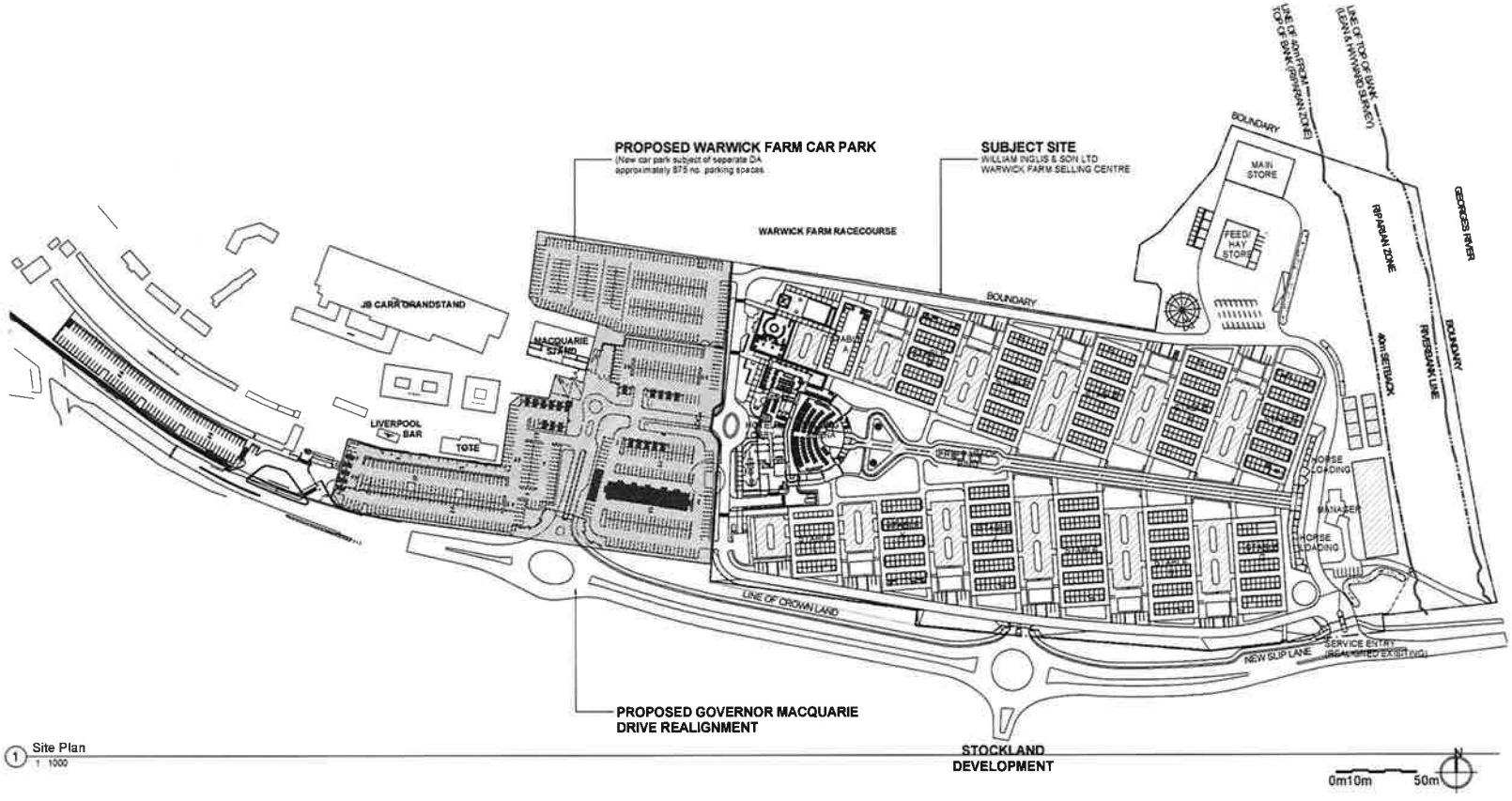


1 Site Plan
1 : 1000

development application

21515 | d | 001A

Site Plan

1 : 1000@A0

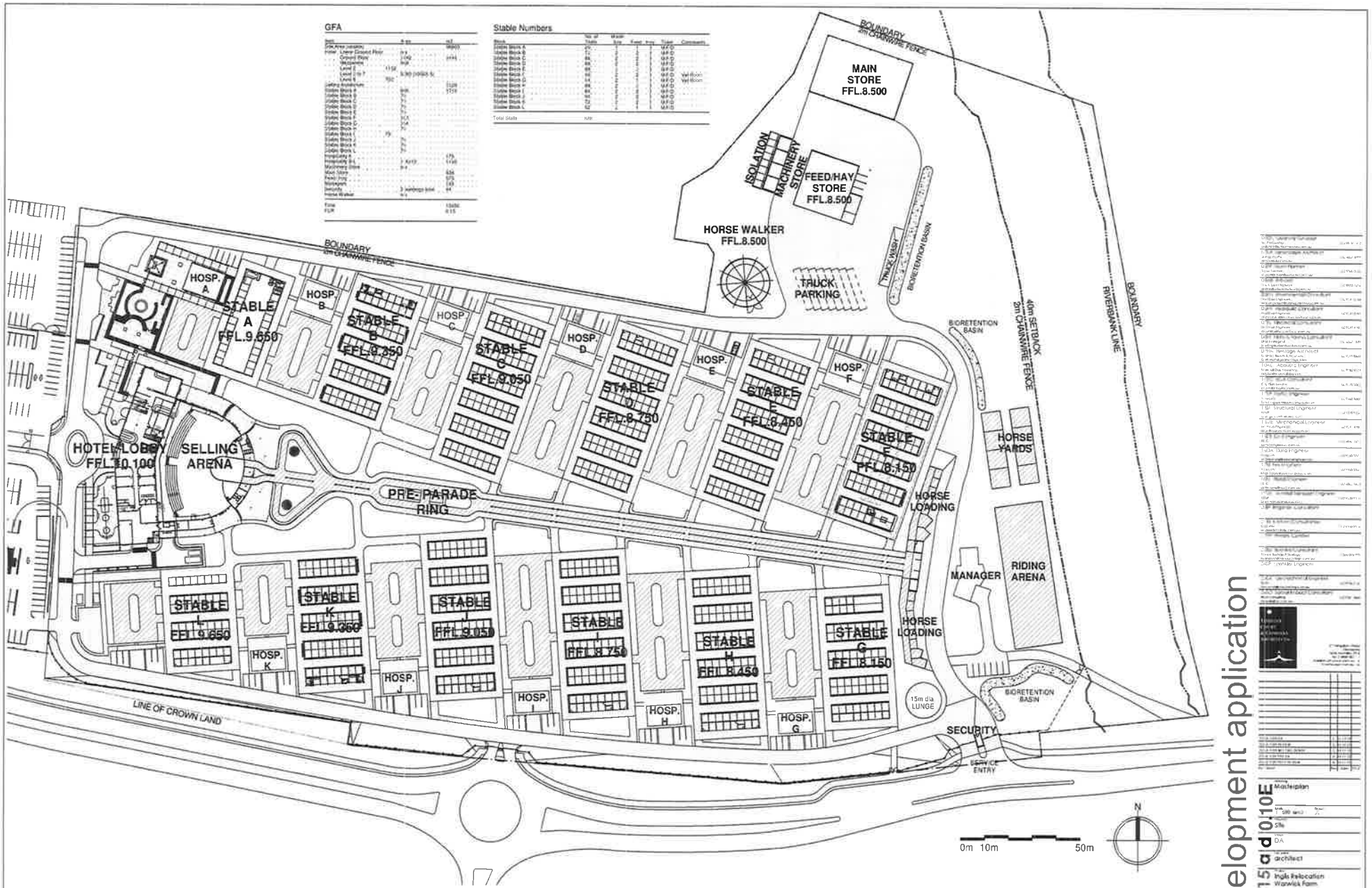
Site

DA

architect

Inglis Relocation
Warwick Farm

William Inglis
& Son



1 Master Plan
1 : 500

development application

31515 | d | 10 | E

Masterplan
1 : 500 (at A1)
Status
DA
architect
Ingis Relocation
Warwick Farm
William Ingis & Son

Item	Area	m2
Site Area (usable)		96603
Hotel Lower Ground Floor	n/a	
Ground Floor	1042	6141
Mezzanine	968	
Level 2	1152	
Level 3 to 7	5080 (1016X 5)	
Level 8	762	
Selling Auditorium		1529
Stable Block A	696	1718
Stable Block B	79	
Stable Block C	79	
Stable Block D	79	
Stable Block E	79	
Stable Block F	163	
Stable Block G	154	
Stable Block H	79	
Stable Block I	79	
Stable Block J	79	
Stable Block K	79	
Stable Block L	79	
Hospitality A		175
Hospitality B-L	116x10	1450
Machinery Store	n/a	
Main Store		638
Feed/ hay		575
Managers		195
Security	3 buildings total	44
Horse Walker	n/a	-
Total		13760
FSR		0.15

Block	No. of Units	Wash bay	Feed	Hay	Toilet	Comments
Stable Block A	80	1	1	1	M/F/D	
Stable Block B	72	2	2	1	M/F/D	
Stable Block C	88	2	2	1	M/F/D	
Stable Block D	88	2	2	1	M/F/D	
Stable Block E	88	2	2	1	M/F/D	
Stable Block F	80	2	2	1	M/F/D	Vet Room
Stable Block G	64	2	1	1	M/F/D	Vet Room
Stable Block H	80	2	2	1	M/F/D	
Stable Block I	88	2	2	1	M/F/D	
Stable Block J	88	2	2	1	M/F/D	
Stable Block K	72	2	2	1	M/F/D	
Stable Block L	52	2	1	1	M/F/D	
Total Stalls	968					

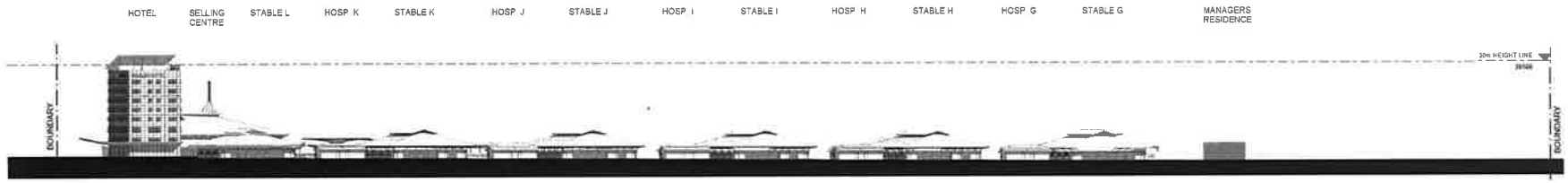
1 Master Plan
1 : 500

1 Roof Plan
1 : 500

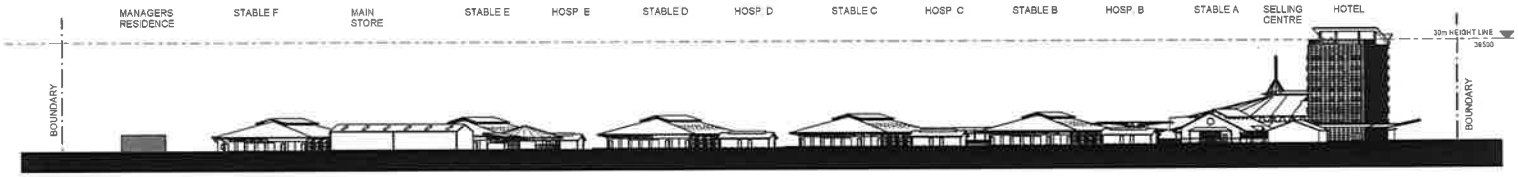
development application

31515 d|0|12A

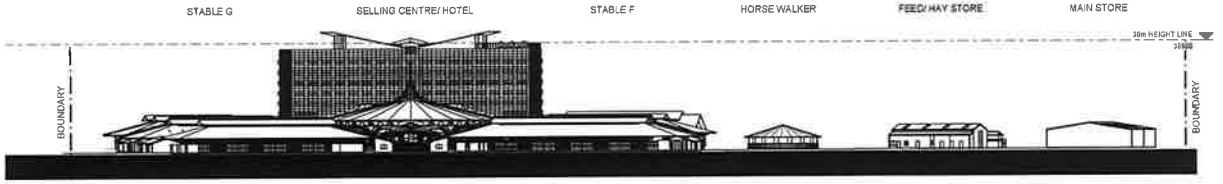
Roof Plan
1 : 500 at A1
DA
architect
Ingis Relocation
Warwick Farm
William Ingis & Son



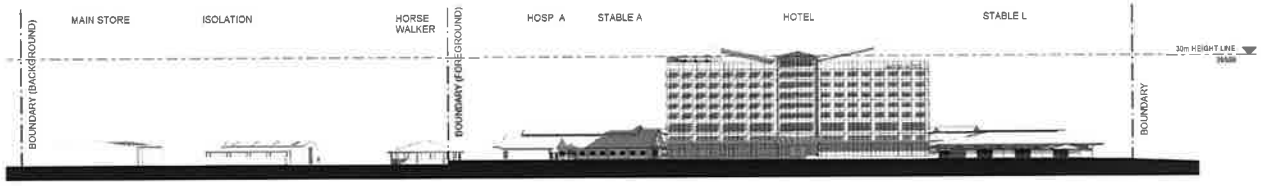
1 Site Elevation - South (Governor Macquarie Drive)
1 : 500



2 Site Elevation - North (Warwick Farm Racecourse)
1 : 500



3 Site Elevation - East (Georges River)
1 : 500



4 Site Elevation - West (Carpark Entry)
1 : 500

0m 10m 30m

NOTE - LANDSCAPING/ TREES AND 2m HIGH PERIMETER FENCE NOT SHOWN

development application

3151 a d 020B

Site Elevations

1 : 500 @ A0

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Warwick Farm

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View to Parade Ring with Hotel Behind

View Down Central Spine

Aerial view of Site

View entering site between Stable A and Hotel

Aerial view from South East

development application

3151 sd 021

Site Perspectives

Hotel & Auditorium

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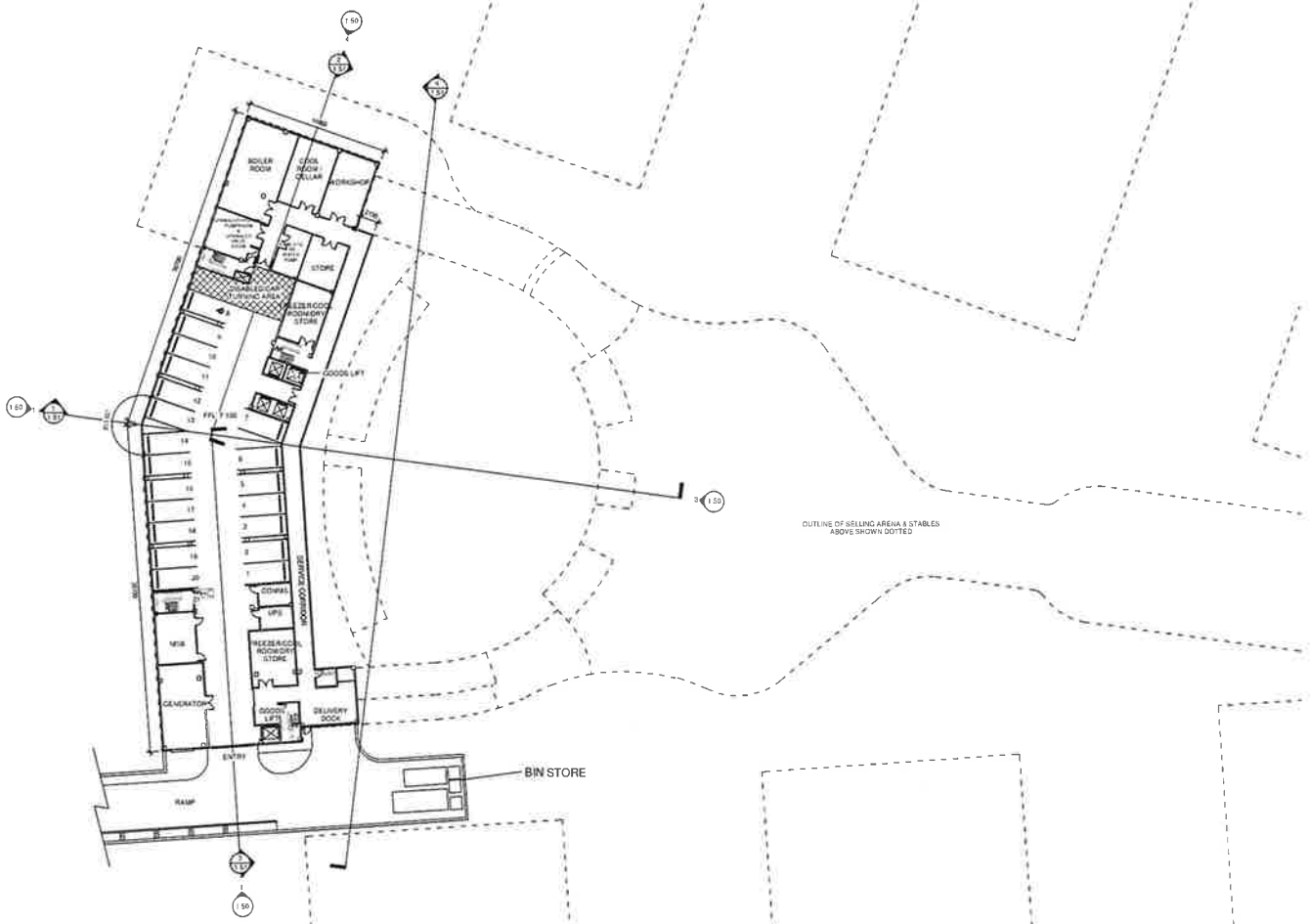
Ingliston Racecourse
Warwick Farm

