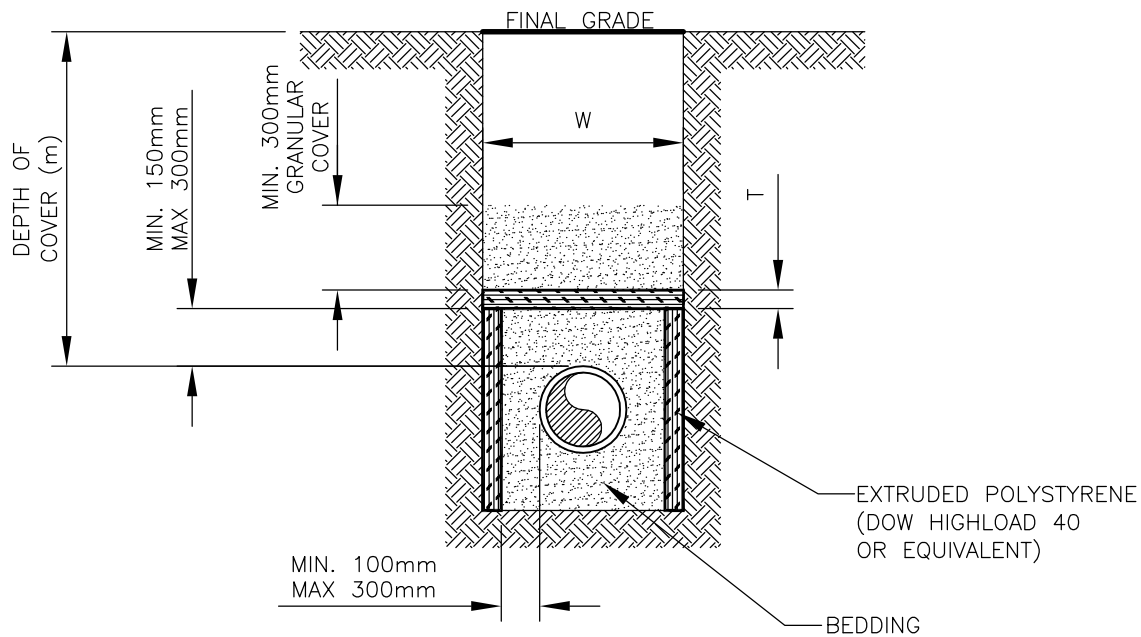


**INSULATION DETAIL FOR STANDARD TRENCH EXCAVATION**



**INSULATION DETAIL FOR NARROW TRENCH EXCAVATION**

USE IF EXCAVATION WIDTH IS EQUAL TO W

**NOTE:**

1. SEE CITY OF MEDICINE HAT CONSTRUCTION SPECIFICATION SECTION 7 FOR TRENCH WIDTHS, BACKFILL MATERIALS AND COMPACTION SPECS FOR EACH CLASS.
2. SEE EU-109 FOR PIPE BEDDING AND BACKFILLING DETAILS
3. ALL JOINTS MUST BE TAPED
4. MINIMUM SPACING BETWEEN PIPE AND INSULATION MUST BE MAINTAINED
5. INSULATION PLANS FOR PIPE LARGER THEN 600mm DIA. WILL NEED TO BE APPROVED BY ENGINEER

| DEPTH OF COVER (m) | MINIMUM INSULATION THICKNESS T (mm) |
|--------------------|-------------------------------------|
| 1.5-1.7            | 100                                 |
| 1.7-1.9            | 100                                 |
| 1.9-2.1            | 100                                 |
| 2.1-2.3            | 50                                  |
| 2.3-2.5            | 50                                  |

|     |               |                      |    |           |          |
|-----|---------------|----------------------|----|-----------|----------|
|     |               |                      |    | DATE:     | 15/06/11 |
|     |               |                      |    | SCALE:    | N.T.S.   |
|     |               |                      |    | DRAWN:    | CRB      |
|     |               |                      |    | APPROVED: | SP       |
| No. | YY MM DD DATE | REVISION DESCRIPTION | BY | APP'D     |          |



**Medicine Hat**  
The Gas City

Environmental Utilities

**WATER/SEWER  
MAINS & SERVICES  
INSULATION REQUIREMENTS**

DWG. No. **EU-221**