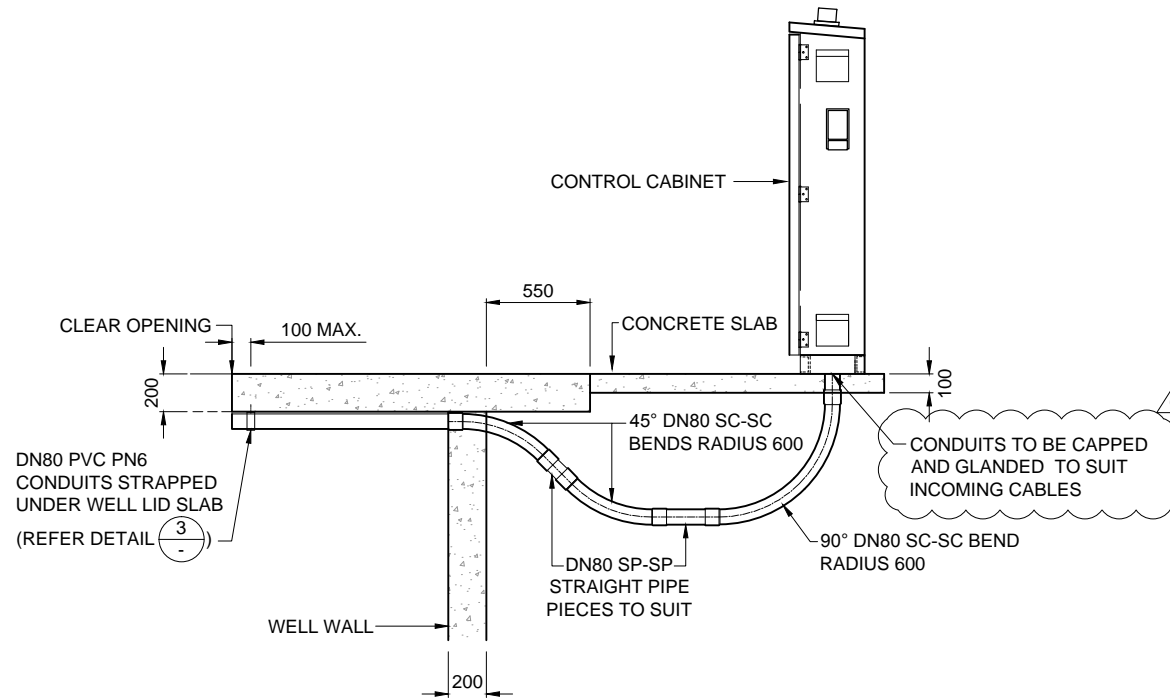


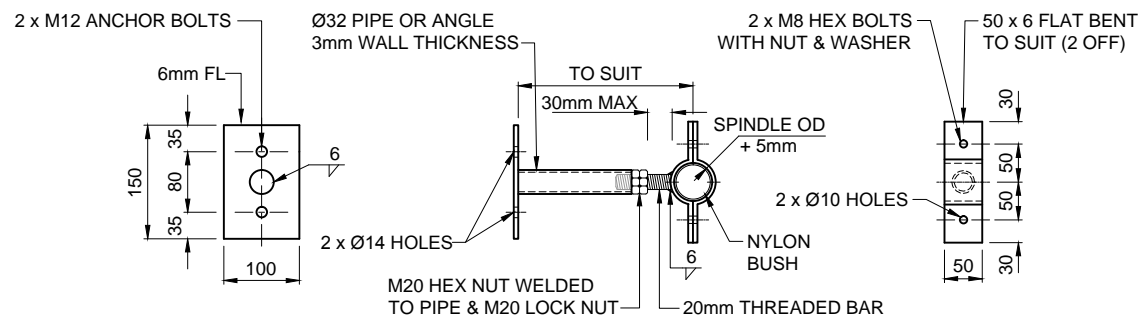
DETAIL 1
SCALE 1:20 (A3) 04

SPINDLE ACCESS THROUGH WELL COVER SLAB



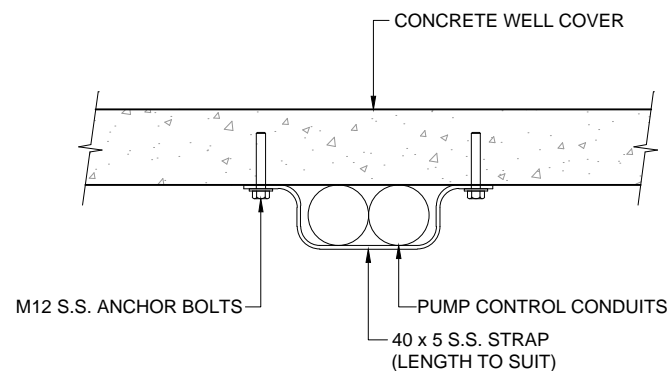
SECTION B
SCALE 1:40 (A3) 03

| PIPEWORK SCHEDULE | | |
|---|---|----|
| ALL PIPES TO BE DI EPOXY COATED INTERNALLY AND EXTERNALLY | | |
| ITEM | DESCRIPTION | No |
| 1 | SUBMERSIBLE PUMP WITH PUMP STAND | 2 |
| 2 | FLUSH VALVE FITTED TO PUMP (2) (NOT SHOWN) | 1 |
| 3 | Ø150 FL-FL STRAIGHT LENGTH | 2 |
| 4 | Ø150 FL-FL 90° BEND | 2 |
| 5 | Ø150 FL-SP STRAIGHT WITH PUDDLE FLANGE LENGTH | 2 |
| 6 | Ø150 GIBALT JOINT (MULTI-FIT TYPE) | 4 |
| 7 | 150Ø FL-SP STRAIGHT WITH 20 mm TAPPING & BALL VALVE LENGTH | 2 |
| 8 | Ø150 FL-FL VALMATIC NON-RETURN VALVE | 2 |
| 9 | Ø150 FL-FL RESILIENT SEATED SLUICE VALVE | 3 |
| 10 | Ø150 FL & SP STR WITH PUDDLE FLANGE AND 20mm TAPPING AND BALL VALVE. LENGTH | 1 |
| 11 | 150Ø FL-SP STRAIGHT WITH PUDDLE FLANGE LENGTH | 1 |
| 12 | Ø150 SC-SC 45° BEND | 1 |
| 13 | Ø150 SP- SP STRAIGHT | 2 |
| 14 | Ø150 SC-SC 'Y' JUNCTION | 1 |
| 15 | Ø..... FL-SP STRAIGHT WITH PUDDLE FLANGE LENGTH | 1 |
| 16 | Ø..... FL-FL RESILIENT SEATED SLUICE VALVE | 1 |
| 17 | Ø150 FL-FL-FL TEE | 1 |
| 18 | Ø150 FL-FL SLUICE VALVE WITH HAND WHEEL | 1 |
| 19 | Ø150 BLANK FLANGE | 1 |
| 20 | Ø..... GIBALT JOINT | 1 |
| 21 | Ø150 FL-SP PIPE PIECE 2000 LONG | 1 |
| 22 | Ø150 FL-FL ELECTROMAGNETIC FLOWMETER | 1 |
| 23 | Ø150 FL-FL STRAIGHT LENGTH 750mm | 1 |
