APPENDIX A - PLANS





TEYS AUSTRALIA WAGGA WAGGA BOMEN NSW PLANT NEW CATTLE YARDS 23 - 15492



DRAWING LIST

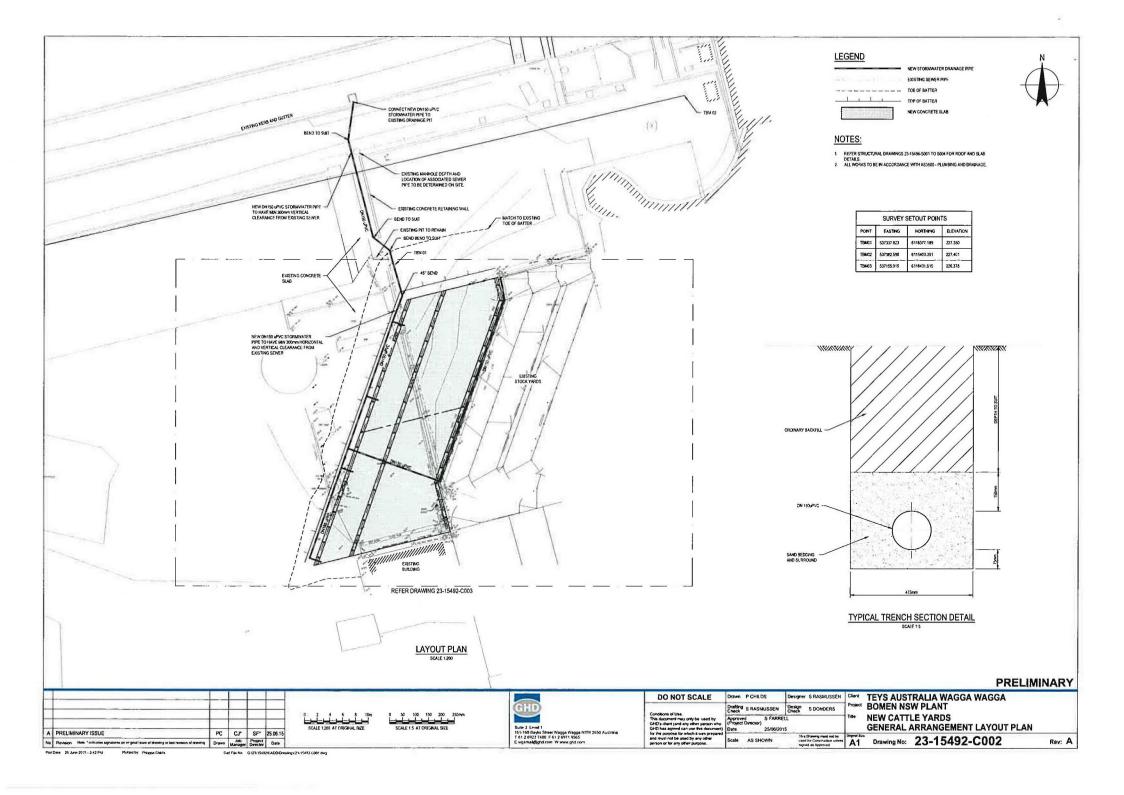
DRG No. DRAWING TITLE 23-15492-C001 LOCALITY PLANT 23-15492-C002 GENERAL ARRANGEMENT LAYOUT PLAN 23-15492-C003 NEW SLAB AND STORMWATER DRAINAGE LAYOUT 23-15492-C004 TYPICAL SECTIONS AND DETAILS 23-15492-\$001 GENERAL NOTES 23-15492-5002 CONCRETE FLOOR SLAB PLAN 23-15492-5003 ROOF STEELWORK PLAN + LIGHTING LAYOUT 23-15492-5004 STEELWORK ELEVATIONS 23-15492-\$005 CONCRETE FLOOR SLAB DETAILS ROOF STEELWORK DETAILS 23-15492-5006