Wilson Ingis
& Son



1 Hotel & Auditorium - Lower Ground Floor
1 : 200 @ A0

development application

2315 | d | 110E

Hotel & Auditorium - Lower Ground Floor

1 : 200

Hotel & Auditorium

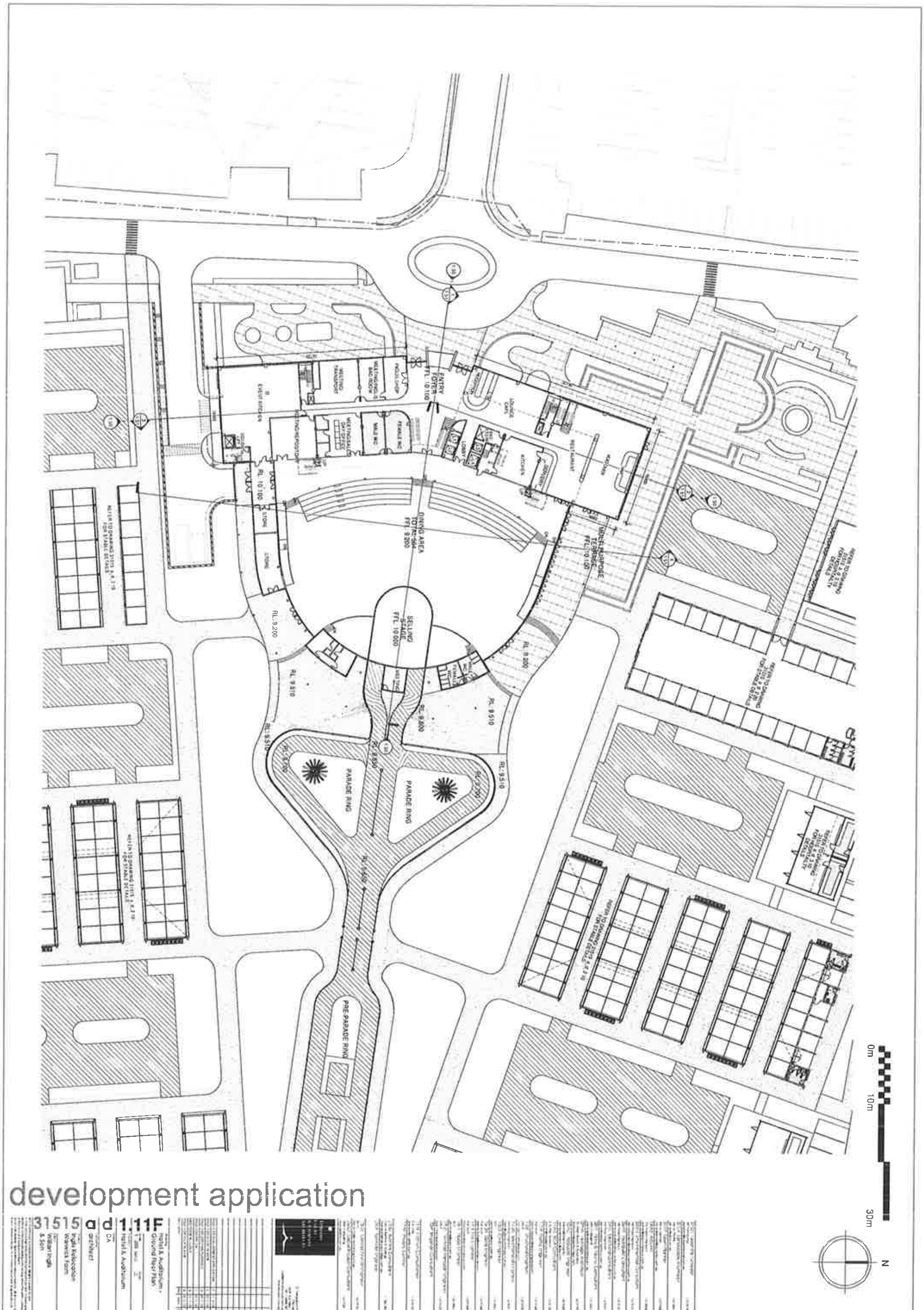
DA

architect

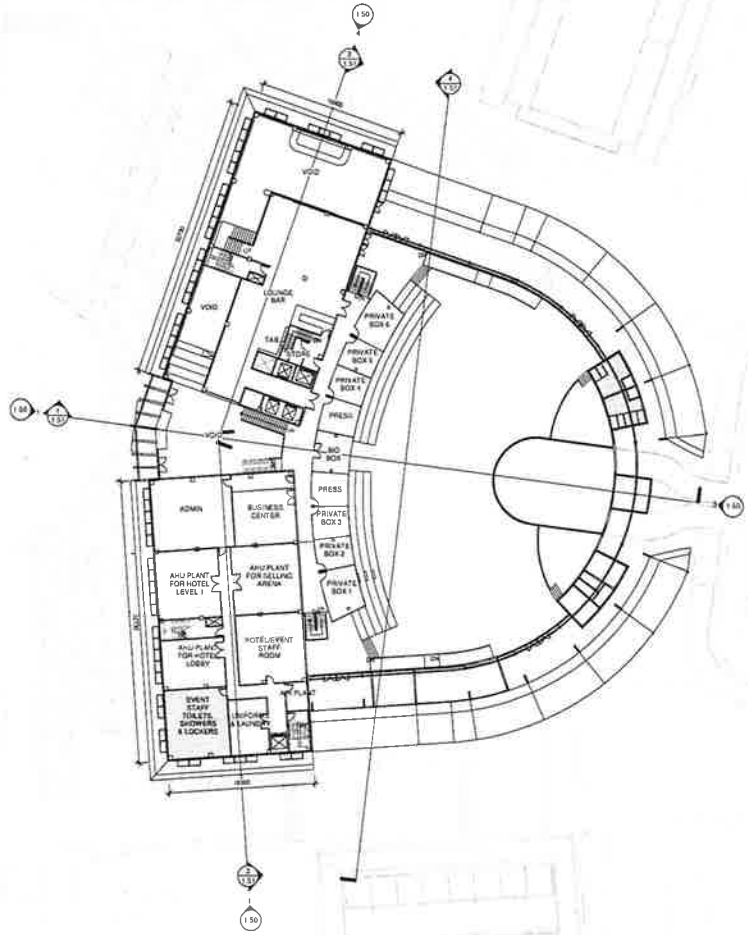
Ingis Relocation
Warwick Farm

William Ingis & Son

10/12/2015 4:17:25 PM



PARADE RING
PARADE RING
PRE-PARADE RING
SELLING STAGE FFL 10.000
DINING AREA FFL 9.200
MULTI-PURPOSE TERRACE FFL 10.100
ENTRY FOYER FFL 10.100
RESTAURANT
KITCHEN
LOUNGE CAFE
EVENT KITCHEN
RL 9.200
RL 9.510
RL 9.800
RL 10.100
N
0m
10m
30m
development application
31515
a
d
1.11F
DA
architect
Hotel & Auditorium - Ground Floor Plan
Hotel & Auditorium
Inglis Relocation Warwick Farm
William Inglis & Son



1 Hotel & Auditorium - Mezzanine Floor Plan
1 : 200 @A0

0m 10m 30m

N

development application

31515 a d 1.12F

Hotel & Auditorium - Mezzanine Floor Plan

1 : 200 @A0

Hotel & Auditorium

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1 Hotel & Auditorium - Level 2 Plan
1 : 200 @ A0

development application

1 Hotel & Auditorium - Level 3-7 Plan
1 : 200 @ A0

development application

N

0m 10m 30m

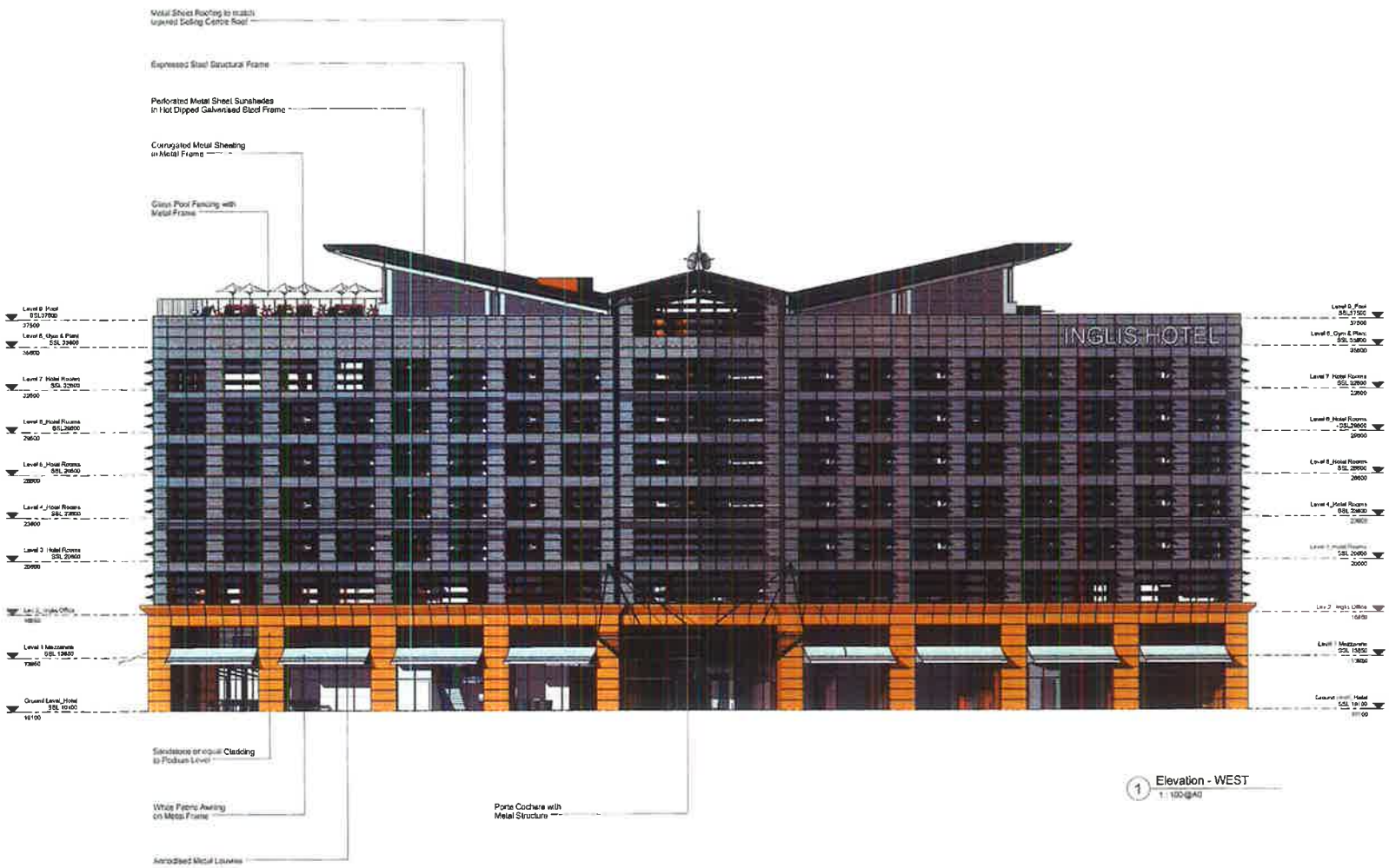
1 Hotel & Auditorium - Level 8 Plan
1 : 200 @A0

development application

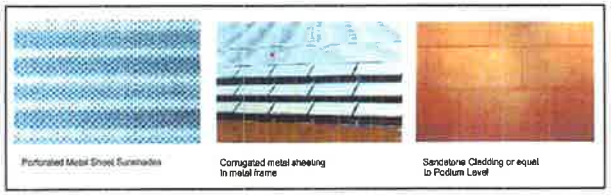
N

0m 10m 30m

1 Hotel & Auditorium - Roof Plan
1 : 200 @ A0



1 Elevation - WEST
1 : 100@A0



draft tender

31515 a1 1.020 d

Hotel & Auditorium GA
West Elevation

1 : 100 @ A0

draft tender

architect

Inglis Relocation
Warwick Farm

Wilson Inglis
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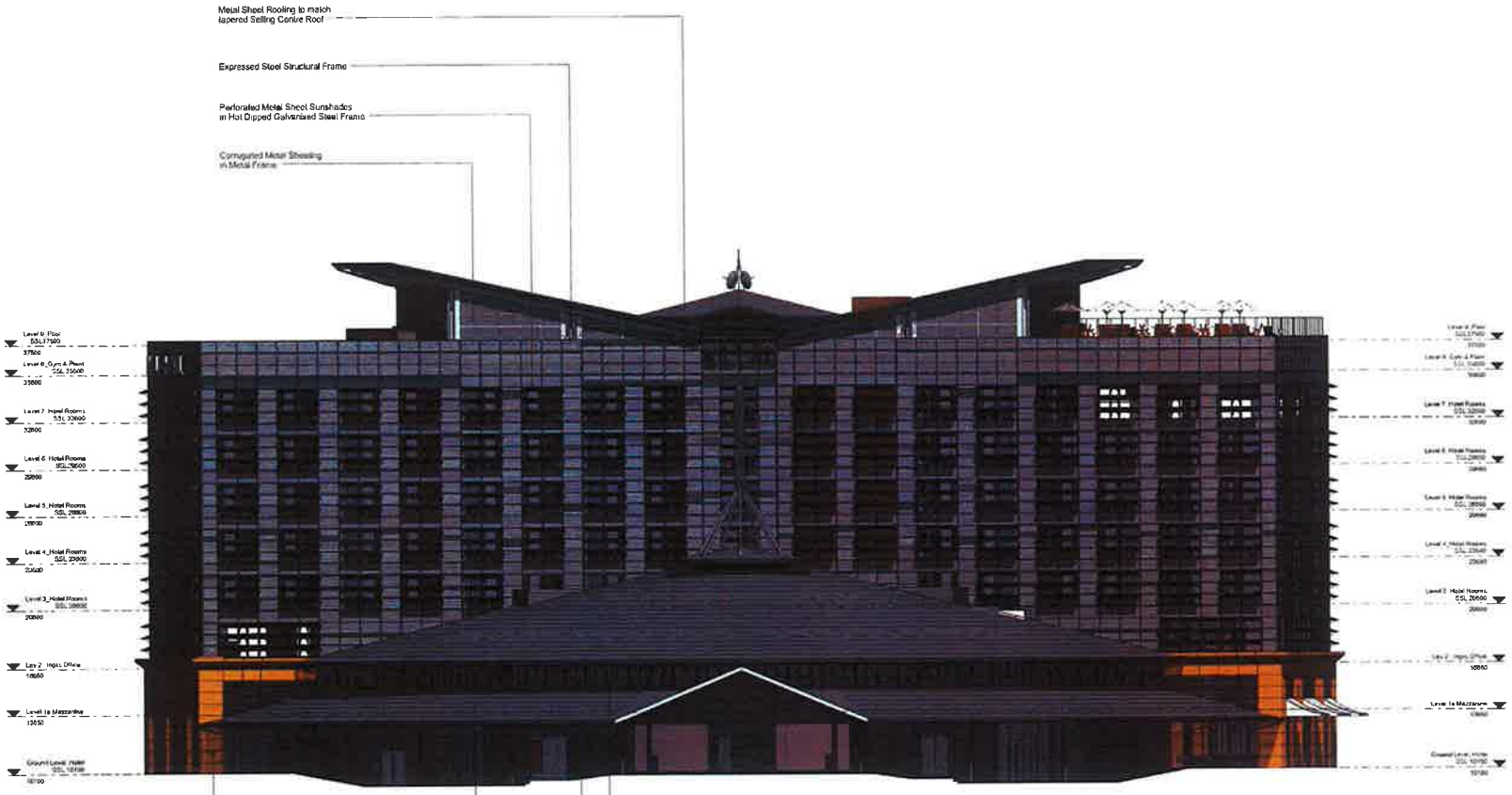
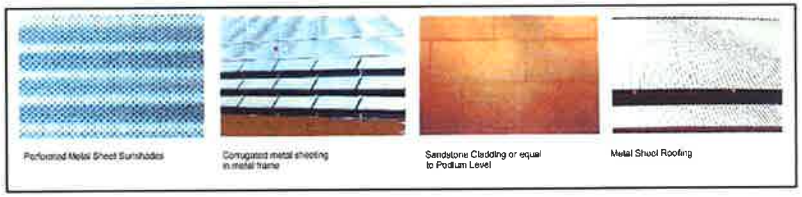


