

GENERAL NOTES

G1	THESE DRAWINGS MUST BE READ IN CONJUNCTION WITH ALL CONSULTANT DRAWINGS, THE SPECIFICATION AND WITH SUCH OTHER WRITTEN INSTRUCTIONS ISSUED DURING THE COURSE OF THE CONTRACT.
G2	THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE STRUCTURE IN A STABLE CONDITION AND ENSURING NO PART SHALL BE OVER STRESSED DURING CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR AND OBTAIN THE SERVICES OF AN INDEPENDENT ENGINEER, AS NECESSARY, FOR THE PREPARATION AND EXECUTION OF A COMPREHENSIVE SAFE ERECTION PROCEDURE, THAT WILL AT ALL TIMES ENSURE THE STABILITY OF THE WORKS, SAFETY OF ALL PERSONNEL AND PROTECTION OF SURROUNDING PROPERTY INCLUDING THE DESIGN, CERTIFICATION AND PROVISION OF ALL NECESSARY TEMPORARY BRACING AND SUPPORT.
G3	THESE DRAWINGS SHALL NOT BE SCALED. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE (U.N.O.).
G4	STRUCTURAL DESIGN CRITERIA SHALL BE IN ACCORDANCE WITH TABLE G1
G5	THE CONTRACTOR SHALL GIVE THE ENGINEER MINIMUM NOTICE OF 1 WORKING DAY FOR: • FOOTING EXCAVATION INSPECTIONS PRIOR TO PLACEMENT OF MEMBRANE. • FOOTING REINFORCEMENT INSPECTIONS PRIOR TO PLACEMENT OF CONCRETE.
G6	WHERE EXCAVATION WORK IS TO BE CARRIED OUT ADJACENT TO EXISTING FOOTINGS, THE EXACT LEVEL OF THE UNDERSIDE OF THE FOOTINGS SHALL BE OBTAINED BY TEST PITS PRIOR TO EXCAVATION AND REPORTED TO THE ENGINEER TO DETERMINE WHETHER UNDERPINNING OR SHORING OF THE STRUCTURE IS REQUIRED. THE EXISTING STRUCTURE SHALL BE MAINTAINED IN A STABLE AND UNDAMAGED CONDITION.
G7	REFER TO THE ARCHITECTURAL DRAWINGS FOR BRICK AND BLOCK WALL THICKNESSES, FALLS IN SLABS, EXTRA PACKING, WATERPROOFING MEMBRANES, CONTRACTION JOINT FILLING MATERIALS AND ALL OTHER ARCHITECTURAL FEATURES SUCH AS DRIP GROOVES, POUR BREAKS IN OFF-FORM CONCRETE, FILLETS, ETC. WHERE NOT NOTED ON THESE DRAWINGS.
G8	REFER TO ARCHITECTURAL DRAWINGS FOR ALL ADDITIONAL PLATES, ANGLES, ETC. REQUIRED ON STRUCTURAL STEELWORK FOR FIXINGS TO INTERNAL PARTITIONS, BLOCKING, WINDOW FRAMES, FLASHING, CAPPING, ETC.
G9	ALL PROPRIETARY PRODUCTS SHALL BE INSTALLED STRICTLY IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND WHERE REQUIRED STRUCTURAL CERTIFICATION SHALL BE PROVIDED BY THE BUILDER PRIOR TO INSTALLATION.
G10	ELECTRONIC COPIES OF DRAWINGS SHALL BE USED STRICTLY AT THE RECIPIENT'S RISK. THE ENGINEERING DRAWINGS SHOW STRUCTURAL AND CIVIL INTENT ONLY. DIMENSION AND SETOUT SHALL BE STRICTLY IN ACCORDANCE WITH THE ARCHITECTURAL DOCUMENTS.
G11	CONSTRUCTION SHALL NOT COMMENCE UNTIL BUILDING APPROVAL HAS BEEN RECEIVED FROM THE RELEVANT AUTHORITIES.