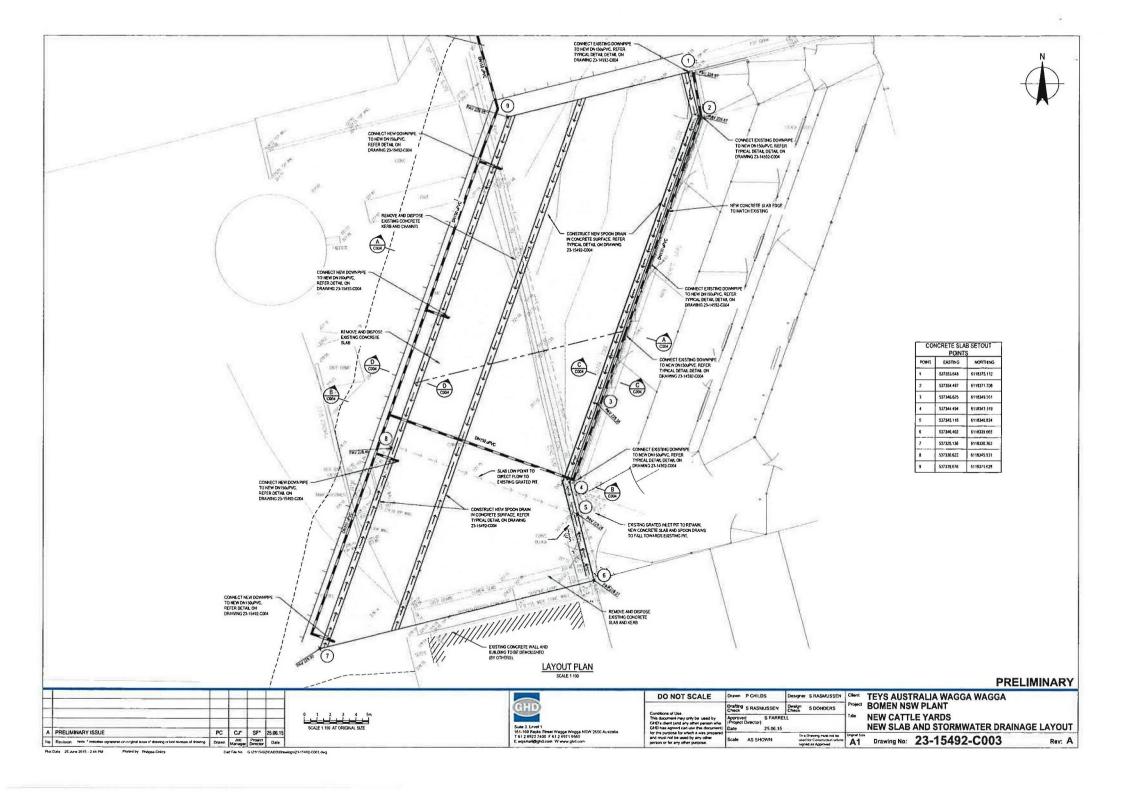
PRELIMINARY

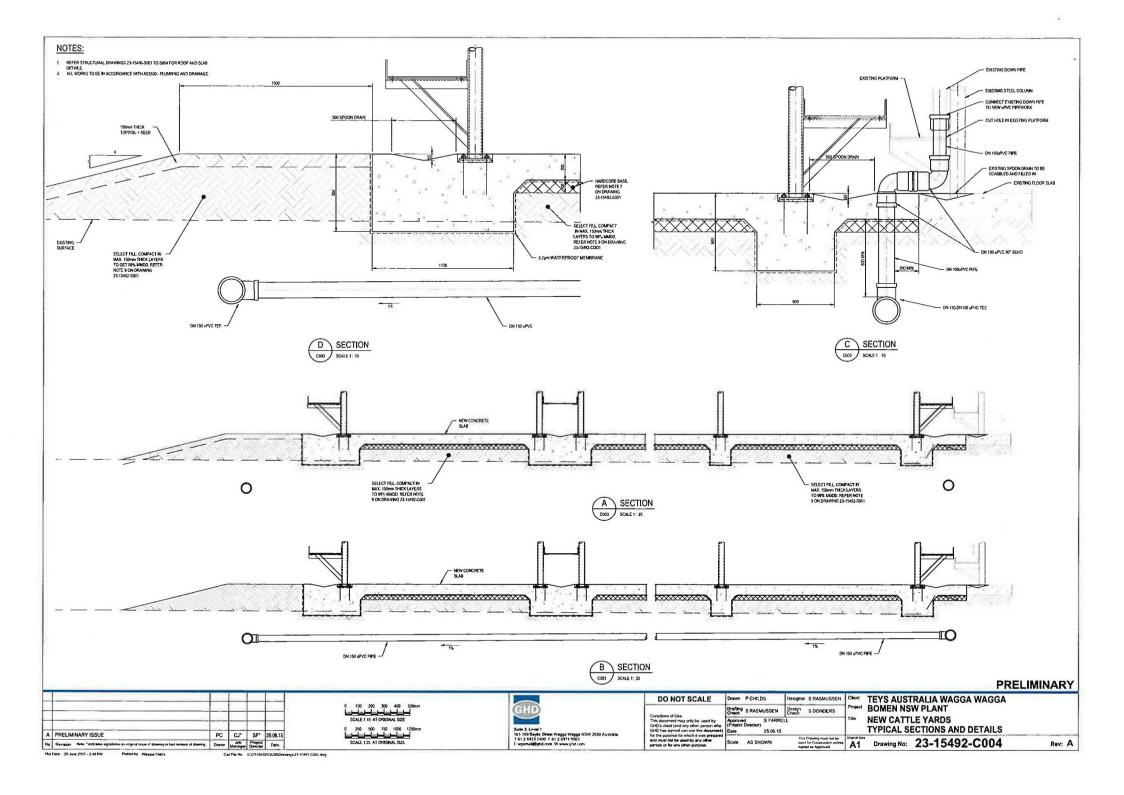




DO NOT SCALE	Drawn P CHILDS	Designer S RASMUSSEN	Client	TEYS AUST	RALIA WAGGA WAGGA	
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for the purpose for which it was prepared and must not be used by any other person or for any other purpose	Scale AS SHOWN	This Drawing must not be used for Construction unless signed as Approved	A1	Drawing No:	23-15492-C001	Rev: A







GENERAL

ALL MATERIALS AND WORKMANSHIP TO BE IN ACCORDANCE WITH THE RELEVANT AND CURRENT

ALL MATERIALS AND WORKMANSHIP TO BE IN ACCORDANCE WITH THE RELEVANT AND DESCRIPTION IN

- ALL MATERIALS AND WORKMANSHIP TO BE IN ALCORDANCE WITH THE RELEVANT BUILDING AUTHORITIES.

 SETTING OUT DIMENSIONS AND SYDES OF STRUCTURAL MEMBERS NOT TO BE OBTAINED BY SCALING THE CTORECTION CONTINUES AND SECTION OF THE PROPERTY OF THE CONTINUES. THE STRUCTURAL DRAWINGS, ANY SETTIMG-OUT DIRENSIONS SHOWN IN THE STRUCTURE DRAWINGS TO BE CHECKED BY THE CONTRACTOR BEFORE CONSTRUCTION COMMENCES. REFER ANY DISCREPANCY TO THE DESIGNER REFORE PROCEEDING WITH THE WORK.
- NEVER ANY DISCREPANCY TO THE DESIGNER BEFORE PROCEEDING WITH THE WORK.

 DURING CONSTRUCTION IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT THE STRUCTURE IS MAINTAINED IN A SAFE AND STABLE CONDITION AND NO PART IS OVERSTRESSED. IS MAINTAINED IN A SAFE AND STABLE CONDITION AND NO PART IS OVERSTRESSED. TEMPORARY BROUNDS IN BEHAVIOUR BY THE CONTROLTOR AS REQUIRED TO REP THE WORKS AND EXCAVATIONS STABLE AT ALL TIMES.

 UNBESS MOTED OTHERWISE ALL LEVELS ARE IN METERS AND ALL DIMENSIONS ARE IN MILL DIMENSIONS ARE IN MILL DIMENSIONS.
- THE STRUCTURAL COMPONENTS DETAILED ON THESE DRAWINGS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE RELEVANTS A A CODES AND BUILDING CODE OF AUSTRALIA FOR

ELEMENT	LIVE LOAD (kPa
CONCRETE FLOOR SLAB	5.0
NON TRAFFICABLE ROOF	0.25
WALKWAYS	2.5

WARD LOADING HAS BEEN DETERMINED IN ACCORDANCE WITH AS 1170.2 BASED UPON A BASIC WIND VELOCITY OF 46 Ms (VR) AND TERRAIN CATEGORY 3.

