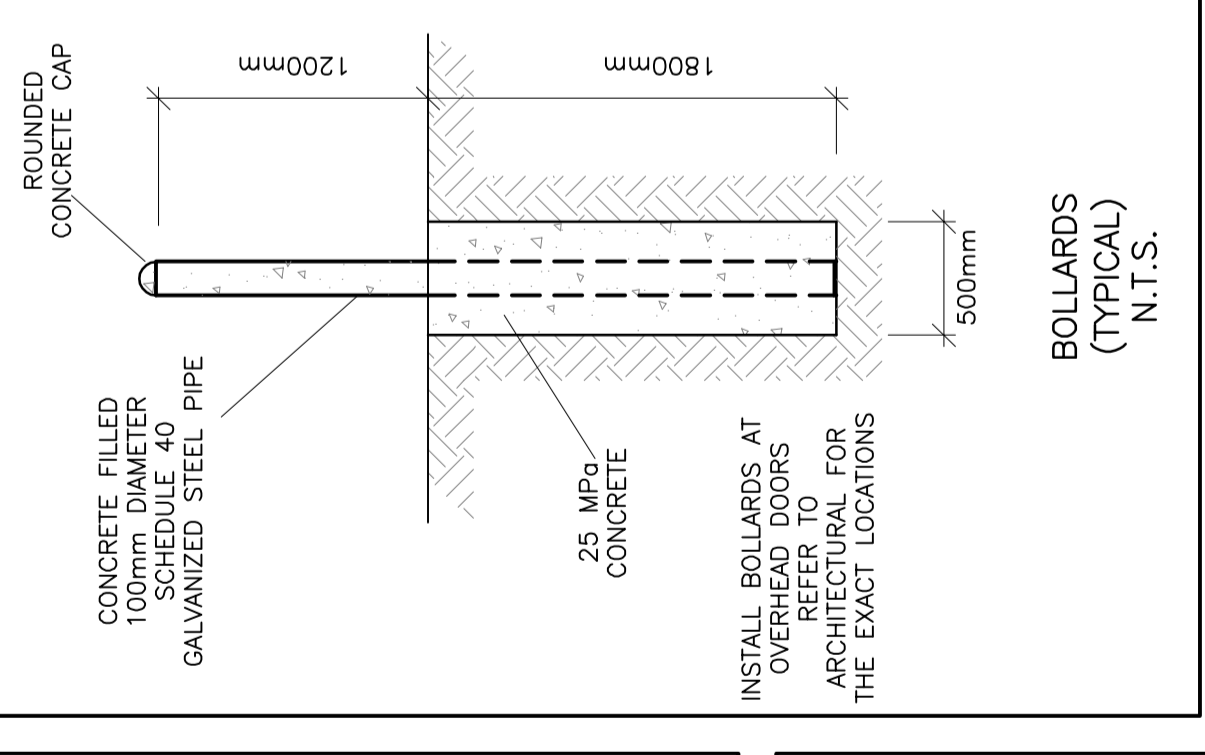
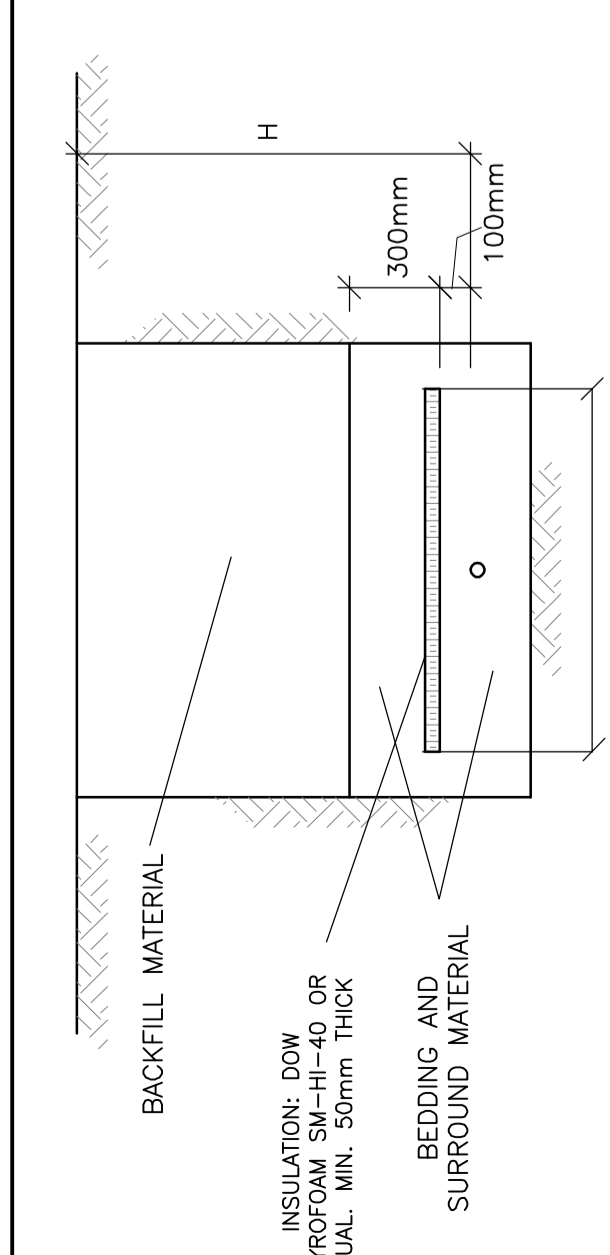
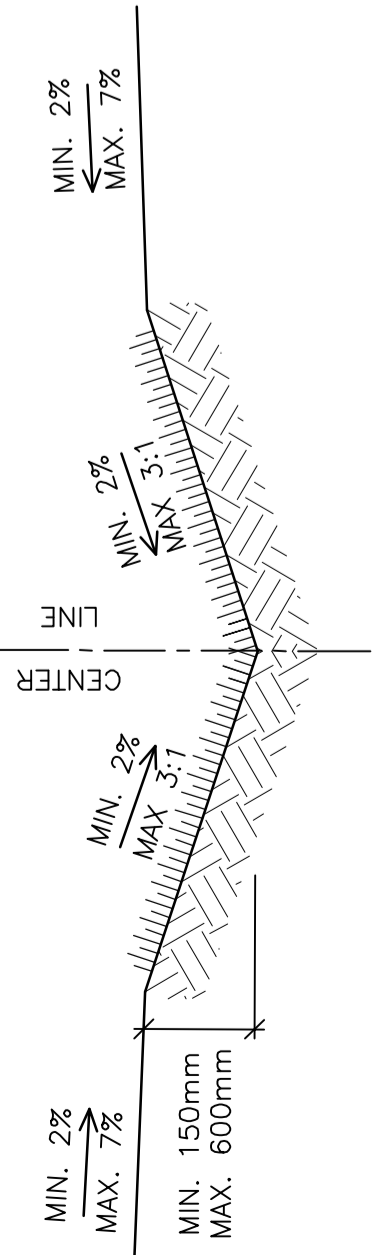


