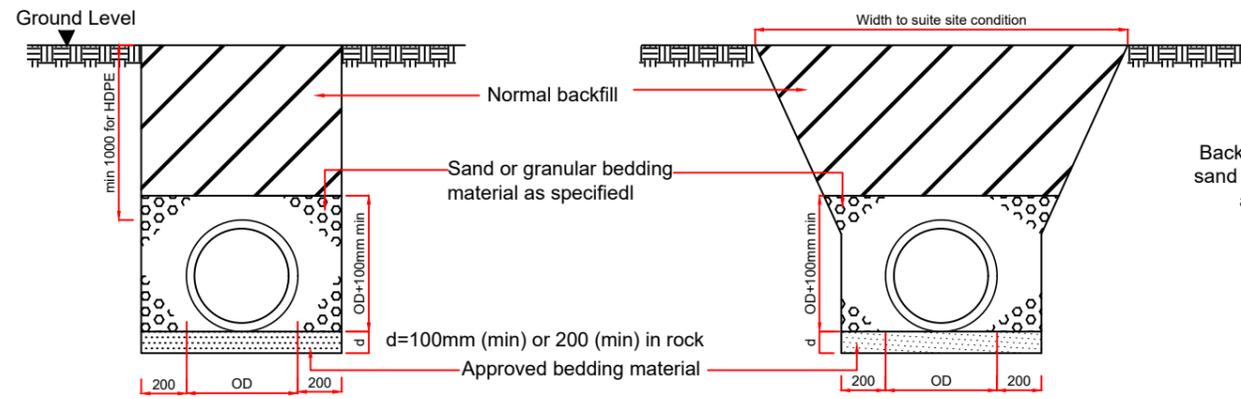
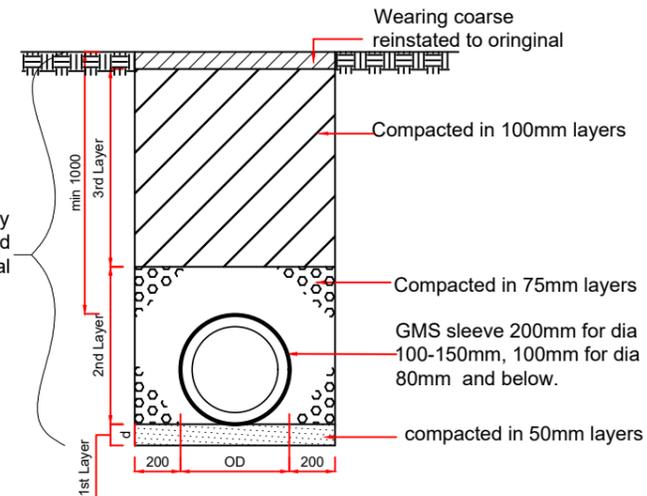


NOTES

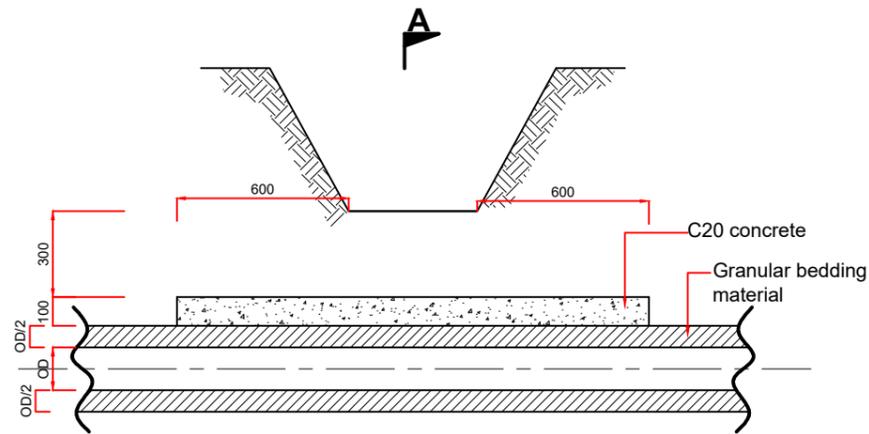
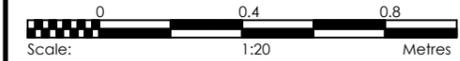


STABLE GROUND GONDITIONS

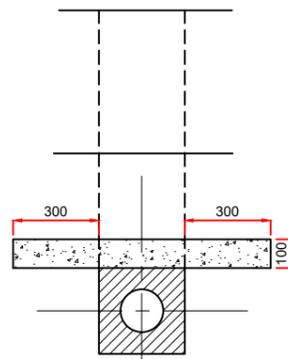
UNSTABLE GROUND GONDITIONS



DETAIL UNDER MURRAM ROAD CROSSING



DITCH CROSSING



SECTION A-A

| Trench width for HDPE pipe | | | | | |
|----------------------------|-----|-----|-----|-----|-----|
| OD(mm) | 50 | 63 | 75 | 110 | 160 |
| Trench Width B (m) | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 |

B=D+0.6m (limited to a minimum of 0.6m)

| Compaction Chart | | | |
|------------------|-----------|-------------------------|--------------|
| %Mp | Soil Type | Compaction method | |
| | | Thickness of Layer (mm) | No of passes |
| 90 | A and B | 300 | 1 |
| | C | 300 | 2 |
| | D | 150 | 2 |

| Material Description Chart | | |
|----------------------------|---|--------------|
| Soil Type | Description | Group Symbol |
| A | Angular, crushed rock Negligible Fines | - |
| B | Well graded gravel-sand mixture Few Fines | GW |
| C | Fine gravel No Fines | GP |
| D | Gravel-Sand Mix Upto 50% Fines | GF |

***Note:**

1. OD - Outside pipe diameter
2. Minimum trench width for uPVC - OD+300mm (to minimum width of 600mm)
3. Minimum trench width for Ductile iron pipe - OD+600mm.

CLEINT;



THE REPUBLIC OF UGANDA
MINISTRY OF WATER AND ENVIRONMENT
Directorate of Water Development

PROJECT

**KAWUMU PRESIDENTIAL MODEL
IRRIGATION SYSTEM AND
FACILITIES**

DRAWING TITLE

PIPE BEDDING

| | |
|-----------------|-----------------------|
| SURVEYED BY | SCALE 1:25 |
| DRAWN BY N.D | DATE MAY 2021 |
| CHECKED BY | DRAWING NO. SD 110 |
| APPROVED BY | |