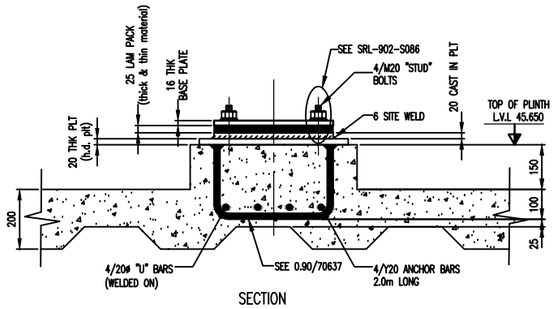
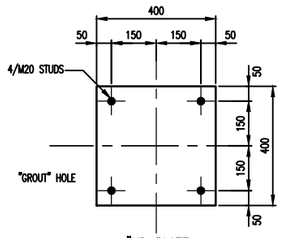
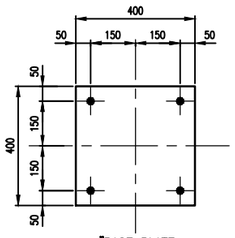


SECTION



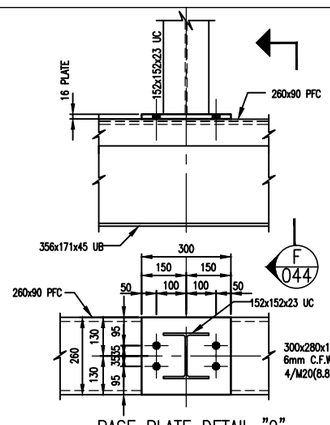
"HD PLATE (20 THK)



"BASE PLATE (16 THK)

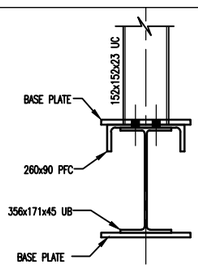
BASE PLATE DETAIL "1" (6 No. OFF)

SCALE 1:10



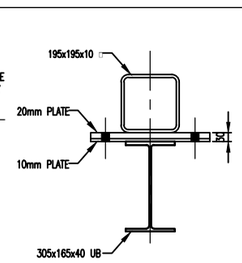
BASE PLATE DETAIL "2" (6 No. OFF)