**OWNER:  
STOKED INDUSTRIES INC  
14 KNOLL TERRACE,  
NEPEAN ON  
K2J 2K6**



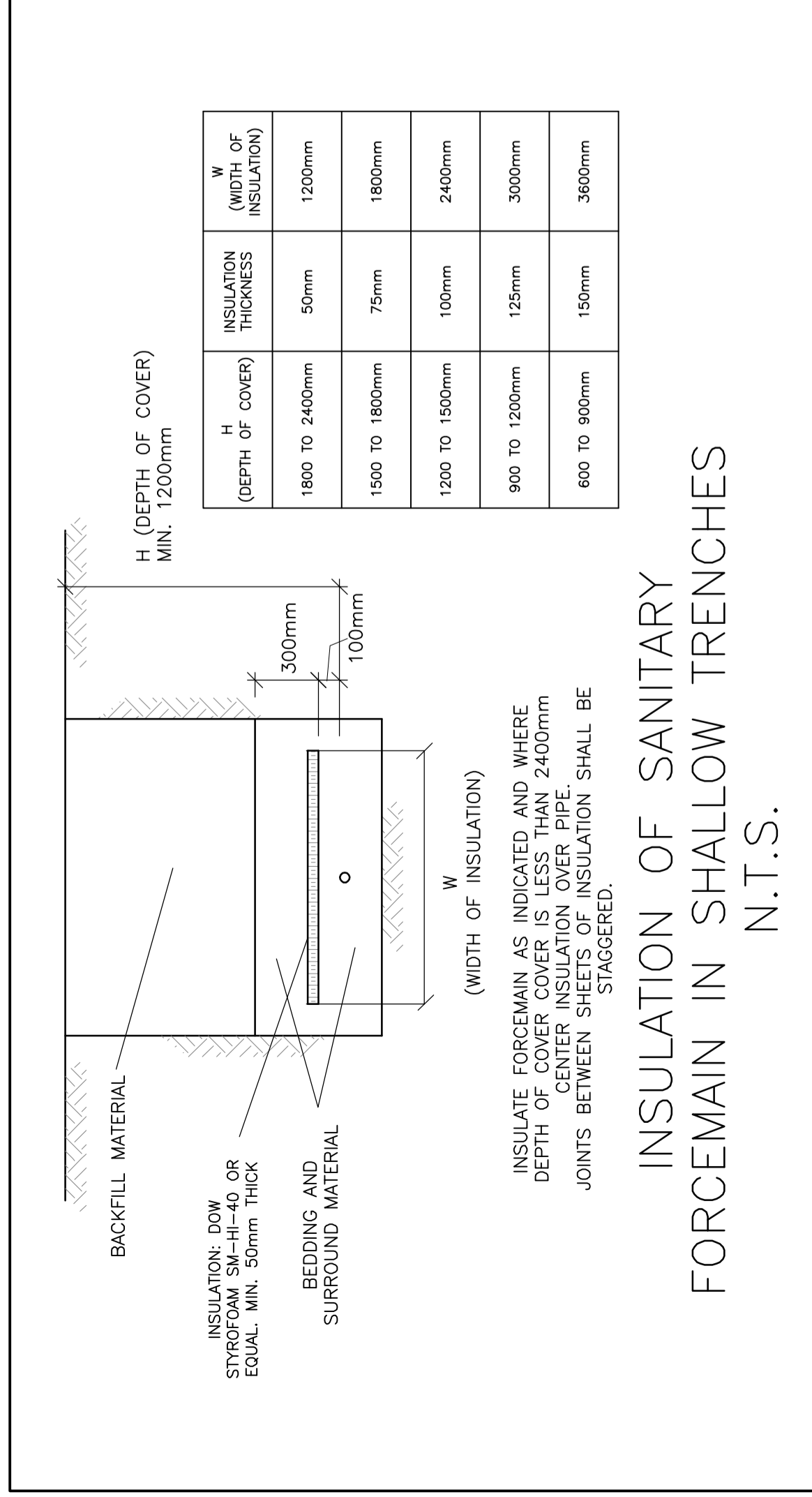
**SECTION SWALE  
N.T.S.**



INSULATE SEWER AS INDICATED AND WHERE DEPTH OF COVER IS LESS THAN 2400mm. CENTER INSULATION OVER PIPE. JOINTS BETWEEN SHEETS OF INSULATION SHALL BE STAGGERED.