1 Elevation - EAST
1 : 100 @A0



draft tender

31515 a t 1.021 d

Hotel & Auditorium - GA East Elevation

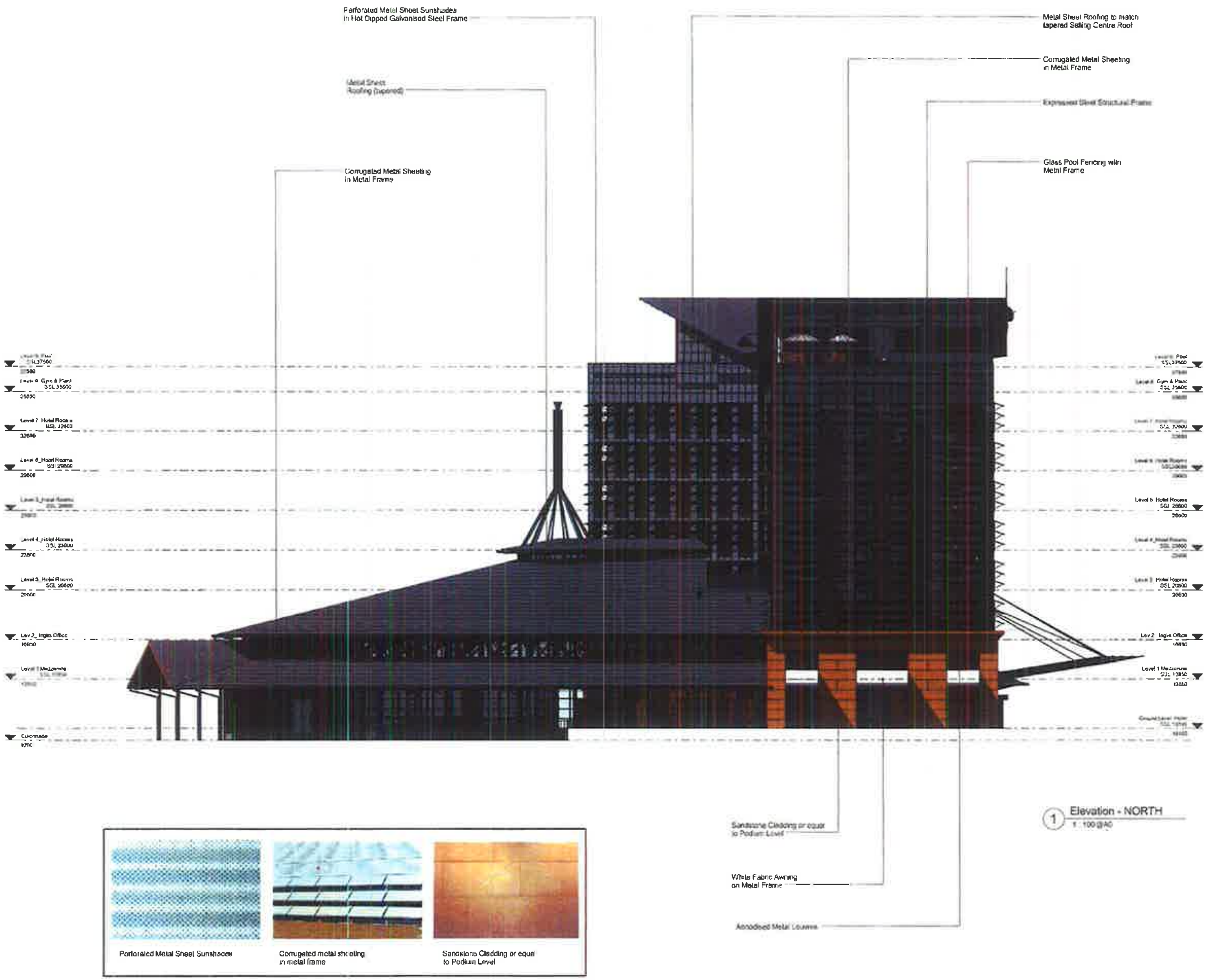
1 : 100 @ A0

draft tender

architect

Ingki Relocation Warwick Paris

Wilkin Ingki & Son



1 Elevation - NORTH
1 : 100 @A0

draft tender

31515 a 1.022 d

Hotel & Auditorium - CA North Elevation

draft tender

architect

Inglis Relocation Warwick Farm

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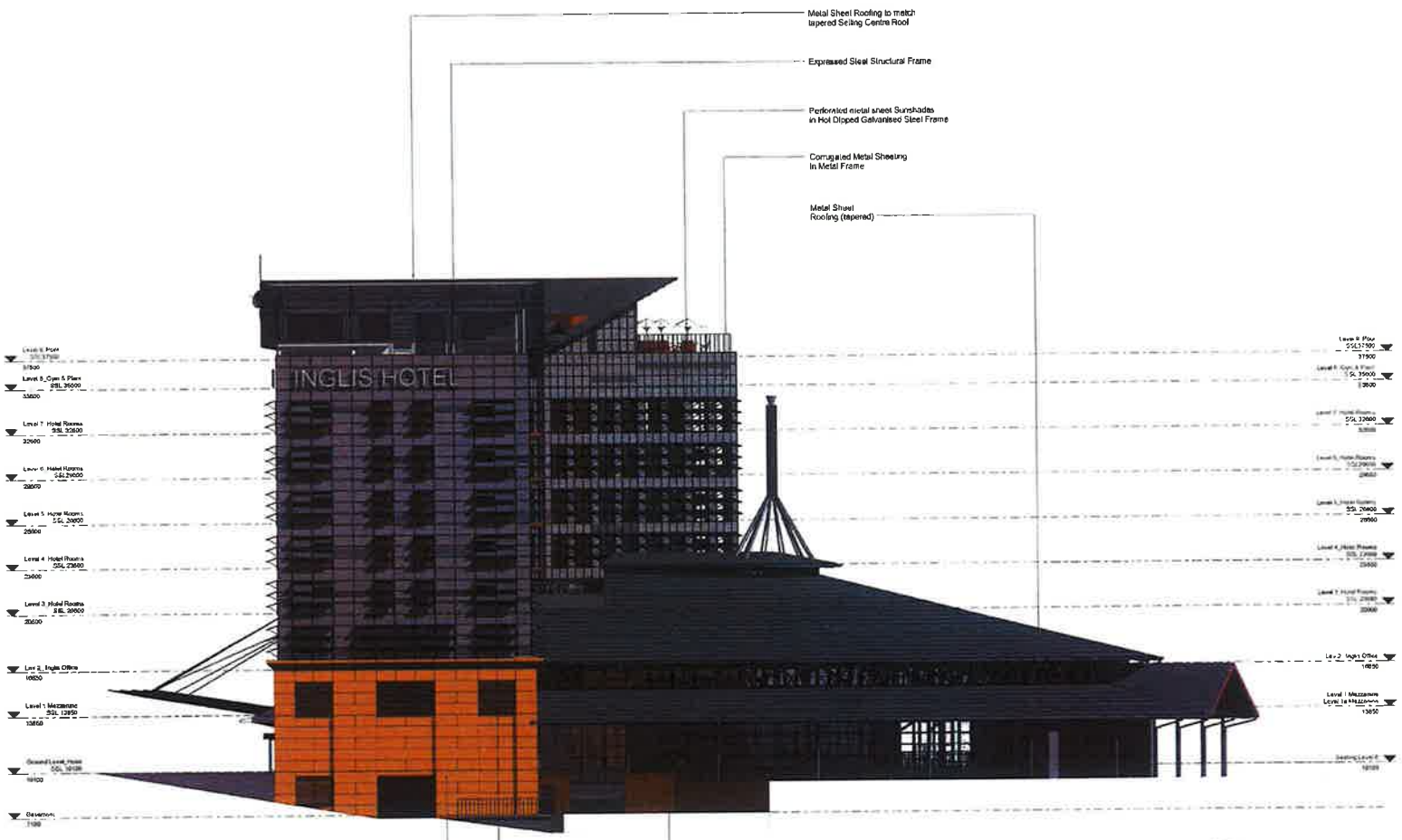
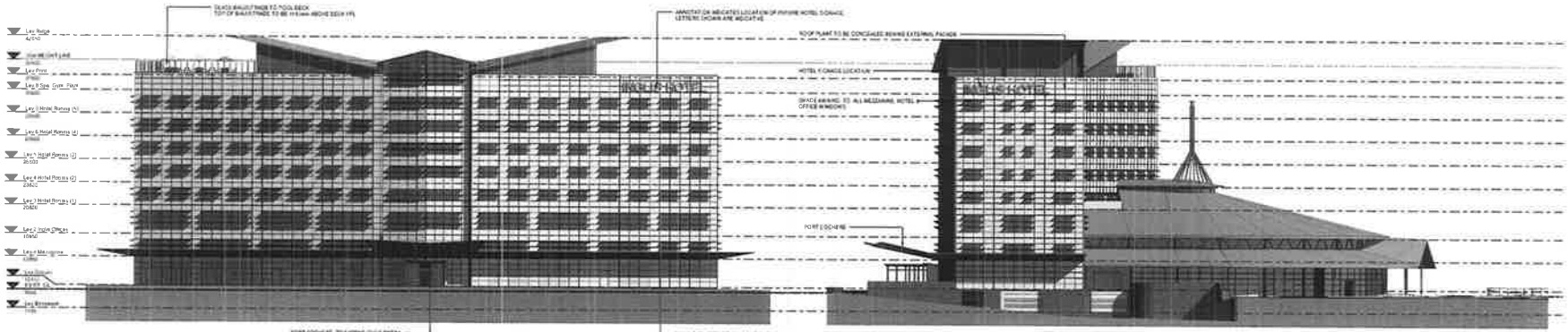


2 Elevation - SOUTH
1 : 100 @A0

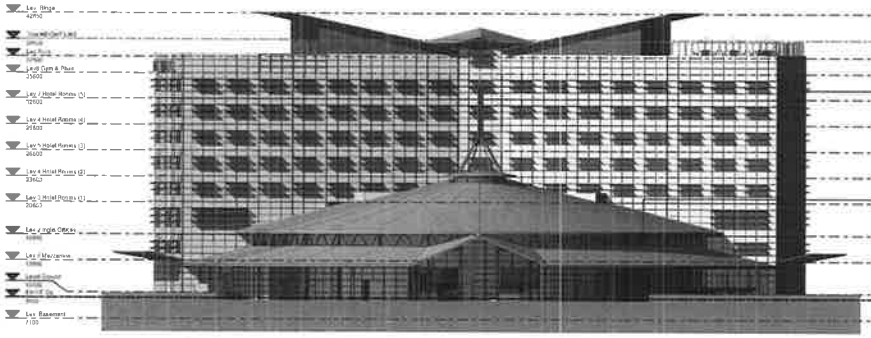
draft tender

31515 at 1.023d
Hotel & Auditorium - GA South Elevation
1 : 100 @ A0 Author
draft tender
architect
Inglis Relocation Warwick Farm
William Inglis & Son

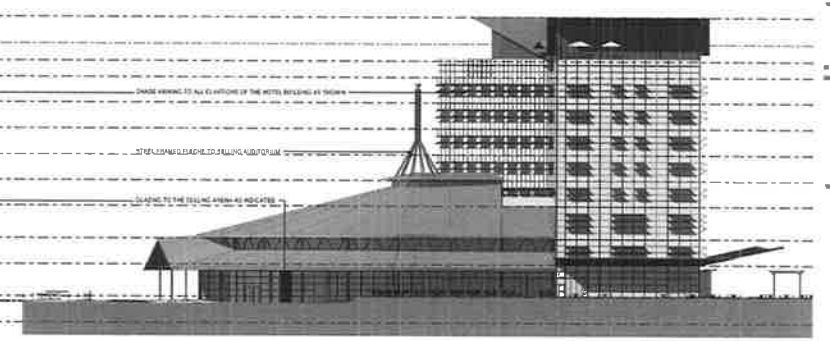


1 Elevation 1 - West
1 : 200 @A0

2 Elevation 2 - South
1 : 200 @A0



3 Elevation 3 - East
1 : 200 @A0



4 Elevation 4 - North
1 : 200 @A0

development application

(31515) d 1:50C

Hotel & Auditorium - Elevations

Hotel & Auditorium

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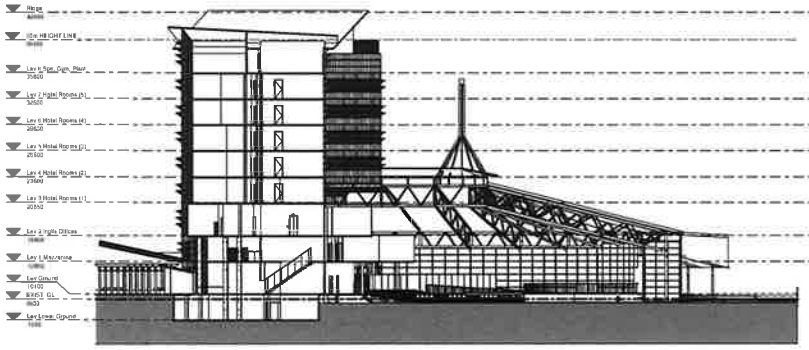
architect

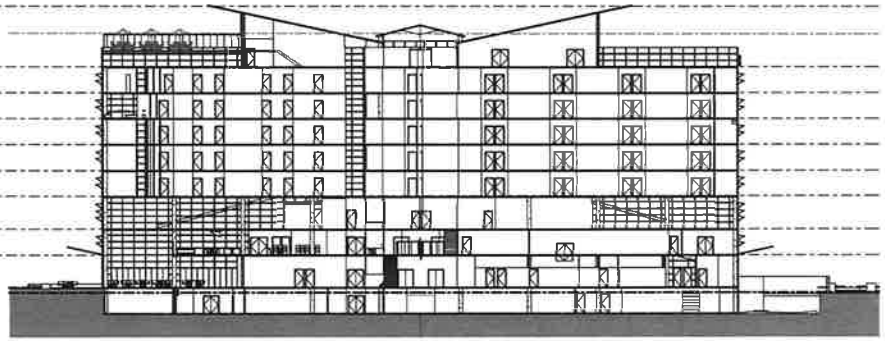
Inglis Relocation Warwick Farm

Client
William Inglis & Son

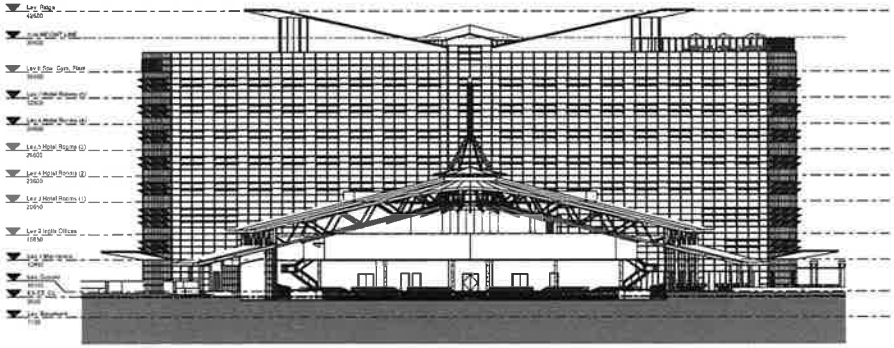
10/12/2015 11:45:15 AM



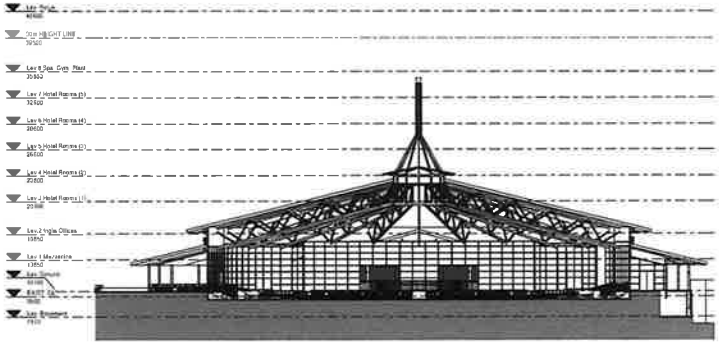
1 Hotel & Auditorium Section 1
1 : 200



2 Hotel & Auditorium Section 2
1 : 200



5 Hotel & Auditorium Section 3
1 : 200



4 Hotel & Auditorium Section 4
1 : 200

development application

3151 a d 151C

Hotel & Auditorium + Sections

1 : 200 @A0

Hotel & Auditorium

DA

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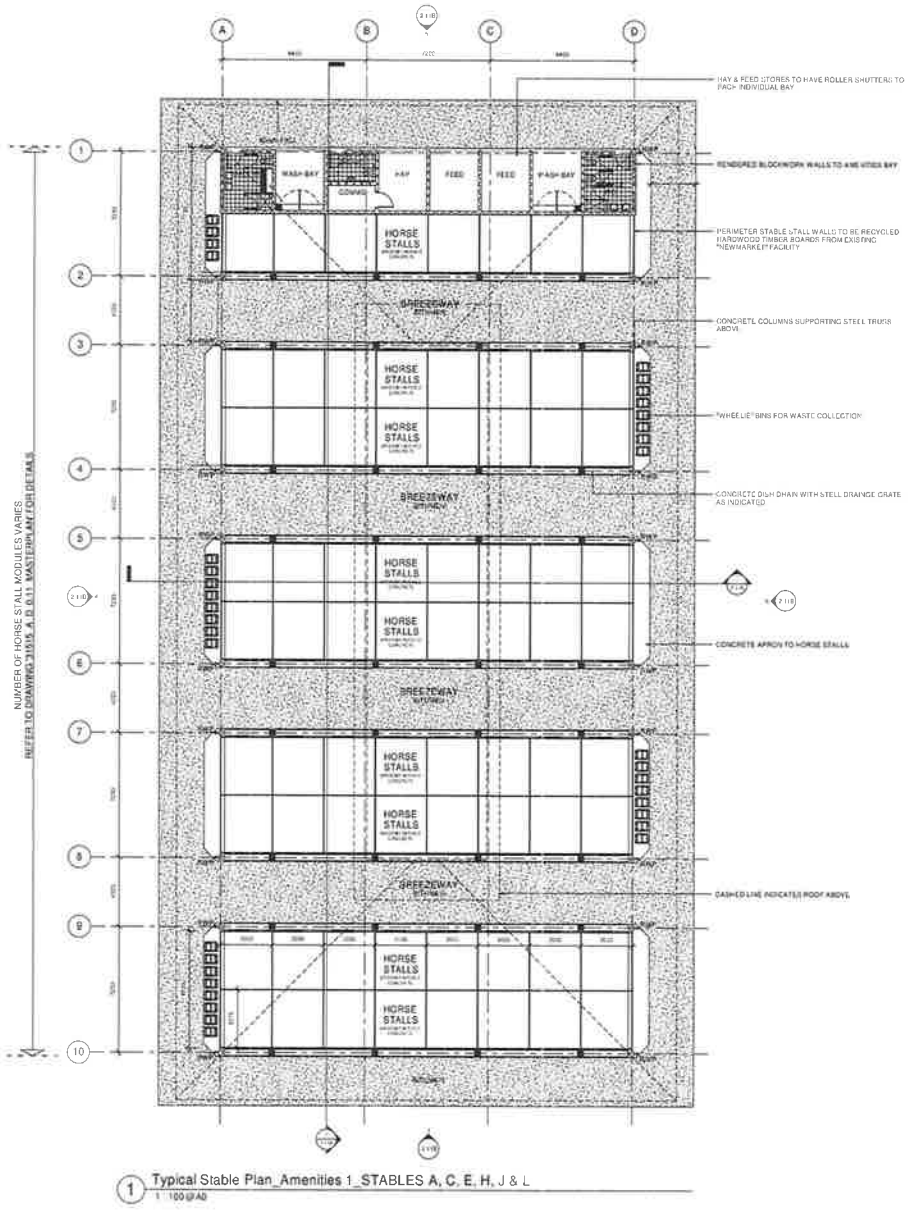
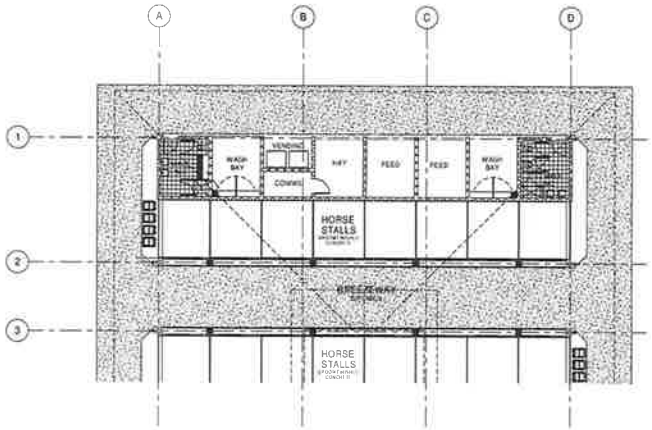
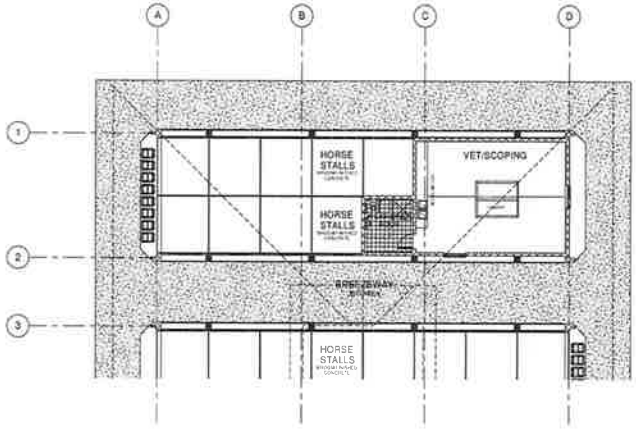
William Inglis & Son