CARTHOLISM LOADING WAS BEEN DETERMINED BY ACCORDANCE WITH AC AND A

- ALL MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE CURRENT CODES OF PRACTICE EXCEPT WHERE VARIED BY THE SPECIFICATION AND/OR DRAWINGS.
- AS 3600 CONCRETE STRUCTURES CODE
 AS 4671 STEEL REINFORCING MATERIALS
- AS 4100 STEEL STRUCTURES CODE
 AS 1163 STRUCTURAL STEEL HOLLOW SECTIONS
- AS 1554 (PART 1.) WELDING OF STEEL STRUCTURES

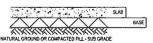
- AS 1289 METHODS OF TESTING SOILS FOR ENGINEERING PURPOSES
 AS 3700 MASONRY CODE
- AS 3700 MASONRY CODE
 AS 3798 GUIDELINES FOR EARTHWORKS FOR COMMERCIAL AND RESIDENTIAL DEVELOPMENTS
 AS 3610 FORMWORK FOR CONCRETE

FOUNDATIONS

- FOOTBINGS HAVE REEN DESIGNED FOR AN ALLOWARI E REARING INTENSITY OF 100 kpa FOUNDATION MATERIAL TO BE APPROVED FOR THIS PRESSURE BY THE CONTRACTOR'S INDEPENDENT
 GEOTECHNICAL ENGINEER BEFORE REMEDIACREENT AND OR CONCRETE ARE PLACED.
- FOOTBACE TO BE LOCATED CENTRALLY INDER WALLS AND COVERNIC LINES
- RETAINING WALLS (OTHER THAN CANTILEVER WALLS) NOT TO BE BACKFILLED UNTIL FLOOR CONCEDITION AT THE AND BOTTOMAR COMIDITED. ENGINE EDEE DEADING DARVEN IN LICEN AND DRAINAGE IS IN PLACE. CANTILEVER WALLS TO BE BACKFILLED ONLY AFTER MINIMUM
- CONCRETE STRENGTH IS ACHIEVED BUNDING CONCRETE TO BE PLACED ON THE SAME DAY AS THE FINAL EXCAVATION TO THE FOUNDATION DESIGN I FUEL
- FOOTING LEVELS, WHERE SHOWN, ARE ESTIMATES ONLY AND WILL BE ESTABLISHED DURING
- UNLESS OTHERWISE APPROVED BY THE SUPERINTENDENT/ENGINEER THE LIMITATIONS OF EYCAVATIONS NEAD FOOTINGS SHALL BE AS FOLLOWS:



7. SUB GRADE AND SUB BASE FOR SLABS ON GROUND SHALL COMPLY WITH THE FOLLOWING-



SUB-SHOULD

WINTESS OTHERMISE SPECIFIED THE SUB-GRADE BELOW BASE COURSES FOR SLABS SHALL BE
SUITABLE MATERIAL COMPACTED TO 95% OF MAXIMUM DRY DENSITY DETERMINED BY TEST
AS 1289-E 7 LOP 85% MINIMUM DENSITY MOPEX FOR CORESIONE RSS SOLS.

SASE TASE SHALL BE APPROVED WELL GRADED NATURAL GRAVEL OR CRUSHED ROCK (MAX. SIZE 40mm) SPREAD AND COMPACTED TO 98'S OF MAXIMAND MRY DESIZED OF TERMINED BY TEST AS 1286 E 21 OR 80'S NATURAL OR DESITY NINDEX FOR COMESIONLESS SOILS,

ALL FREE DRAINING GRANULAR FILL MATERIAL BEHIND RETAINING WALLS SHALL BE OF STRONG DURABLE PARTICLES CONFORMING TO THE FOLLOWING GRADINGS:

AS SIEVE SIZE % PASSING

5 WHERE SELECT FILL IS SHOWN ON THE FRANKINGS, FILL SHALL COMPLY WITH THE FOLLOWINGIS COMPLETED TO SECULAR TO AND EXISTING FILL

1 FLANCE FILL IN MALE AND EXISTING FILL

1 FLANCE FILL IN MALE SHOPEL AND EXISTING FILL

1 FLIL TO COMPLY WITH
1

CONCRETE

ALL WINDSHIP AND MATERIALS TO BE IN ACCORDANCE WITH A S.3600 AND THE CONCRETE SPECIFICATION.

RETE QUALITY -	24			T
ELEMENT	SLUMP	MAX, SIZE AGGREGATE	CEMENT	CONCRETE GRADE
FLOOR SLAB & BEAMS	60	20	GP	32 MPa
MASS CONCRETE	80	20	GP	15 MPa

MIN, CEMENT CONTENT = 270kg/m² MAX, W/C RATIO = 0.5

PROJECT CONTROL TESTING TO BE CARRIED OUT IN ACCORDANCE WITH A \$ 3600

- NO ADMOSTRIBLES TO BE HISED IN CONCRETE UNIT PSS APPROVED IN WRITING CONCRETE DIMENSIONS SHOWN DO NOT INCLUDE THICKNESSES OF APPLIED SIMSHES.
- DEDTUG OF DELIVE ADD CAREN STORT AND INCLUDE STAR THEORYGES LIN O
- ALL EXPOSED EDGES AND CORNERS TO BE PROVIDED WITH 25mm FILLETS OR CHAMFERS.
- HARLET AND COOKED TO DESIGN OF THE TAX THE CONTRACT OF THE CON MAINTAIN COVER TO REINFORCEMENT AT THESE DE FALS UNLESS OF HERMISE INDICATED.

 NO HOLES, CHASES OR EMBEDMENT OF PIPES OTHER THAN THOSE SHOWN ON THE STRUCTURAL.

 DRAMMINGS TO BE MADE IN CONCRETE MEMBERS WITHOUT THE PRIOR WRITTEN APPROVAL OF THE
- AUTHORISED PERSON.

 CONSTRUCTION JOINTS WHERE NOT SHOWN TO BE LOCATED TO THE APPROVAL OF THE AUTHORISED PERSON FOR APPROVAL

 AUTHORISED PERSON FOR APPROVAL
- THE FINISHED CONCRETE TO BE A DENSE HOMOGENEOUS MASS, COMPLETELY FILLING THE FORMWORK THOROUGHLY EMBEDDING THE REINFORCEMENT AND FREE OF STONE POCKETS. ALL CONCRETE INCLUDING STARS ON CROCKING AND SOCIETIES TO BE CONDUCTED WITH MECHANICAL MEDITIOS
- CURING OF ALL CONCRETE TO BE ACHIEVED BY KEEPING SURFACES CONTINUOUSLY WET FOR A DEDICTOR OF A DAYS, AND DEDICATION OF LOSS OF MOISTING FOR A TOTAL OF 7 DAYS FOLLOWED BY A GRADUAL DRYING OUT. APPROVED SPRAYED OR CURING COMPOUNDS MAY BE HISFO WARDE COMPATRIEF WITH FLOOR FINISHES. POLYTHENE SHEETING OR WET HESSIAN MAY BE
- USED IF PROTECTED FROM WIND AND TRAFFIC.

 CONSTRUCTION SUPPORT PROPRIET TO BE LEFT IN PLACE WHERE NEEDED TO AVOID OVERSTRESSING.
- THE STRUCTURE DUE TO CONSTRUCTION LOADING.

 12. CONDUITS, PIPES ETC, ONLY TO BE LOCATED AS SHOWN IN THE DRAWINGS OR AS APPROVED.
- 12 CONDUINT, PIPES LO, ONLY TO BE LOCATED AS SHOWN IN THE DRAWMINGS ON AS APPROVED BY THE AUTHORISED PERSON.
 13. ALL FORMANDER AND PROPPING UNDER SUSPENDED CONCRETE WORKS SHALL BE REMOVED BEFORE ANY MASCARTY WORK IS BUILT ABOVE.