DESIGN CRITERIA - (TABLE G1)

<b>GENERAL:</b>	
- IMPORTANCE LEVEL:	2
- ANNUAL PROBABILITY OF EXCEEDANCE:	1:500 (WIND) 1:500 (EARTHQUAKE)
<b>IMPOSED LOADS:</b>	
- GENERAL:	3.0 kPa
<b>WIND LOADS:</b>	
- TERRAIN CATEGORY:	2
- REGIONAL GUST WIND SPEED (Vr(500)):	45 m/s
- DIRECTIONAL MULTIPLIER (Kd):	1
- TERRAIN/HEIGHT MULTIPLIER (Kz CAT):	varies
- SHIELDING MULTIPLIER (Ms):	1
- TOPOGRAPHIC MULTIPLIER (Mt):	1
<b>EARTHQUAKE LOADS:</b>	
- SITE SUB-SOIL CLASS:	De
- HAZARD FACTOR (Z):	0.1
- PROBABILITY FACTOR (Ip):	1
- EARTHQUAKE DESIGN CATEGORY:	2

CONCRETE NOTES

C1	ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH AS3600, THE SPECIFICATION AND THE DRAWINGS.
C2	THE BUILDER SHALL CO-ORDINATE WITH ALL TRADES TO ENSURE THAT PROVISION IS MADE FOR ALL NECESSARY REBATES OR OPENINGS IN CONCRETE, AND CASTING IN OF CONDUITS, WHETHER OR NOT SPECIFICALLY DETAILED ON THE DRAWINGS.
C3	CLEAR CONCRETE COVER TO REINFORCEMENT FOR CONCRETE ELEMENTS SHALL BE AS PER TABLE C1.
C4	REQUIRED SURFACE FINISH AND CLASS OF FORMWORK FOR CONCRETE SHALL CONFORM WITH TABLE C2 UNLESS OTHERWISE INSTRUCTED BY WGA OR THE ARCHITECT.
C5	SCHEDULE OF CONCRETE PROPERTIES TO BE USED FOR THE PARTICULAR SECTION OF WORK SHALL BE AS PER TABLE C3 UNLESS OTHERWISE INSTRUCTED BY WGA....
C6	ALL REINFORCEMENT IN SLABS AND BEAMS SHALL BE SUPPORTED ON INERT CHAIRS TO GIVE THE REQUIRED COVER. SPACING OF THE CHAIRS TO SLAB REINFORCEMENT SHALL NOT EXCEED 800mm IN EACH DIRECTION.
C7	WGA SHALL BE GIVEN MINIMUM NOTICE OF 1 WORKING DAY PRIOR TO ALL REQUIRED INSPECTIONS.
C8	ALL CONCRETE IN CONTACT WITH GROUND SHALL BE POURED ON A 0.2mm DAMP PROOF MEMBRANE U.N.O.
C9	ALL CONCRETE SHALL BE CURED FOR A MINIMUM OF 7 DAYS AFTER POURING BY COVERING WITH A PVC MEMBRANE WEIGHED DOWN TO PREVENT AIR FLOW BENEATH IT. IF CURING COMPOUNDS ARE TO BE USED THE CONTRACTOR IS TO SUBMIT DETAILS FOR WGA'S APPROVAL PRIOR TO USE.
C10	MINIMUM LAPS FOR REINFORCEMENT SHALL BE AS PER TABLE C4.
C11	ALL BAR CRANKS TO BE NO GREATER THAN 1 in 6 U.N.O.
C12	TEMPLATES SHALL BE USED FOR STARTER BARS TO COLUMNS AND H.D. BOLTS. ALL TEMPLATES TO BE SECURED TO FORMWORK.
C13	REINFORCEMENT GRADE SHALL BE AS PER TABLE C5.
C14	IF PLACING IN SEVERE WEATHER FOR LARGE FLAT AREAS OF CONCRETE, EXCEEDING 15m² IN AREA, WHEN: ●THE AIR TEMPERATURE > 20° AND THE FORECAST WIND SPEED > 40km/hr OR ●THE AIR TEMPERATURE > 25° AND THE FORECAST WIND SPEED > 25km/hr OR ●THE AIR TEMPERATURE > 30° AND THE FORECAST WIND SPEED > 15km/hr PROVIDE A WORK METHOD STATEMENT FOR APPROVAL WHICH INCLUDES THE PREDICTED EVAPORATION RATE (IN ACCORDANCE WITH THE CEMENT, CONCRETE AND AGGREGATES AUSTRALIA 'DATASHEET FOR HOT WEATHER CONCRETING') AND METHODOLOGY FOR LIMITING THE EVAPORATION RATE. STATEMENT TO BE PROVIDED TO WGA A MINIMUM OF 14 DAYS BEFORE FIRST CONCRETE POUR. POURING WILL NOT BE PERMITTED WHERE THE PREDICTED EVAPORATION RATE IS GREATER THAN 1.0kg/m²/hr.
C15	SIZES OF CONCRETE ELEMENTS DO NOT INCLUDE THICKNESS OF ANY APPLIED FINISHES.
C16	FORMS SHALL BE CHAMFERED FOR RE-ENTRANT ANGLES AND FILLETED FOR CORNERS, WHERE THESE WILL BE EXPOSED TO VIEW IN THE COMPLETED PROJECT THE FACE OF THE BEVEL IN EACH CASE SHALL BE 20mm WIDE U.N.O. REFER ARCHITECT.
C17	REINFORCEMENT SHALL BE DISTRIBUTED OVER THE EXTENT INDICATED ON THE DRAWINGS U.N.O. DISTRIBUTION REINFORCEMENT (IE: AT RIGHT ANGLES TO MAIN REINFORCEMENT) SHALL BE IN ACCORDANCE WITH TABLE C6. U.N.O. ON PLANS.
C18	THE MINIMUM CLEAR SPACING BETWEEN CONDUITS, CABLES, PIPES AND BARS SHALL BE AS REQUIRED BY AS3600 BUT NOT LESS THAN THREE DIAMETERS U.N.O.
C19	TYPICAL REINFORCEMENT NOTATION: 23N24-200 BF 23 - DENOTES NUMBER OF BARS REQUIRED N - DENOTES GRADE OF REINFORCEMENT...
C20	ALL CONSTRUCTION POUR JOINTS TO BE SCABBLED AND CLEANED UNLESS NOTED OTHERWISE.
C21	ALL CONCRETE SHALL BE MECHANICALLY VIBRATED.
C22	ALL BEAM DEPTHS INCLUDE THE THICKNESS OF THE SLAB, IF ANY.