SCALE 1:10



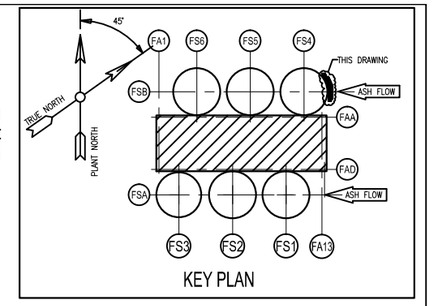
SECTION F–F

SCALE 1:10

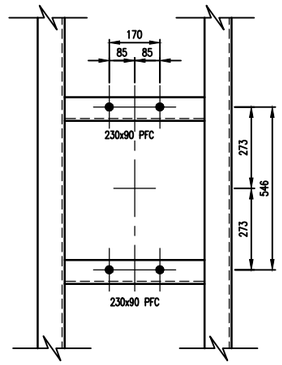


SECTION S–S

SCALE 1:10

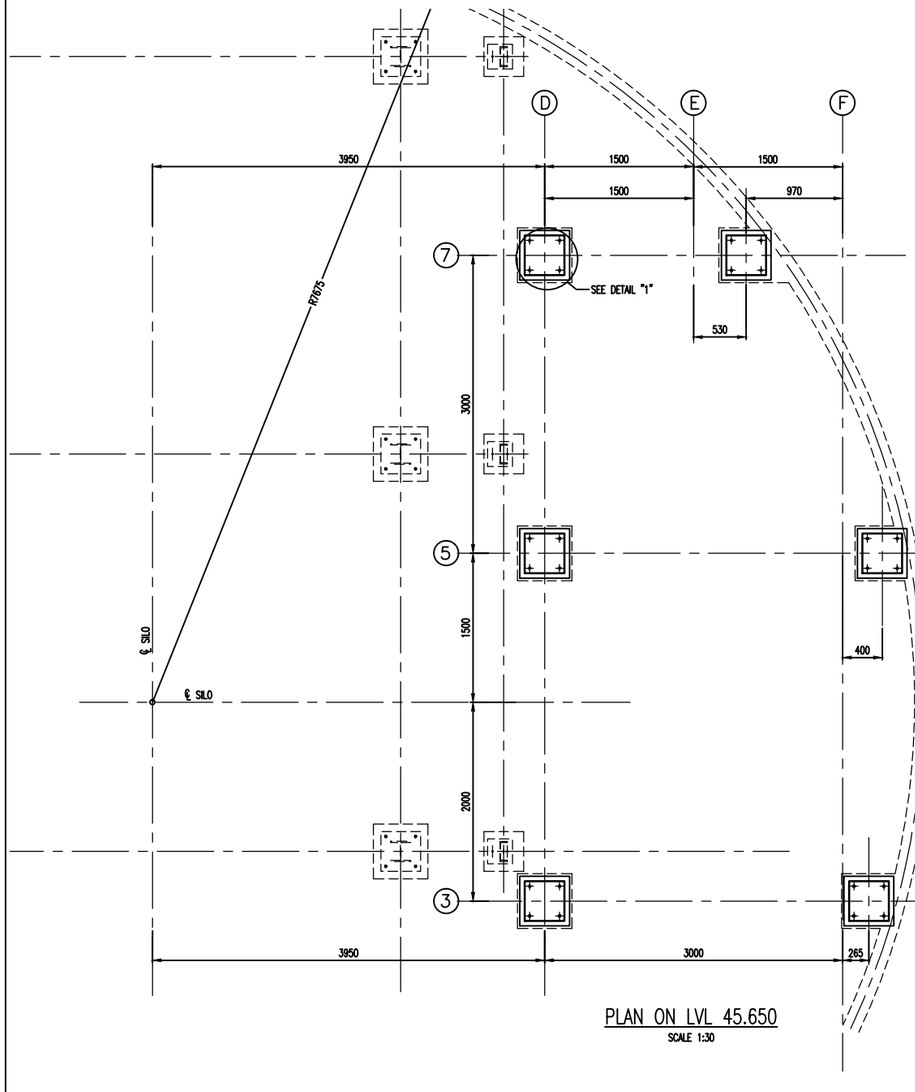


KEY PLAN



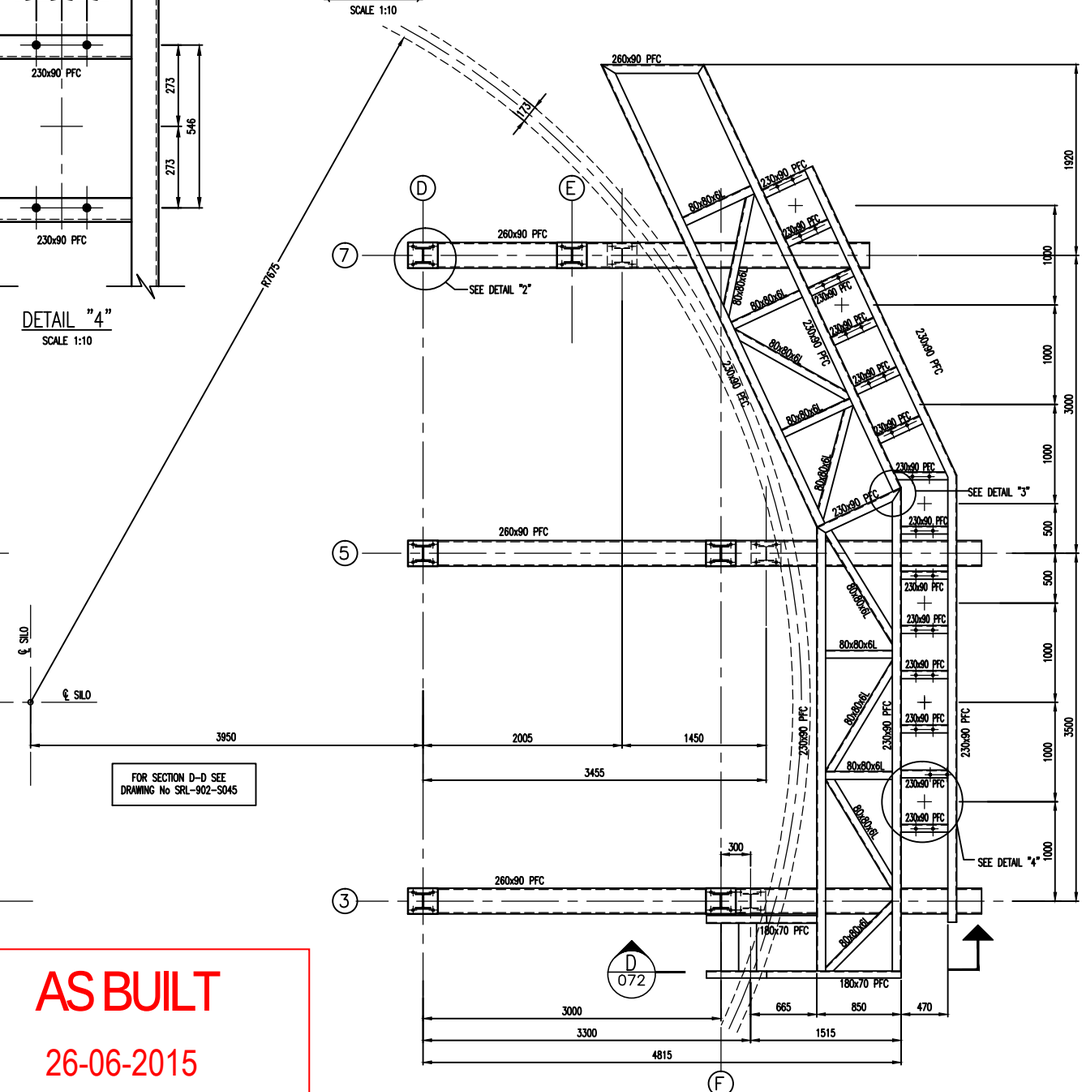
DETAIL "4"

SCALE 1:10



PLAN ON LVL 45.650

SCALE 1:30



PLAN ON LVL 46.030

SCALE 1:30

1) ALL STEELWORK SECTIONS TO BE GRADE 350WA.

2) ALL STEELWORK AND WORKMANSHIP TO BE L.A.W. SABS 0162 1200H & 1200HA AND ESKOM DOCUMENT No: 203–720. AND SA STEEL CONSTRUCTION HANDBOOK. (THE RED BOOK)

3) STEELWORK IS TO BE OF SHOP WELDED AND SITE BOLTED CONSTRUCTION (U.O.S.)

4) ALL HOLES TO BE Ø22 FOR M20 GRADE 8.8 BOLTS. (U.O.S.)

5) MINIMUM CONNECTION OF BOLTS, 2xM20 GRADE 8.8 BLOTS

6) ALL SETTING OUT POINTS ON THE DRAWING MUST ADHERED TO AT ALL TIMES WHILE SHOP DETAILING.

7) ALL BRACINGS MUST HAVE A MINIMUM OF TWO BOLT END CONNECTION.

8) FABRICATOR TO SUPPLY ALL BOLT, NUTS AND WASHERS AS REQUIRED FOR ERECTION, WITH 5% EXTRA, BAGGED PER DRAWING AND LABELLED WITH THE DRAWING NUMBER.

