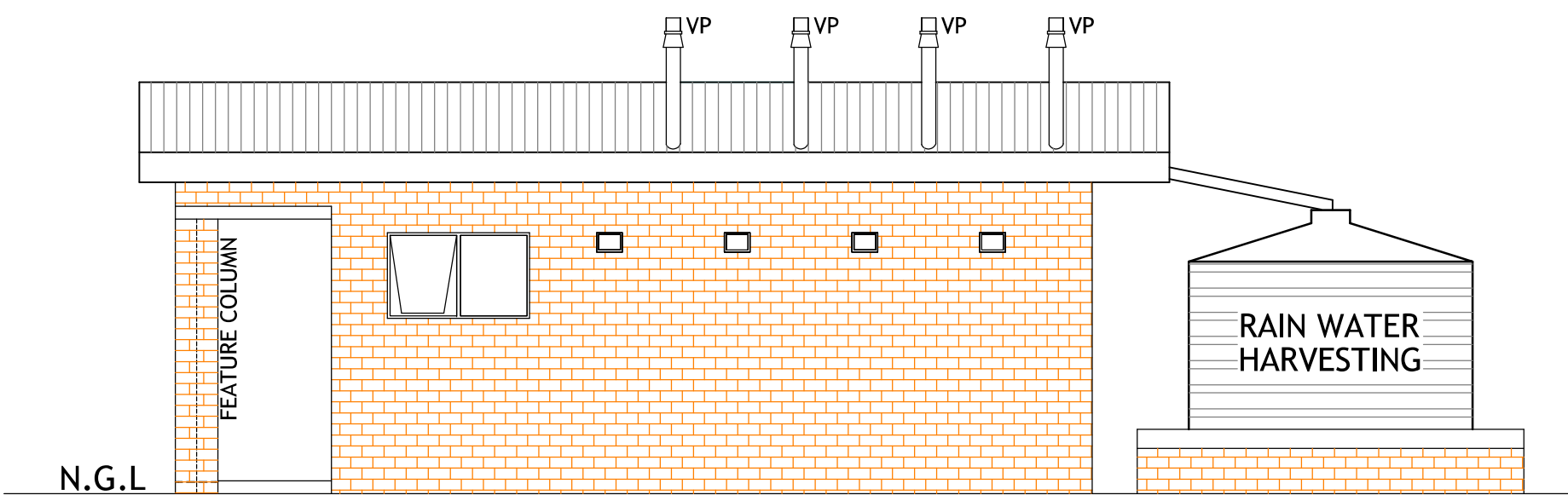
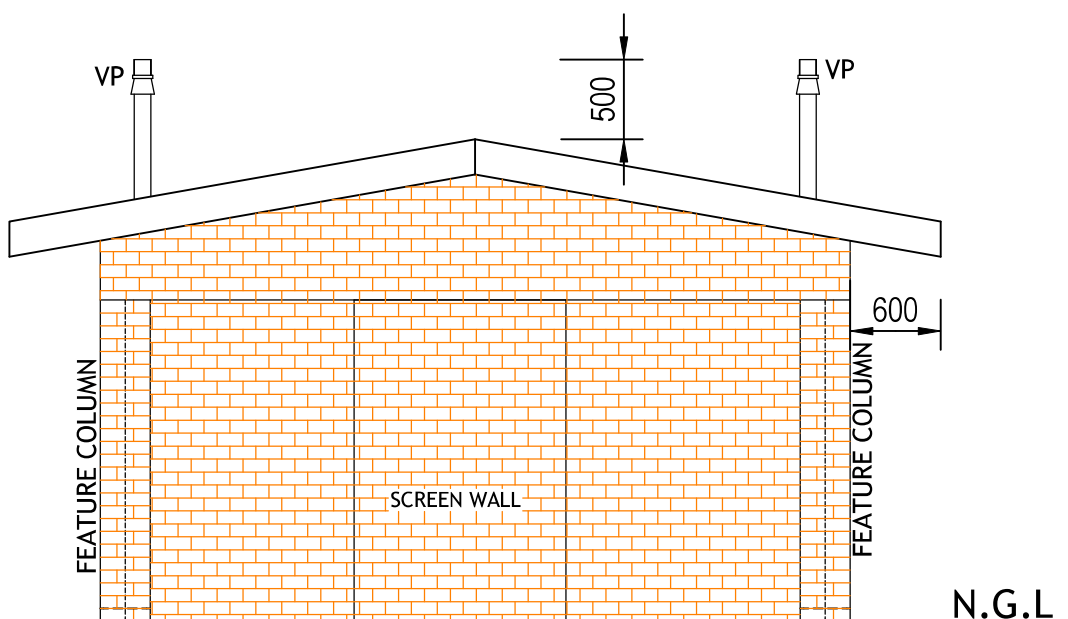