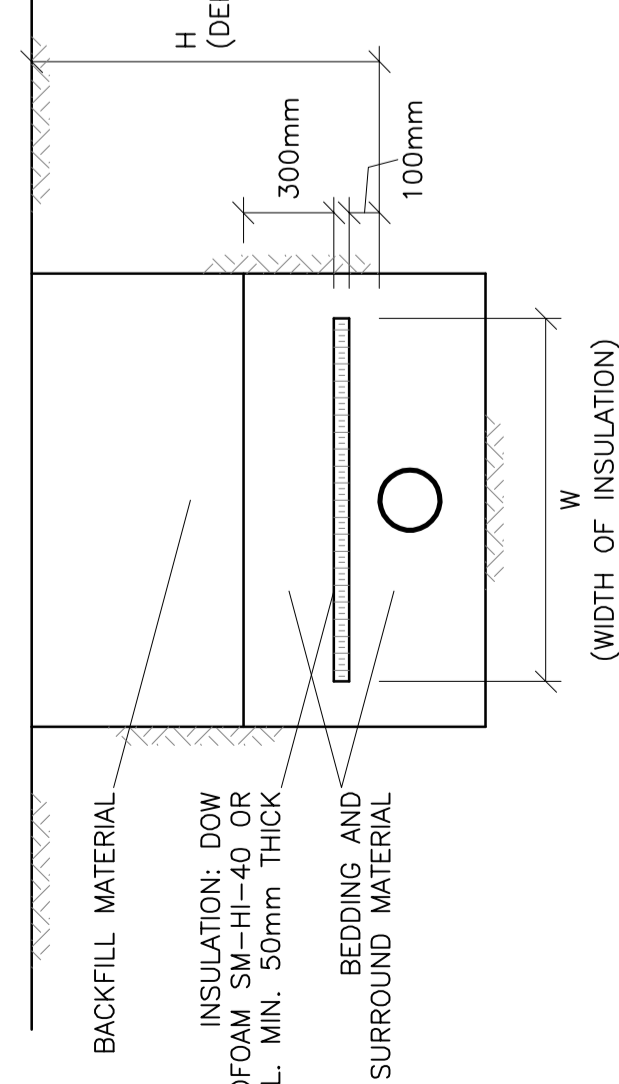
| H (DEPTH OF COVER) | INSULATION THICKNESS | W (WIDTH OF INSULATION) |
|--------------------|----------------------|-------------------------|
| 1800 TO 2400mm     | 50mm                 | 1200mm                  |
| 1500 TO 1800mm     | 75mm                 | 1800mm                  |
| 1200 TO 1500mm     | 100mm                | 2400mm                  |

