

# Insulation of GBF's at Thornton bank situation on 10-11-2008

## D1

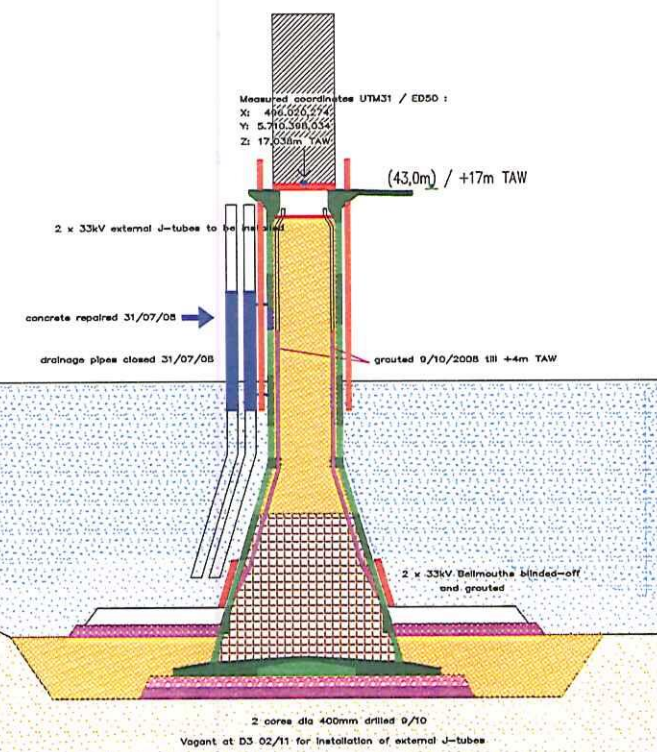
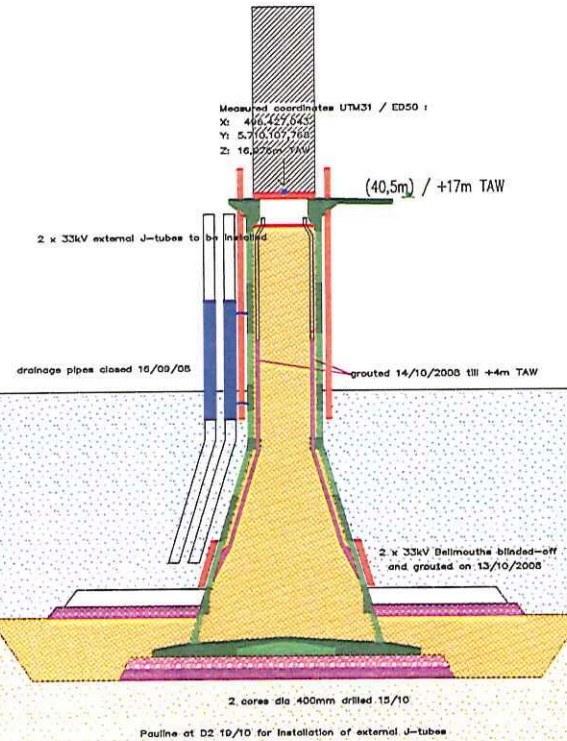
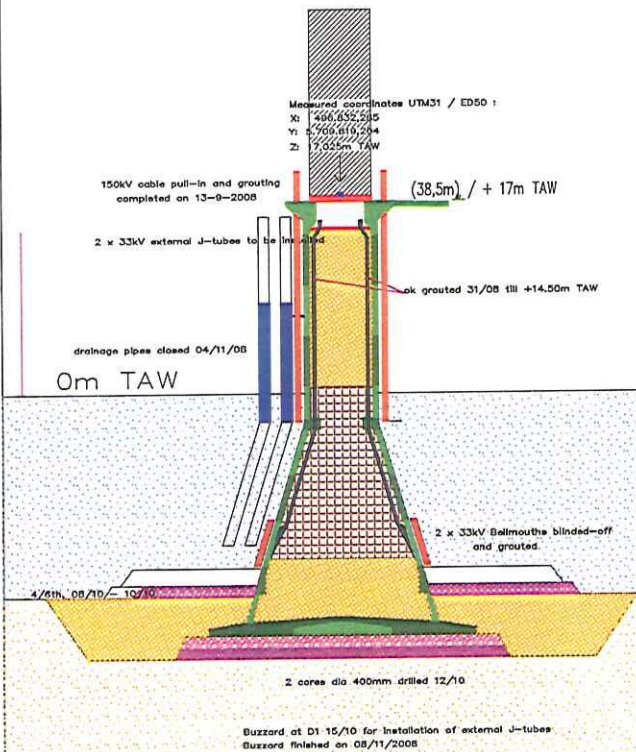
■ Foundation pit bulk dredging	08-03-2008
■ Foundation pit preclon dredging	04-04-2008
■ Gravel bed filter layer	11-04-2008
■ Gravel bed top layer	20-04-2008
■ GBF Installed	26/27-04-2008
■ Backfill	11-05-2008
■ Infill	14-09-2008
□ Scour protection filter layer	
□ Scour protection armour layer	
□ Armour layer on cables	
■ Ladders	10-07-2008
■ Levelling transition piece	10-07-2008
■ Dry Infill of last 2m	15-09-2008
■ Fairly airtight floor	10-07-2008
■ service crane base	10-07-2008
■ 33kV Blind flanges bellmouths+J-tubes grouted	31-08-2008
■ Installation external J-tubes	20-08-2008
■ Measurement Earth Resistance	