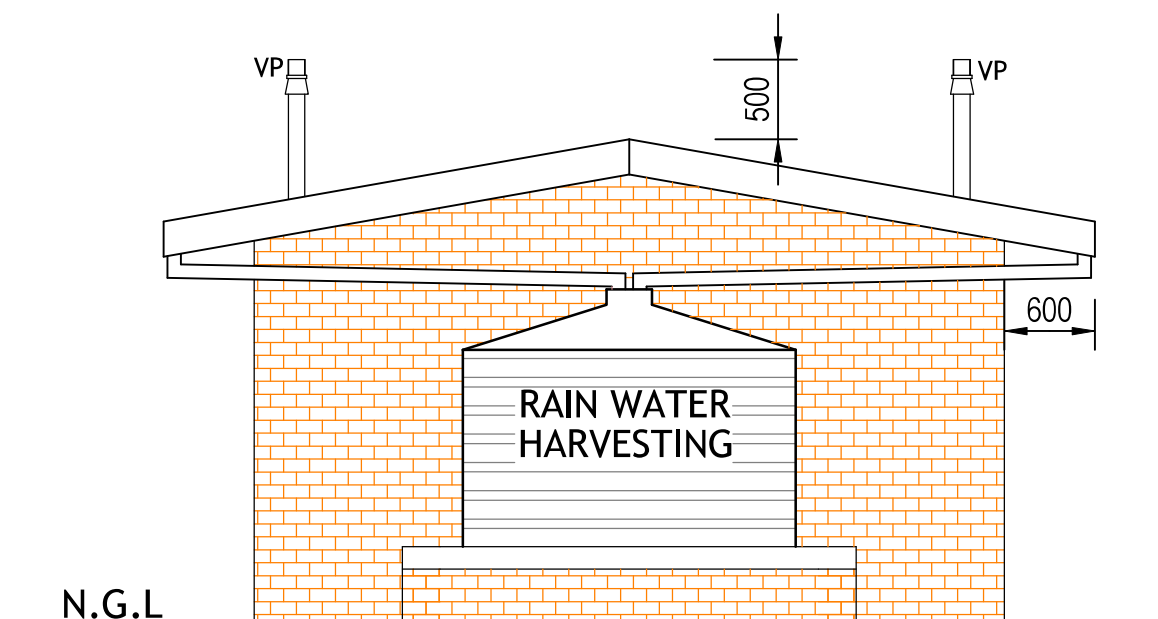
**SOUTH ELEVATION (GIRLS)**  
1:50



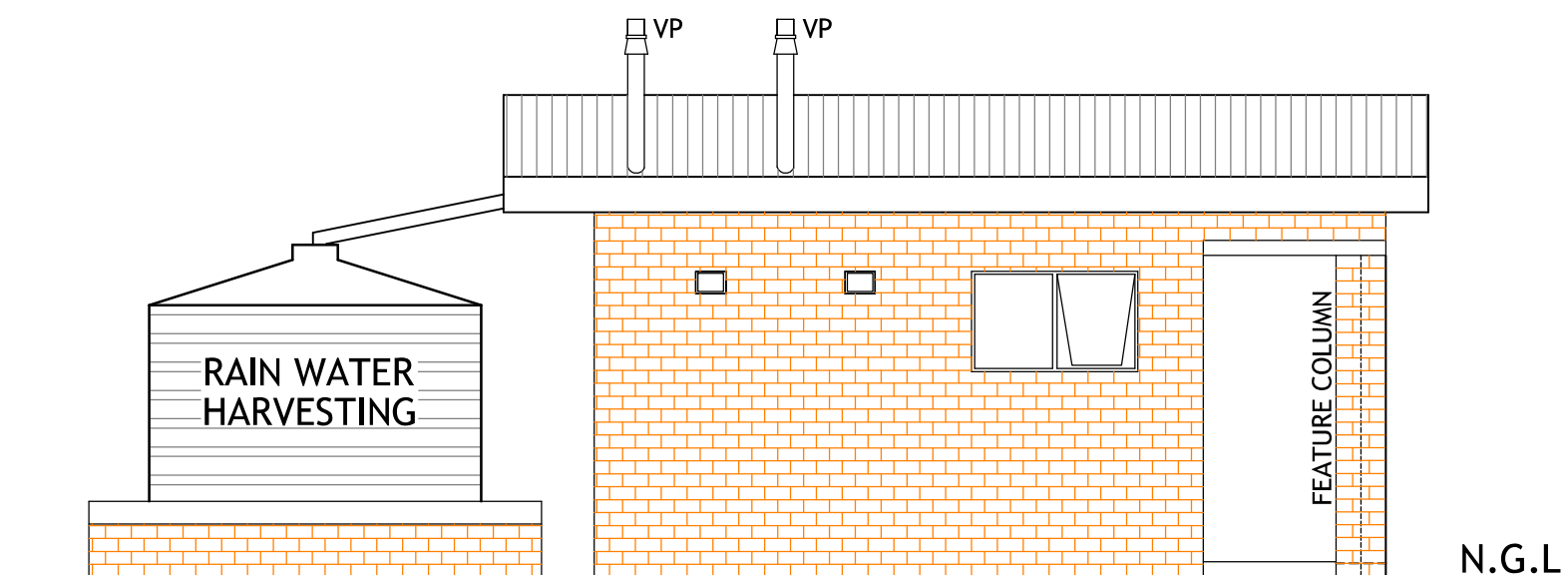
**NORTH ELEVATION (GIRLS)**  
1:50



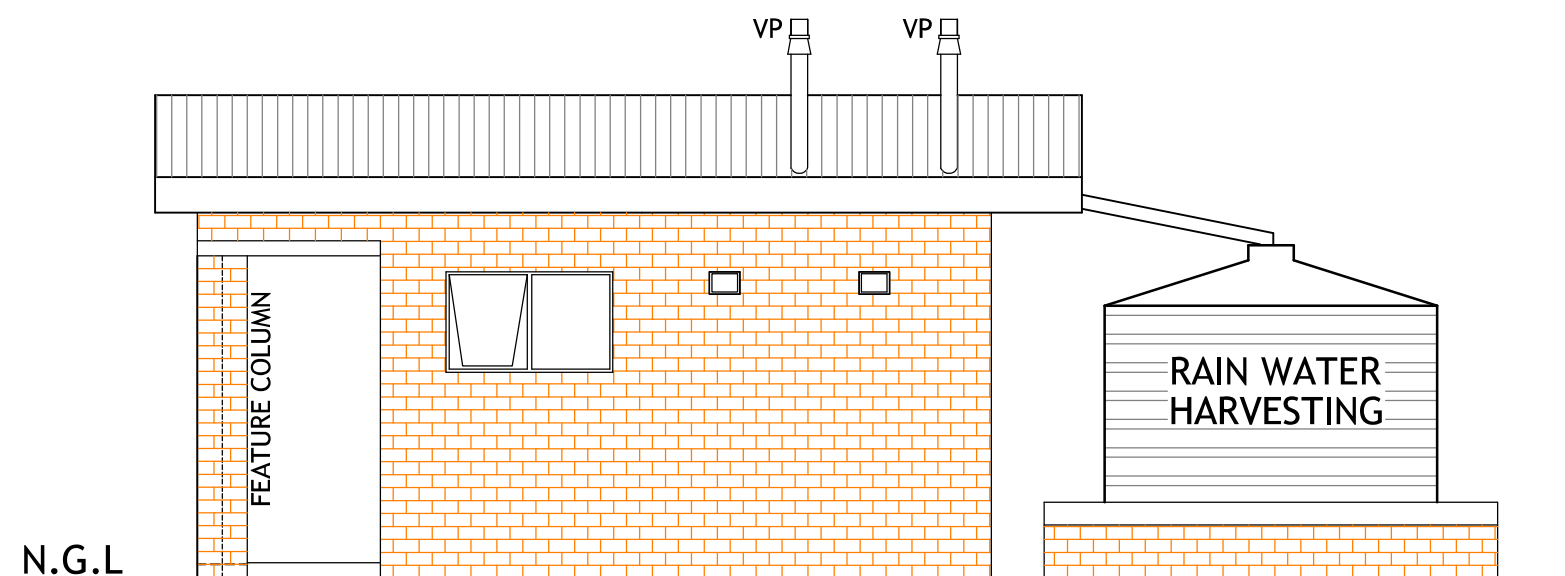
**FRONT ELEVATION (GIRLS)**  
1:50



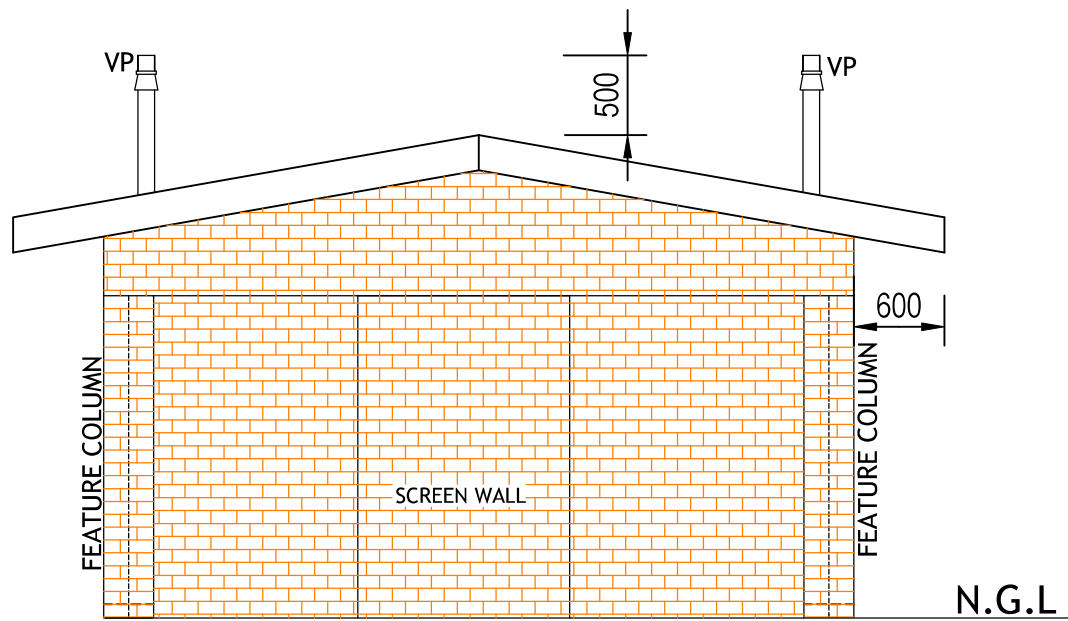
**REAR ELEVATION (GIRLS)**  
1:50



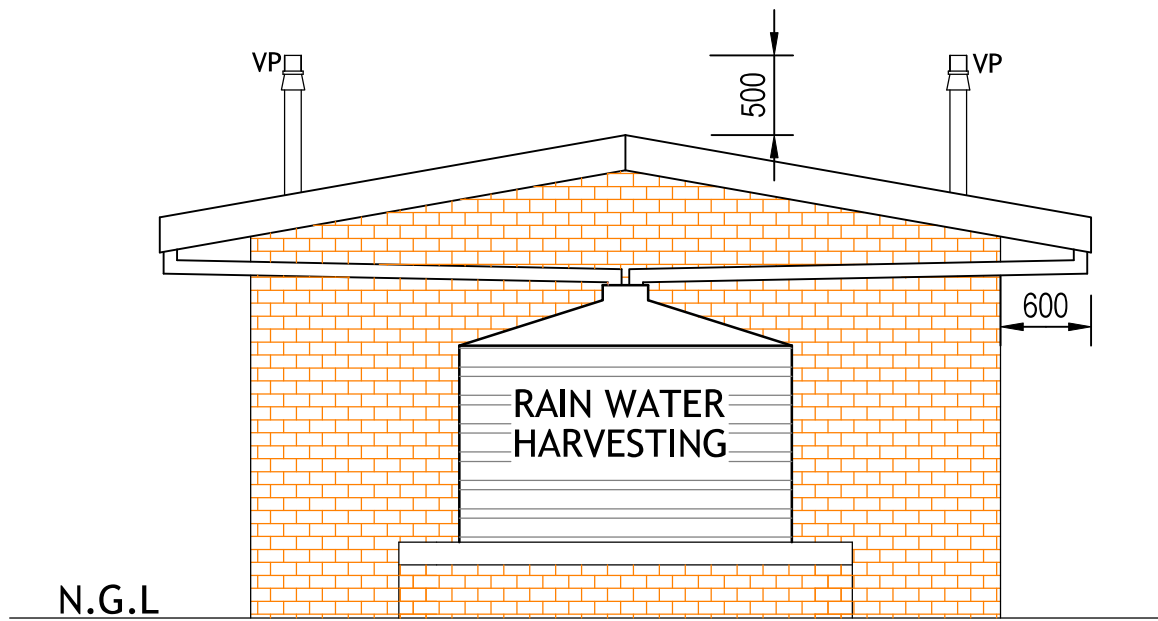
**EAST ELEVATION**  
1:50



**WEST ELEVATION**  
1:50



**NORTH ELEVATION**  
1:50



**SOUTH ELEVATION**  
1:50

NOTES :