COVER (mm) - (TABLE C1)

LOCATION	TOP	BOTTOM	SIDE EXTERNAL	SIDE INTERNAL
SLAB INTERNAL	25	40	-	-
SLAB EXTERNAL	40	40	-	-
RAFT FOOTING BEAMS PAD FOOTINGS	45	50	50	50

SURFACE FINISH - (TABLE C2)

LOCATION	SURFACE	TYPE OF FINISH	CLASS OF FORMWORK
FLOOR SLABS	TOP FACE	WOOD FLOAT FOR TILED AREAS STEEL FLOAT FOR VINYL AND CARPETED AREAS (REFER ARCHITECT) BROOM FINISH FOR EXPOSED AREAS	-
FOOTING	SIDE FACE	OFF-FORM	2

CONCRETE PROPERTIES - (TABLE C3)

LOCATION	GRADE (MPa)	MAX. AGGREGATE (mm)	SLUMP
FOOTINGS SLABS ON GROUND	N25	20	80±15

BAR LAPS - (TABLE C4)

BAR SIZE	LAP
N12	600mm
N16	800mm
N20	1000mm
N24	1300mm
N28	1600mm
N32	1900mm
FABRIC	2 CROSS WIRES + 25mm

REINFORCEMENT - (TABLE C5)

AS4671 DESIGNATION	WGA DESIGNATION	YIELD STRENGTH	DUCTILITY CLASS	BAR DESCRIPTION
D500N_	N_	500	N	HOT ROLLED DEFORMED REBAR
R250N_	R_	250	N	HOT ROLLED PLAIN ROUND BARD
D250N_	S_	250	N	HOT ROLLED DEFORMED REBAR
D500L_	RW_	500	L	COLD ROLLED RIBBED WIRE
R500L_	W_ & L_	500	L	COLD - DRAWN ROUND WIRE
D500RL D500SL	SL_ RL_ L_ TM_	500	L	COLD ROLLED RIBBED WIRE

ALL REINFORCEMENT SHALL BE MANUFACTURED BY COMPANIES ACCREDITED TO AS9001 WHICH HOLD A VALID CERTIFICATE OF APPROVAL ISSUED BY THE AUSTRALIAN CERTIFICATION AUTHORITY FOR REINFORCING AND STRUCTURAL STEELS (ACRS). EVIDENCE OF COMPLIANCE MUST BE SUBMITTED PRIOR TO COMMENCEMENT ON SITE.

