

#### NOTES:

- 1. HEAVY DUTY COVERS TO BE USED IN DRIVES, ROADS, BERMS, AND INDUSTRIAL OR COMMERCIAL ZONED LAND.
- 2. LIGHT DUTY COVERS MAY BE USED OUTSIDE ROAD BOUNDARIES EXCEPT IN INDUSTRIAL AREAS.
- 3. 100mm THICK TOP SLAB MAY BE USED OUTSIDE ROAD BOUNDARIES EXCEPT IN INDUSTRIAL AREAS.
- FOR MANHOLES ON PIPE LINES GREATER THAN 600mm DIA. SEE CLAUSE 401.12.5.
- 5. PRECAST MANHOLES LESS THAN 2.4m DEEP TO INVERT TO BE CONSTRUCTED OF ONE SECTION.
- 6. PRECAST MANHOLES OVER 2.4m DEEP TO INVERT MUST HAVE BOTTOM SECTION OF A MIN. LENGTH OF 1.8m.
- INTERNAL DROPS SHOULD GENERALLY BE USED. REFER SHEET S3 FOR DETAILS.
- 8. ANY JOINTS IN THE WALL TO BE EPOXY MORTED.



# STANDARD DETAIL

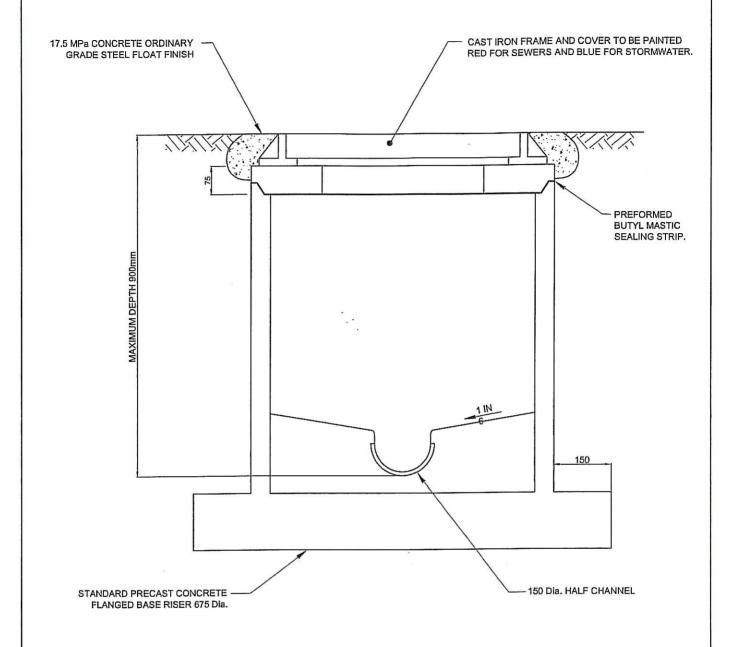
DATE:

AUGUST 2010

No:

SS<sub>1</sub>

MANHOLE DETAILS



NOTE:

1. ONLY TO BE USED FOR TERMINATING MANHOLES ON LEVEL RESIDENTIAL SITES WITH A MAXIMUM OF TWO 100mm DIA. HOUSE CONNECTIONS OR WHEN A FIXED SURFACE LEVEL IS ESTABLISHED.