| 24 | Ø150 FL-SP CONNECTOR | 1 |
| 25 | Ø..... FL-FL TEE HDPE PE100 | 1 |
| 26 | Ø..... BLANK END HDPE PE100 | 1 |
| 27 | Ø..... FL-SP PIPE L.T.S. HDPE PE100 | 1 |



DETAIL 2
SCALE 1:10 (A3) 04

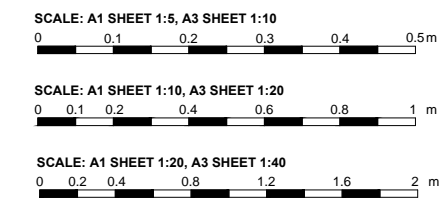
EXTENSION SPINDLE BRACKET



DETAIL 3
SCALE 1:20 (A3) -

CONDUIT STRAP DETAIL

| PUMP DETAILS | |
|-------------------|---------------------------|
| MANUFACTURER | FLYGT, KSB, ABS, GRUNDFOS |
| MODEL | |
| IMPELLER DIA |mm |
| DUTY POINT |L/S @m |
| MOTOR SIZE |kW |
| FULL LOAD CURRENT |A |



| ISSUE | AMENDMENT DETAILS | INITIALS | DATE |
|-------|---|----------|---------|
| C | CONDUITS CAPPED AND PIPEWORK SCHEDULE ADDED | A.K.R. | 09.2015 |
| B | PIPEWORK SCHEDULE AMENDED | G.P.C. | 06.2015 |
| A | NEW SHEET (PREVIOUSLY PARTS OF S.D.220/03 & S.D.220/04), CONDUIT STRAP ADDED & PIPEWORK SCHEDULE UPGRADED | G.P.C. | 08.2014 |



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| | |
|-----------------|--------------------------------------|
| DESIGN ENGINEER | DATE 14.09.15 |
| DESIGN MANAGER | DATE 14.09.15 |
| DRAWN | ENGINEERING & OPERATIONS DESIGN UNIT |
| SCALE | AS SHOWN |

| | |
|-------------|---|
| PROJECT: | SEWERAGE WORKS STANDARDS |
| PLAN TITLE: | 2.0m DIAMETER PUMP STATION (SHEET 6 OF 6 SHEETS) DETAILS |

| | |
|-----------------|-------------------|
| DRAWING NUMBER: | S.D.220-06 |
| | SEP 2015 |

ACAD FILE No: G:_AAA TSC STANDARD DRAWINGS\200 SEWERAGE WORKS\S.D.220-06 (June-15 Rev D)