 14. CAUBERS UNLESS MOTED OTHERWISE ON THE DRAWMINGS AND EXCEPT FOR PRESTRESSED WORK SHALL. RE PROMOED IN REAMS AND SLARS AS FOLLOWS.

B SPANS - 0 002 x SPAN

III CANTILEYERS -0.004 I CANTILEYER LENGTH
CAMBERS SHALL BE CHECKED BEFORE AND A FIER DEMONTHOR TO DETERMINE THE DEFLECTION OF
CAMBERS SHALL BE CHECKED BEFORE AND A FIER DEMONTHOR TO DEFLECT HIS FORWARDER STEETS
FOR THE STRUCTURAL LICIALISES IT LOVAN'THE SPECIALD CAMBERS OF THE RASIS OF THIS WORMANTON.
THE TOP SURFACE OF A CAMBERED MEMBER SHALL BE FINISHED TO MAINTAIN THE SPECIALD DEPTH OF
THE MEMBER.

THE MEMBER,

PRINAGE

PRINAGE

**MANDAM DRYING SHRINAGE STRAIN MEASURED IN ACCORDANCE WITH AS 1012 PART 13 SHALL NOT EXCED 650. 10 PART 9 MERS, UNDERTHAGE TESTNO (IE SHRINKAGE BAKES TO DEACHSTRATE EXCED 10 NO. 10 PART 9 MEMBERS, UNDERTHAGE TESTNO (IE SHRINKAGE BAKES TO DEACHSTRATE BALL NOT PART 13 SHALL NOT EXCEDENDED WITH AS 3810 AND EXEMPTION FOR FORWARD WITH AS 3810 AND EXEMPTION FOR FORWARD WITH AS 3810 AND EXEMPTION FOR SUSPENDED STRUCTURES ASSUMES.

1. A MANDIANA DOMBED VERTICAL OR PRESENCE OF ROMINORY AND PROPS OF 2 thm UNDER THE VIELDIT OF CONCRETE RESINGERED HAS CONSTRUCTION LIVED WITH EARLIES 18.2.0 F ASSOON.

FORMWORK

1. THE DESIGN CERTIFICATION CONSTRUCTION AND PERFORMANCE OF THE FORMWORK AND FALSEWORK THE DESIGN, CERTIFICATION, CONSTRUCTION AND PERFORMANCE OF THE FORMANCE AND PALSEMONT
IS THE RESPONSIBILITY OF THE SUBCONTRACTOR, DESIGN AND CONSTRUCTION OF FORMANCE TO BE
IN ACCORDANCE WITH A S 3810 UNLESS OTHERWISE APPROVED IN WRITING BY THE DESIGNER.

REINFORCEMENT

OF PAR CONCRETE COVER TO ALL REINFORCEMENT TO BE AS FOLLOWS UNLESS SHOWN OTHERWISE,

ELEMENT	NOT EXPOSED TO WEATHER	COVER(mm) EXPOSED TO WEATHER
FLOOR SLAB	30	30
FOOTING BEAMS	50	. 50
	+	

- 2. ALL REINFORCEMENT TO BE FIRMLY SUPPORTED NOT GREATER THAN I'M CENTRES BOTH WAYS. UNLESS NOTED OTHERWISE, BARS TO BE TIED AT ALTERNATE INTERSECTIONS
 REINFORCEMENT SYMBOLS
- - IENT SYMBOLS DENOTES GRADE 500 DEFORMED BARS TO A.S.AS71 DENOTES GRADE 400 Y BARS TO A.S.1302 GRADE Y (TEMPCORE) DENOTES GRADE 250 R HOT ROLLED PLAIN BARS TO A.S.1302 DENOTES FARBER CO AS 451 (GRADE 500)

 - DENOTES FABRIC TO AS 4671 (GRADE 500)
 DENOTES GRADE 450 F HARD-DRAWN WIRE REINFORCING FABRIC TO A.S.1304.
 DENOTES GRADE 450 W HARD-DRAWN PI AIN WIRE TO A.S.1303.

 - ARRIGED OF BADS IN COOK ID
 - (BAR GRADE AND TYPE)
 - (MONINAL DAD SIZE IN 1949)
- 20 (MUNINAL BAY SIZE IN 1971)

 250 (SPACING IN 1971)

 THE FIGURE FOLLOWING THE PARRIC SYMBOL SLIS THE REFERENCE NUMBER FOR FABRIC TO A S 1304
 - REINFORCEMENT BARS TO BE LAID IN LAYERS TAGGED ON PLANS AS FOLLOW

 11 PROTES BARS LAID IN ROTTOM LAYER FIRST
 - DENOTES BARS LAID IN BOTTOM LAYER SECOND

 - DENOTES BARS LAID IN TOP LAYER FIRST
- DENOTE BARRIADON TODO AVERGACT REINFORCEMENT IS REPRESENTED DIAGRAMMATICALLY AND NOT NECESSARILY IN TRUE PROJECTION.
- SPLICES IN REINFORCEMENT TO BE MADE ONLY IN POSITION SHOWN OR OTHERWISE APPROVED IN WRITING BY THE SUPERINTENDENT/DESIGNER, HOOKS, LAPS, SPLICES AND BENDS TO BE IN

ACCORDANCE WITH AS 3500.

ACCORDANCE WITH AS 3500.

•	THAN THE DEVELOPMENT LENGTH FOR EACH BA				
	BAR SIZE (mm)	SPLICE LENGTH (mm)			
	N12	475			
	N16	62\$			
	N20	800			
	N24	950			
	N28	1250			
	M22	1675			

- WELDING OF REINFORCEMENT NOT TO BE PERMITTED UNLESS SHOWN ON THE STRUCTURAL DRAWINGS OR APPROVED BY THE DESIGNER.
- JOGGLES TO BARS TO BE 1 BAR DIAMETER OVER A LENGTH OF 12 BAR DIAMETERS U.N.O.
 FABRIC TO BE LAPPED 2 TRANSVERSE WIRES PLUS 50mm. BURDLED BARS TO BE TIED TOGETHER
- AT 30 RAD DIAUFTED CENTRES WITH 3 WRAPS OF THE WIRE
- AT PENETRATIONS IN SLABS UNLESS OTHERWISE DETAILED REINFORCEMENT, NOT TO BE CUT BUT TO BE CATHERED FOUNDLY TO EACH SIDE OF PENETRATION AND EXTRA REINFORCEMENT PROVIDED. BETWEEN THE PENETRATIONS AS DIRECTED BY THE SUPERINTENDANT.
 DISTRIBUTION BARS TO MAIN REINFORCEMENT IN SLABS SHALL BE NIZ AT 300cms. U.N.O.
- 12. NOTIFY AND PROVIDE ACCESS TO THE ELECTRICAL SUBCONTRACTOR TO CONNECT EARTHING

- STRUCTURAL STEEL

 ALL WORKMANSHIP AND MATERIALS TO BE IN ACCORDANCE WITH AS 4100 AND A.S. 1554. ALL TURNAMASHIP AND MALERALS TO BE IN ACCURDANCE WITH A.S. 6700 AND A.S. 1994.