## D2

■ Foundation pit bulk dredging	09-03-2008
■ Foundation pit preclon dredging	04-04-2008
■ Gravel bed filter layer	12-04-2008
■ Gravel bed top layer	20-04-2008
■ GBF Installed	7/8-05-2008
■ Backfill	24-05-2008
■ Infill	17-08-2008
■ Scour protection filter layer	22-08-2008
□ Scour protection armour layer	
□ Armour layer on cables	
■ Ladders	17-08-2008
■ Levelling transition piece	17-08-2008
■ Dry Infill of last 2m	17-08-2008
■ Fairly airtight floor	18-08-2008
■ service crane base	17-08-2008
■ Blind flanges bellmouths	13-10-2008
■ Installation external J-tubes	07-11-2008
■ Measurement Earth Resistance	28-08-2008

## D3

■ Foundation pit bulk dredging	21-03-2008
■ Foundation pit preclon dredging	04-04-2008
■ Gravel bed filter layer	10-04-2008
■ Gravel bed top layer	24-04-2008
■ GBF Installed	21/22-05-2008
■ Backfill	05-06-2008
■ Infill	20-07-2008
■ Scour protection filter layer	15-09-2008
□ Scour protection armour layer	
□ Armour layer on cables	
■ Ladders	31-07-2008
■ Levelling transition piece	30-07-2008
■ Dry Infill of last 2m	31-07-2008
■ Fairly airtight floor	04-08-2008
■ service crane base	30-07-2008
■ concrete wall damage repaired on	31-07-2008
■ Blind flanges bellmouths	09-10-2008
■ Installation external J-tubes	
■ Measurement Earth Resistance	30-08-2008



- Finalized
- Ongoing / Partially realized
- Infill with big bags
- Infill with big bags (magna dense)
- Hydraulic infill

■ Installation of external 33kV J-tubes started



# Installation of GBF's at Thorntonbank situation on 10-11-2008

## D4

Completed as per DAR

- Foundation pit bulk dredging
- Foundation pit precision dredging
- Gravel bed filter layer
- Gravel bed top layer
- GBF installed
- Backfill
- Infill
- Scar protection filter layer
- Scar protection armour layer
- Armour layer on cables
- Ladders
- Levelling transition plate
- Dry fill of last 2m
- Fully airtight floor
- service crane base
- Blind flange bellmouth
- Grouted J-tube
- Repair works boat landing
- Installation external J-tubes
- Measurement Earth Resistance