GENERAL

1. ALL DIMENSIONS IN MM.
2. MORTAR JOINTS TO BE 10MM TO 15MM THICK.
3. THE SITE MUST BE CLEARED OF BUILDING RUBBLE AND LOOSE MATERIAL.

EXCAVATION

4. THE IMPLEMENTING AGENT WILL GIVE DIRECTION AS TO WHETHER A PIT WILL BE SEALED OR UN-SEALED, DEPENDING ON THE OUTCOME OF THE GROUNDWATER PROTOCOL.
5. THE CONTRACTOR WILL BE RESPONSIBLE TO EXCAVATE THE PIT, WHATEVER THE GROUND CONDITIONS ARE, AT HIS HER COST.
6. ALL BRICKS TO BE NFX ENGINEERING BRICKS FOR THE WHOLE SUB-STRUCTURE.
7. SECTION AA SHOWS THE ARRANGEMENT FOR AN UNSEALED PIT, OR SEALED PITS THE OUTSIDE WALL OF THE SUB-STRUCTURE MUST BE SOLID WITH NO OPEN VERTICAL JOINTS. THE BOTTOM OF THE PIT WILL INCLUDE A 50MM THICK CONCRETE BASE TO ENSURE THE PIT IS FULLY SEALED.
8. CENTRAL DIVIDING WALLS MUST BE CONSTRUCTED WITH FULLY MORTARED JOINTS FOR THE FULL DEPTH.
9. THE OUTER WALL OF THE PIT MUST HAVE A MINIMUM THICKNESS OF 220MM.
10. THE PIT MUST BE 1 COURSE OF BRICKS ABOVE THE NATURAL GROUND LEVEL.
11. THE SLABS WILL BE DESIGNED AND APPROVED BY THE IMPLEMENTING AGENT.

SUPER-STRUCTURE

13. FACE BRICKS TO BE USED ON ALL OUTER WALLS TO MATCH EXISTING SCHOOL FACILITY.
14. COMMON BRICKS TO BE USED FOR ALL INNER WALLS, WHICH MUST ALSO BE PLASTERED, AND PAINTED AS DIRECTED BY THE SCHOOL PRINCIPAL.
15. CEMENTITIOUS GROUT MUST BE USED TO SEAL THE JOINTS OF THE REAR ACCESS SLABS.
16. FLOOR SLABS TO BE SCREEDED 20MM THICK AND SLOPED TO ENSURE DRAINAGE TO EXIT ADEQUATELY.