**INSULATION OF WELL WATER LINE SHALLOW TRENCHES  
N.T.S.**



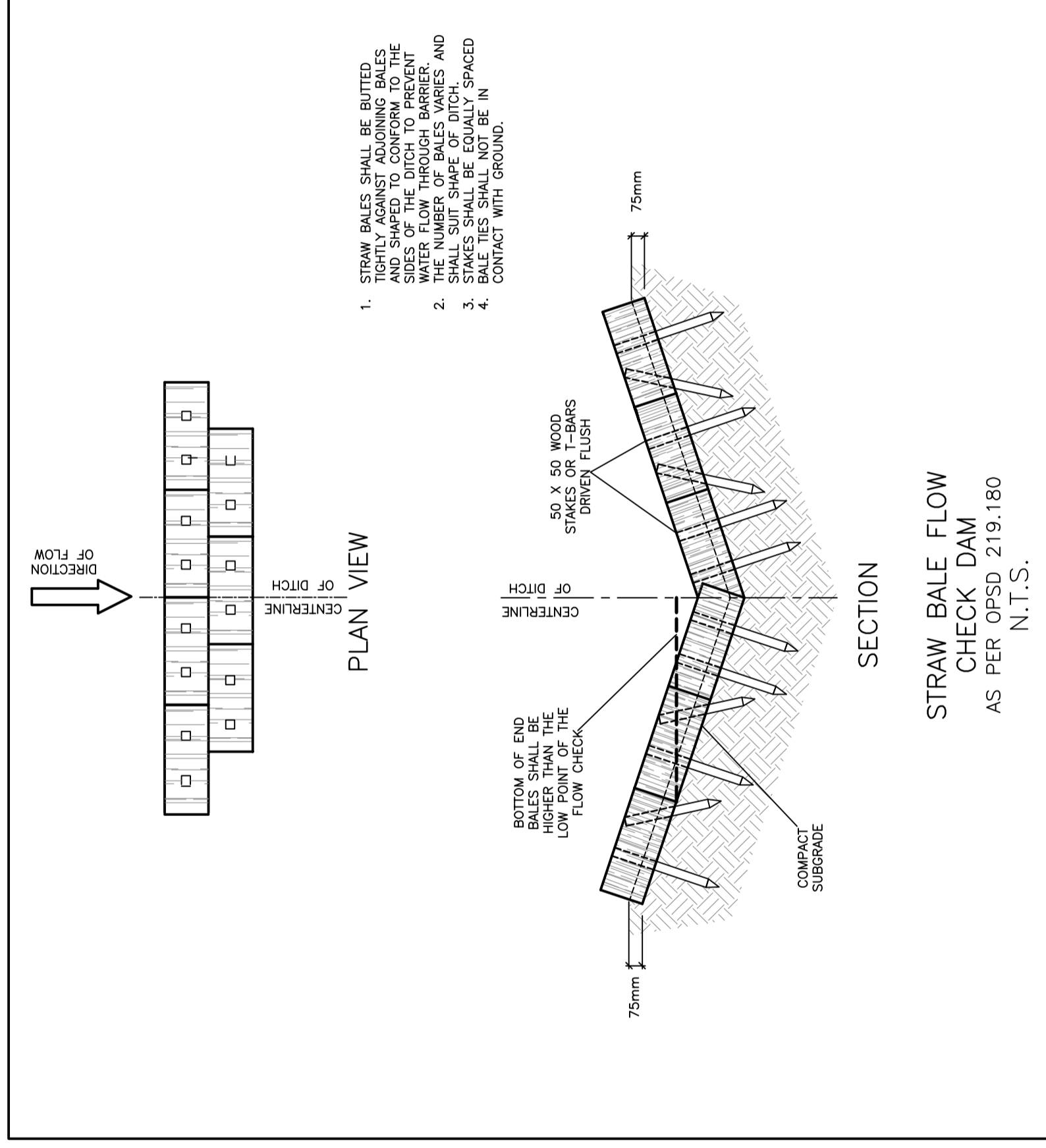
INSULATE FORCEMAIN AS INDICATED AND WHERE DEPTH OF COVER IS LESS THAN 2400mm. CENTER INSULATION OVER PIPE. JOINTS BETWEEN SHEETS OF INSULATION SHALL BE STAGGERED.

**INSULATION OF SANITARY FORCEMAIN IN SHALLOW TRENCHES  
N.T.S.**

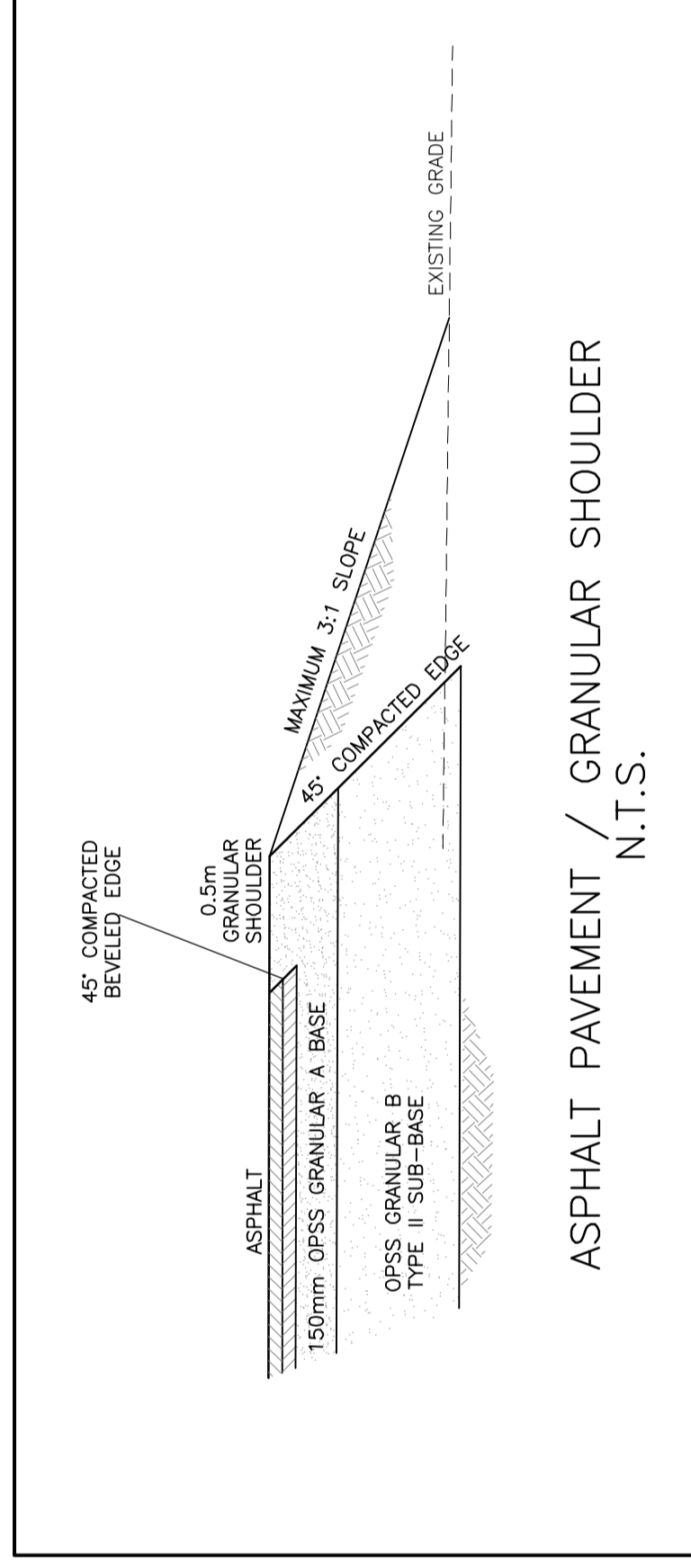


INSULATE SEWER AS INDICATED AND WHERE DEPTH OF COVER IS LESS THAN 2400mm. CENTER INSULATION OVER PIPE. JOINTS BETWEEN SHEETS OF INSULATION SHALL BE STAGGERED.