1 Typical Stable Plan_Amenities 1_STABLES A, C, E, H, J & L
1 : 100 @ A0



2 Typical Stable Plan_Amenities 2_STABLES B, D, F, G, I & K
1 : 100 @ A0



3 Typical Stable Plan_Veterinary Module_STABLES F & G
1 : 100 @ A0

0m 1m 5m 10m

development application

31515 d 2.10B

Typical Stable_Plans

STABLES

DR

architect

Inglis Relocation
Warwick Farm

William Inglis
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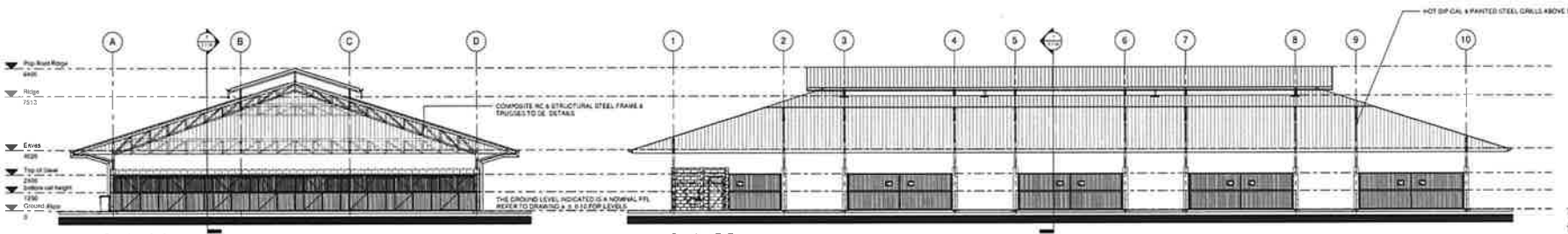
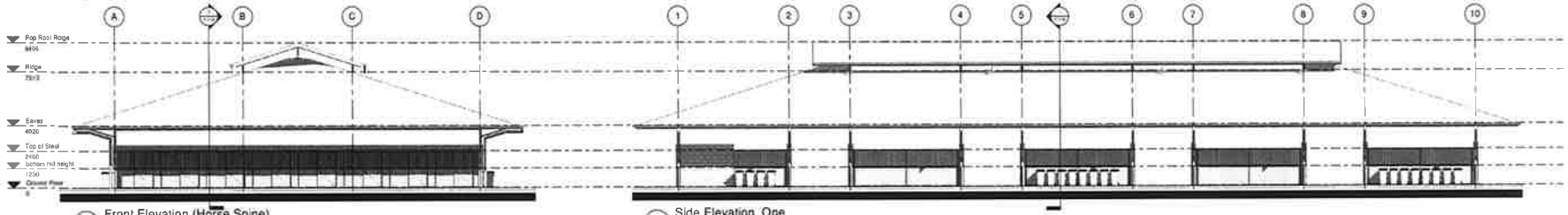


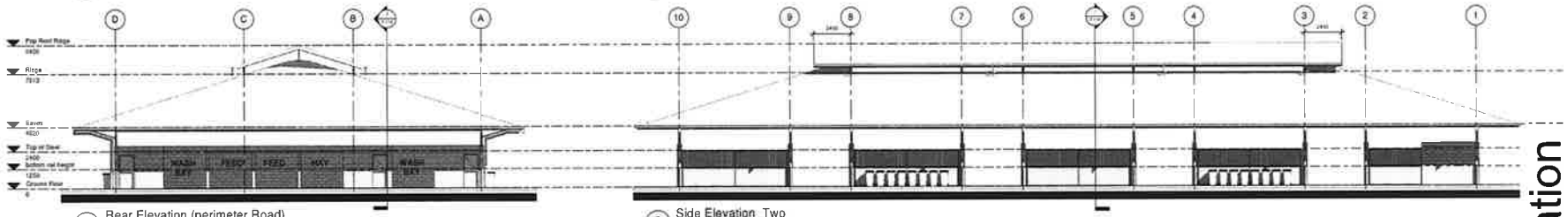
1 Section A-A
1 : 100 @A0

2 Section B-B
1 : 100 @A0



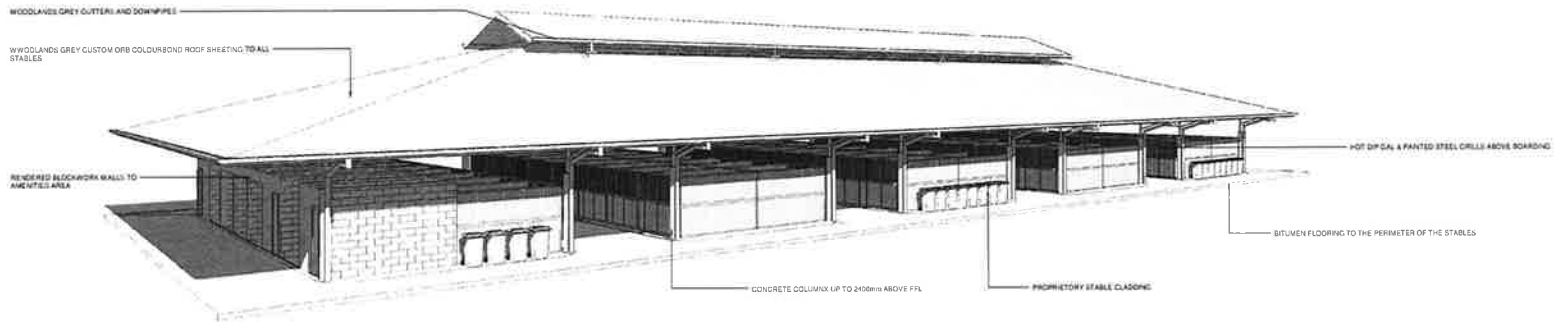
3 Front Elevation (Horse Spine)
1 : 100 @A0

4 Side Elevation_One
1 : 100 @A0



5 Rear Elevation (perimeter Road)
1 : 100 @A0

6 Side Elevation_Two
1 : 100 @A0



7 Stable Perpsective
NTS @A0

development application

3151 a d 211B

Typical Stables_Elevations & Sections

1:100 @ A1

STABLES

DA

architect

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Warwick Farm

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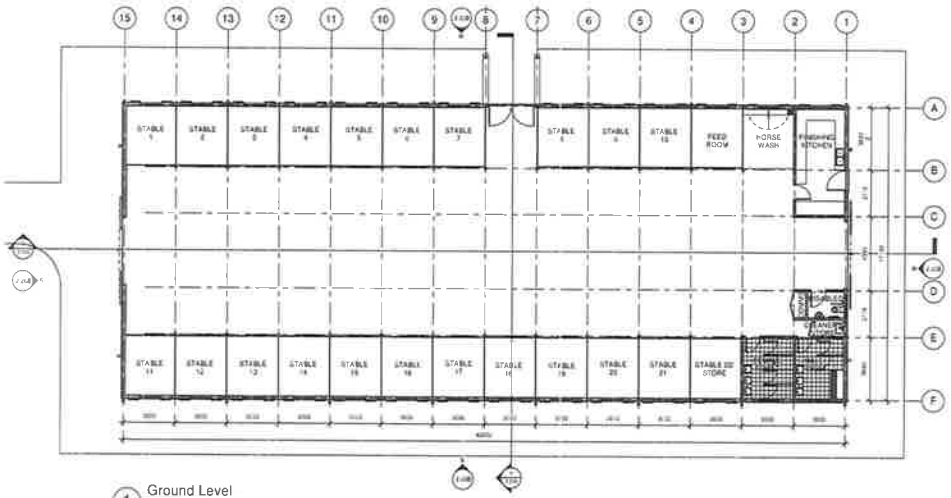
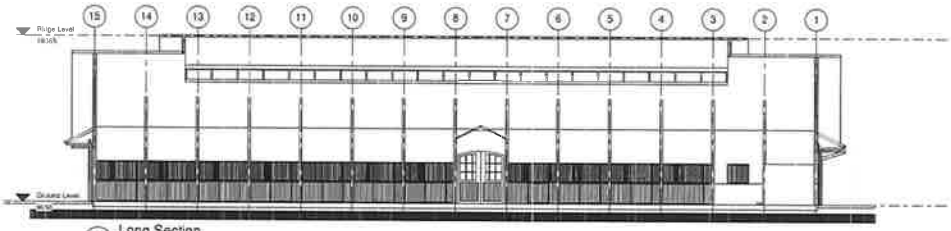
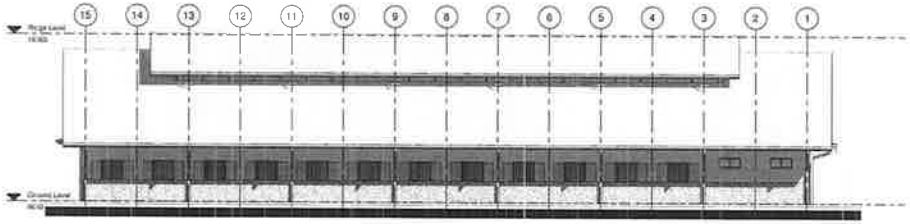


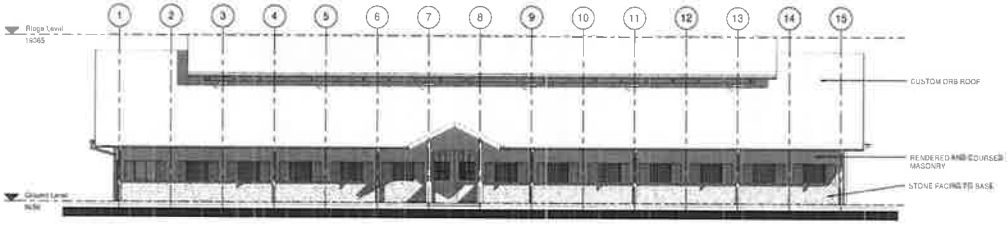
1 Ground Level
1 : 100 @A0



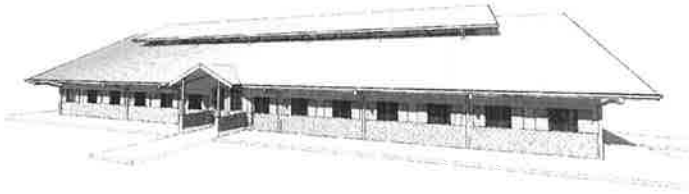
2 Long Section
1 : 100 @A0



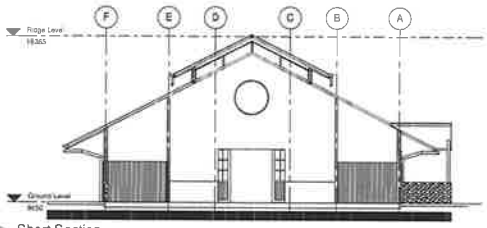
E East Elevation
1 : 100 @A0



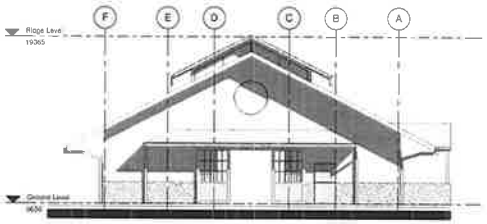
W West elevation
1 : 100 @A0



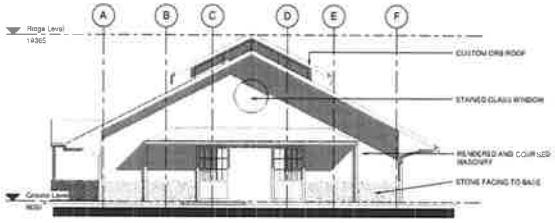
5 Perspective
NTS @A0



6 Short Section
1 : 100 @A0



N North Elevation
1 : 100 @A0



S South Elevation
1 : 100 @A0

development application

3151 | d | 2 | 20B

Stable 6 - Plans, Elevations, Sections

1 : 100 @ A1

STABLES

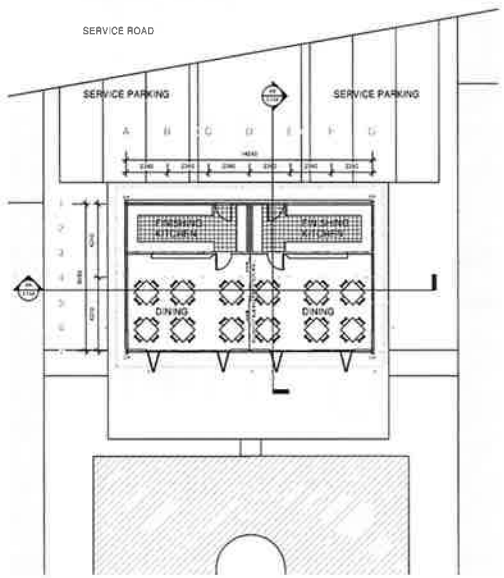
DA

architect

Inglis Ireleadhan
Warwick Farm

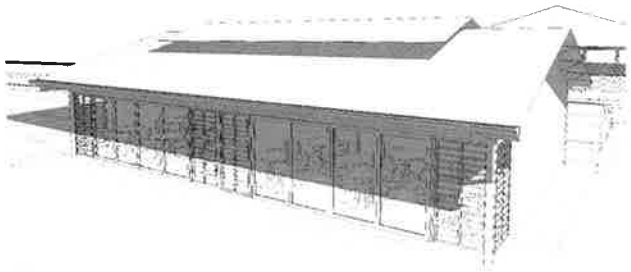
client

Wilson Inglis
& Son

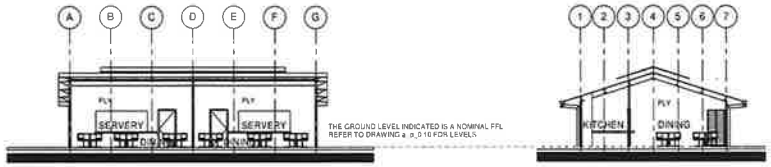


1 Typical Hospitality Suite Plan_Suites B,C,D,E,F,G,H,I,J & K
1 : 100

NOTE Hospitality Suite A design as per Typical with dimensions modified to suit site

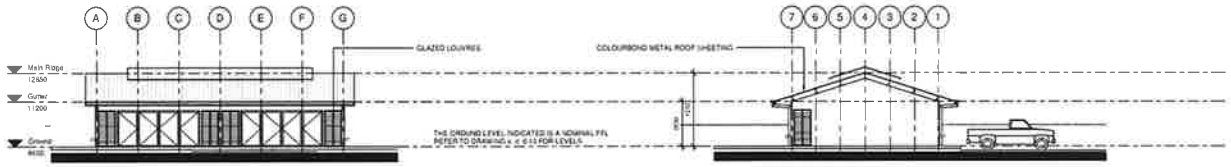


7 Perspective 1



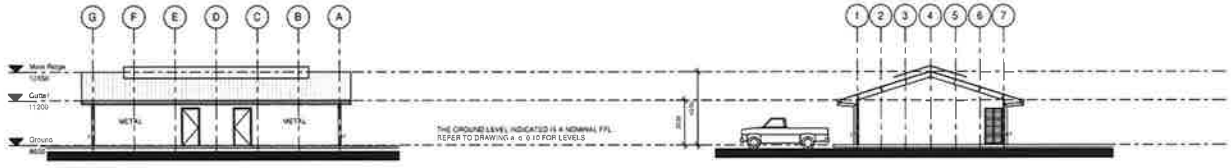
AA Section A-A
1 : 100

BB Section B-B
1 : 100



2 Front Elevation (Horse Spine)
1 : 100

4 Side Elevation_ One
1 : 100



3 Rear Elevation (Perimeter Road)
1 : 100

5 Side Elevation_ Two
1 : 100

0m 1m 5m 10m

development application

3151 | a | d | 3.10A

Typical Hospitality Suite - Plans, Elevations, Sections

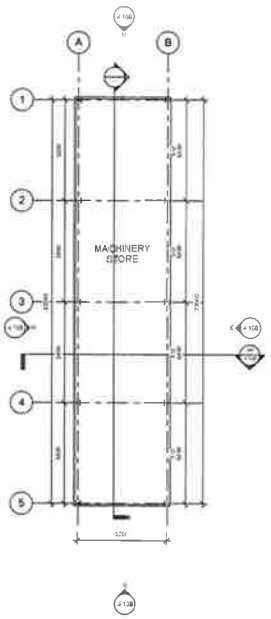
Stable

DA

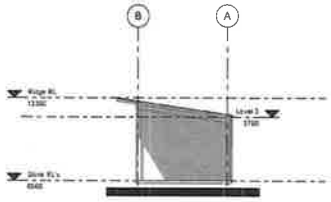
architect

Ingis Relocation
Warwick Farm

Wilson Ingis & Son

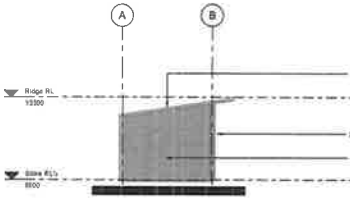


1 Machinery Store Plan
1 : 100

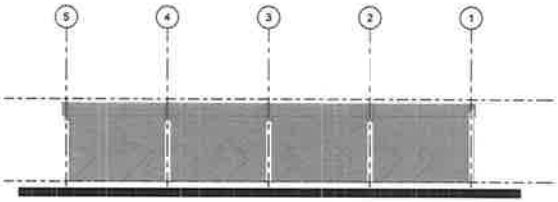


AA Section AA
1 : 100

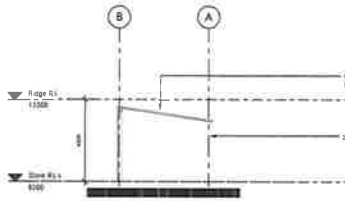
2 Perspective 1



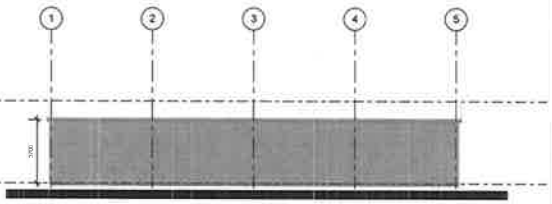
S South Elevation
1 : 100



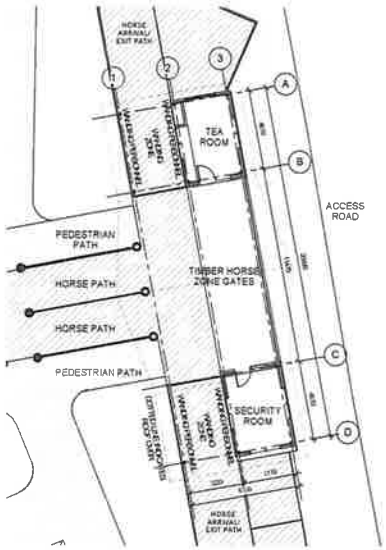
E East Elevation
1 : 100



N North Elevation
1 : 100

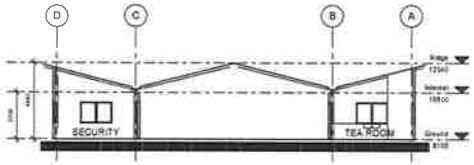


W West Elevation
1 : 100



S1 East Entry Security Zone
1 : 100

S2 Security Zone Perspective



S3 Security Zone Section
1 : 100

0m 1m 5m 10m

N

development application

3151 | d | 410B

Machinery Store & East Entry Security Zone

DA

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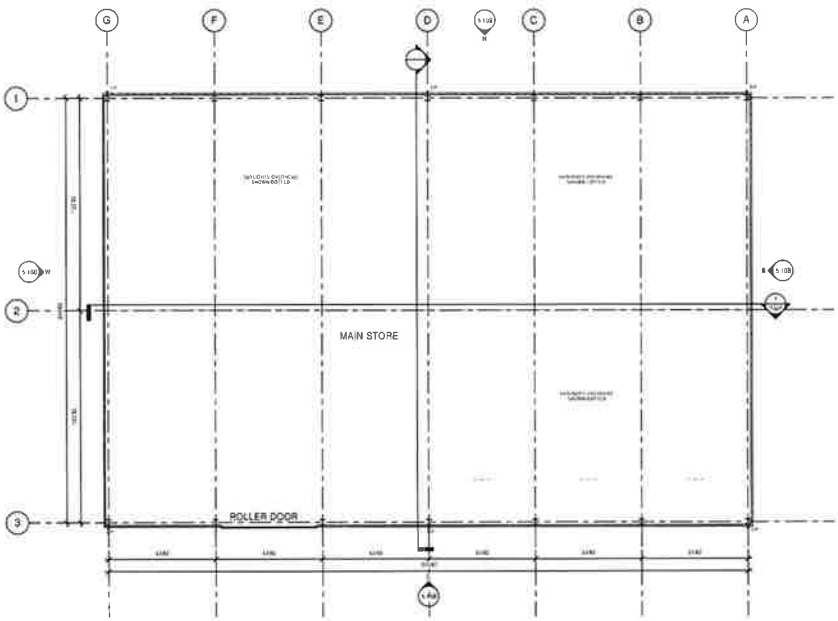
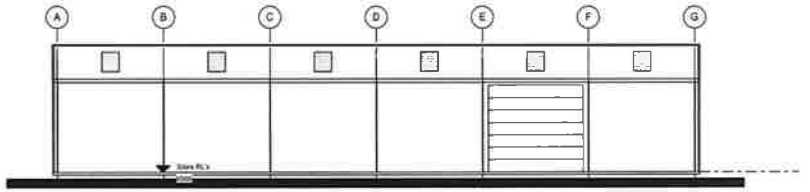
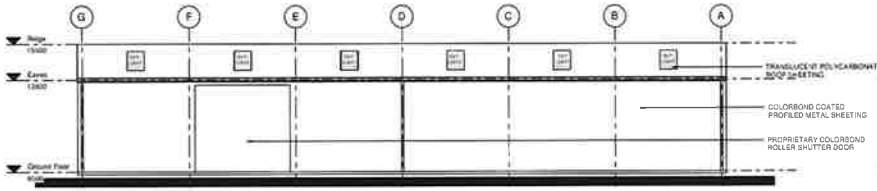