 UNLESS OTHERWISE NOTED, ALL STEEL TO BE GRADE 300 TO AS3679 (HOLLOW SECTIONS TO BE GRADE C350 TO AS163) (GRADE C450 TO AS1637 FOR PURLINS & GIRTS).
- ICDADE 360 TO ASSESS FOR DI ATES ALL CONNECTION AND STIFFENER PLATES TO BE 10mm THICK U.N.O.
- ALL CONNECTION AND STREPHER PLATES TO DESIGNED THACK U.N. ALL WEDS TO SE GENE POINT PLATE YES.

 ALL WEDS TO SE GENE CONTRACTOR FILET WEBS UN.O.

 ALL WITH THE DIS TO BE F. ALL CORNER FILET BEINED THAN DESS U.N. O.

 ALL BOTT THE DIS TO BE F. ALL CORNECTION TO HAVE LESS THAN 2 BOLTS U.N. O.

 ALL BOTTS TO BE KAP AND NO CONNECTION TO HAVE LESS THAN 2 BOLTS U.N. O.

 ALL BOTTS TO BE HAP AND NO CONNECTION TO HAVE LESS THAN 2 BOLTS U.N. O.

 FURLIN CONNECTIONS TO BE AS PER MANIFACTURERS SPECIATION U.N.O.

 PURLIN CONNECTIONS TO BE AS PER MANIFACTURERS SPECIATION U.N.O.

 ALL HOUSES OF DOWN BOLTS TO BE HAND TO THE PLATEMENT SPECIATION U.N.O.

 ALL HOUSES OF DOWN BOLTS TO BE HAND TO THE PLATEMENT SPECIATION U.N.O.

- ALL HOLDING DOWN BOLTS TO BE HOT DIP GALVANISED GRADE & S.S. U.N. U.N.O., IN THE SPECKFLATION STRUCTURAL STEEL WHICH IS PROTECTED FROM WEATHER TO BE ABRASINE BLAST CLEAMED TO CLASS 2.5 TO AS 18274, TO BE PRIVED BY INTERZING: OR APPROVED E COMMALENT TO TS.W. DIPT. ALL CHITER STRUCTURAL STEEL ITEMS TO BE FILLY GALVANISED TO AS 4800 U.N.O. ON THE DRAMMIGS, REFER TO ARCHITECTURAL DETAILS FOR TOP COATS.
- SHOP DRAWINGS TO BE SUBMITTED IN TRIPLICATE TO THE DESIGNER FOR APPROVAL FARRICATION NOT TO COMMENCE UNITS APPROVAL HAS REEN GIVEN
- 10. EXAMINATION OF WELDS TO BE INSPECTION AND TEST RECORDS TO BE SUBMITTED TO THE DECKMED

 - VISUAL SCANNING TO AS 1554, ISECTION 7 ON 100% OF WELDS; VISUAL EXAMINATION TO A S 1554 1 SECTION 7 ON 100% OF CP WELDS AND 20%

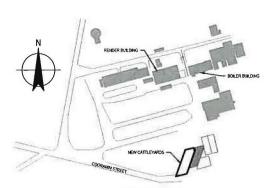
 - OF SP WELDS.

 MACHITIC PARTICLE FXAMINATION TO BE PERFORMED ON 1% OF CP WELDS AND 5%
 - OF SP WELDS AND AS NOTED ON THE DRAWINGS.

 ULTRASONIC TESTING TO BE PERFORMED ON 2.5% FILLET WELDS AND 10% OF BUILT WELDS
 - AND AS NOTED ON THE DRAWINGS IF FYAUNATION REVEALS SUBSTANDARD WELDS FURTHER EXAMINATION AND/OR REPAIRS SHALL BE AT THE CONTRACTOR'S EXPENSE.
- 17 THE EARDICATION AND EDECTION OF THE STRUCTURAL STEEL WORK TO BE SUPERVISED BY A PERSON EXPERIENCED IN SUCH SUPERVISION TO ENSURE THAT ALL REQUIREMENTS OF THE DESIGN
- ADE MET, CEDTIONATE OF COMPILANCE TO BE DECIMINED TO THE AUTHORISED PERSON.
- THE SUBCONTRACTOR TO PROVIDE ALL CLEATS AND DRILL ALL HOLES NECESSARY FOR FIXING
- STEEL SEGMENTS WHETHER OR NOT DETAILED ON THE DRAWINGS
- STEEL ELEMENTS WHILE HER OWNOT DETAILED ON THE DRAWNINGS.
 SUITABLE EQUIPMENT TO BE USED DURING LOADING, TRANSPORT AND ERECTION OF STEEL WORK
 TO AVOID DAMAGE TO THE STEEL WORK FINISHES. STEEL WORK STORED ON SITE TO BE PROTECTED.
- AGAINST CORROSION OR DETERIORATION OF PAINTED SURFACES.

 14. AFTER TICHTENING EXPOSED FACES OF BOXTS, NUTS AND WASHERS SHALL BE PREPARED AND
 - COATED AS SOCIETED OF AS EDD AD IACENT STEEL WOOK
- THE ENDS OF ALL HOLLOW SECTIONS SHALL BE SEALED.

 ALL COLD FORMED SECTIONS TO CONFORM TO AS 1163 AND SHALL BE ROLL-FORMED FROM ZINC.
- ALL COLD FIGH STEEKING TO CONFIRM IN IN AS 1103 AND STAND STEEK SET STEEKS 450 MPs, 350 grid MANGAU CONTINUES OF CONFIRM THE STAND STAND
- AS FOLLOWS AS FOLLOWS:MECHANICALLY GRIND SURFACE TO ACHIEVE SMOOTH AND BRIGHT METAL COMPARABLE TO CLASS 2½
 APPLY ZING RICH PRIMER TO A DRY FILM THICKNESS AS PER SPECIFICATION REQUIREMENTS.
- APPLY ZINC RICH PRIMER TO A DRY FAM THE ABBREVANTONS FILLET WELD DFT DRY FAM THEOMESS FSBW FALL PENETRATION BUTT WELD OF CENTENA PURPOSE WELD MADD: MAZIMAM MODERO BRY DENSITY PSBW PARTIAL PENETRATION BUTT WELD SP STRUCTURAL PENETRATION BUTT WELD SP STRUCTURAL PENETRATION BUTT WELD UND - UNLESS NOTED OTHERWISE
- THE LOCATION OF ALL EXISTING ELEMENTS SHALL BE SITE MEASURED PRIOR TO THE PREPARATION OF SHOP DRAWINGS.
- ALL REACTIONS SHOWN ARE IN IN U.N.O.
- THE SUBCONTRACTOR SHALL HAVE SAMPLE BOLTS TESTED TO DESTRUCTION IN ACCORDANCE WITH THE SPECIFICATION.



