

GENERAL

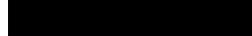
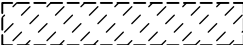
1. CONSTRUCTION TO BE IN ACCORDANCE WITH ALL DRAWINGS AND THE FOLLOWING NOTES AND PROJECT SPECIFICATIONS.
2. ALL DRAWINGS TO BE READ IN CONJUNCTION WITH ARCHITECTS, OTHER CONSULTANTS AND SPECIALISTS DRAWINGS.
3. ALL DIMENSIONS TO BE CHECKED ON SITE BY THE CONTRACTOR AGAINST ALL CONTRACT DRAWINGS. ANY DISCREPANCIES MUST BE REPORTED IMMEDIATELY TO THE ENGINEER.
4. DO NOT SCALE ENGINEER'S DRAWINGS, USE FIGURED DIMENSIONS ONLY.
5. IF ANY INSTRUCTION ON THIS DRAWING CANNOT BE COMPLIED WITH, THE MATTER MUST BE REFERRED TO THE ENGINEER IN WRITING FOR A RULING.
6. BEAM DEPTH IS FIRST DIMENSION GIVEN AND INCLUDES SLAB THICKNESS.
7. HORIZONTAL DIMENSION (PARALLEL TO BOTTOM OF PAGE) OF COLUMN IS GIVEN FIRST.
8. ALL BRICKWORK, RIGID PARTITIONS, SCREEDS, PLASTER, TILING AND BRITTLE FINISHES SHOULD BE DESIGNED AND JOINTED TO ACCOMMODATE ANTICIPATED MOVEMENTS.
9. WATERPROOFING AND DPC'S TO ARCHITECT'S DETAILS.
10. RAINWATER PIPES:

WHERE RAINWATER PIPES ARE CAST INTO COLUMNS, THE CONTRACTOR IS TO ENSURE THAT THE PIPES ARE POSITIONED AS SHOWN ON THE DRAWINGS, THAT THE PIPES ARE PLUMBED VERTICALLY AND FIXED RIGIDLY IN THE SHUTTERS TO ENSURE THAT NO DISPLACEMENT OCCURS DURING CASTING.

FOUNDATIONS

1. ALL FOUNDATION EXCAVATIONS MUST BE INSPECTED BY THE ENGINEER PRIOR TO CASTING THE BLINDING. ANY ADDITIONAL EXCAVATION ORDERED BY THE ENGINEER TO REMOVE UNSUITABLE MATERIAL TO BE FILLED WITH MASS CONCRETE. BLINDING TO BASES TO BE CAST IMMEDIATELY AFTER EXCAVATION. 50mm NOMINAL BLINDING UNDER ALL REINFORCED CONCRETE IN CONTACT WITH THE GROUND.

CONCRETE

1. RC COLUMNS & WALLS OVER SHOWN THUS: 
- RC COLUMNS & WALLS UNDER SHOWN THUS: 
2. ALL CONCRETE CONSTRUCTION TO BE IN ACCORDANCE WITH THE NATIONAL BUILDING REGULATIONS, SANS 10100, SANS 2001-CC1 AND THE PROJECT SPECIFICATIONS.
3. UNLESS OTHERWISE SPECIFIED, THE CONCRETE COVER TO REINFORCEMENT TO BE AS FOLLOWS:
 - a) INTERNAL SLABS 20mm
 - b) EXTERNAL SLABS 30mm
 - c) BEAMS 40mm
 - d) COLUMNS 40mm
 - e) BASES AND CONCRETE IN CONTACT WITH EARTH 50mm
4. THE CONTRACTOR IS REFERRED TO CLAUSE 4.7.22 & SANS 2001-CC1:2007 AND MUST KEEP WRITTEN RECORDS OF:
 - a) WEATHER CONDITIONS INCLUDING MAXIMUM AND MINIMUM TEMPERATURES
 - b) DATE OF CASTING
 - TIME POUR STARTED
 - TIME POUR FINISHED
 - ANY DELAYS DUE TO BREAKDOWNS ETC
 - POSITIONS OF ANY COLD JOINTS RESULTS OF CUBES TAKEN