1 Main Store Plan
1 : 100

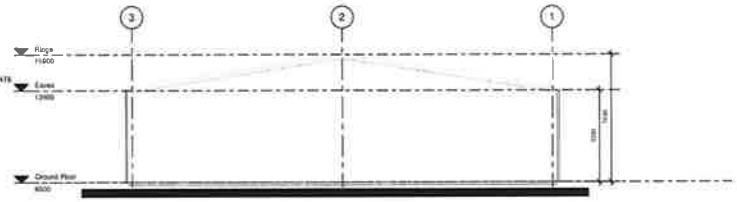


6 Section 1
1 : 100

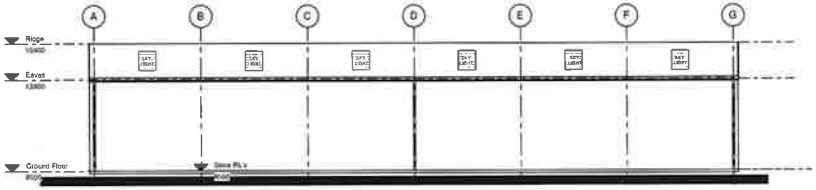
8 3D View 1



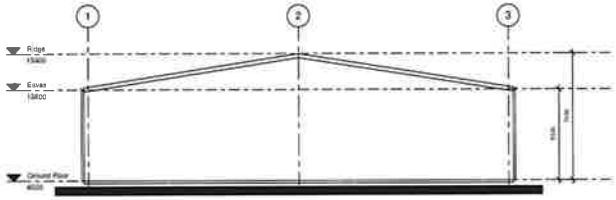
S South Elevation
1 : 100



E East Elevation
1 : 100



N North Elevation
1 : 100



W West Elevation
1 : 100

0m 1m 5m 10m

development application

2315 d 5.10B

Main Store - Plans, Elevations, Sections

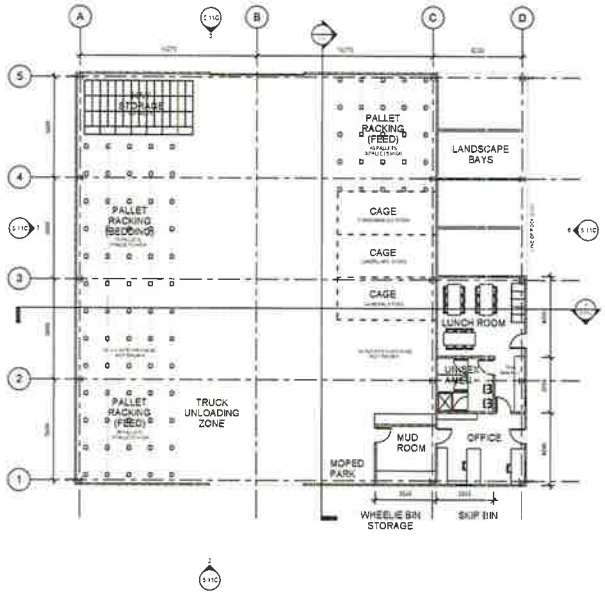
Hotel & Auditorium

DA

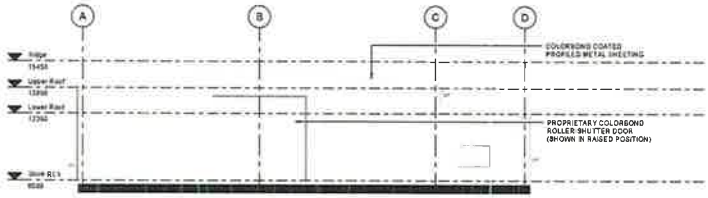
architect

Inglis Relocation
Warwick Farm

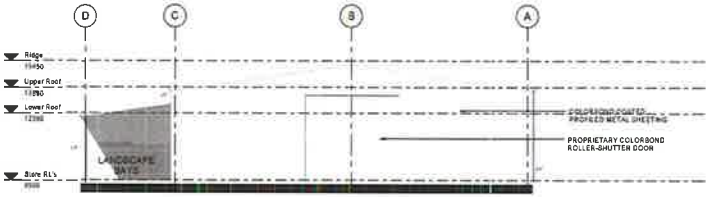
William Inglis & Son



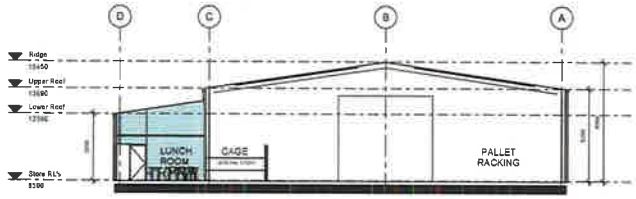
1 Feed/ Hay Store Plan
1 100



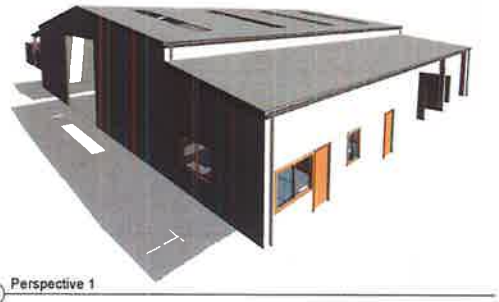
2 South Elevation
1 100



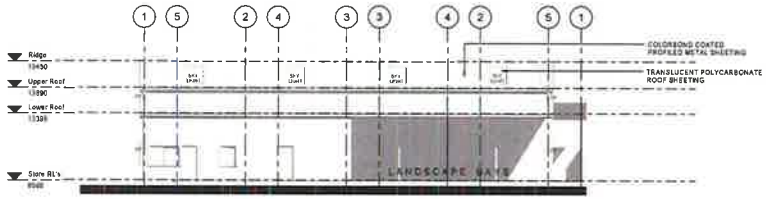
3 North Elevation
1 100



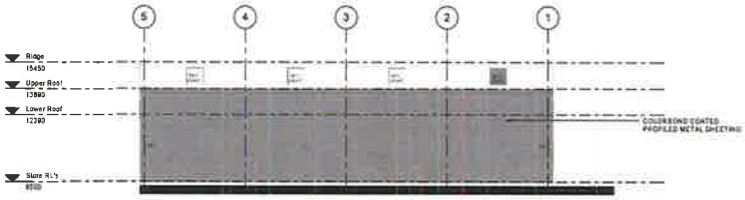
4 Section 1
1 100



5 Perspective 1



6 East Elevation
1 100



7 West Elevation
1 100

0m 1m 5m 10m

N

development application

3151 a d 511C

Feed/ Hay Store - Plans, Elevations, Sections

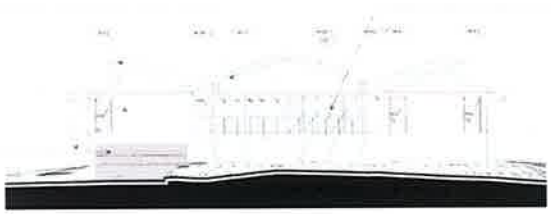
1 : 100 @ A1

DA

architect

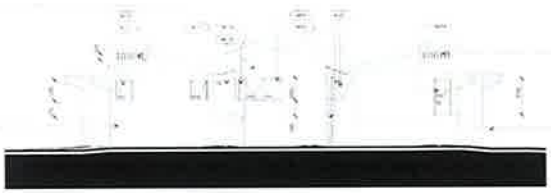
Inglis Relocation
Warwick Farm

William Inglis & Son



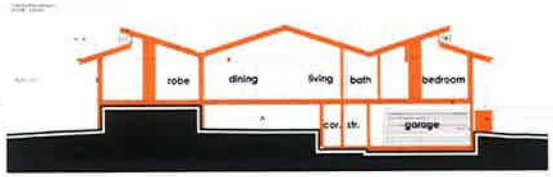
① east elevation (river)
scale 1:100

② north elevation
scale 1:100

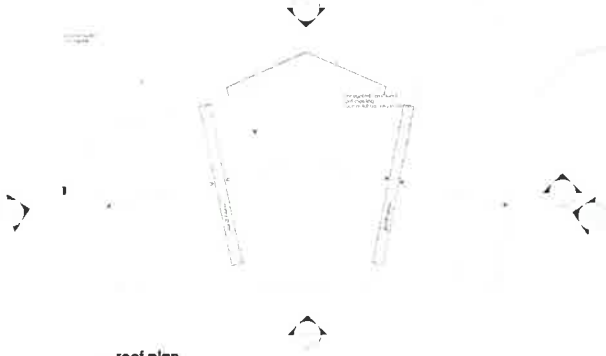


③ west elevation
scale 1:100

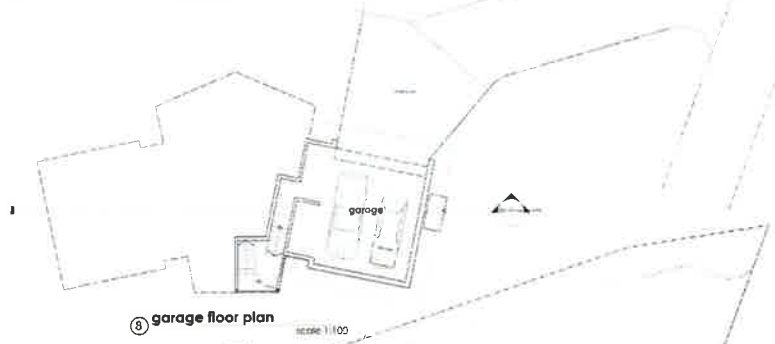
④ south elevation
scale 1:100



⑤ section aa
scale 1:100



⑦ roof plan
scale 1:100



⑧ garage floor plan
scale 1:100

⑨ ground floor plan
scale 1:100

Managers Residence

1:100 @A0

Managers Residence

DA

architect

Inglis Relocation
Warwick Farm

Wilson Inglis
& Son

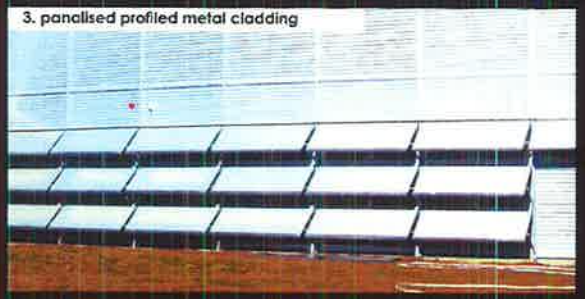
31515 | d | 6/10B

2. painted structral steel

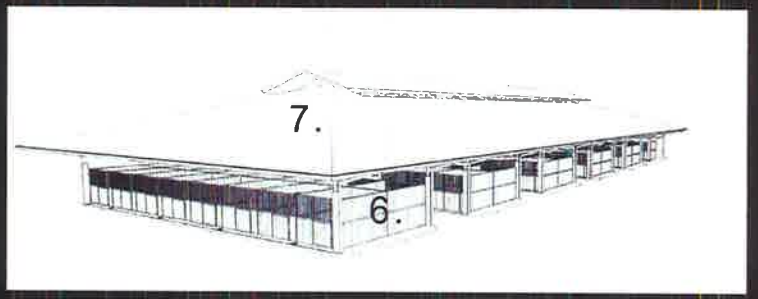
5. glass awning

8. steel and PTFE roof

3. panalised profiled metal cladding



6. proprietry stall



4. sandstone cladding

7. zincalume roof cladding

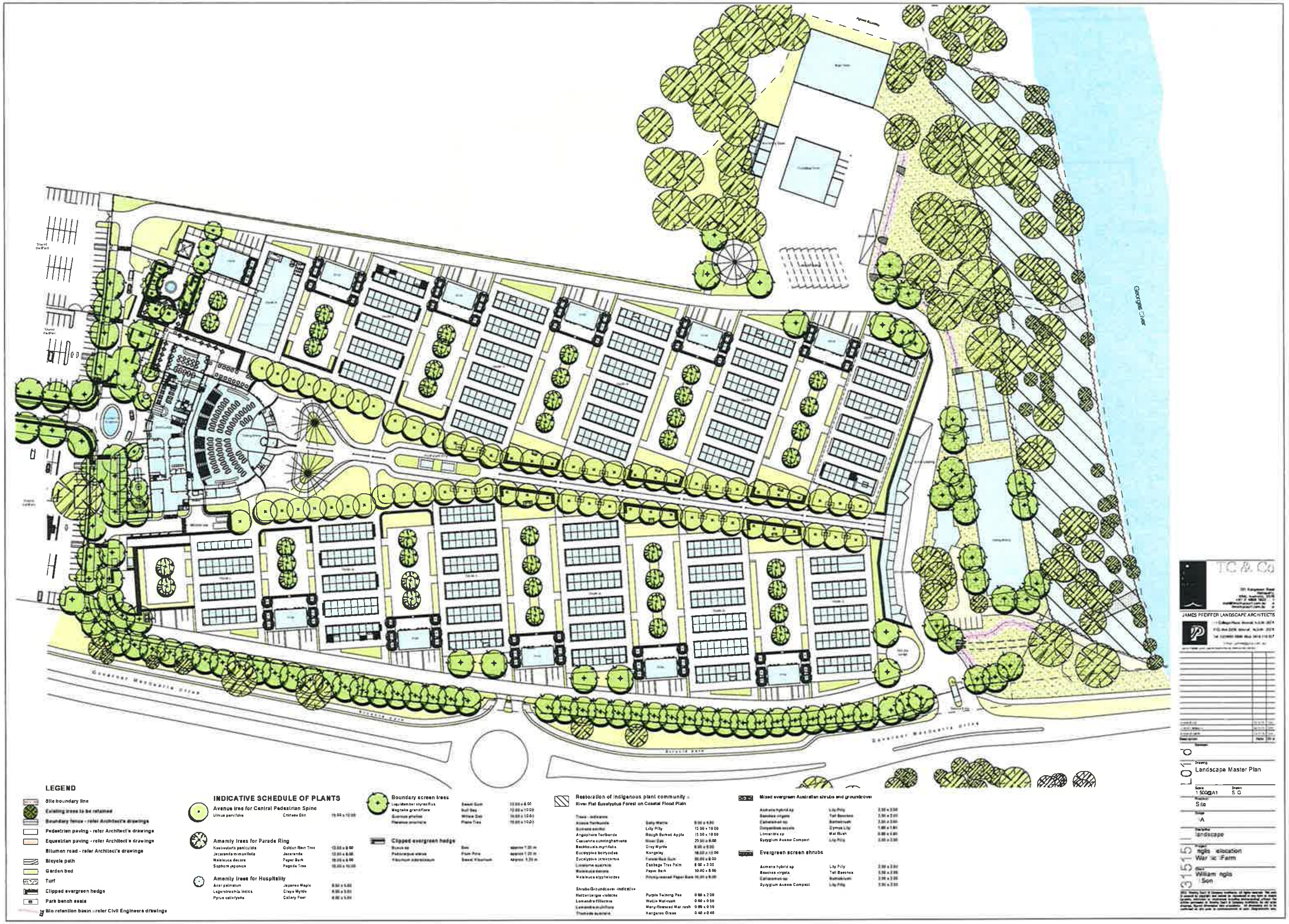
31515 Inglis Relocation
Warwick Farm

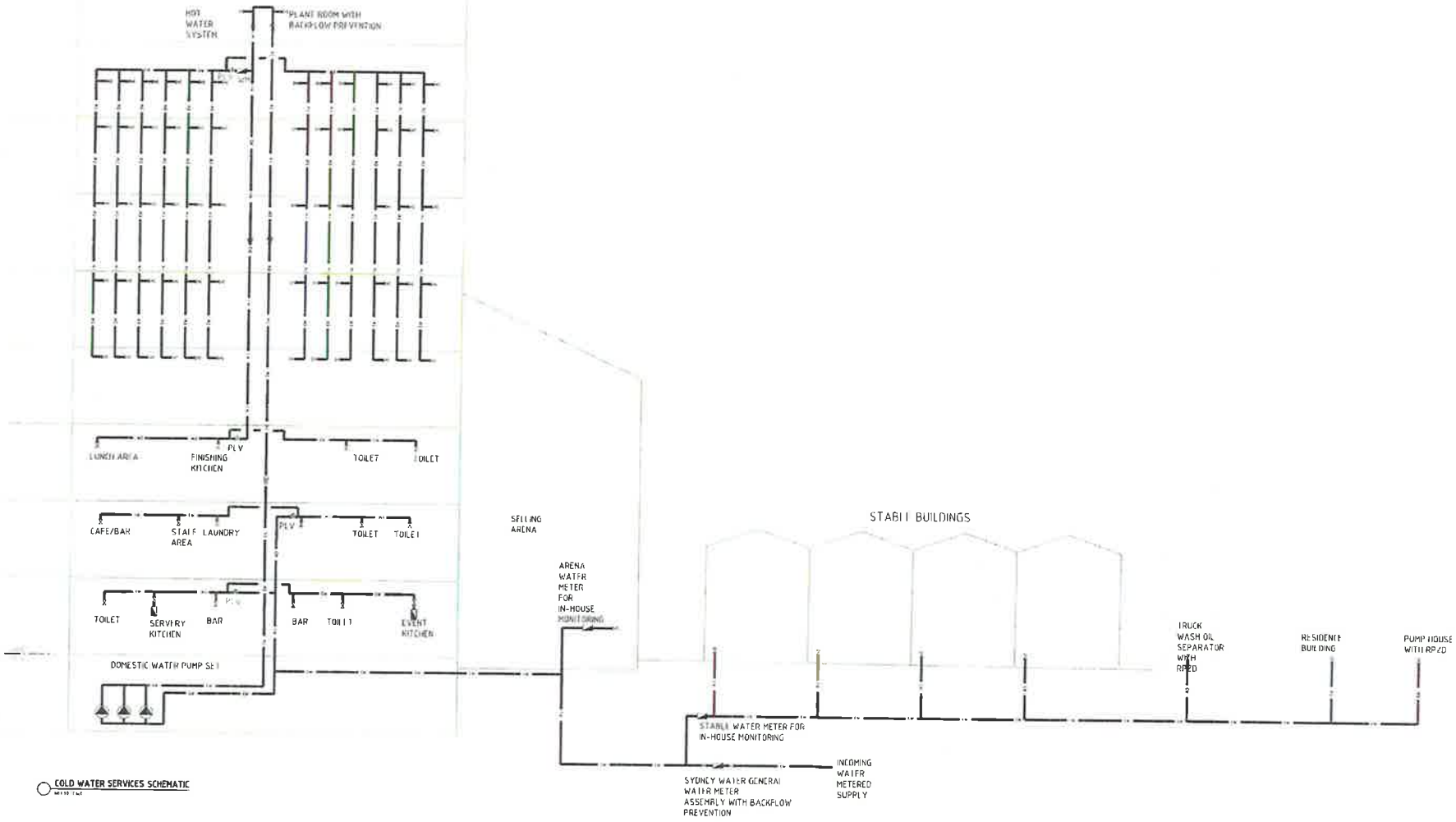
William Inglis and Son

Sample Materials Brochure

04.6.1.**01 a**

02. 05. 2016


Georges River
Governor Macquarie Drive
LEGEND
Site boundary line
Pedestrian paving - refer Architect's drawings
Equestrian paving - refer Architect's drawings
Bitumen road - refer Architect's drawings
Bicycle path
Garden bed