DISTRIBUTION REINFORCEMENT - (TABLE C6)

SLAB THICKNESS	DISTRIBUTION REINFORCEMENT
UP TO 130mm	N12-225
130-170mm	N12-175
170-210mm	N12-150
210-260mm	N16-200
260-350mm	N16-150

REINFORCEMENT NOTATION - (TABLE C7)

ABBREVIATIONS	DENOTES
B, BF, BB, B1	BOTTOM MOST BOTTOM BARS / BOTTOM BARS PLACED FIRST
BU, B2	BOTTOM BARS / BOTTOM BARS PLACED SECOND
EW	EACH WAY
EF	BARS IN EACH FACE
SF	BARS IN SIDE FACE
NF	BARS IN NEAR FACE
FF	BARS IN FAR FACE
NSOP	NOT SHOWN ON PLAN
T, TF, TT, T2	TOP MOST TOP BARS / TOP BARS PLACED FIRST
TU, T2	TOP BARS / TOP BARS PLACED SECOND
CENT	BARS PLACED CENTRALLY
ABR	ALTERNATE BARS REVERSED
ALT	BARS ALTERNATING
STAG	BARS STAGGERED
HORIZ	HORIZONTAL BARS
VERT	VERTICAL BARS
MAX	MAXIMUM
MIN	MINIMUM
CTS	AT CENTRES (SPACING)
TYP	TYPICAL