## D5

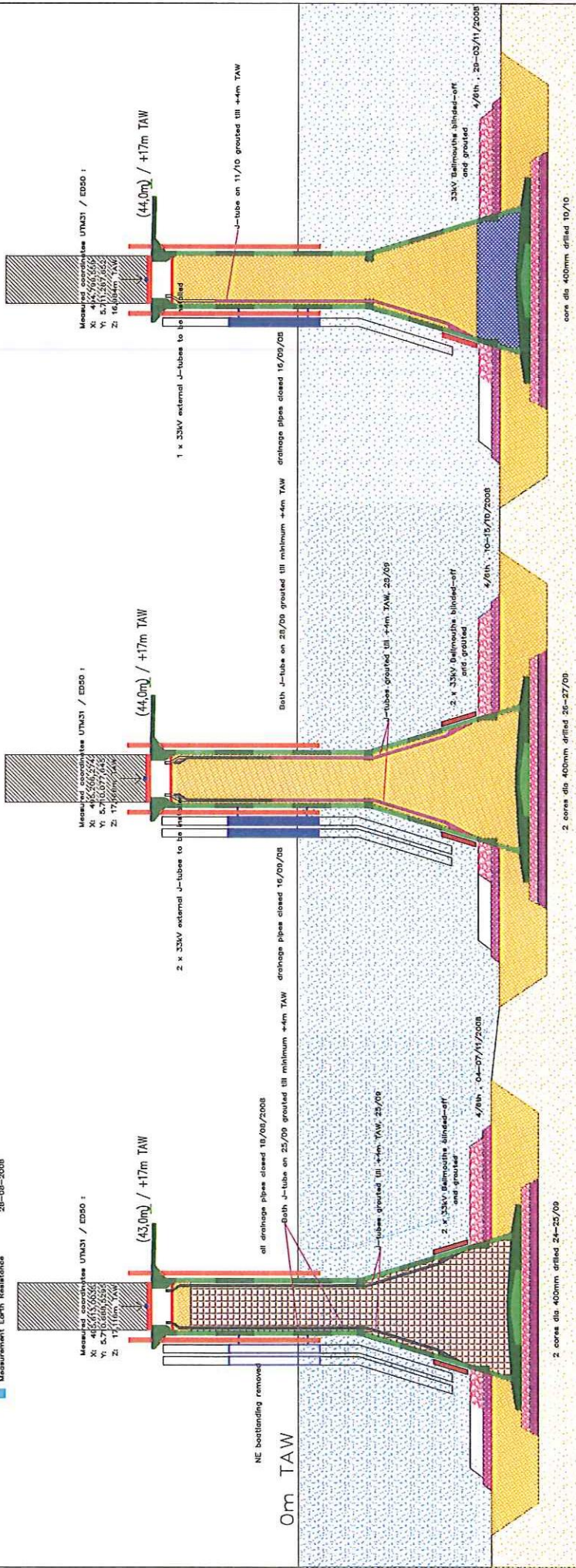
Completed as per DAR

- Foundation pit bulk dredging
- Foundation pit precision dredging
- Gravel bed filter layer
- Gravel bed top layer
- GBF installed
- Backfill
- Infill
- Scar protection filter layer
- Scar protection armour layer
- Armour layer on cables
- Ladders
- Levelling transition plate
- Dry fill of last 2m
- Fully airtight floor
- service crane base
- Blind flange bellmouth
- Installation external J-tubes
- Measurement Earth Resistance

## D6

Completed as per DAR

- Foundation pit bulk dredging
- Foundation pit precision dredging
- Gravel bed filter layer
- Gravel bed top layer
- GBF installed
- Backfill
- Heavy Infill
- Sand Infill
- Scar protection filter layer
- Scar protection armour layer
- Armour layer on cables
- Ladders
- Levelling transition plate
- Dry fill of last 2m
- Fully airtight floor
- service crane base
- Blind flange bellmouth
- Installation external J-tubes
- Measurement Earth Resistance



- Finalized
- Ong 3 / Partially realized
- Infill with big bags
- Infill with big bags (magna dense)
- Hydraulic fill
- Installation of external 33kV J-tubes started