Turf
Clipped evergreen hedge
Park bench seats
Bio retention basin - refer Civil Engineers drawings
INDICATIVE SCHEDULE OF PLANTS
Avenue tree for Central Pedestrian Spine
Ulmus parvifolia Chinese Elm
Amenity trees for Parade Ring
Koelreuteria paniculata Golden Rain Tree
Jacaranda mimosifolia Jacaranda
Melaleuca decora Paper Bark
Sophora japonica Pagoda Tree
Amenity trees for Hospitality
Acer palmatum Japanese Maple
Lagerstroemia indica Crepe Myrtle
Pyrus calleryana Callery Pear
Boundary screen trees
Liquidambar styraciflua
Magnolia grandiflora
Clipped evergreen hedge
Restoration of indigenous plant community
River Flat Eucalyptus Forest on Coastal Flood Plain
Angophora floribunda Rough Barked Apple
Casuarina cunninghamiana
Backhousia myrtifolia Grey Myrtle
Eucalyptus botryoides Mangeley
Eucalyptus tereticornis
Cabbage Tree Palm
Melaleuca styphelioides Paper Bark
Shrubs/Groundcover - indicative
Hardenbergia violacea Purple Twining Pea 0.60 x 2.00
Lomandra filiformis Wattle Mat-rush 0.60 x 0.50
Many-flowered Mat rush 0.60 x 0.50
Kangaroo Grass 0.40 x 0.40
Mixed evergreen Australian shrubs and groundcover
Lomandra sp Mat Rush
Syzygium Aussie Compact Lilly Pilly
Evergreen screen shrubs
Acmena hybrid sp Lilly Pilly
Baeckea virgata Tall Baeckea
Syzygium Aussie Compact
TC & Co
JAMES PFEIFFER LANDSCAPE ARCHITECTS
Drawing
Landscape Master Plan
Scale
1:500@A1
Drawn
S G
Site
A
landscape
Project
War ic Farm
William ngls
Son
L01 p
31515



COLD WATER SERVICES SCHEMATIC

WILLIAN INGLIS AND SON

NORTHROP

Sydney

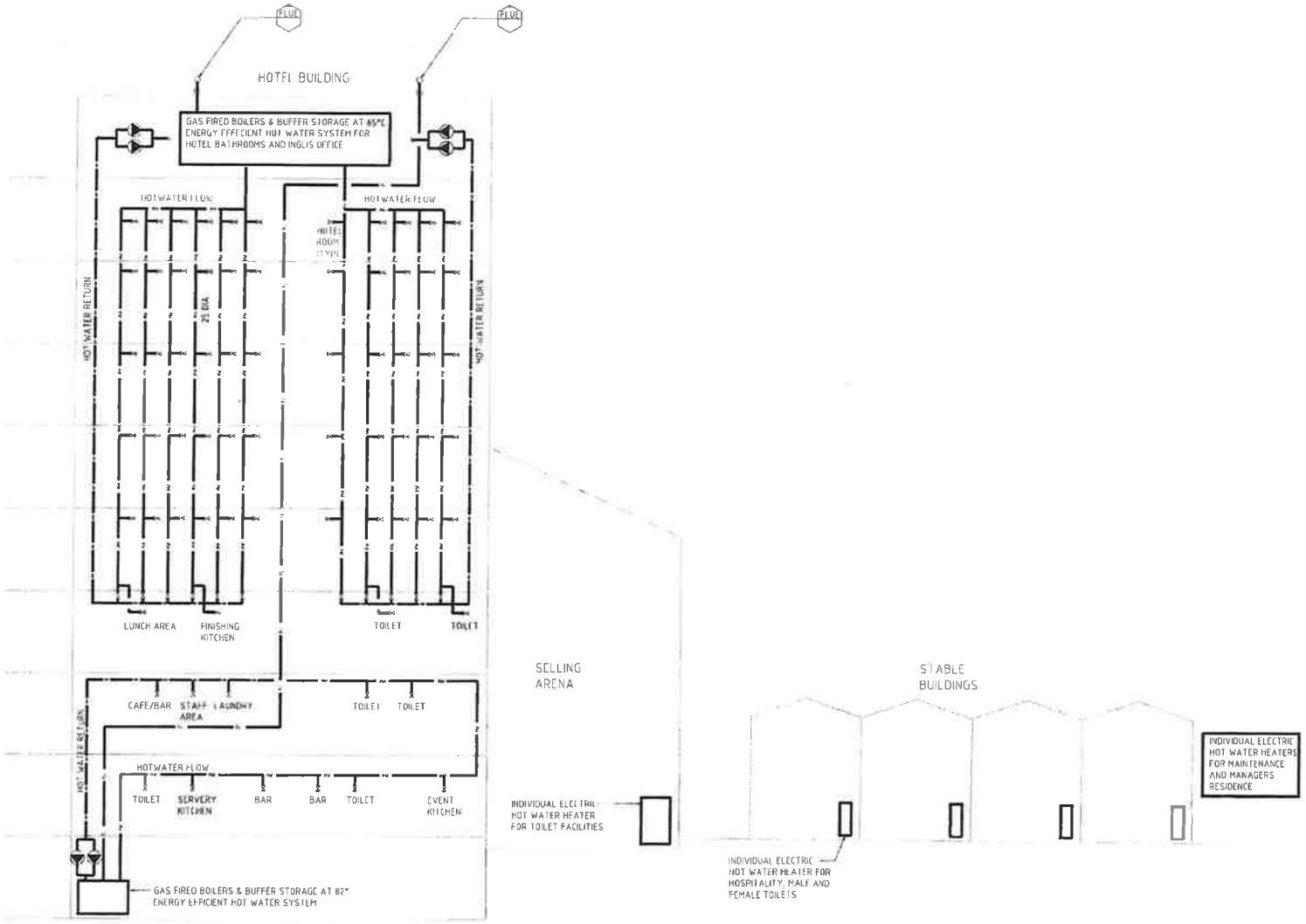
INGLIS SELLING CENTRE RELOCATION

HYDRAULIC SERVICES COLD WATER SCHEMATIC SHEET

150584

H12

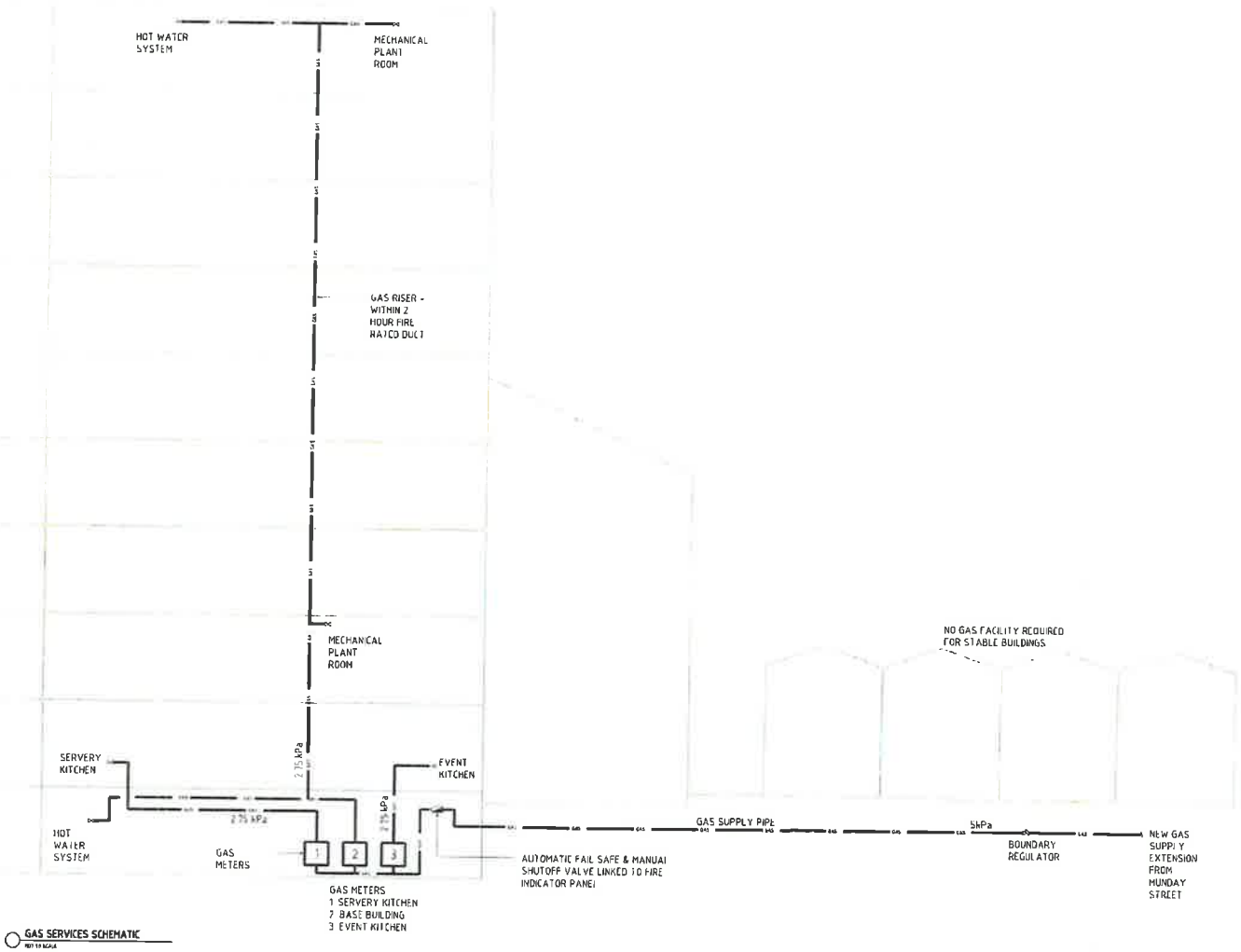
1



HOT WATER SERVICES SCHEMATIC

NOT TO SCALE

CLIENT	WILLIAN INGLIS AND SON
	NORTHROP Sydney
PROJECT	INGLIS SELLING CENTRE RELOCATION
	HYDRAULIC SERVICES HOT WATER SCHEMATIC SHEET
JOB NUMBER	150584
DRAWING NUMBER	H13
REVISION	1



GAS SERVICES SCHEMATIC

NOT TO SCALE

WILLIAM INGLIS AND SON

NORTHROP

Sydney

INGLIS SELLING CENTRE RELOCATION

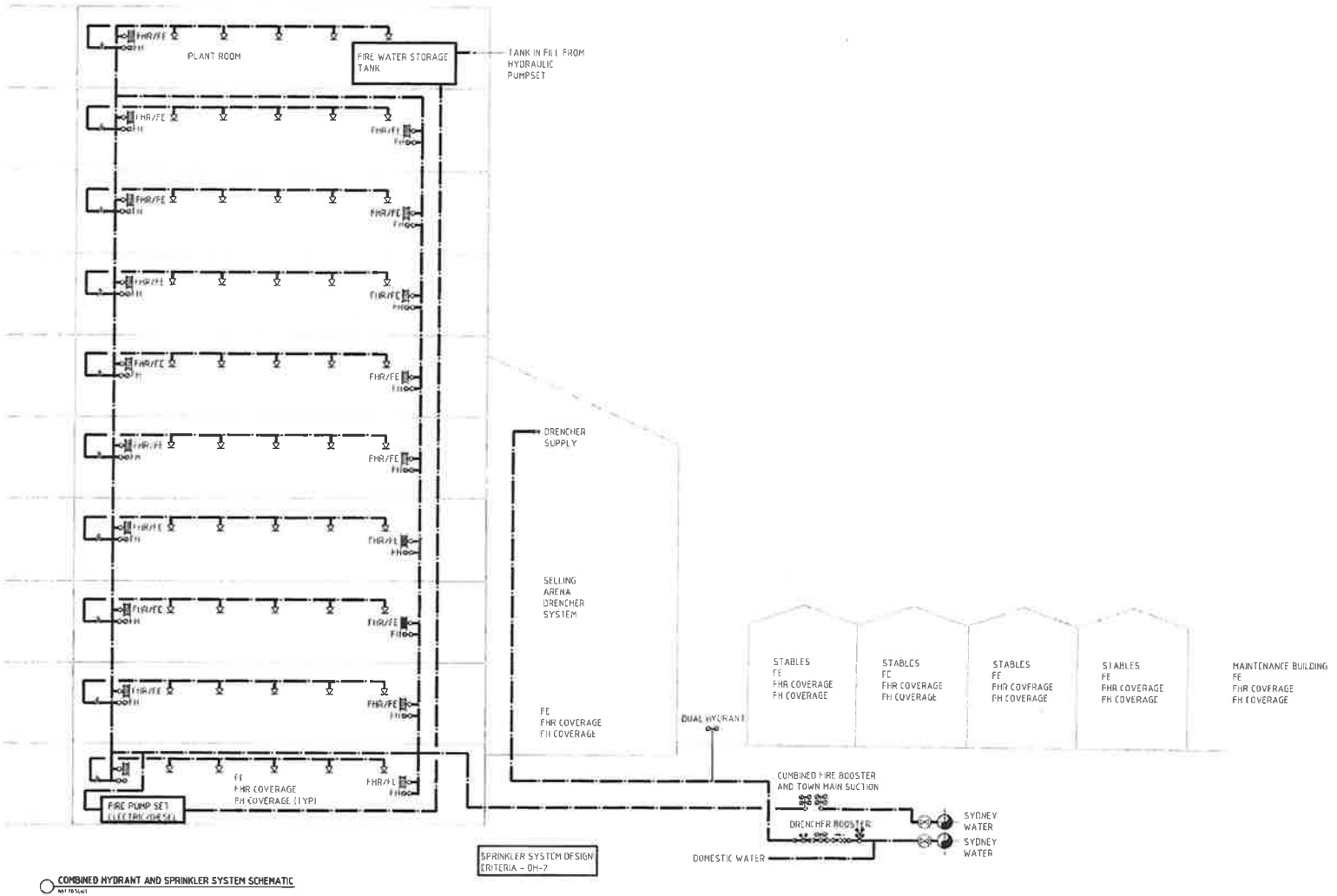
HYDRAULIC SERVICES GAS WATER SCHEMATIC

SHEET

150584

H14

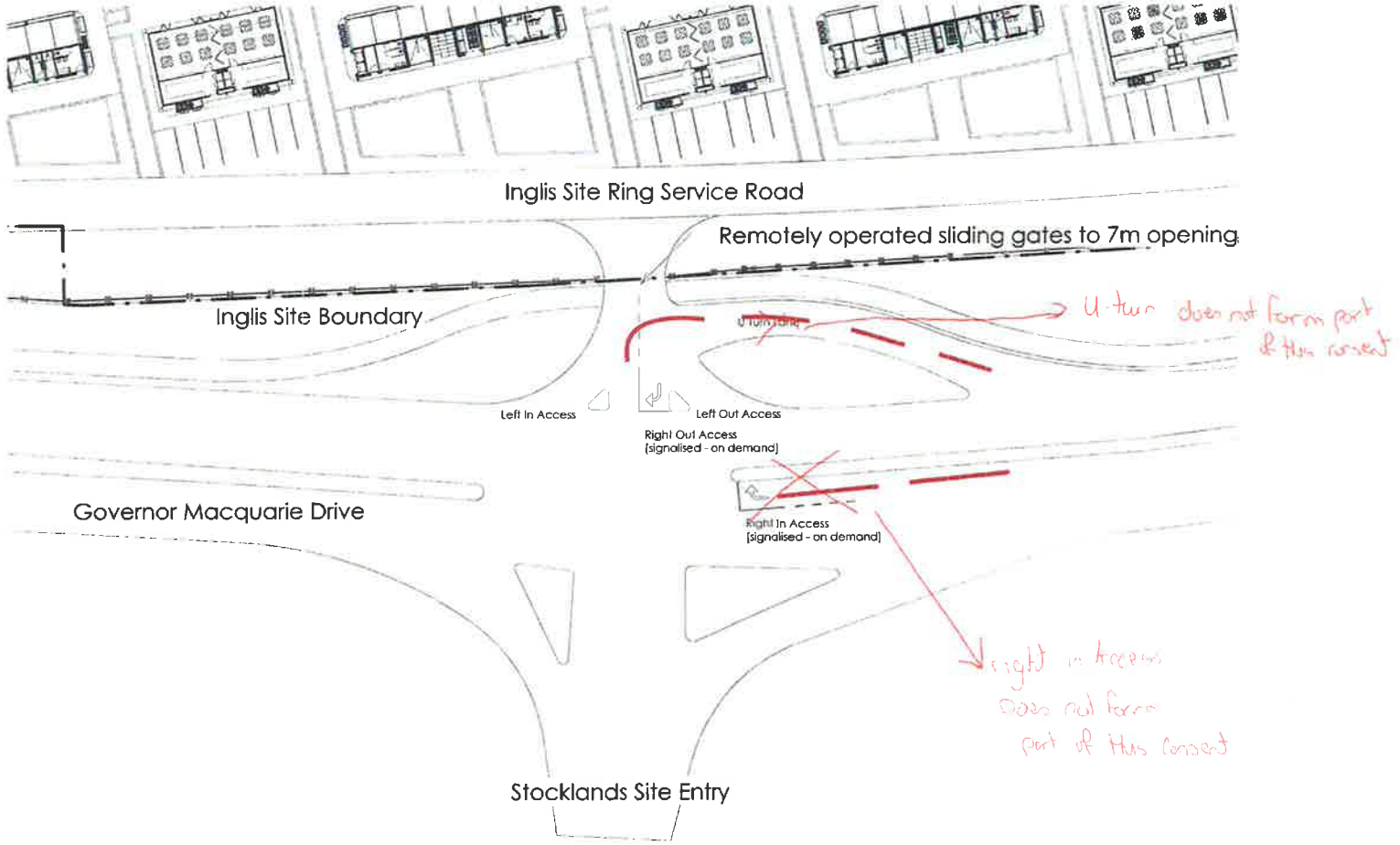
1



COMBINED HYDRANT AND SPRINKLER SYSTEM SCHEMATIC
NOT TO SCALE

CLIENT	WILLIAN INGLIS AND SON
PROJECT	INGLIS SELLING CENTRE RELOCATION
	HYDRAULIC SERVICES FIRE SERVICES SCHEMATIC SHEET
JOB NUMBER	150584
DRAWING NUMBER	H15
REVISION	1