STEELWORK NOTES

S1	ALL WORKMANSHIP AND MATERIALS INCLUDING THE SUPPLY, FABRICATION, TOLERANCES AND ERECTION SHALL CONFORM WITH THE SPECIFICATION, AS4100, AS5131 AND OTHER RELEVANT CODES. ALL WORKS TO THIS PROJECT SHALL BE UNDERTAKEN BY COMPETENT PERSONNEL. REFER TO AS5131 FOR REQUIRED QUALIFICATIONS OF COMPETENT PERSONNEL.
S2	ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH DETAILS PROVIDED ON THE DRAWINGS UNLESS OTHERWISE DIRECTED BY WGA.
S3	ALL CONNECTIONS TO OPEN SECTIONS SHALL CONFORM WITH THE AUSTRALIAN STEEL INSTITUTE CONNECTION SERIES UNLESS DETAILLED OTHERWISE. ALL OTHER CONNECTIONS AND JOINTS SHALL BE AS DETAILED. WHERE NOT DETAILED, OBTAIN ADVICE FROM WGA.
S4	ALL WELDING SHALL CONFORM WITH THE REQUIREMENTS OF AS1554 AND AS5131. (REFER TABLE S1).
S5	THE MINIMUM CONNECTION BETWEEN 2 STRUCTURAL MEMBERS SHALL BE 2-M20 8.8/S BOLTS AND THE MINIMUM CLEAT SHALL BE 10mm PLATE U.N.O. THE MINIMUM CONNECTION BETWEEN A STRUCTURAL MEMBER AND A COLD FORMED PURLIN OR GIRT SHALL BE MINIMUM 8 THICK PLATE & 2-M12 4.6/S BOLTS (MAXIMUM CLEAT LENGTH FROM TOP OF SUPPORT TO UNDERSIDE OF PURLIN/GIRT = 150mm) U.N.O.
S6	THE MINIMUM CONNECTION BETWEEN WELDED MEMBERS SHALL BE A 6mm CONTINUOUS FILLET WELD ALL AROUND (U.N.O.).
S7	ALL HOLLOW SECTIONS TO BE FULLY SEALED, UNLESS NOTED OTHERWISE. PROVIDE BLOW HOLES TO GALVANISED HOLLOW SECTIONS.
S8	SURFACE PREPARATION AND PRIMING OF SURFACES SHALL CONFORM WITH TABLE S2.
S9	AFTER TIGHTENING, EXPOSED FACES OF NUTS, BOLTS AND WASHERS SHALL BE PREPARED AND COATED AS SPECIFIED FOR ADJACENT STEELWORK.
S10	ALL BOLTS TO BE GRADE 8.8/S U.N.O. STUD BOLTS (WELDED) SHALL BE GRADE 4.6/S. HOLDING DOWN BOLTS SHALL BE GRADE 4.6/S H.D. GALV. U.N.O.  BOLT TYPES: 4.6/S - COMMERCIAL BOLTS TO AS1111, SNUG TIGHTENED. CONDITION TO AS5131. 8.8/S - HIGH STRENGTH STRUCTURAL BOLTS, WITH BOLTS, NUTS AND HARDENED WASHERS TO AS1252. SNUG TIGHTENED TO AS5131. 8.8/8 - HIGH STRENGTH STRUCTURAL BOLTS AS ABOVE, FULLY TENSIONED TO AS5131 IN A BEARING TYPE JOINT. 8.8/TF - HIGH STRENGTH STRUCTURAL BOLTS AS ABOVE, FULLY TENSIONED TO AS5131 IN A FRICTION TYPE JOINT AND U.N.O. WITH FACING SURFACES LEFT UNCOATED. FULLY TENSIONED BOLTS TO BE COMPLETED BY PART-TURN METHOD OR USE SUITABLE LOAD INDICATING WASHERS AS PER AS5131. HIGH STRENGTH STRUCTURAL BOLTS SHALL BE VERIFIED TO AS1252. THE DOCUMENTATION REQUIRED BY THE STANDARD, INCLUDING THE 'SUPPLIER DECLARATION OF CONFORMITY' (SDOC) SHALL BE PROVIDED.
S11	THE BUILDER SHALL SUBMIT COPIES OF ALL SHOP FABRICATION DRAWINGS TO WGA FOR APPROVAL. FABRICATION MAY NOT COMMENCE UNTIL WGA HAVE APPROVED THE SHOP DRAWINGS. WGA WILL REQUIRE A MINIMUM OF 7 WORKING DAYS TO REVIEW SHOP DRAWINGS U.N.O.
S12	ALL PROPRIETARY CLASS 8.8 BOLTS, CLASS 8 NUTS, AND ASSOCIATED WASHERS SHALL COMPLY WITH AS/NZS 1252.  THE FABRICATOR SHALL PROVIDE WGA WITH BOTH A MANUFACTURER'S TEST CERTIFICATE PREPARED BY AN ACCREDITED TESTING ORGANISATION IN THE COUNTRY OF MANUFACTURE, TOGETHER WITH A CERTIFICATE OF COMPLIANCE PREPARED BY AN INDEPENDENT NATA-ACCREDITED TESTING LABORATORY VERIFYING COMPLIANCE OF EACH BATCH OF BOLTS TO THE ABOVE AUSTRALIAN STANDARD.  THE CERTIFICATE OF COMPLIANCE MUST BE FULLY TRACEABLE TO INDIVIDUAL BATCHES OF BOLTS, AND ADDRESS CHEMICAL, MECHANICAL, AND DIMENSIONAL COMPLIANCE.  ANY BOLTS NOT MEETING THE REQUIREMENTS OF AS/NZS 1252 WILL BE REJECTED. BOLTS NOT POSSESSING BOTH A MANUFACTURER'S TEST CERTIFICATE AND CERTIFICATE OF COMPLIANCE WITH AS/NZS 1252 WILL BE REJECTED.