5. CONCRETE STRENGTHS
MASS CONCRETE : 15MPa AT 28 DAYS
REINFORCED CONCRETE : 30MPa AT 28 DAYS
6. ENGINEER TO INSPECT REINFORCEMENT PRIOR TO CASTING CONCRETE. ENGINEER TO BE GIVEN AT LEAST 24 HOURS NOTICE OF REQUIRED INSPECTIONS. REINFORCING BARS SHALL COMPLY WITH THE RELEVANT REQUIREMENTS OF SANS 920. WELDED STEEL FABRIC SHALL COMPLY WITH THE RELEVANT REQUIREMENTS OF SANS 1024. STEEL SHALL BE SO STACKED OFF THE GROUND AS TO PREVENT DISTORTION AND SHALL BE PROTECTED FROM AGGRESSIVE ENVIRONMENTS AND CONTAMINATION. A CERTIFICATE ISSUED BY A GOVERNMENT-ENDORSED ACCREDITATION BODY (i.e. SANAS) CONFIRMING THAT THE STEEL COMPLIES WITH THE SPECIFIED REQUIREMENTS SHALL BE PROVIDED TO THE ENGINEER FOR EACH CONSIGNMENT OF STEEL DELIVERED TO SITE.
7. ALL MEMBERS TO BE CURED TO ENGINEER'S APPROVAL FOR 7 DAYS MINIMUM.
8. REMOVAL OF SHUTTERS TO BE TO SANS 2001-CC1 AND TO BE TO THE ENGINEER'S APPROVAL.
9. SIDES OF ALL BASES TO BE CAST AGAINST UNDISTURBED GROUND UNLESS OTHERWISE AGREED.

STRUCTURAL STEELWORK

1. ALL STEELWORK CONSTRUCTION IS TO BE IN ACCORDANCE WITH THE NATIONAL BUILDING REGULATIONS, SANS 2001-CS1 AND THE PROJECT SPECIFICATIONS. MILL CERTIFICATES FOR ALL STRUCTURAL STEELWORK DELIVERED TO SITE MUST BE PROVIDED TO THE ENGINEER.
2. ALL ROLLED STEEL SECTIONS TO BE GRADE S 355 JR IN ACCORDANCE WITH EN 10025 OR 350 W IN ACCORDANCE WITH SANS 1431.
3. STEEL FABRICATOR TO CHECK ON SITE DIMENSIONS BEFORE PREPARING WORKSHOP DRAWINGS AND FABRICATION OF STEEL MEMBERS. ACCESSIBILITY TO WORK SITES MUST ALSO BE CHECKED. WORKSHOP DRAWINGS TO BE SUBMITTED AND APPROVED BY THE ENGINEER PRIOR TO MANUFACTURE.
4. ALL WELDS 6mm FILLET UNLESS OTHERWISE SHOWN.
5. INSTALLATION OF MASONRY ANCHORS TO BE IN ACCORDANCE WITH MANUFACTURER'S WRITTEN INSTRUCTIONS.
6. FOR MEMBERS THAT ARE TO BE HOT-DIP GALVANIZED, THE GALVANIZING MUST BE IN ACCORDANCE WITH SANS 121 (SABS ISO 1461). WHERE APPROPRIATE FOR VISIBLE MEMBERS, THE CONTRACTOR MUST INFORM THE GALVANIZING YARD THAT A TOP QUALITY SURFACE FINISH IS REQUIRED FOR THESE SPECIFIC MEMBERS. STEEL FABRICATOR TO PROVIDE ENGINEER WITH A CERTIFICATE OF COMPLIANCE IN TERMS OF ISO 10474.
7. PAINTING OF GENERAL STEELWORK
EXCEPT FOR TOUCHING UP THE APPLICATION OF THE TOPCOAT, ALL PAINTING SHALL BE DONE IN A PROTECTED ENVIRONMENT.