NORTHROP
Sydney



1 **Masterplan - GMD**
1 : 500 @ A3

Timothy Court & Company Architects
The Old Court House
14 Bendooley St, Bowral
NSW, Australia, 2576
+61 2 4868 1822 .t
mail@timothycourt.com.au .e
timothycourt.com.au .w

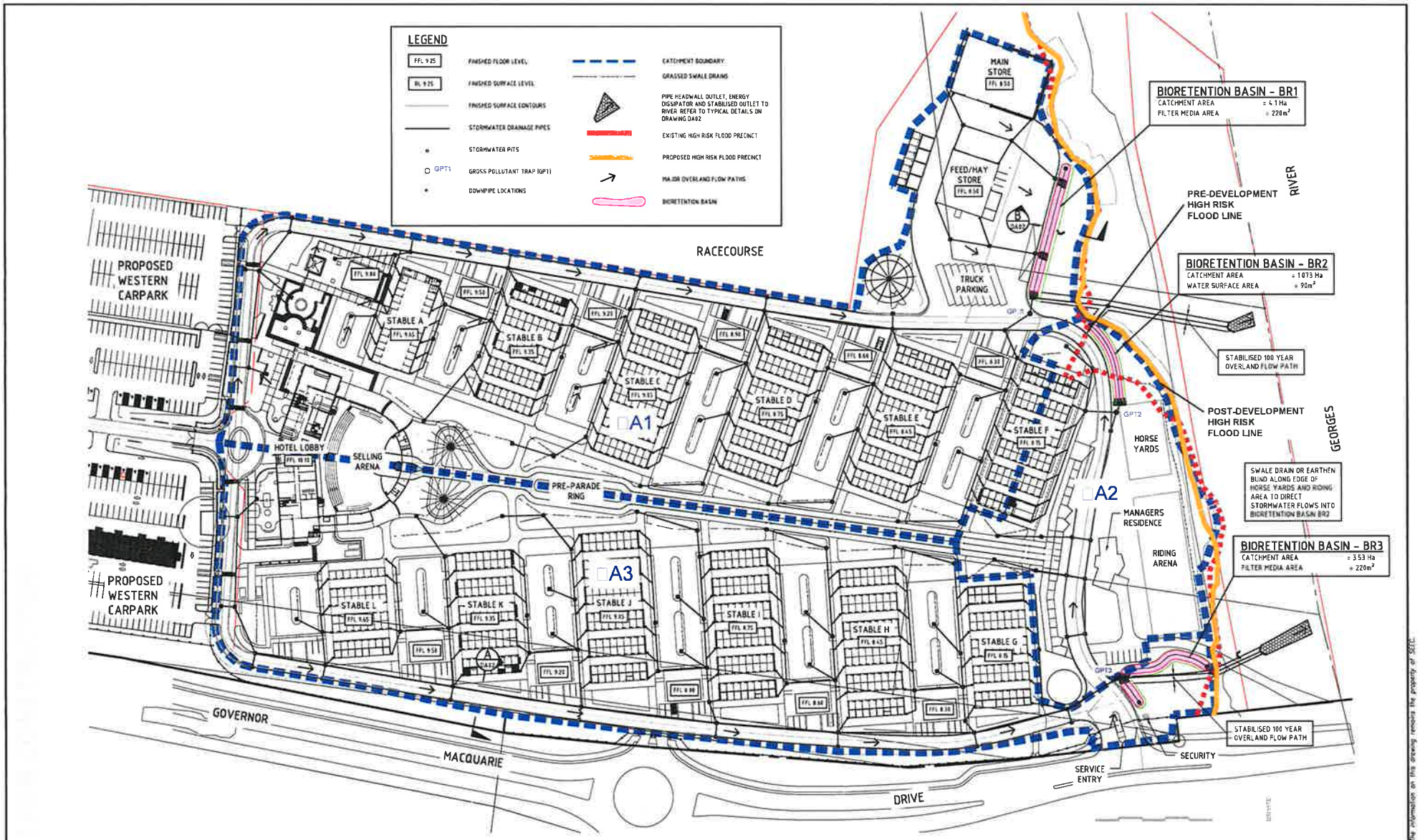
Inglis Relocation Warwick Farm
William Inglis & Son

Design Advice Sketch

Drawing
GMD Signalised Intersection Op.2

Drawn TC&Co | Scale 1 : 500 @ A3

8.001
31515



REV	DATE	DES.	DRN.	APP.	REVISION DETAILS
00	10/12/15	J.M.A	M.R	M.P	ISSUE FOR DA APPROVAL
C	8/12/15	J.M.A	M.R	M.P	BIORETENTION BASIN LOCATIONS AMENDED
B	19/11/15	J.M.A	J.A	M.P	MINOR REVISIONS TO BIORETENTION BASIN SIZES
A	13/11/15	J.M.A	J.A	M.P	DRAFT DA ISSUE - FOR REVIEW

DRAWING STATUS

DESIGN BY	J.M.A
DRAWN BY	J.A
FINAL APPROVAL	M.P
SCALE: (on A1 Original)	1:750

DA

North

CLIENT: WILLIAM INGLIS & SON

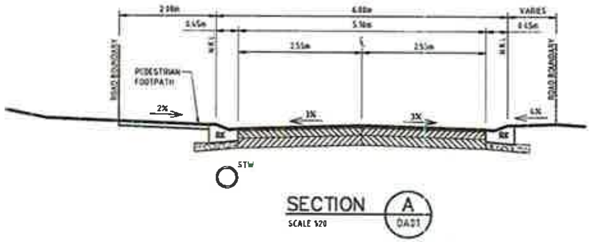
SEEC
Suites 7 & 8, 68-70 Station Street
PO Box 1098, Bowral NSW 2576
(t) 02 4862 1533
(f) 02 4862 3086
email: reception@seec.com.au
WWW.SEEC.COM.AU

PROJECT TITLE: INGLIS RELOCATION WARWICK FARM

DRAWING TITLE: SURFACE WATER MANAGEMENT PLAN

PROJECT NO.	SUB-PR NO.	DRAWING NO.	REV
15000193	P02	DA01	00

Plot Date: Thursday, 10 December 2015 3:50:59 PM CAD File Name: I:\15000193 Inglis Soles Centre - Warwick Farm\Drawings\15000193_P02_DA_REV07.dwg



SECTION (A / DA01)
SCALE 1:20

SECTION A - TYPICAL SECTION THROUGH ROAD

BIORETENTION BASIN SPECIFICATION

MEDIA
THE FILTRATION MEDIA SHALL BE A WELL GRADED LOAMY SAND WITH
- HYDRAULIC CONDUCTIVITY (ASTM F1815-06) BETWEEN 100 AND 300mm/HOUR
- PH BETWEEN 5.5 AND 7.5
- ORGANIC CONTENT WITHIN A RANGE OF 3-5%
- ELECTRICAL CONDUCTIVITY LESS THAN 1.2 dS/m
- ORTHOPHOSPHATE CONTENT LESS THAN 55 mg/kg

SUBJECT TO ADEQUATE HYDRAULIC CONDUCTIVITY THE FOLLOWING PARTICLE SIZE DISTRIBUTION IS A GUIDE

CLAY AND SILT	<3%	(<0.05mm)
VERY FINE SAND	5-30%	(0.05 - 0.15mm)
FINE SAND	10-30%	(0.15 - 0.25mm)
MED-COARSE SAND	40-60%	(0.25 - 1.0mm)
COARSE SAND	7-10%	(1.0 - 2.0mm)
FINE GRAVEL	<3%	(2.0-3.4mm)

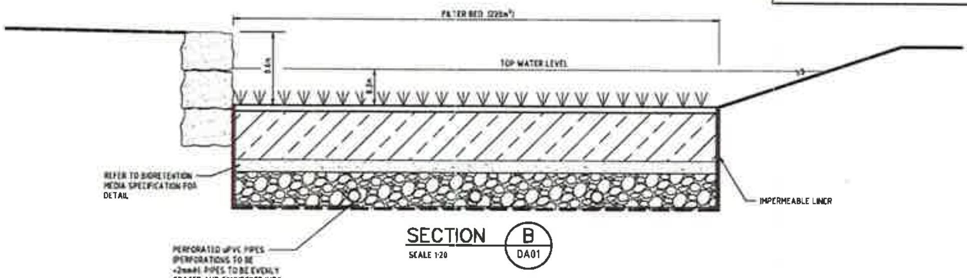
THE FILTRATION MEDIA WILL BE COMPACTED WITH ONE PASS ONLY OF A VIBRATORY PLATE COMPACTER OR DRUM LAWN ROLLER.

THE TRANSITION LAYER SHALL BE CLEAN, WELL-GRADED SAND CONTAINING LITTLE OR NO CLAY AND SILT (<2% FINES)

THE SUBMERGED ZONE/DRAINAGE LAYER IS TO BE CLEAN, FINE GRAVEL 2 - 5 mm WASHED SCREENINGS AND CARBON (5% WOODCHIPS)

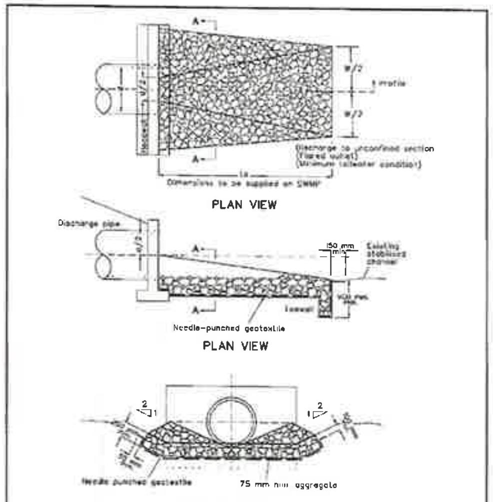
VEGETATION
NATIVE VEGETATION IS TO BE PLANTED WITHIN THE BIORETENTION BASIN
EXAMPLE PLANTS INCLUDE
- *Carex appressa*
- *Melaleuca ericifolia*
- *Goodenia ovata*
- *Ficinia nodosa*
- *Juncus amabilis*
- *Juncus flavidus*

PLANTS TO BE PROVIDED AT A DENSITY OF 8 PLANTS/m²



SECTION (B / DA01)
SCALE 1:20

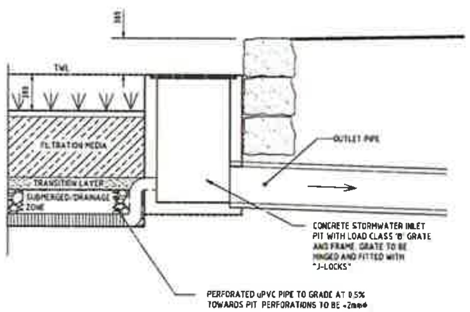
TYPICAL CROSS SECTION THROUGH BIORETENTION BASIN



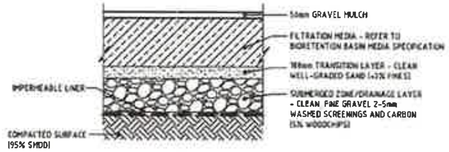
Construction Notes

1. Compact the subgrade fill to the density of the surrounding undisturbed material
2. Prepare a smooth, even foundation for the structure that will ensure that the needle-punched geotextile does not sustain serious damage when covered with rock.
3. Should any minor damage to the geotextile occur, repair it before spreading any aggregate. For repairs, patch one piece of fabric over the damage, making sure that all joints and patches overlap more than 300 mm
4. Lay rock following the drawing, according to Table 5.2 of Landcom (2004) and with a minimum diameter of 75 mm.
5. Ensure that any concrete or riprap used for the energy dissipater or the outlet protection conforms to the grading limits specified on the SWMP.

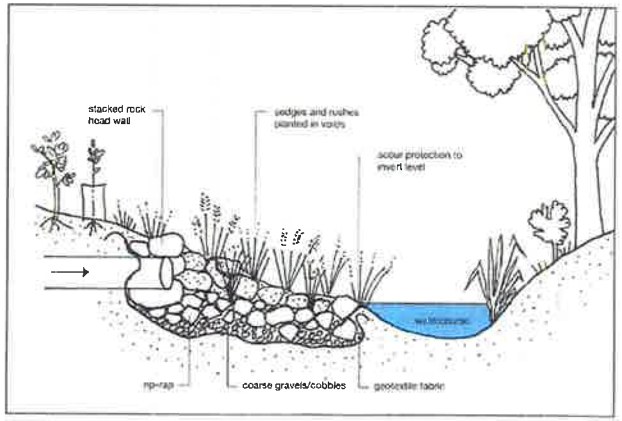
ENERGY DISSIPATER SD 5-8



TYPICAL SECTION THROUGH BIORETENTION BASIN OUTLET PIT



BIORETENTION MEDIA DETAIL



TYPICAL NATURAL OUTLET STRUCTURE DETAIL (NSW OFFICE OF WATER)

NOT FOR CONSTRUCTION

REV	DATE	DES.	DRN.	APP.	REVISION DETAILS
00	10/12/15	J.M.A	M.R	M.P	ISSUE FOR DA APPROVAL
C	8/12/15	J.M.A	M.R	M.P	BIORETENTION BASIN LOCATIONS AMENDED
B	19/11/15	J.M.A	J.A	M.P	MINOR REVISIONS
A	13/11/15	J.M.A	J.A	M.P	DRAFT DA ISSUE - FOR REVIEW

DRAWING STATUS	
DESIGN BY	J.M.A
DRAWN BY	J.A
FINAL APPROVAL	M.P
SCALE: (on A1 Original)	1:750
	DA

North

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PROJECT TITLE: INGLIS RELOCATION WARWICK FARM

DRAWING TITLE: SURFACE WATER MANAGEMENT TYPICAL SECTIONS & DETAILS

PROJECT NO.	SUB-PR NO.	DRAWING NO.	REV
15000193	P02	DA02	00

Plot Date: Thursday, 10 December 2015 3:51:25 PM CAD File Name: I:\15000193 Inglis Sales Centre - Warwick Farm\Drawings\15000193_P02_DA_REV01.dwg

INGLIS SELLING CENTRE RELOCATION

□□□□A□L□ SE□□□ES

HYDRAULIC LEGEND

SERVICE LINE TYPE

- EXISTING COLD WATER
- EXISTING GAS
- EXISTING HOT WATER
- EXISTING HOT WATER RETURN
- EXISTING LPG
- EXISTING SEWER
- EXISTING STORMWATER
- EXISTING TRADEWASTE
- EXISTING WARM WATER
- EXISTING WARM WATER FLOW
- EXISTING WARM WATER RETURN
- EXISTING FIRE HYDRANT
- EXISTING RISING MAIN
- POTABLE COLD WATER
- CONDENSATION LINE
- EXHAUST
- FIRE DRENCHERS
- FIRE HYDRANTS
- FIRE HOSE REELS
- FILTERED WATER
- FLUE EXHAUST
- FIRE SPRINKLERS
- GAS
- GREY WATER
- HOT WATER
- HOT WATER RETURN
- IRRIGATION
- LPG
- NON POTABLE COLD WATER
- OVERFLOW DRAINAGE
- PUMP DISCHARGE
- PUMP OUT PUMP
- SUCTION
- RAINWATER DISCHARGE
- RISING MAIN
- RAINWATER DRAINAGE
- SANITARY DRAINAGE
- SEWER
- SEWER PLUMBING
- STORMWATER DRAINAGE
- SOLAR HOT WATER FLOW
- SOLAR HOT WATER RETURN
- SYPHONIC DRAINAGE
- T LINE
- TRADE WASTE
- TRADE WASTE VENT
- VENT
- WARM WATER
- WARM WATER FLOW
- WARM WATER RETURN
- BY PASS LINE

GENERAL NOTES

1. THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH THE HYDRAULIC SPECIFICATION
2. THIS IS A GENERAL LEGEND, NOT ALL LINES, SYMBOLS AND ABBREVIATIONS NECESSARILY APPLY TO THE PROJECT
3. ALL PIPE DIMENSIONS ARE INTERNAL DIAMETER UNLESS NOTED OTHERWISE