ROOFING

17. 0,5MM CHROMADEK OR SIMILAR APPROVED ROOF SHEETING WITH END OVER-LAPS ACCORDING TO MANUFACTURERS SPECIFICATIONS, FASTENED WITH GALVANISED ROOFING SCREWS.
18. 50 x 75 GRADE 5, SAP PURLINS AT MAXIMUM 1100MM C/C SPACING.
19. 38 x 152 GRADE 5, SAP RAFTERS AT MAXIMUM 1000MM C/C SPACING.
20. 38 x 100 GRADE, SAP WALL PLATE.
21. 230MM FIBRE CEMENT OR SIMILAR APPROVED BARGE BOARDS AND FACIA BOARDS.

ANCILLARIES

22. THE RAIN WATER HARVESTING TANK MUST BE EQUIPPED WITH A FLOAT VALVE AND CONNECTED TO THE MAIN WATER SUPPLY WITHIN THE SCHOOL YARD, WHERE IT IS AVAILABLE.
23. TAPS MUST BE HIGH QUALITY "PUSH TAPS" TO ENSURE REASONABLE WATER CONSERVATION, WHICH MUST BE ABLE TO CLOSE AT MINIMUM 15 Kpa PRESSURE.
24. VENT PIPES TO BE SECURED TO THE WALLS INSIDE THE CUBICLES.
25. TOILET PEDESTALS TO BE COMPLETE WITH SEAT AND LID.

CONCRETE NOTES

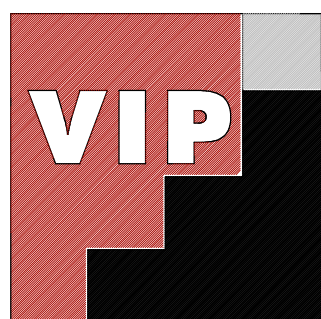
- 1) ALL CONCRETE SHALL HAVE A COMPRESSION STRENGTH OF 25 MPa AT 28 DAYS
- 2) CONCRETE MUST BE CURED BY KEEPING IT WET FOR 7 DAYS AFTER PLACING AND BE KEPT COVERED WITH POLYTHENE SHEETING.
- 3) MAXIMUM SLUMP OF CONCRETE SHALL BE 50mm AND VIBRATORS SHALL BE USED DURING PLACING OF CONCRETE.
- 4) STRIPPING OF CONCRETE
  - a) VERTICAL SIDES OF BEAMS AND SLABS = 2 DAYS
  - b) SOFFITS OF SLABS AND STAIRS WITH PROPS=7 DAYS
  - c) VERTICAL SIDES OF WALLS AND COLUMNS=3 DAYS
  - d) SOFFIT OF BEAMS WITH PROPS=14 DAYS
  - e) REMOVAL OF PROPS = 21 DAYS
- 5) ALL EXCAVATIONS AND REINFORCING MUST BE INSPECTED BY THE ENGINEER BEFORE CONCRETING MAY COMMENCE
- 6) ALL EXPOSED CONCRETE WORK MUST HAVE A SMOOTH FINISH.

CLIENT : ESKOM



NO	REVISIONS	DATE
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SKAAL  
SCALE AS SHOWN



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Consulting Civil and Structural Engineers  
Reg No 97/05698/07

PROJ  
PROJECT  
**KWAZULU NATAL PROVINCE  
MHLWAZINI HIGH SCHOOL**

DIENSDETAIL  
SERVICE DETAIL  
**ABLUTION BLOCKS  
- ELEVATIONS**

VERWYSINGS NOMMER  
REFERENCE NUMBER  
**F:\Projects\2401-2450 DRAWINGS**

OPGEMEET SURVEYED	ONTWERP DESIGNED	GETEKEN DRAWN <b>J.J.S</b>
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NAGESIEN CHECKED <b>F.P.</b>	DATUM DATE <b>MARCH 2015</b>	
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ING. TEKENINGNOMMER ENG. DRAWING NUMBER <b>2426 - G08</b>	GETAL VELLE No. SHEETS
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