LOCATION PLAN

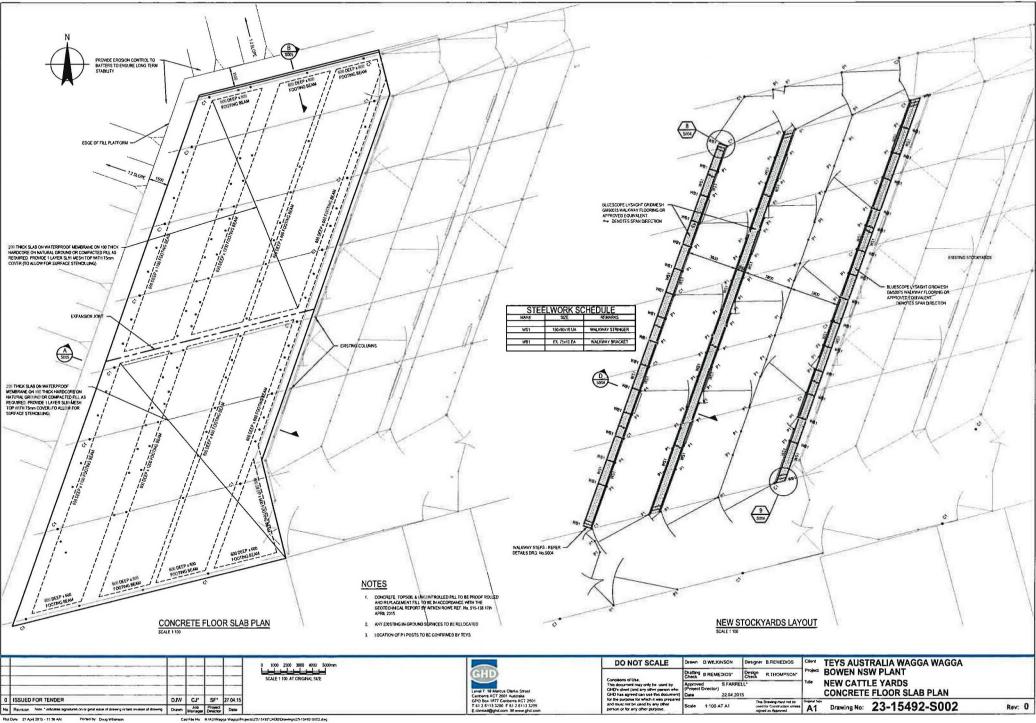
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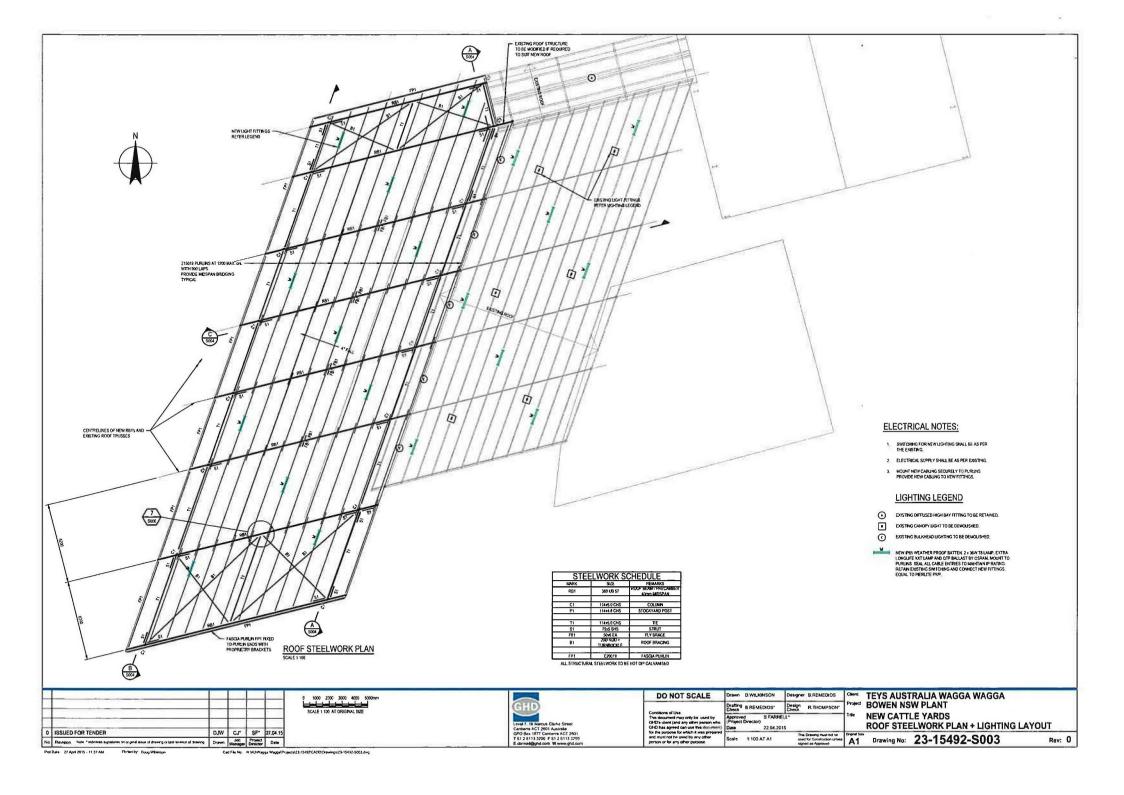