SURFACE PREPARATION:

- a. THOROUGHLY SCRUB ALL AREAS TO BE PAINTED, WITH AN APPLICATION OF AQUASOLV DEGREASER GR 1 USING A BRISTLE SCRUBBING BRUSH. THOROUGH RINSING WITH COPIOUS AMOUNTS OF FRESH WATER IS ESSENTIAL. REPEAT PROCESS UNTIL WATER BREAK-FREE SURFACE IS OBTAINED.
- b. FURTHER PREPARE THE STEEL ABRASIVE BLAST CLEANING TO GRADE Sa 2-1/2 OF SWEDISH STANDARD SIS 055900-1967. THE BLAST PROFILE SHOULD BE 40-60 um.
- c. ENSURE THAT RESIDUAL DUST AND DEBRIS IS REMOVED IN ACCORDANCE WITH SABS METHOD 769.
- d. A CLEAN AND DRY SURFACE FOR PAINTING IS ESSENTIAL.

PRIMING (UNLESS OTHERWISE SPECIFIED ON THE DRAWING:

- e. PRIMING SHALL TAKE PLACE IMMEDIATELY AFTER SURFACE PREPARATION.
- f. PRIMER SHALL BE ONE FULL COAT OF ZINC PHOSPHATE PRIMER UC 207 APPLIED BY AIRLESS SPRAY OR BRUSH. (MIN. DFT - 80 MICRON).
- g. STRUCTURAL STEEL SHALL BE PAINTED WITH INTUMESCENT (TO BS 476.PT 20-22) TO ACHIEVE A MINIMUM 120 MINUTE FIRE RATING. APPLICATOR TO PROVIDE CERTIFICATION FOR FIRE RATING.
8. BOLTS TO BE: CLASS 4.8 FOR SIZES M12 AND M16
CLASS 8.8 FOR SIZES M20 AND LARGER

NOTES

THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL
RELEVANT ARCHITECT'S & CONSULTANTS DRAWINGS &
SPECIFICATIONS

AS BUILT

THIS AS BUILT DRAWING REFLECTS THE INFORMATION ON THE
FINAL DESIGN DRAWING AND CHANGES / ADDITIONS ISSUED BY
SITE INSTRUCTION. THIS DRAWING DOES NOT INCORPORATE
ANY ON SITE 'AS BUILT' MEASUREMENTS

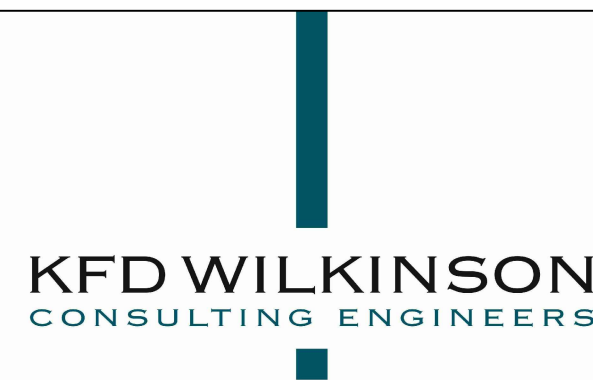
AMENDMENTS

Z	JAN 2019	JKW	AS BUILT
A	16/02/18	JKW	FOR CONSTRUCTION
DESIGNED		DRAWN	CHECKED
BS		JKW	RGD Pr.Eng.



INTERNATIONAL
DEPARTURES TERMINAL:
CENTRAL BUSINESS
LOUNGE

GENERAL NOTES



12TH FLOOR PICBEL PARKADE STRAND STREET CAPE TOWN 8001
P.O. BOX 3276 CAPE TOWN 8000
TEL (021) 425-1610 • FAX (021) 425-1646 E-MAIL admin@kfdw.co.za

SCALE	DWG. NO.	REV
NA	A.509-28/01	Z