WELDING REQUIREMENTS - (TABLE S1)

TYPE	MINIMUM REQUIREMENTS	TESTING REQUIREMENTS
SHOP BUTT WELDS	FULL PENETRATION BUTT WELD (F.P.B.W.) TO AS1554 U.N.O.	100% -VISUAL SCAN 50% -VISUAL EXAMINATION 5% -ULTRASONICALLY AND MAGNETIC PARTICLE TESTED
SHOP FILLET WELDS	MINIMUM 6mm C.F.W. E49XX CATEGORY SP U.N.O.	100% -VISUAL SCAN 25% -VISUAL EXAMINATION 5% -MAGNETIC PARTICLE TESTED
SITE BUTT WELDS	FULL PENETRATION BUTT WELD (F.P.B.W.) TO AS1554 U.N.O.	100% -VISUAL EXAMINATION 25% -ULTRASONICALLY AND MAGNETIC PARTICLE TESTED
SITE FILLET WELDS	MINIMUM 6mm C.F.W. E49XX CATEGORY SP U.N.O.	100% -VISUAL SCAN 50% -VISUAL EXAMINATION 10% -MAGNETIC PARTICLE TESTED

SURFACE PREPARATION REQUIREMENTS - (TABLE S2)

TYPE	SURFACE PREPARATION	ANTI-CORROSION COATING
ALL CONCEALED STEELWORK	GRIT BLAST TO CLASS 2.0 OF AS1627	ROZP TO 50 MICRONS DFT, REFER SPECIFICATION
NUTS, BOLTS, WASHERS	CHEMICAL	HOT DIP GALVANISED
SITE WELDS	POWER WIRE BRUSH	2 COATS OF DULUX ZINCANODE 202 OR APPROVED EQUIVALENT
ALL INTERNAL EXPOSED STEELWORK	GRIT BLAST TO CLASS 2.5 OF AS1627	INORGANIC ZINC SILICATE TO 75 MICRONS DFT. REFER SPECIFICATION
ALL EXTERNAL EXPOSED STEELWORK	CHEMICAL	HOT DIPPED GALV. REFER SPECIFICATION

CONSTRUCTION CATEGORY - (TABLE S3)

ELEMENTS	IMPORTANCE LEVEL	SERVICE CATEGORY	FABRICATION CATEGORY	CONSTRUCTION CATEGORY
ALL STRUCTURAL STEELWORK U.N.O	2	SC1	FC1	CC2