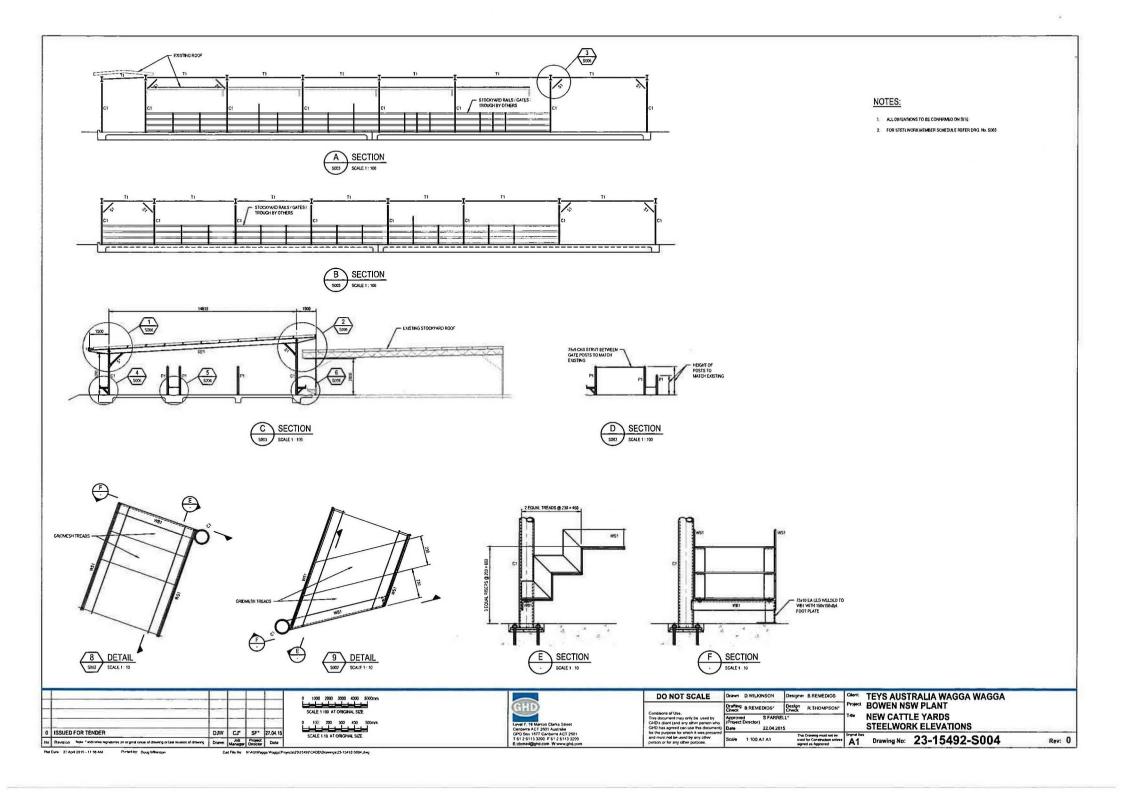
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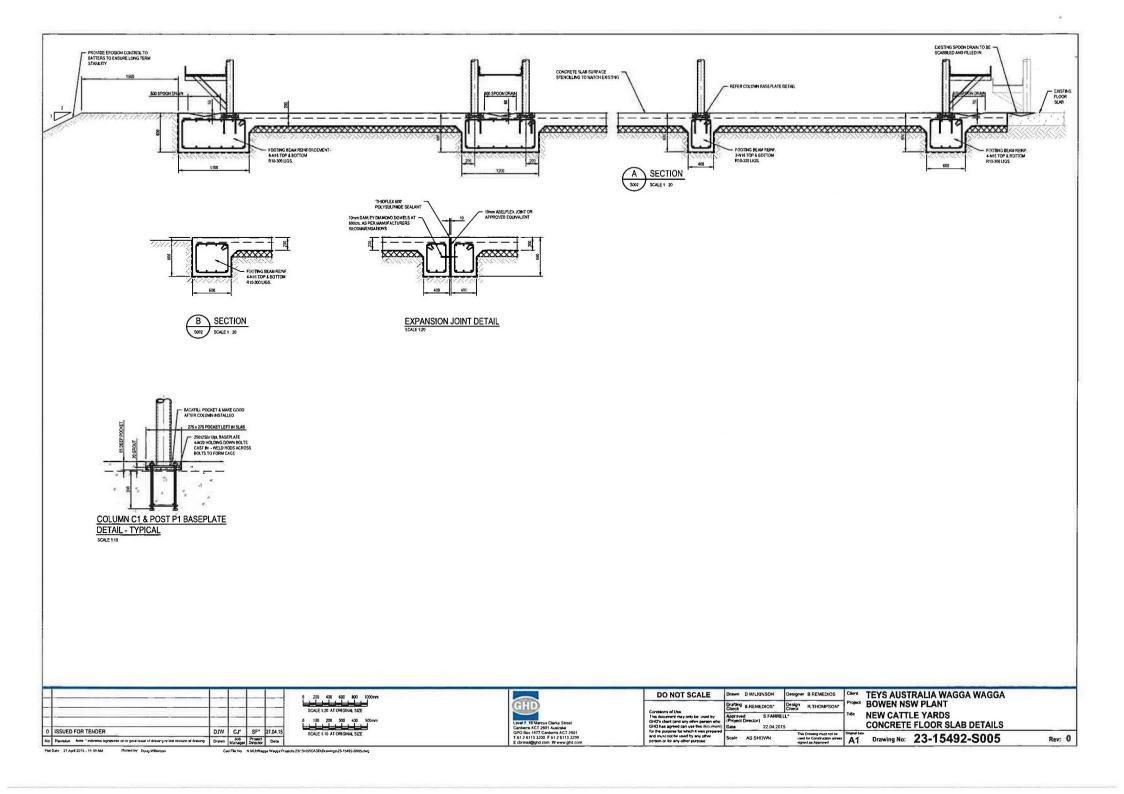
TEYS AUSTRALIA WAGGA WAGGA **BOWEN NSW PLANT NEW CATTLE YARDS GENERAL NOTES**