9) TAPERED WASHER TO BE USED WHERE REQUIRED.

10) ALL WELDS TO BE 6mm (MIN) CONTINUOUS FILLET WELDS AND L.A.W SABS 044. (U.O.S.)

11) ALL ITEMS RO BE CLEARLY HARD MARKED WITH DRAWING AND ITEM NUMBER IN 10mm LETTERING ±500mm FROM END.

12) ALL GUSSETS AND END PLATES TO BE 10mm THICK. (U.O.S.)

13) PAINTING MUST BE L.A.W. SPECIFICATION ON THE ORDER. (U.O.S.)

14) ALL SHOP DETAILS MUST BE COMPILED BY MANUFACTURER AND SUBMITTED TO CLYDE BERGEMANN AFRICA FOR APPROVAL PRIOR TO MANUFACTURING.

15 FABRICATOR MUST ISSUE ONE COPY OF ALL STEELWORK DRAWINGS INDICATING ERECTION MARKS FOR ERECTING PURPOSSES.

16 STANDARD BACK MARKS & CROSS CENTRES TO BE USED.

17 NO DEVIATION FROM MEMBER SIZE, DIMENSIONS OR SETTING OUT POINTS, UNLESS PERMISSION GRANTED FROM ENGINEER IN WRITING.

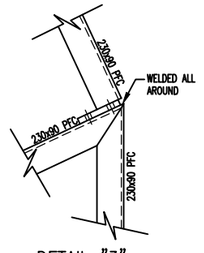
18 AFTER SURFACE PROTECTION IS COMPLETED, CRAWL BEAMS MUS BE CLEARLY MARKED WITH S.W.L. AS PER SPECIFICATION IN 150mm HIGH BLACK LETTERS, ON BOTH SIDES OF WEB. (U.O.S.)

19 FABRICATOR TO SUPPLY SUITABLE PACKS UNDER COLUMN BASE PLATES FOR SITE LEVELLING PRIOR TO GROUTING.

20) SHOP DETAILER IS TO ENSURE ADEQUATE DRAINAGE HOLES AT AREAS THAT MAY TRAP WATER.

21) REMOVE ALL BURRS AND SHARP EDGES.

ITEM	APPROX MASS(Kg)	No.Off	TOTAL
SILO 4 EDGE CRAWL STRUCTURE	7093Kg	1	7093Kg



DETAIL "3"

SCALE 1:10

AS BUILT

26-06-2015

REVISIONS

No	DATE	DESCRIPTION	BY
2	24/06/15	AS–BUILD	JEP
1	06/11/12	REVISED TO CLIENT'S COMMENTS	TM
0	27/07/12	ISSUED FOR CONSTRUCTION	TM
A	17/07/12	ISSUED FOR APPROVAL	T.N.

REVISIONS

No	DATE	DESCRIPTION	BY

REFERENCE DRAWINGS

DRAWING NUMBER	DESCRIPTION

REFERENCE DRAWINGS

DRAWING NUMBER	DESCRIPTION
SRL902–C061	SILO CRAWL STRUCTURE SHEET 4
SRL902–C052	SILO CRAWL STRUCTURE SHEET 3
SRL902–C045	SILO CRAWL STRUCTURE SHEET 2

ORIG				
REDSTR				
DESIGN APPROVED				
KKS APP.				
DO AUTH	12	10	12	L.W.R.
CHKD BY	12	10	12	L.W.R.
DRAWN BY	12	10	12	T.G.N.
SCALE	1:30–(U.O.S)			

AUTHORISED FOR ESKOM BY / DATE

SBL

KUSILE–POWER–STATION
DUST HANDLING & CONDITIONING PLANT
SILO 4 EDGE CRAWL STRUCTURE
PLANS (SHEET 1)

SRL–902–S044

0.90/38913

SHEET 1 REV 2