STEELWORK NOTES

S13	ALL ROLLED STEELWORK SECTIONS SHALL BE GRADE 300 PLUS IN ACCORDANCE WITH AS3678/3679 - PART 1, OR IN SPECIFICATION U.N.O. ALL HOLLOW SECTIONS SHALL BE GRADE C350 IN ACCORDANCE WITH AS1163 OR THE SPECIFICATION. ANY STEELWORK SOURCED FROM MILLS LOCATED OUTSIDE AUSTRALIA ARE TO BE PROVIDED WITH CERTIFICATES PROVING ABOVE REQUIREMENTS VERIFIED BY NATA REGISTERED ORGANISATIONS.
S14	ALL PLATE WORK (EXAMPLE: CLEATS) TO BE GRADE 250 TO AS3678 OR THE SPECIFICATION U.N.O.
S15	OBTAIN WGA APPROVAL TO SUSPEND SERVICES AND/OR DRILL HOLES IN STEELWORK. GENERALLY, CEILINGS, A/C DUCTS AND PIPES NOT LARGER THAN 50MM DIA MAY BE SUSPENDED FROM PURLIN WEBS (NOT FLANGES). OTHER SERVICES AND LARGER PIPES ARE TO BE SUSPENDED FROM STEEL BEAMS OR TRUSS PANEL POINTS USING WELDED CLEATS OR SUITABLE PROPRIETARY CLAMPS.
S16	WHERE BEAMS ARE FIXED TO PRECAST PANELS, ALL BEAMS LARGER THAN 300mm IN DEPTH ARE TO HAVE THE FIXING CLEAT FULLY SITE WELDED TO BOTH THE CAST IN PLATE AND THE BEAM (IN CONJUNCTION WITH THE BOLTS SPECIFIED).
S17	ALL STEELWORK BELOW GROUND/PAVING LEVEL TO BE PROTECTED BY DENSO WRAP OR 3 COATS OF BITUMEN PAINT TO 50mm NOM ABOVE GROUND/PAVING LEVELS.
S18	ALL 'C' AND 'Z' LIGHT GAUGE MEMBERS ARE TO BE LYSAGHT, STRAMMIT, OR APPROVED EQUIVALENT.
S19	PROVIDE ALL CLEATS AND HOLES FOR FIXING NON-STRUCTURAL ELEMENTS TO STEELWORK WHETHER SHOWN ON THE STRUCTURAL DRAWINGS OR NOT. REFER ARCHITECTURAL DRAWINGS FOR ADDITIONAL NON-STRUCTURAL STEELWORK.
S20	WHERE SITE WELDING HAS TAKEN PLACE, APPLY 2 COATS OF TWO PACK ZINC RICH EPOXY PRIMER (DULUX ZINCANODE OR SIMILAR APPROVED).
S21	ALL STEELWORK FABRICATION SHALL BE CARRIED OUT BY COMPANIES CERTIFIED IN ACCORDANCE WITH THE NATIONAL STRUCTURAL STEELWORK COMPLIANCE SCHEME. (REFER <a href="http://www.acrs.net.au">http://www.acrs.net.au</a> ).
S22	IN ACCORDANCE WITH THE REQUIREMENTS OF AS/NZS5131 THE CONSTRUCTION CATEGORIES FOR THIS PROJECT ARE DEFINED IN THE TABLE. (REFER TABLE S3).
S23	ARCHITECTURALLY EXPOSED STRUCTURAL STEEL (AESS) SHALL CONFORM TO THE REQUIREMENTS OF AS5131.
S24	LIGHT GAUGE STEEL MEMBERS, COMPRISING PURLINS, GIRTS AND STRUCTURAL DECKING, SHALL CONFORM TO THE REQUIREMENTS OF AS5131.
S25	THE STRUCTURAL STEELWORK ERECTOR SHALL BE RESPONSIBLE FOR TEMPORARY STABILITY DURING ERECTION. THE STRUCTURAL STEELWORK ERECTOR SHALL PROVIDE AND LEAVE IN PLACE UNTIL PERMANENT BRACING ELEMENTS ARE CONSTRUCTED, SUCH TEMPORARY BRACING AS IS NECESSARY TO SECURELY STABILISE THE STRUCTURE DURING ERECTION.
S26	WHERE STEEL ELEMENTS SHOWN ON THE STRUCTURAL OR ARCHITECTURAL DRAWINGS ARE REQUIRED TO BE CURVED, BENT OT ROLLED, THE FABRICATION CONTRACTOR SHALL BE RESPONSIBLE FOR THE METHODS TO ACHIEVE THE REQUIRED SHAPES WITHOUT LOCALISED DISTORTION OR COMPROMISING THE STRENGTH OF THE MEMBERS.
S27	ALL STRUCTURAL STEEL, ASSOCIATED COMPONENTS AND WELDING CONSUMABLES SHALL BE MANUFACTURED BY COMPANIES ACCREDITED TO AS9001 WHICH HOLD A VALID CERTIFICATE OF APPROVAL ISSUED BY THE AUSTRALIAN CERTIFICATION AUTHORITY FOR REINFORCING AND STRUCTURAL STEELS (ACRS). REFER <a href="http://www.acrs.net.au">http://www.acrs.net.au</a> . EVIDENCE OF COMPLIANCE WITH THIS CLAUSE MUST BE SUBMITTED PRIOR TO COMMENCEMENT ON SITE.

ISSUED FOR APPROVAL  
NOT FOR CONSTRUCTION

REV.	DATE	DESCRIPTION	DRAFT	ENG.	CHKD.
A	12.04.19	ISSUED FOR APPROVAL	RB	MV	SDF



60 Wyatt Street, Adelaide  
South Australia 5000  
Telephone 08 8223 7433  
Email [adelaide@wga.com.au](mailto:adelaide@wga.com.au)

PROPOSED OFFICE BUILDING

LOT 10 INGLIS CIRCUIT,  
GILMAN. SA.

NOTES SHEET

A1		DOCUMENT NUMBER			
		Job Number		Sheet No.	Rev.
Design	Drawn				
MV	RB	WGA181442-DR-ST-0001		A	