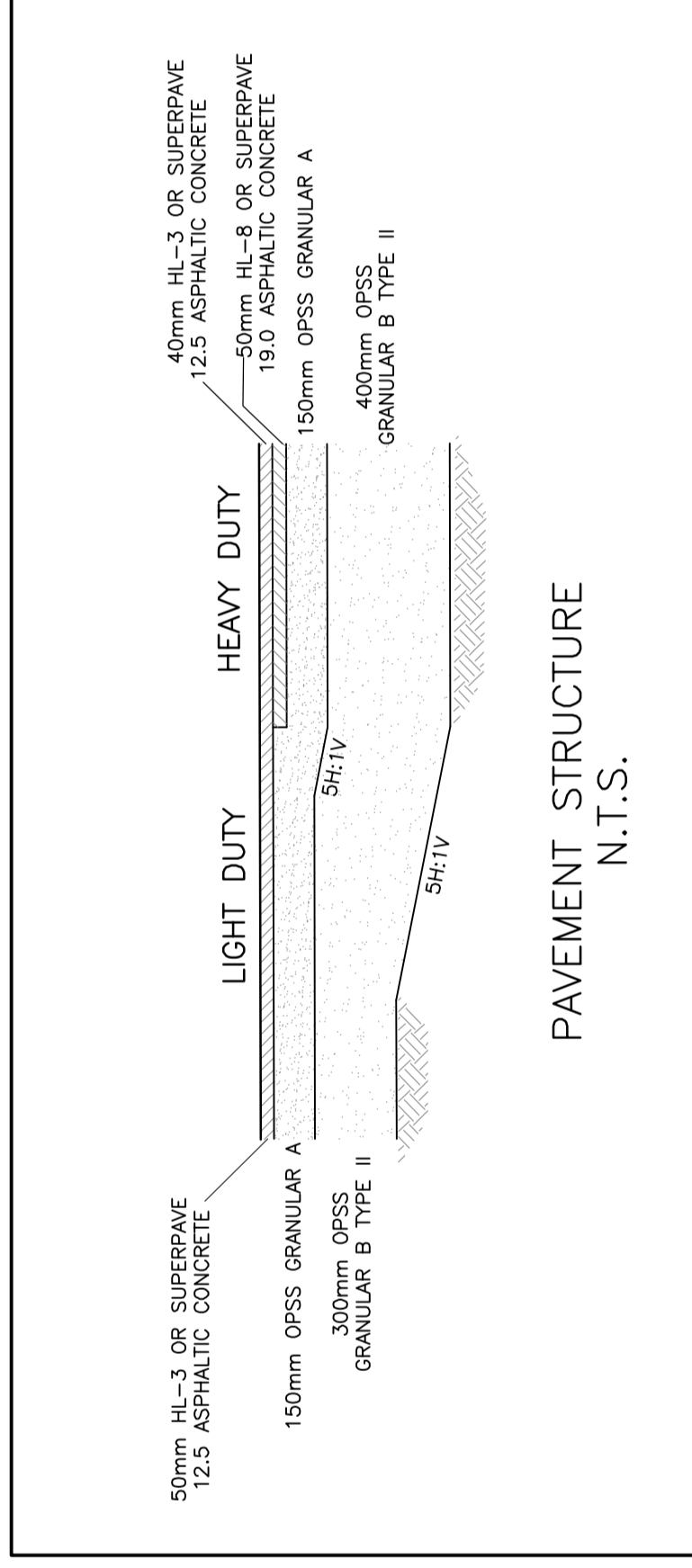
**INSULATION OF SEWERS IN SHALLOW TRENCHES  
N.T.S.**



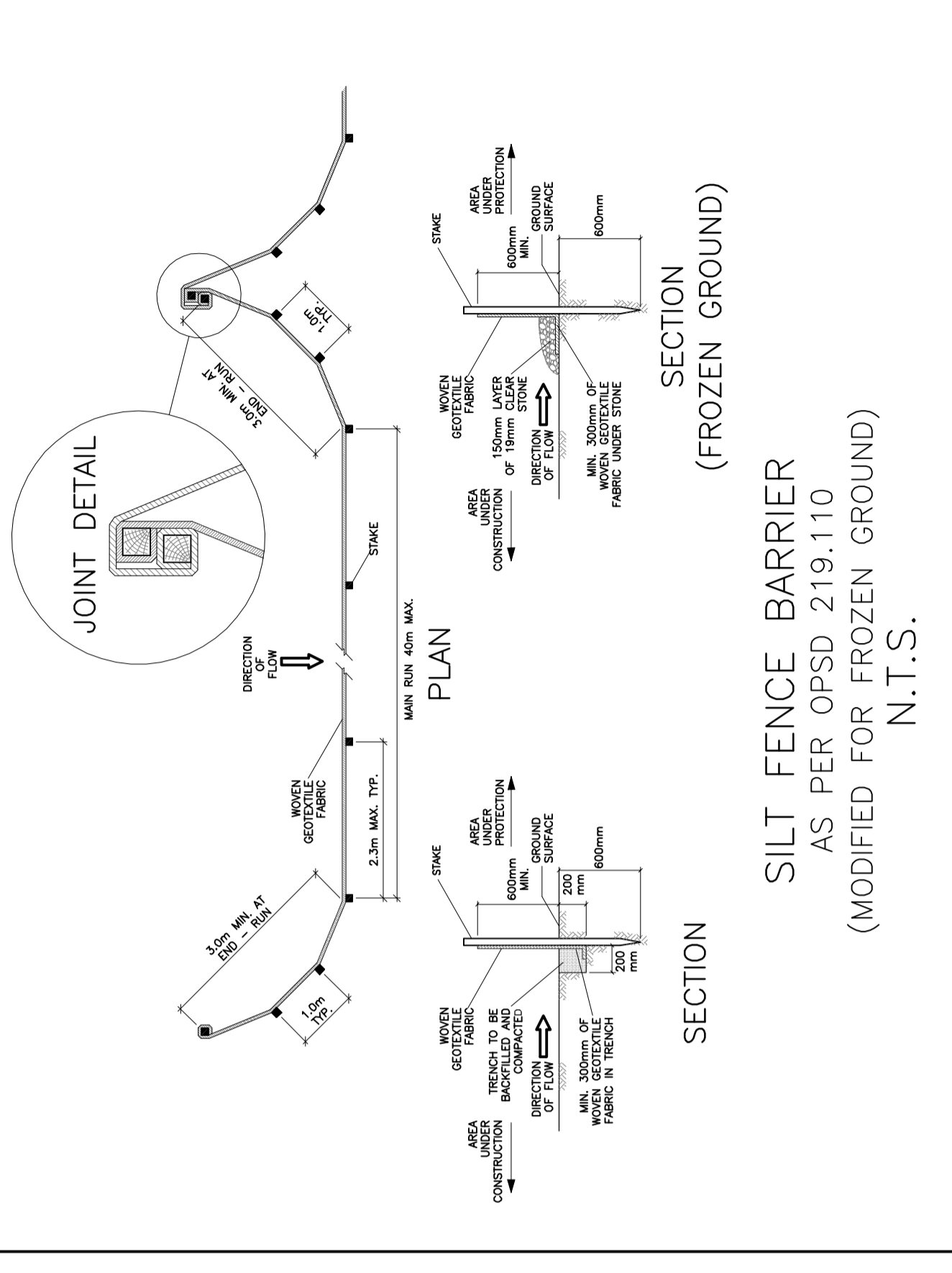
