JOB NUMBER: 23-1883

WAIKATO GREENFIELD RACING HUB
PENCARROW ROAD, WAIKATO



Standard Abbreviations

Structural Abbreviations

UB	universal beam
UC	universal column
SHS	square hollow section
RHS	rectangle hollow section
UA	unequal angle
EA	equal angle
PFC	parrallel flange channel
CHS	circular hollow section
TFB	tapered flange beam
WB	welded beam
G	grade
Galv	galvanised
SP	splice
DB	drossbach tube
PC	precast concrete panel
CON	concrete
CJ	control joint
EJ	expansion joint
HDG	hot dip galvanised
MS	mild steel
FT	flat
PLY	plywood
SS	stainless steel
FWAR	fillet weld all round
BW	butt weld
FP	full penetration

Foundation / Reinforcing Abbreviations

crs	centres
T&B	top & bottom
EW	each way
EF	each face
vert	vertical reinforcing
horz	horzontal reinforcing
IF	inside face
OF	outside face
BF	both faces
SSL	structural slab level

Civil Abbreviations

MH	manhole
CP	catchpit
LL	lid level
IL	invert level
RL	reduced level
SW	stormwater
SS	sanitary sewer
WW	waste water
WM/S	water main/supply
ROW	right of way
BC	basecourse
SB	subbase
SG	subgrade

General Abbreviations

TBC	to be confirmed
NTS	not to scale
COS	confirm on site
RL	reduced level
FFL	finish floor level
EX	existing
DTF	document transmittal form
max	maximum
min	minimum
APPR	approved
BLDG	building
CL	centre line
CNR	corner
DIM	dimension
m	metre
mm	millimetre
MISC	miscellaneous
NO	number
NZS	New Zealand Standard
R	radius
REF	reference
SK	sketch
SPEC	specification
TYP	typical

Plumbing Abbreviations

GT	gully trap
ORG	overflow relief gully
TV	terminal vent
FWG	floor waste gully
WC	water closet
HT	hose tap
GT	gully trap
DP	down pipe
DIA	diameter
ID	inside diameter
OD	outside diameter
IL	invert level
LL	lid level
OF	over flow
OFO	over flow outlet

Architectural Abbreviations

DPM	damp proof membrane
DPC	damp proof course

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Tender Notes

1. Drawings issued prior to the completion of Building Consent issue are for the purpose of enabling the client/contractor to prepare, submit and negotiate a cost competitive and compliant tender for the project only.
2. The client acknowledges that the Preliminary Design is an incomplete design, prepared with a limited time frame, with input provided by the client, other organisations and third parties and in many respects relied on experienced engineering judgement. Accordingly, amendments to the design may be required when further information is obtained as design/construction progresses. Such amendments may include additional work, increased quantities and or additional time. The consultant shall not be responsible for the cost of such additional work, quantities or time unless the consultant is proven to have been negligent in preparation of the design. Furthermore, the consultant shall not be liable for any inaccuracies or incompleteness of any information not collected under the consultants direct control notwithstanding any coordination or management role undertaken by the consultants part of the services. To mitigate such risks of errors or omissions, the consultant will exercise due care and diligence in preparing the Design Documentation and will be available at the clients request to participate in a cost risk analysis with the client to enable a contingency sum for risk to be included in the tendered price for the project.
3. The parties agree that:
   - 3.a. The services and design documents do not and cannot constitute a complete Engineering Design and are likely to contain differences from the final engineering design when produced.
   - 3.b. The risk of any such differences and any consequences that may flow from such differences (whether in relation to cost or otherwise) are solely the risk of the client.
   - 3.c. BCD has provided Preliminary Design information and such information cannot be considered to be a fully detailed and checked design and that the client will prepare and price tender generally having regard to issues which arise as a result of not having such a fully detailed and checked design.
4. The client must act in good faith and use all reasonable endeavours to work on a regular basis with the consultant to minimise the risk of error to develop solutions that fulfil the project requirements and embrace the clients preferred construction methodologies and practices.

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Architectural drawings

A-000 series - architectural plans

Structural drawings

S-000 series - structural plans

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Original In Colour

Client: WAIKATO THOROUGHBRED RACING — TE RAPA · CAMBRIDGE · WAIPA

Contractor

BCD GROUP

Sheet: CIVIL INDEX & STANDARD NOTES

Project Title: PROJECT NAME

PROJECT ADDRESS, PROJECT TOWN

Rev	Date	by	Reason
2	01-10-2026	KDB	FOR CONSENT

Drawn: BCD Scale: at A1

Engineer: BCD

Job No: 23-1883 Sheet No: ~~C-000~~ Revision: ~~2~~

all dimensions to be verified on site before making any shop drawings or commencing any work.

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