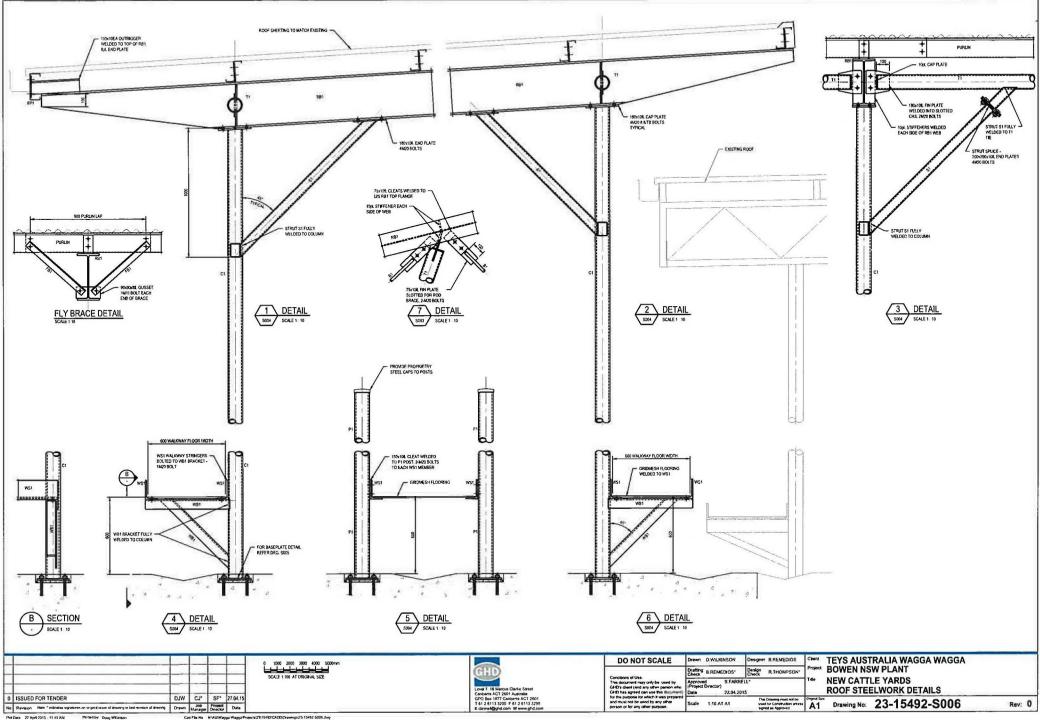
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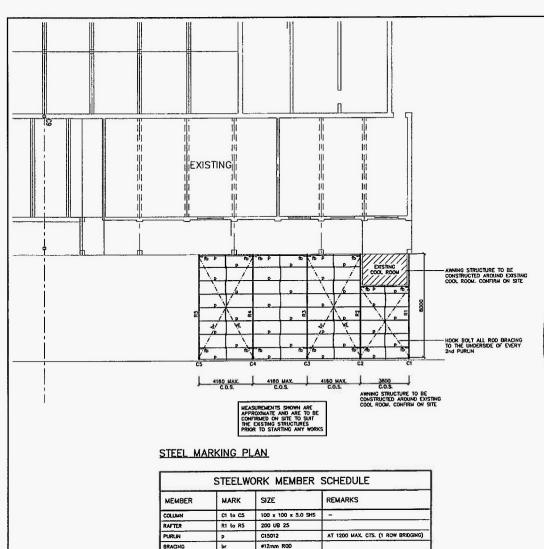












50 x 50 x 5 ANGLE

FLY BRACING

CTEEL MADE MULTER

- STEELWORK TO BE IN ACCORDANCE WITH AS 4100, FABRICATION TO BE CARRIED OUT IN ACCORDANCE WITH SECTION 14 OF AS 4100. ERECTION TO BE CARRIED OUT IN ACCORDANCE WITH SECTION 15 OF AS 4100.
- 2. LINESS NOTED OTHERWISE STEEL IS TO BE OF THE FOLLOWING GRADE:

UB's, UC's, PFC's & LARGE ANGLES CRADE 300

WEIDER SECTIONS TO AS AIRS 3670 2 CRAFF 300

HOT ROLLED PLATES, FLOOR PLATES AND SLABS TO AS AS/NZS 3678

GRADE 250

HOLLOW SECTIONS TO AS 1163

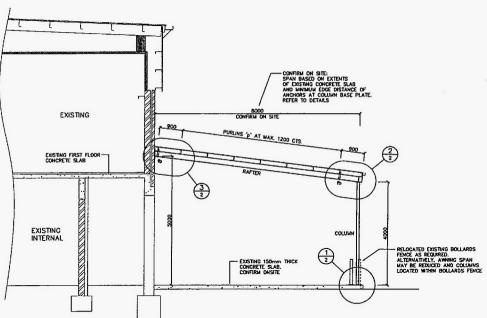
COLD FORMED PURUNS AND GIRTS

CPADE 0450 7350

- 3. DIMENSIONS AND SETUUTS TO BE OBTAINED FROM ARCHITECTURAL DRAWINGS WHERE NOT INDICATED ON STRUCTURAL DRAWINGS.
- THE FABRICATION AND ERECTION OF STRUCTURAL STEELWORK IS TO BE SUPERVISED BY A PERSON QUALIFIED IN SUCH SUPERVISION, IN ORDER TO ENSURE ALL DESIGN REQUIREMENTS ARE MET.
- E DEALE AND PARTEDE TO BE INSTALLED WITH NATIONAL CAUDED HE
- MEMBERS SHALL BE SUPPLIED IN SINGLE LENGTHS. SPLICES ARE PERMITTED ONLY WHERE SPECIFICALLY SHOWN ON STRUCTURAL DRAWNGS.

- 8. STEELWORK SHALL BE TEMPORARILY BRACED TO STABILISE THE STRUCTURE DURING ERECTION.
- 9. UNLESS NOTED OTHERWISE:

- BOLTS TO BE M2O 8.8/S
 CONNECTIONS SHALL HAVE A MINIMUM OF 2 BOLTS
 BOLTS AND WASHERS SHALL BE GALVANISED
 HOLES SHALL BE ZMM LARGER THAN THE BOLT DIAMETER
 BOLTS TO BE IN ACCORDANCE WITH AS 1252
- 10. WELDING TO BE CARRIED OUT IN ACCORDANCE WITH AS 1554.1 UNILESS NOTED OTHERWISE:
- FILLEY WELDS SHALL BE 6mm C.F.W. SP TO AS 1554.1
 BUTT WELDS SHALL BE COMPLETE PENETRATION SP TO AS 1554.1
- RADIOGRAPHIC OR ULTRASONIC EXAMINATION TO BE IN ACCORDANCE WITH AS15541, AS2177.1 AND AS2207 AS APPROPRIATE.
- 11. STEELWORK NOT TO BE ENCASED BY CONCRETE SHALL BE PROTECTED FROM CORROSON IN THE FOLLOWING MAINTER: THE STEELWORK IS TO BE CLEANED TO AN AS 1627 CLASS POWER BRUSH PREPARATION AND GIVEN I COAT "215 RUST FIGHTER" TO GIVE A DRY FUR THROUKES OF 40 MICRONS BEFORE DESPITATION TO SITE.
- 12. STELLWORK TO BE ENCASED IN CONCRETE SHALL BE UNPAINTED. ENCASING CONCRETE SHALL BE CRADE N25 PROVIDEND ADEQUATE COVER TO SUIT FIRE RATHO OR EXPOSURE COMDITIONS. CONCRETE ENCASING SHALL BE RENFORCED MITH 5mm WRET TO AS 4617 0Fmm STRUCHTRAL (RADE BARS TO AS 4617 AT 150mm PICH WHERE NOT INDICATED ON STRUCTURAL DRAWINGS.



TYPICAL AWNING SECTION

A 21/03/18 ISSUE FOR CONSTRUCTION P1 18/03/15 PRELIMINARY FOR REVIEW & DISCUSSION A.B No. DATE 87 DETAILS Project: PROPOSED AWNING & NEW LINTEL TO ALDI EXTENSION DAMPIER STREET, BOMEN STEEL MARKING PLAN & SECTION Client: TEYS AUSTRALIA Scole: 1:100, 1:50(A1) Design: S.Chowdhury XEROS PICCOLO Drawn: A.Barrow S SYE STREET
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