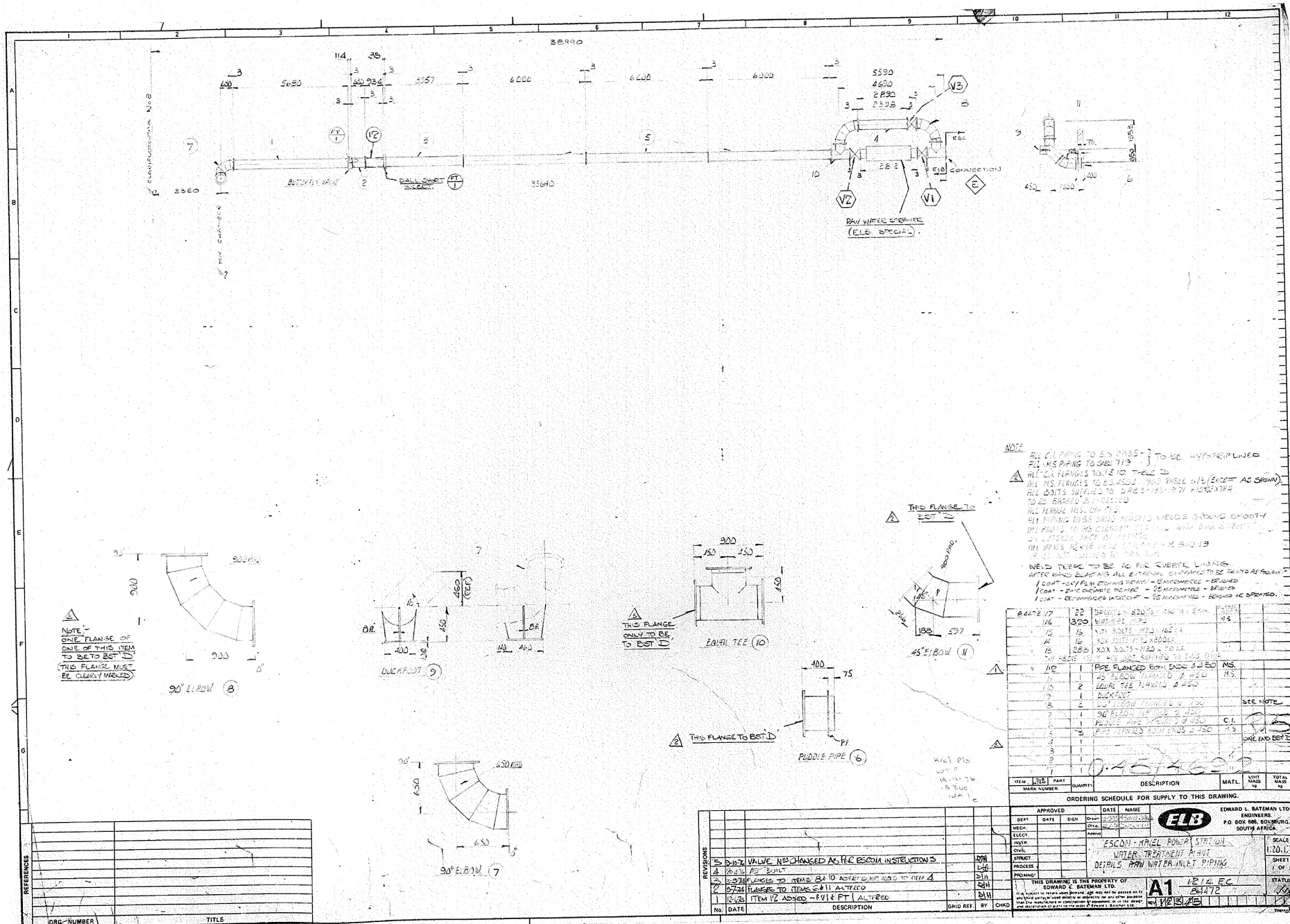
0-45/4672.


