Metric

## Structure Excavation

| Station | Dist | Area sm | Vol cm |
|---|---|---|---|
| 119+988.5 | | 0 | |
| | 1.4 | | 10.4 |
| +989.9 | | 14.8 | |
| | 0.9 | | 14.8 |
| +990.8 | | 18.2 | |
| | 2.4 | | 34.1 |
| +993.2 | | 10.2 | |
| | | 4.7 | |
| +993.2 | | | |
| | 1.6 | | 10.5 |
| +994.8 | | 8.4 | |
| | 5.2 | | 49.4 |
| 120+000.0 | | 10.6 | |
| | 5.84 | | 54.9 |
| +005.84 | | 8.2 | |
| | | 14.3 | |
| +005.34 | | | |
| | 2.4 | | 36.1 |
| +008.24 | | 15.8 | |
| | 0.9 | | 13.1 |
| +009.14 | | 13.3 | |
| | 1.4 | | 9.3 |
| +010.54 | | 0 | |
| | | | 232.6 cm |

## Unclassified Channel Excavation

| Station | Dist | Area sm | Vol cm |
|---|---|---|---|
| 119+986.5 | | 3.1 | |
| | 2.0 | | 6.2 |
| +988.5 | | 3.1 | |
| | 1.4 | | 3.7 |
| +989.9 | | 2.2 | |
| | | 1.4 | |
| 120+009.14 | | | |
| | 1.4 | | 2.5 |
| +010.54 | | 2.2 | |
| | | | 12.4 cm |

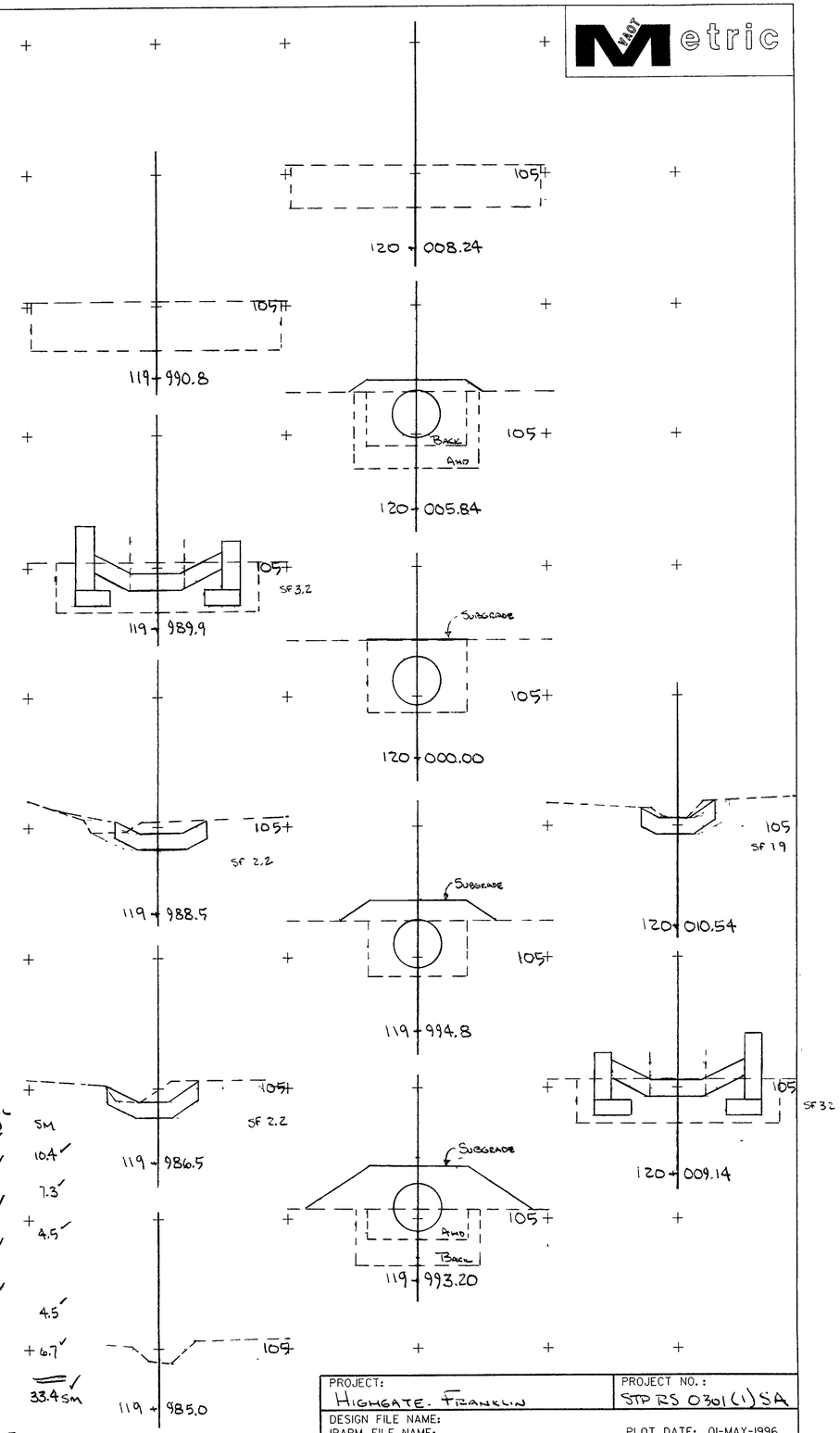
## Granular Backfill for Structures

Headwall - Sheet # 235

| Station | Dist | Area sm | Vol cm |
|---|---|---|---|
| 119+993.20 | | 13.2 | |
| | 1.6 | | 19.0 |
| +994.8 | | 10.5 | |
| | 5.2 | | 51.2 |
| 120+000.0 | | 9.2 | |
| | 5.84 | | 51.7 |
| +005.84 | | 8.5 | |
| Headwall | | | 35.6 |
| | | | 193.1 cm |

## Stone Fill, Type II and Geotextile under Stone Fill

| Station | Dist | Area sm | Vol cm | Length (m) | SM |
|---|---|---|---|---|---|
| 119+986.5 | | 2.2 | | 5.2 | |
| | 2.0 | | 4.4 | | 10.4 |
| +988.5 | | 2.2 | | 5.2 | |
| | 1.4 | | 3.8 | | 7.3 |
| +989.9 | | 3.2 | | 5.2 | |
| | 1.1 | | 2.8 | | 4.5 |
| +991.0 | | 1.8 | | 3.0 | |
| 120+008.0 | | 1.8 | | 3.0 | |
| | 1.1 | | 2.8 | | 4.5 |
| +009.14 | | 3.2 | | 5.2 | |
| | 1.4 | | 3.6 | | 6.7 |
| +010.54 | | 1.9 | | 4.4 | |
| | | | 17.4 cm | | 33.4 sm |




WRF 01-18-07
SWS 1-30-7

| | |
|---|---|
| PROJECT: Highgate - Franklin | PROJECT NO.: STP RS 0301(1) SA |
| DESIGN FILE NAME: | |
| IPARM FILE NAME: | PLOT DATE: 01-MAY-1996 |
| 8-744.500 - Cross Section & Quantity | |
| | SHEET: 31-A OF |

4188A - Drainage