

| ITEM No. | ITEM | DESCRIPTION | MATERIAL | NUMBER OF ITEMS | CORROSION PROTECTION | |
|----------|------|--|----------|-----------------|----------------------|---------|
| | | | | | INT. | EXT. |
| P01 | | 700Ø FLANGED PIPE WITH PUDDLE FLANGE AND 50mm SOCKET | MS | 1 | L - FBE | C - FBE |
| P02 | | 700mm x 450mm x 45° ECCENTRIC Y-PIECE | MS | 3 | L - FBE | C - FBE |
| P03 | | 700Ø FLANGED PIPE WITH 50mm SOCKET | MS | 2 | L - FBE | C - FBE |
| P04 | | 700Ø x 400Ø CONCENTRIC FLANGED LONG REDUCER | MS | 1 | L - FBE | C - FBE |
| P05 | | 400Ø BLANK FLANGE | MS | 2 | L - FBE | C - FBE |
| P07 | | 450Ø FLANGED PIPE WITH 3 x 50mm SOCKETS | MS | 3 | L - FBE | C - FBE |
| P08 | | 450Ø x 300Ø ECCENTRIC FLANGED LONG REDUCER | MS | 3 | L - FBE | C - FBE |
| P09 | | 400Ø x 250Ø CONCENTRIC FLANGED REDUCER | MS | 3 | L - FBE | C - FBE |
| P10 | | 400Ø x 90° FLANGED LONG RADIUS JIS ELBOW. | MS | 3 | L - FBE | C - FBE |
| P11 | | 400Ø FLANGED PIPE WITH 3 x 50mm SOCKETS | MS | 3 | L - FBE | C - FBE |
| P13 | | 400Ø ONE-END FLANGED PIPE WITH No.4 80 x 60 x 6mm ANGLE CLEATS | MS | 3 | L - FBE | C - FBE |
| P14 | | 400Ø FLANGED PIPE | MS | 3 | L - FBE | C - FBE |
| P17 | | 400Ø FLANGED PIPE WITH PUDDLE FLANGE | MS | 4 | L - FBE | C - FBE |

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|----------|------|---|----------|-----------------|----------------------|---------|
| | | | | | INT. | EXT. |
| P18 | | 400Ø FLANGED PIPE | MS | 4 | L - FBE | C - FBE |
| P19 | | 400Ø x 90° FLANGED LONG RADIUS JIS ELBOW. | MS | 4 | L - FBE | C - FBE |
| P20 | | 700mm x 400mm SWIFT T-PIECE | MS | 4 | L - FBE | C - FBE |
| P21 | | 700Ø FLANGED PIPE | MS | 3 | L - FBE | C - FBE |
| P22 | | 700Ø FLANGED PIPE | MS | 2 | L - FBE | C - FBE |

CORROSION PROTECTION CODES

| FACTORY APPLICATION | | |
|---------------------|---------|---|
| L - G | LINING | GALVANIZING |
| C - G | COATING | GALVANIZING |
| L - SFEP | LINING | SOLVENT-FREE EPOXY PAINT (SANS 1217-TYPE 1B MATERIAL) |
| C - SFEP | COATING | SOLVENT-FREE EPOXY PAINT (SANS 1217-TYPE 1B MATERIAL) |
| L - FBE | LINING | FUSION BONDED EPOXY (SANS 1217-TYPE 2A MATERIAL) |
| C - FBE | COATING | FUSION BONDED EPOXY (SANS 1217-TYPE 2A MATERIAL) |
| L - CM | LINING | CEMENT/MORTAR |

| ON SITE APPLICATION, AFTER INSTALLATION | | |
|---|--|--|
| S - PE | POLYURETHANE EXTERNAL COATING (SANS 1217-TYPE 1C MATERIAL) (NO ENAMEL PAINT TO BE APPLIED ON PIPEWORK BURIED OR SUBMERGED IN WATER - ONLY ON EXPOSED PIPEWORK) | |
| S - TW | ALL UNDERGROUND BOLTED FLEXIBLE AND FLANGED COUPLINGS MUST BE PROTECTED WITH PETROLEUM MASTIC AND TAPE WRAPPING. ALL UNDERGROUND STEEL PIPES TO BE COATED WITH DENSO PRIMER D AND WRAPPED WITH DENSOCLAD 70 TAPE | |

| MATERIAL LIST | | |
|---------------|------------------------------------|--|
| SS304L | : STAINLESS STEEL GRADE 304L | |
| MS | : MILD STEEL GRADE 300W | |
| GMS | : HOT-DIPPED GALVANIZED MILD STEEL | |

NOTE: FLANGED TO SABS 1123 TABLE 1600/3
* DIMENSION INDICATIVE. TO BE CONFIRMED ON SITE

FOR TENDER ONLY

| | | | |
|----------------------------|---------------|-------------|------------|
| CONSULTING ENGINEERS: | DESIGNED | P. S. Botha | 05/08/2024 |
| TRI-M CONSULTING ENGINEERS | DRAWN | J. Nel | 05/08/2024 |
| WEWORK | CHECKED | P. S. BOTHA | 05/08/2024 |
| 155 WEST STREET | APPROVED BY: | | |
| SANDTON, JOHANNESBURG | P. S. Botha | SIGNATURE | DATE |
| | ECSA REG. No. | | |
| | CHECKED | | |
| | | SIGNATURE | DATE |



PHYSICAL ADDRESSES:
65 NTEMI PILISO STREET
NEWTOWN
JOHANNESBURG

TEL: (011) 688-1400
FAX: (011) 688-1529

Turffontein Corridors of Freedom
Water Upgrade
Foresthill Tower and Pump station

PUMP STATION
PIPE SCHEDULE (2)

| SURVEY INFORMATION | | APPROVAL BY JW DEPOT | | SCALE | AMENDMENTS | |
|--------------------|--|-------------------------|--|--------------|------------|-----------------|
| PROJECT SURVEYOR: | | CHECKED | | 1: 50: 1: 25 | REV: | DESCRIPTION |
| DATE: | | APPROVED BY: | | 0 | | TENDER PURPOSES |
| | | SIGNATURE | | | | 05/08/2024 |
| | | DATE | | | | |
| CCTV INFORMATION | | APPROVAL BY JW PLANNING | | | | |
| CCTV COMPANY: | | CHECKED | | | | |
| DATE: | | APPROVED BY: | | | | |
| | | SIGNATURE | | | | |
| | | DATE | | | | |

| | | |
|--------------------|-------------|------|
| JW14402 | W06 | 0 |
| CONTRACT NUMBER | DRAWING No. | REV. |
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