38990
5680
6000
6000
6000
5590
6690
8890
8998
3640
2860
BUTTERFLY VALVE
DALL SHEET
RAW WATER SCRAPER (ELB SPECIAL)
CONNECTION
V1
V2
V3
FT
E
NOTE
ALL C.S. PIPING TO B.S. 3035 } TO BE HYPOSCRIP LINED
ALL M.S. PIPING TO B.S. 719
ALL C.S. FLANGES TO B.S. 4504 PN16 TABLE H/E (EXCEPT AS SHOWN)
ALL M.S. FLANGES TO B.S. 4504 PN16 TABLE D
ALL BOLTS SUPPLIED TO S.A.E. 3-1951-B7M HIGH TENSILE
TO BE GALVANISED
ALL FLANGE MATS. CH. 7.1
ALL PIPING TO BE SAND BLASTED, WELDS GROUND SMOOTH
ALL FLANGES TO MS CLEARLY MARKED WITH BOLT SIZE
ALL GASKETS TO BE NITRILE
ALL VALVES, REDUCERS, ETC. TO BE TO B.S. 2819
ALL MATS. AS LISTED TO MAT. LIST
WELD TEEPEE TO BE NO FOR QUEBEC LIONS
AFTER SAND BLASTING ALL EXTERNAL SURFACES TO BE PAINTED AS FOLLOWS
1 COAT - ZINC PHOSPHATE PRIMER - 15 MICRONS - BRUSHED
1 COAT - ZINC CHROMATE PRIMER - 25 MICRONS - BRUSHED
1 COAT - RECOMMENDED TOPCOAT - 25 MICRONS - BRUSHED OR SPRAYED.
NOTE ONE FLANGE OF ONE OF THIS ITEM TO BE TO BST D THIS FLANGE MUST BE CLEARLY MARKED
90° ELBOW (8)
DUCKFOOT (9)
EQUAL TEE (10)
THIS FLANGE ONLY TO BE TO BST D
THIS FLANGE TO BST D
45° ELBOW (11)
THIS FLANGE TO BST D
PUDDLE PIPE (6)
90° ELBOW (7)
ORDERING SCHEDULE FOR SUPPLY TO THIS DRAWING.
ITEM
MARK NUMBER
PART
QUANTITY
DESCRIPTION
MATL.
UNIT MASS kg
TOTAL MASS kg
PIPE FLANGED BOTH ENDS Ø 250
45° ELBOW FLANGED Ø 250
EQUAL TEE FLANGED Ø 250
DUCKFOOT
90° ELBOW FLANGED Ø 250
PUDDLE PIPE FLANGED Ø 250
PIPE FLANGED BOTH ENDS Ø 250
MS.
C.I.
SEE NOTE
ONE END BST D
0-45/4672
REVISIONS
5 D-10-76 VALVE NOS CHANGED AS PER ESCOM INSTRUCTION 3
4 20-4-76 PS "BUILT"
3 6-9-76 FLANGES TO ITEMS 8 & 10 ADDED & NOT ADDED TO ITEM 4
2 5-7-76 FLANGES TO ITEMS 5 & 11 ALTERED
1 12-5-76 ITEM 12 ADDED - FV1 & FT1 ALTERED
No. DATE DESCRIPTION GRID REF BY CHKD
REFERENCES
DRG. NUMBER
TITLE
APPROVED
DEPT. DATE SIGN
MECH.
ELECT.
INSTR.
CIVIL
STRUCT.
PROCESS
PROJMNG
DATE NAME
Drawn
Chkd.
Approved
EDWARD L. BATEMAN LTD. ENGINEERS. P.O. BOX 585, ROSSBURG, SOUTH AFRICA.
ESCOM - KRIEL POWER STATION
WATER TREATMENT PLANT
DETAILS RAW WATER INLET PIPING
SCALE 1:20.1:75
SHEET 1 OF 1
STATUS
THIS DRAWING IS THE PROPERTY OF EDWARD L. BATEMAN LTD.
A1
1214 EC
84472
REV 1 2 3 4 5
MICROBOX