## STANDARD DETAIL

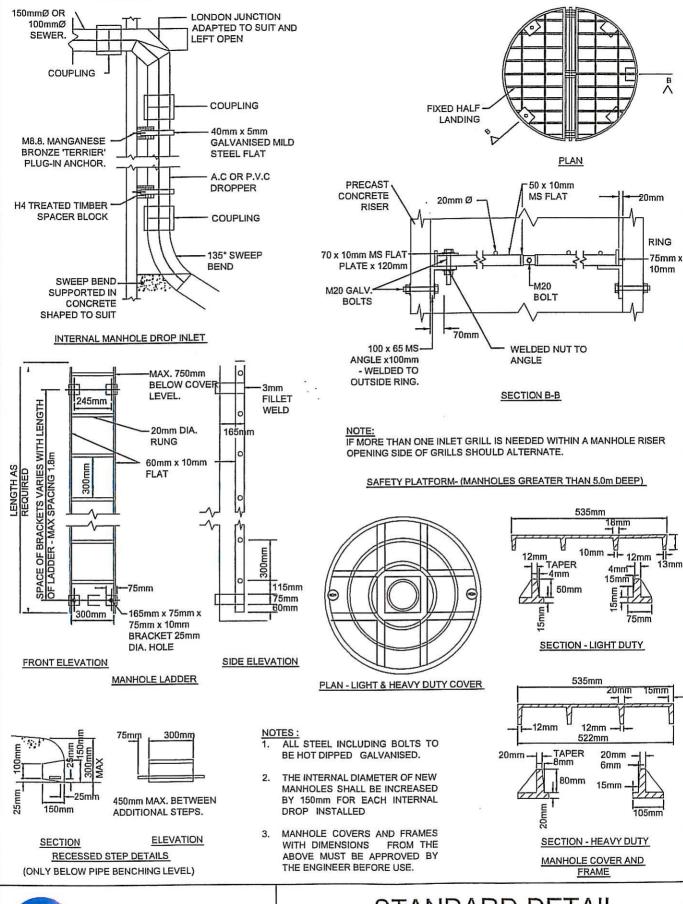
DATE:

APRIL 2009

No:

SS<sub>2</sub>

SHALLOW MANHOLE DETAILS

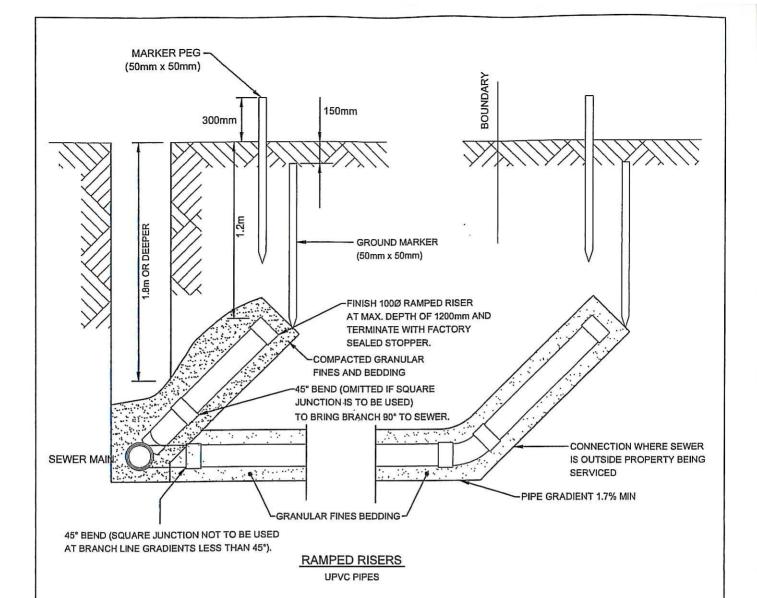


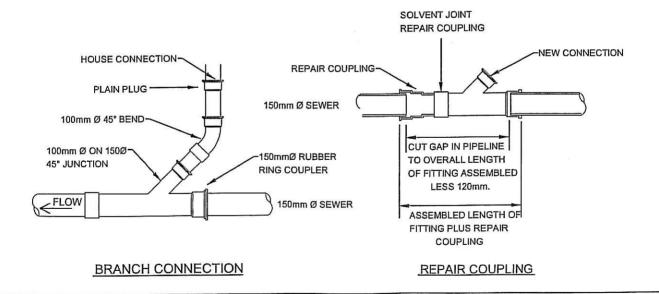


SS<sub>3</sub>

## STANDARD DETAIL

DATE: MANHOLE FITTINGS DETAILS
No:





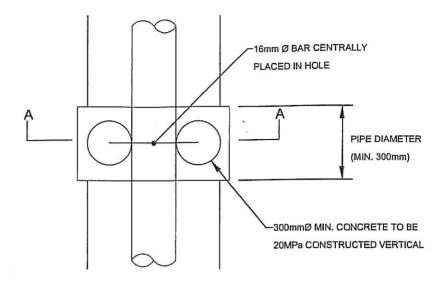


STANDARD DETAIL

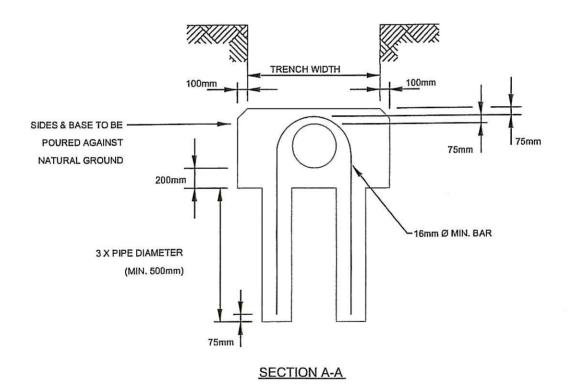
DATE: **APRIL 2009**  HOUSE CONNECTIONS AND RAMPED RISERS

No:

SS 4



### PLAN





DATE:

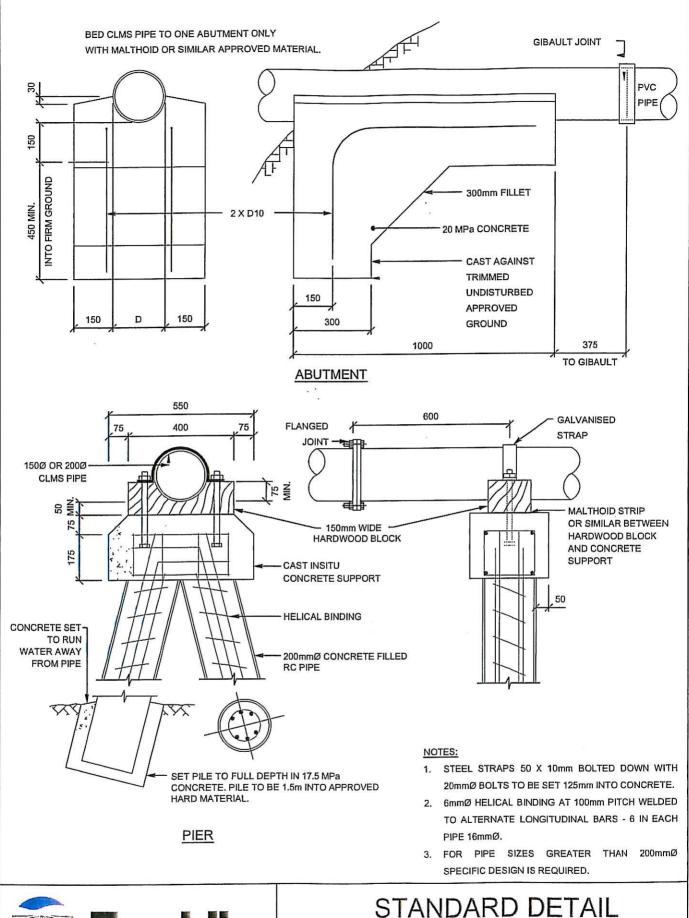
**APRIL 2009** 

No:

SS 5

# STANDARD DETAIL

ANTI - SCOUR BLOCKS FOR STEEP SEWER LINES

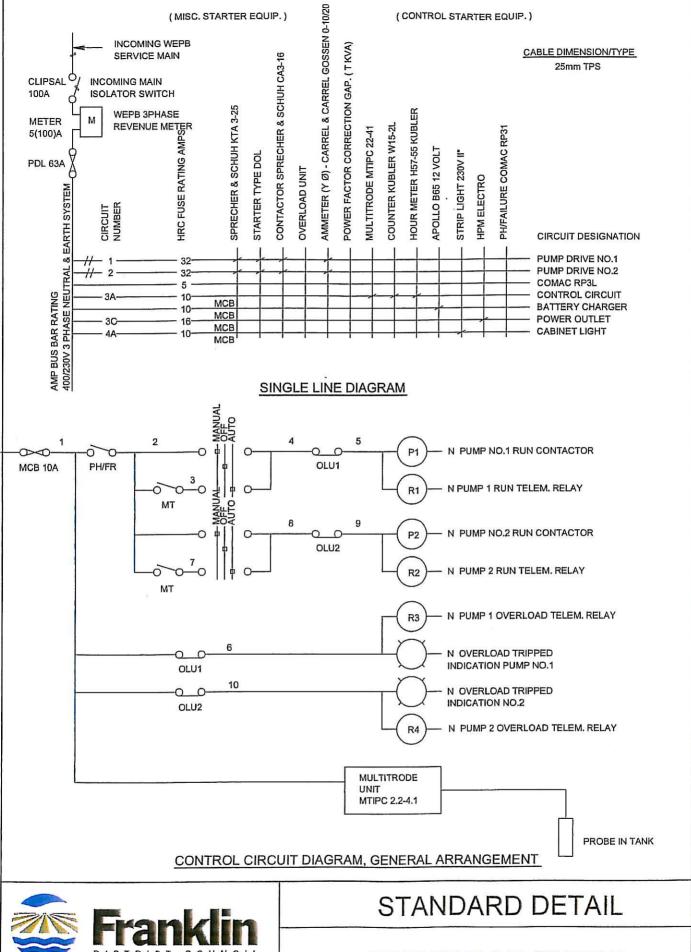




DATE: APRIL 2009 No:

SS<sub>6</sub>

PIPE BRIDGE FOR 150Ø - 200Ø PIPE





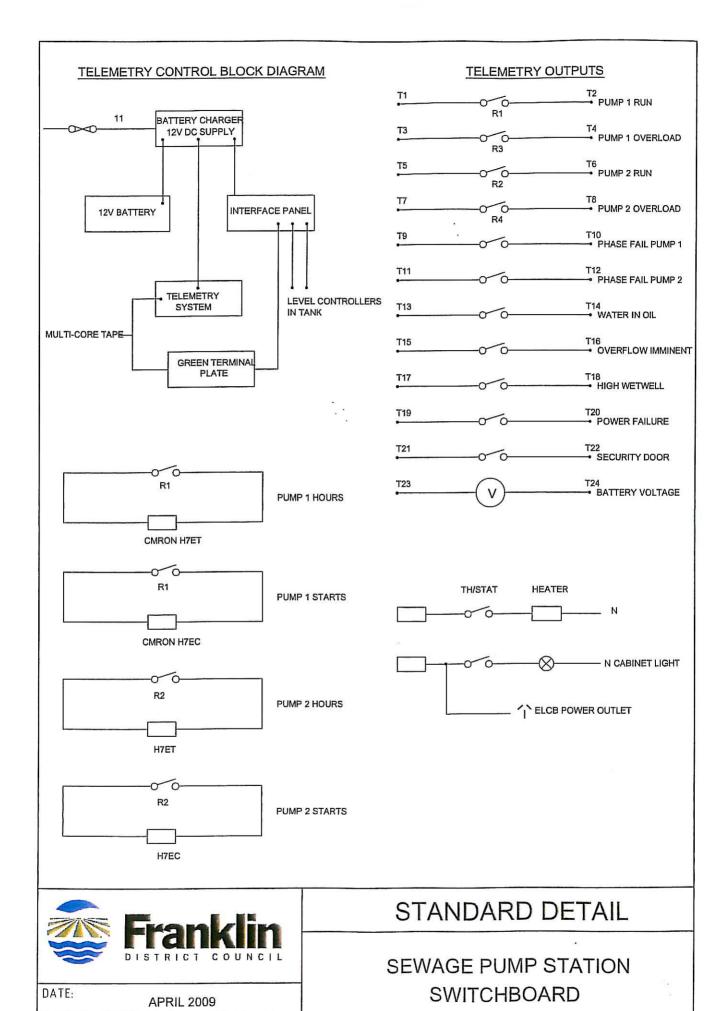
DATE:

**APRIL 2009** 

No:

SS 7

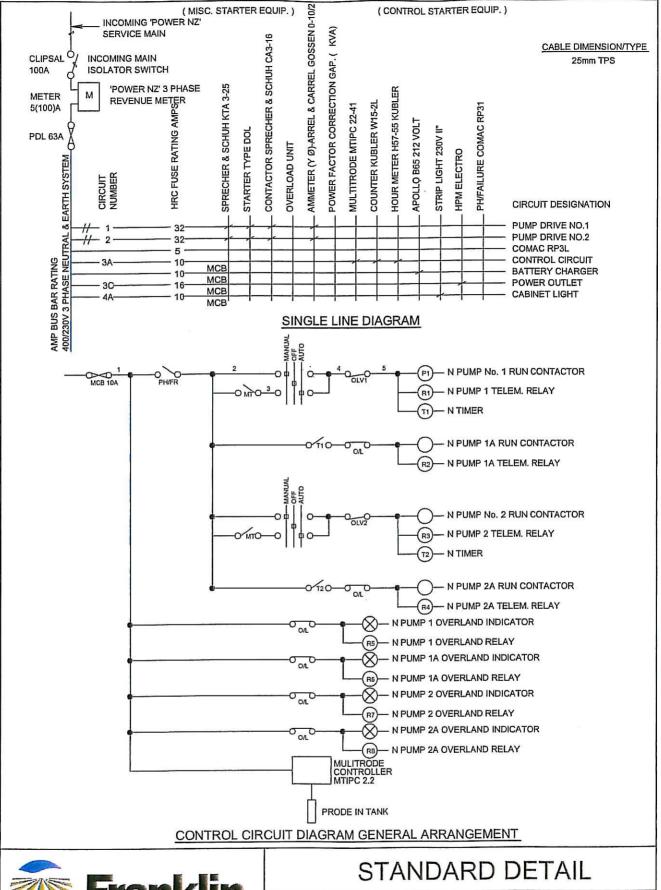
SEWAGE PUMP STATION **SWITCHBOARD** TWO - PUMP LAYOUT



No:

**SS 8** 

TWO - PUMP LAYOUT





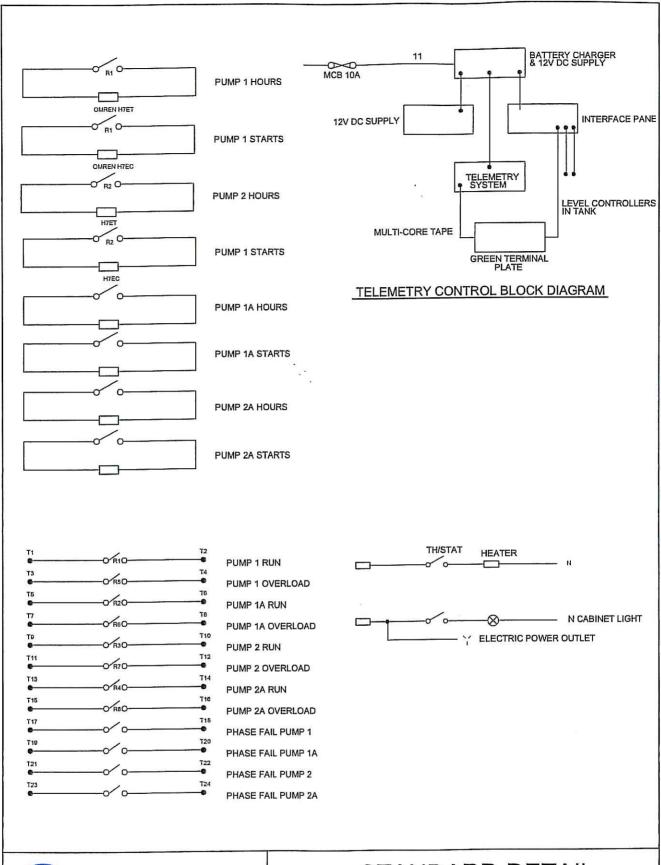
DATE:

No:

SS 9

**APRIL 2009** 

SEWAGE PUMP STATION SWITCHBOARD FOUR - PUMP LAYOUT





DATE: APRIL 2009
No: SS 10

# STANDARD DETAIL

SEWAGE PUMP STATION
SWITCHBOARD
FOUR - PUMP LAYOUT