**STRAW BALE FLOW CHECK DAM  
AS PER OPSD 219.180  
N.T.S.**



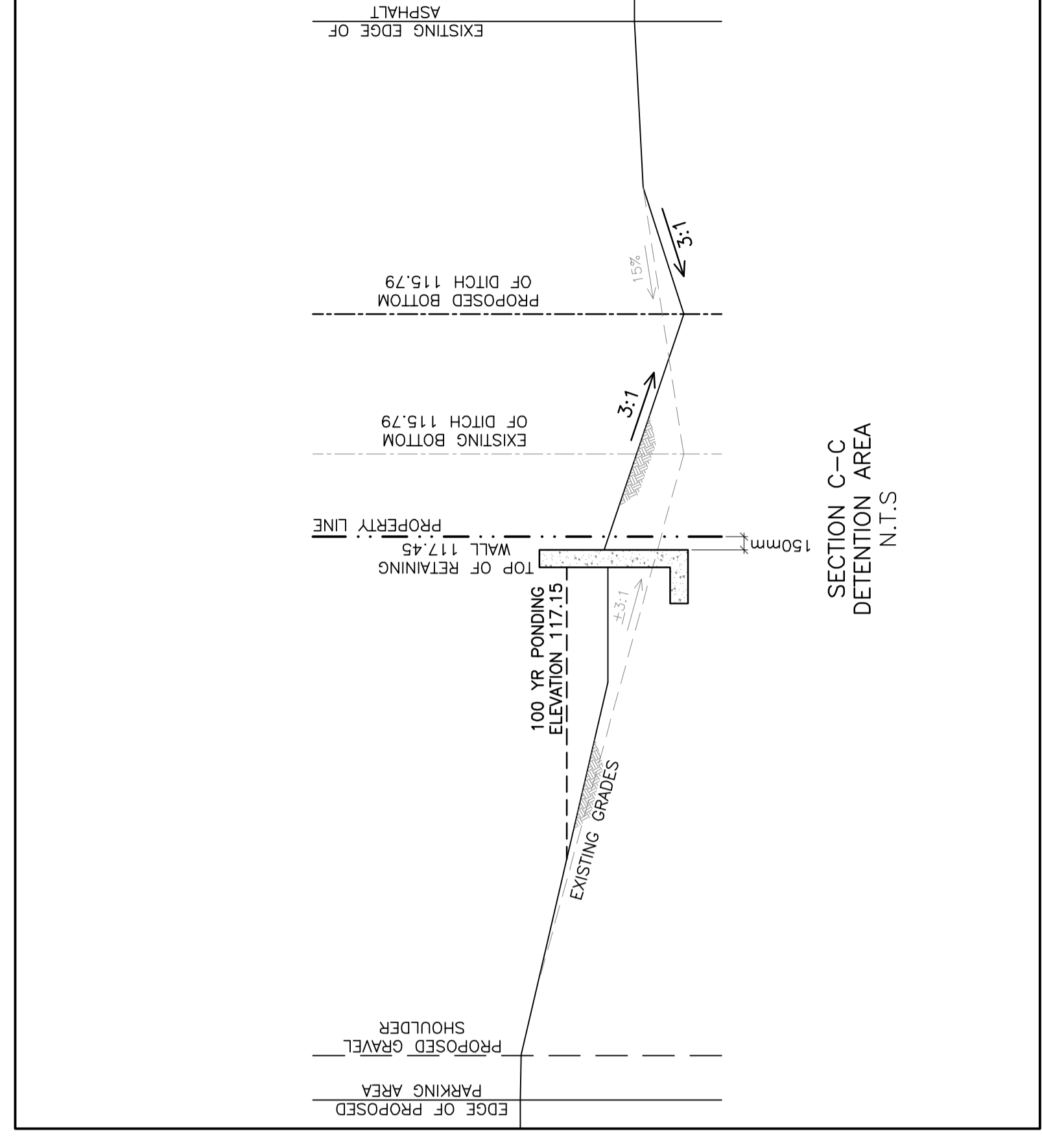
**ASPHALT PAVEMENT / GRANULAR SHOULDER  
N.T.S.**