HYDRAULIC ABBREVIATIONS

AP	ACCESS PANEL
AC	AIR CONDITIONING
AAV	AIR ADMITTANCE VALVE
B	BASIN
BM	BAIN MARIE
BTFW	BUCKET TRAP FLOOR WASTE
BWU	BOILING WATER UNIT
CO	CLEAROUT
CP	CONTROL PANEL
CS	CLEANERS SINK
Cu	COPPER
CV	CHAMBER VENT
CW	COLD WATER
DCDV	DOUBLE CHECK DETECTOR VALVE
DF	DRINKING FOUNTAIN
DP	DOWN PIPE
DRP	DRAINAGE POINT
DT	DRINK TROUGH
DTU	DRAINAGE TURN UP
FFL	FINISHED FLOOR LEVEL
FH	FIRE HYDRANT
FHR	FIRE HOSE REEL
FS	FIRE SPRINKLER
FSL	FINISHED SURFACE LEVEL
FU	FIXTURE UNITS
FW	FLOOR WASTE
F/B	FROM BELOW
HT	HOSE TAP
HW	HOT WATER
HWU	HOT WATER UNIT
H/L	HIGH LEVEL
IL	INVERT LEVEL
IM	ICE MAKER
ID	INSPECTION OPENING
IPMF	INDUCT PIPE MICA FLAP
LT	LAUNDRY TUB
L/L	LOW LEVEL
MJ	MEGA JOULES
OF	OVERFLOW
ORG	OVERFLOW RELIEF GULLY
PFS	FAN FLUSHER/SANITISER
PSFV	FAN FLUSHER/SANITISER VENT
RL	REDUCED LEVEL
RPZD	REDUCED PRESSURE ZONE DEVICE
SHR	SHOWER
SK	SINK
SLH	SLOP HOPPER
SMH	SEWER MANHOLE
SS	SANITARY STACK
SSHR	SAFETY SHOWER
SV	STOP VALVE
S/S	STAINLESS STEEL
UT	UTILITY TUB
TD	TUNDISH
TMV	THERMOSTATIC MIXING VALVE
T-V	TEMPERING VALVE
TPR	TEMPERATURE, PRESSURE RELIEF VALVE
T/A	TO ABOVE
UPVC	UNPLASTICISED POLYVINYL CHLORIDE
UR	URINAL
US	UTENSIL SANITISER
UW	UTENSIL WASHER
VCP	VITRIFIED CLAY PIPE
VP	VENT PIPE
WC	WATER CLOSET
WW	WARM WATER
WM	WASHING MACHINE
WT	WASH TROUGH

HYDRAULIC SYMBOLS

- SINGLE FIRE HYDRANT
- DOUBLE FIRE HYDRANT
- FIRE HOSE REEL
- BOOSTER ARRANGEMENT
- STREET HYDRANT
- TAP SET
- TAP / HT
- PUMP
- THERMOSTATIC MIXING VALVE
- TEMPERING VALVE
- WATER METER
- GAS METER
- FLOOR WASTE-RWD
- PIT GRATE COVER
- PIT SOLID COVER
- TRENCH GRATE
- TUNDISH
- BOUNDARY TRAP
- CLEAROUT
- INDUCT PIPE MICA FLAP
- OVER FLOW
- PIPE FLOW DIRECTION
- ROOF SPREADER
- SMH
- PIPE DIRECTION
- SERVICE
- SIZE
- PIPE DIRECTION
- DETAIL NUMBER
- DRAWING NUMBER
- CONTINUATION TO DWG No HHH
- RISER SYMBOL
- DROPPER SYMBOL
- TEE DROP SYMBOL
- CAPPED
- CONNECT TO EXISTING

REV	DESCRIPTION	ISSUED	INITS	APP'D	DATE
1	ISSUED FOR DA CONCEPT DESIGN	HJL		AP	10.11.15
2	[illegible]	MJ		AP	09.02.16
3	[illegible]	AH		AP	01.03.16

CLIENT: WILLIAN INGLIS AND SON

ARCHITECT

NORTHROP

Sydney

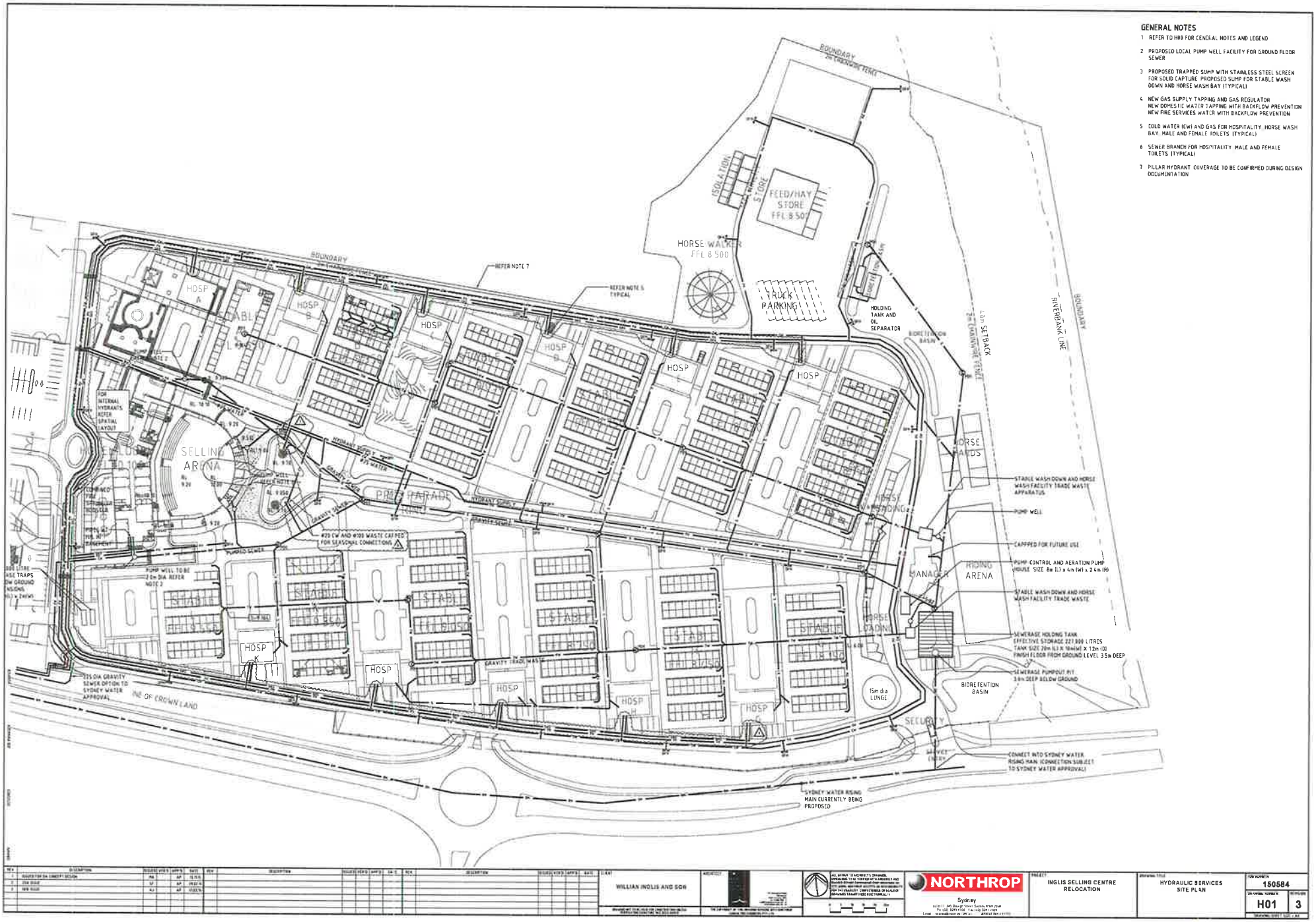
PROJECT: INGLIS SELLING CENTRE RELOCATION

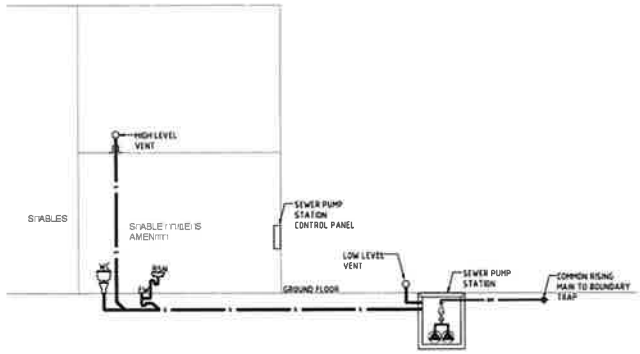
DRAWING TITLE: HYDRAULIC SERVICES COVER SHEET

JOB NUMBER: 160584

DRAWING NUMBER: H00

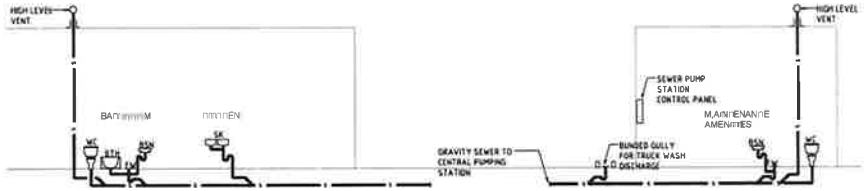
REVISION: 3


GENERAL NOTES
1 REFER TO H00 FOR GENERAL NOTES AND LEGEND
2 PROPOSED LOCAL PUMP WELL FACILITY FOR GROUND FLOOR SEWER
3 PROPOSED TRAPPED SUMP WITH STAINLESS STEEL SCREEN FOR SOLID CAPTURE PROPOSED SUMP FOR STABLE WASH DOWN AND HORSE WASH BAY (TYPICAL)
4 NEW GAS SUPPLY TAPPING AND GAS REGULATOR NEW DOMESTIC WATER TAPPING WITH BACKFLOW PREVENTION NEW FIRE SERVICES WATER WITH BACKFLOW PREVENTION
5 COLD WATER (CW) AND GAS FOR HOSPITALITY, HORSE WASH BAY, MALE AND FEMALE TOILETS (TYPICAL)
6 SEWER BRANCH FOR HOSPITALITY, MALE AND FEMALE TOILETS (TYPICAL)
7 PILLAR HYDRANT COVERAGE TO BE CONFIRMED DURING DESIGN DOCUMENTATION
BOUNDARY
REFER NOTE 7
REFER NOTE 5 TYPICAL
HORSE WALKER FFL 8 500
FEED/HAY STORE FFL 8 500
TRUCK PARKING
HOLDING TANK AND OIL SEPARATOR
BIORETENTION BASIN
SETBACK
RIVERBANK LINE
HOSP
STABLE
SELLING ARENA
PRIDE PARADE
HORSE YARDS
MANAGER
RIDING ARENA
15m dia LUNGE
SECURITY
STABLE WASH DOWN AND HORSE WASH FACILITY TRADE WASTE APPARATUS
PUMP WELL
CAPPED FOR FUTURE USE
PUMP CONTROL AND AERATION PUMP HOUSE SIZE 8m (L) x 4m (W) x 2.4m (H)
STABLE WASH DOWN AND HORSE WASH FACILITY TRADE WASTE
SEWERAGE HOLDING TANK EFFECTIVE STORAGE 227 000 LITRES TANK SIZE 20m (L) X 10m(W) X 12m (D) FINISH FLOOR FROM GROUND LEVEL 3.5m DEEP
SEWERAGE PUMPOUT PIT 3.6m DEEP BELOW GROUND
BIORETENTION BASIN
CONNECT INTO SYDNEY WATER RISING MAIN (CONNECTION SUBJECT TO SYDNEY WATER APPROVAL)
SYDNEY WATER RISING MAIN CURRENTLY BEING PROPOSED
225 DIA GRAVITY SEWER OPTION TO SYDNEY WATER APPROVAL
LINE OF CROWN LAND
FOR INTERNAL HYDRANTS REFER SPATIAL LAYOUT
#25 CW AND #100 WASTE CAPPED FOR SEASONAL CONNECTIONS
PUMP WELL TO BE 2.0m DIA REFER NOTE 2
GRAVITY SEWER
PUMPED SEWER
HYDRANT SERVICE
WILLIAN INGLIS AND SON
NORTHROP
Sydney
INGLIS SELLING CENTRE RELOCATION
HYDRAULIC SERVICES SITE PLAN
150584
H01
3



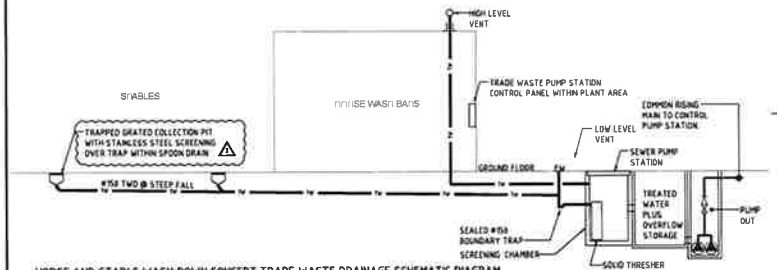
STABLE AMENITIES CONCEPT SEWER DRAINAGE SCHEMATIC DIAGRAM
NOT TO SCALE

NOTE: STABLE A WILL BE VIA LOCAL PUMP WELL ONLY OTHER STABLES VIA GRAVITY DRAINAGE SYSTEM TO CONTROL PUMP STATION

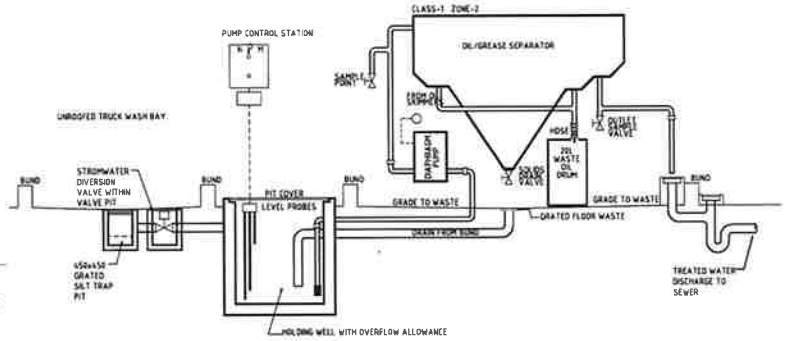


MANAGERS RESIDENCE CONCEPT SEWER DRAINAGE SCHEMATIC DIAGRAM
NOT TO SCALE

MAINTENANCE FACILITY CONCEPT SEWER DRAINAGE SCHEMATIC DIAGRAM
NOT TO SCALE



HORSE AND STABLE WASH DOWN CONCEPT TRADE WASTE DRAINAGE SCHEMATIC DIAGRAM
NOT TO SCALE



TRUCK WASH CONCEPT TRADE WASTE DRAINAGE SCHEMATIC DIAGRAM
NOT TO SCALE

REV	DESCRIPTION	ISSUED	REV'D	APP'D	DATE
1	ISSUED FOR DA CONCEPT DESIGN	PM		AP	15.11.13
2	DRB ISSUE	SY		AP	09.01.14
3	DRB ISSUE	AJ		AP	31.01.14

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NOT TO SCALE

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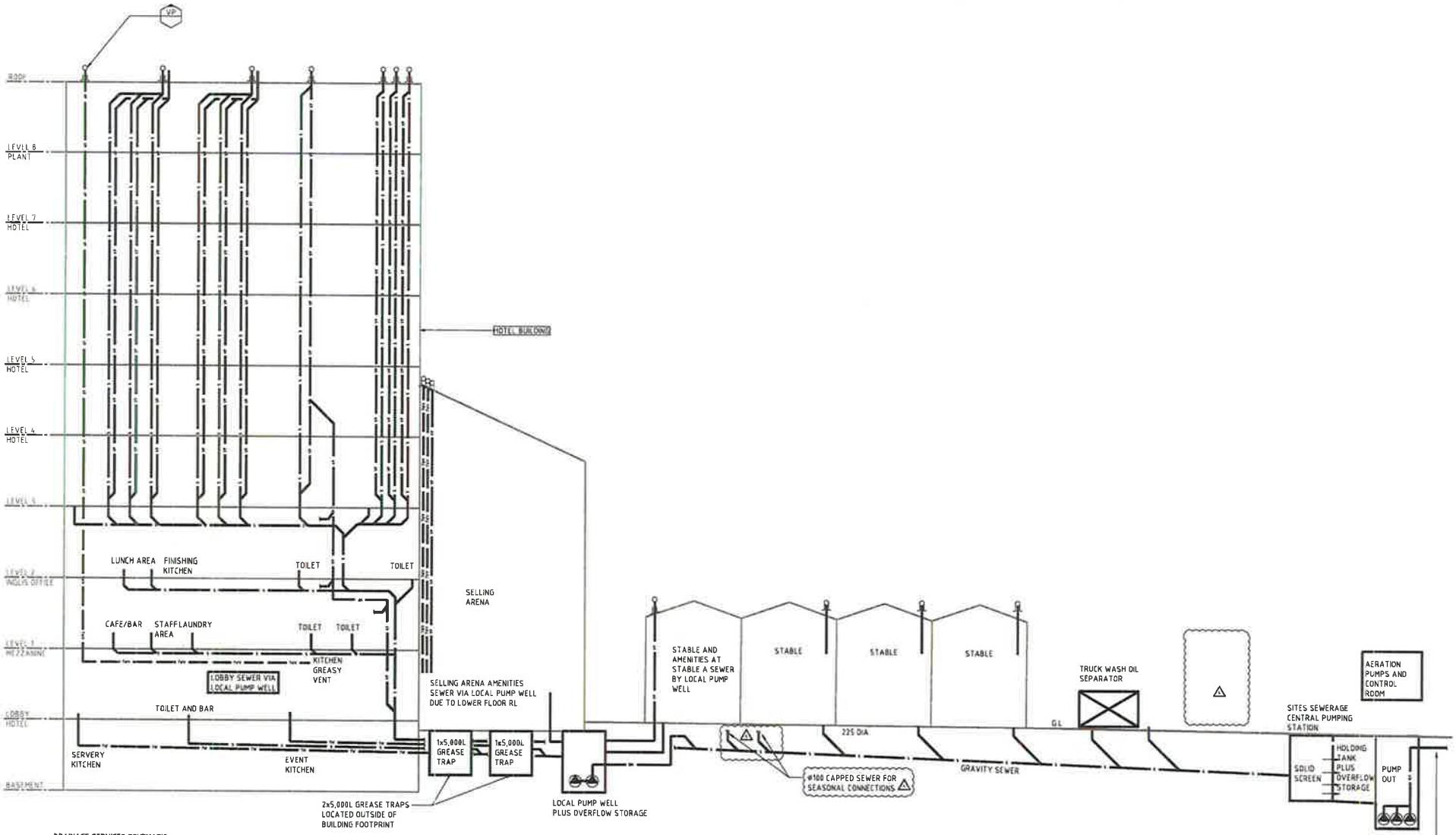
PROJECT: INGLIS SELLING CENTRE RELOCATION

DRAWING TITLE: HYDRAULIC SERVICES HYDRAULIC SERVICES DETAIL SHEET

JOB NUMBER: 150584
DRAWING NUMBER: H10
REVISION: 3
DRAWING SHEET SIZE: A1



DRAINAGE SERVICES SCHEMATIC
NOT TO SCALE

CLIENT	WILLIAN INGLIS AND SON
ARCHITECT	
	NORTHROP Sydney
PROJECT	INGLIS SELLING CENTRE RELOCATION
DRAWING TITLE	HYDRAULIC SERVICES DRAINAGE SCHEMATIC SHEET
JOB NUMBER	150584
DRAWING NUMBER	H11
REVISION	3