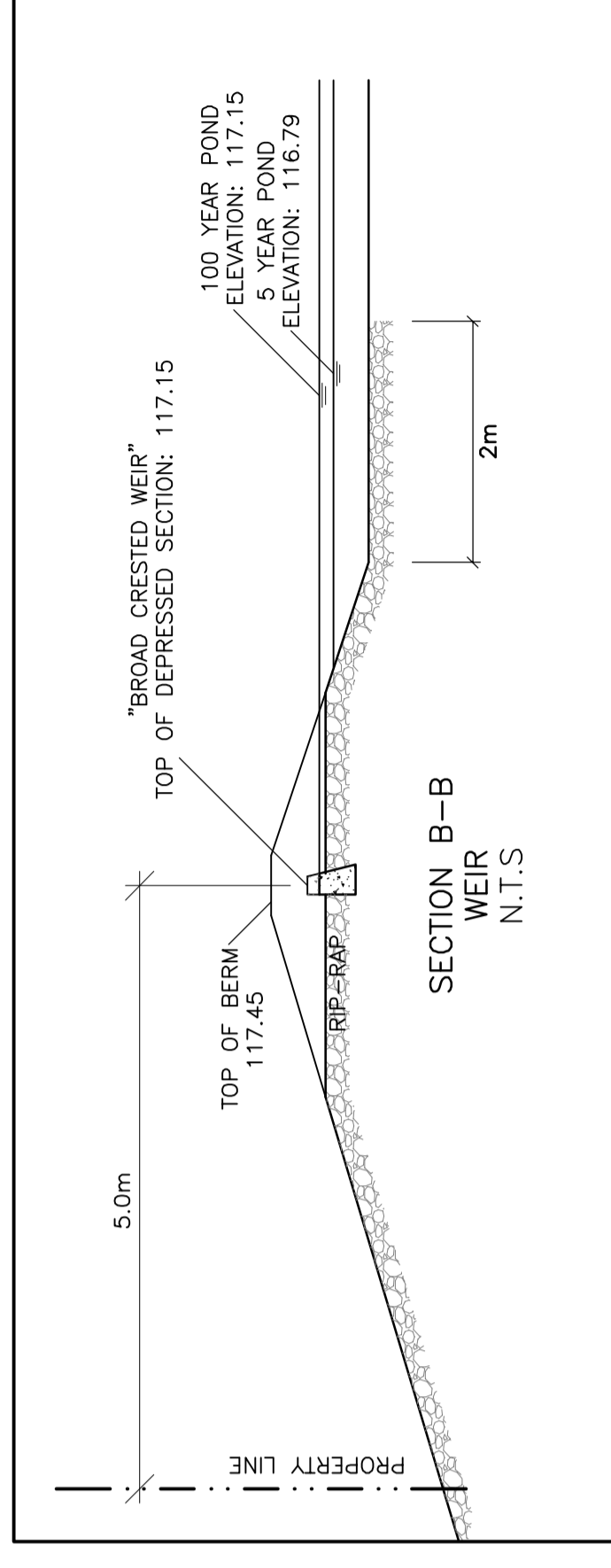
**PAVEMENT STRUCTURE  
N.T.S.**



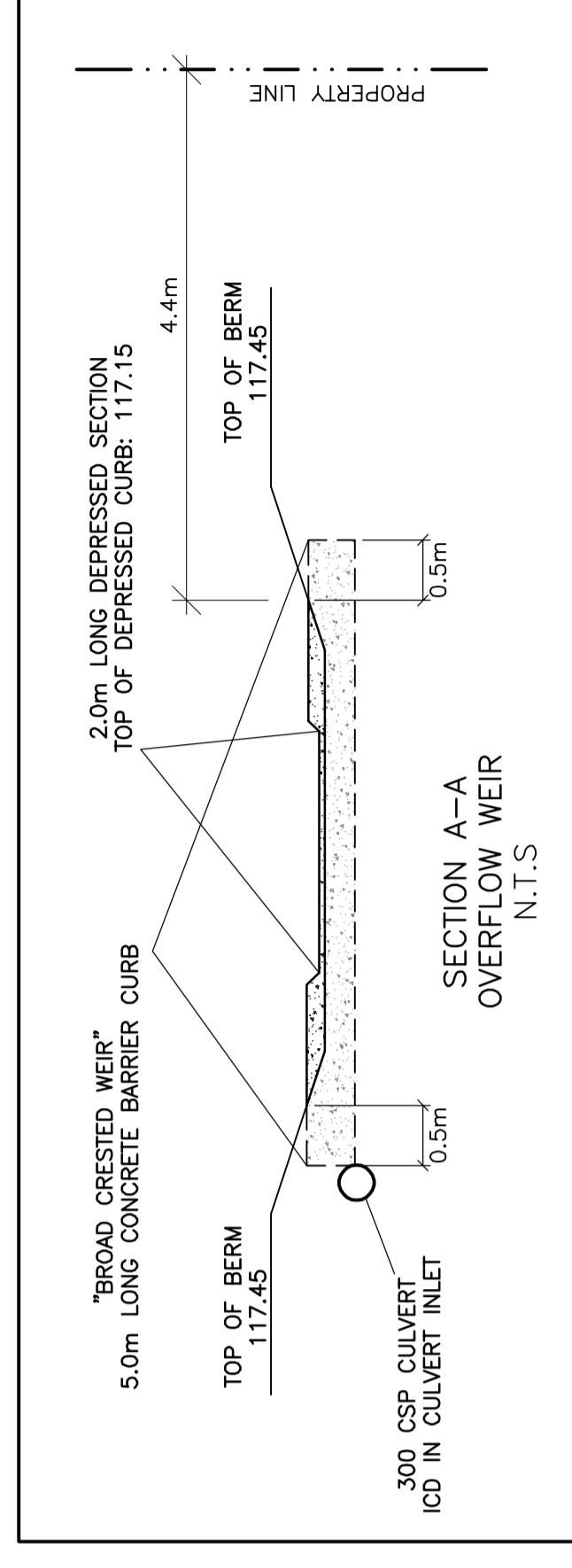
**SILT FENCE BARRIER  
AS PER OPSD 219.110  
(MODIFIED FOR FROZEN GROUND)  
N.T.S.**



**SECTION C-C  
DETENTION AREA  
N.T.S.**

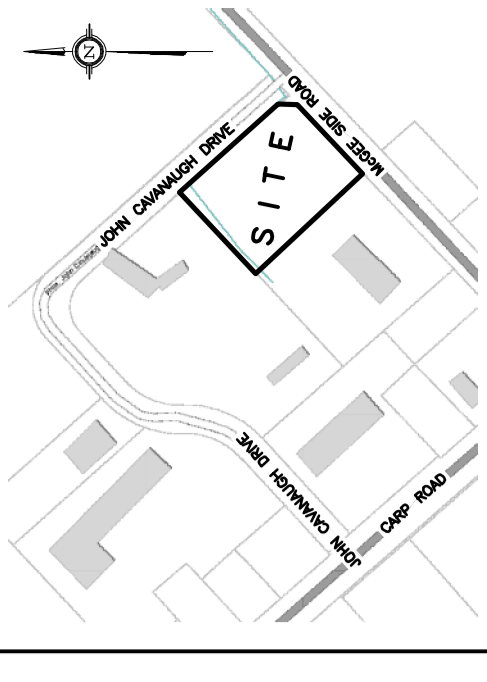


**SECTION B-B  
WEIR  
N.T.S.**



**SECTION A-A  
OVERFLOW WEIR  
N.T.S.**

**KEY PLAN**



| No. | DATE      | REVISION                 |
|-----|-----------|--------------------------|
| 8   | DEC 21-23 | RE-ISSUED FOR APPROVAL   |
| 7   | AUG 10-23 | RE-ISSUED FOR APPROVAL   |
| 6   | JUN 29-23 | RE-ISSUED FOR APPROVAL   |
| 5   | JUN 23-23 | ISSUED FOR COORDINATION  |
| 4   | APR 19-23 | ISSUED FOR CLIENT REVIEW |
| 3   | JUL 26-21 | RE-ISSUED FOR APPROVAL   |
| 2   | JUN 14-21 | RE-ISSUED FOR APPROVAL   |
| 1   | MAR 12-21 | ISSUED FOR APPROVAL      |

**D. B. GRAY ENGINEERING INC.**  
 700 Long Point Circle  
 Ottawa, Ontario  
 4gray@dbgrayengineering.com  
 613-425-8044

**OFFICE & WAREHOUSE  
2167 MCGEE SIDE ROAD  
OTTAWA, ONTARIO**

**DETAILS**

Engineer's Seal  
 License Professional Engineer  
 P. E. GRAY  
 17016502  
 O.C.E. 21-23  
 O.C.E. 21-23  
 Drawing No. **C-5**  
 of **7**  
 NOT VALID UNLESS SIGNED & DATED