

# GAZCORP INDUSTRIAL ESTATE WALLGROVE ROAD, HORSLEY PARK EARTHWORKS & ROAD DESIGN

STAGE 1  
MAJOR PROJECT APPLICATION SSD 5248

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LOCALITY PLAN  
N.T.S.

LGA FAIRFIELD CITY COUNCIL  
LOT 5, D.P. 24094

GAZCORP PTY. LTD.



GAZCORP INDUSTRIAL ESTATE  
WALLGROVE ROAD, HORSLEY PARK  
EARTHWORKS & ROAD DESIGN












































































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# STANDARD NOTES

- ALL WORKS SHALL BE CARRIED OUT IN ACCORDANCE WITH COUNCIL'S STANDARDS AND SPECIFICATIONS AND/OR AS DIRECTED BY THE ENGINEER.
- THE CONTRACTOR SHALL LOCATE AND LEVEL ALL EXISTING SERVICES PRIOR TO COMMENCING CONSTRUCTION AND SHALL MAKE ALL NECESSARY ARRANGEMENTS WITH THE RELEVANT AUTHORITY TO RELOCATE OR ADJUST AS FOUND NECESSARY. ALL COSTS TO BE BORNE BY THE APPLICANT, (NOT AT COUNCIL'S EXPENSE)
- THE CONTRACTOR SHALL NOT ENTER UPON OR DO ANY WORK WITHIN ADJACENT LANDS WITHOUT PRIOR WRITTEN PERMISSION OF THE LAND OWNER.
- SURVEY MARKS SHOWN THUS SHALL BE MAINTAINED AT ALL TIMES. WHERE RETENTION IS NOT POSSIBLE THE ENGINEER SHALL BE NOTIFIED AND CONSENT RECEIVED PRIOR TO THEIR REMOVAL.
- ALL NEW WORKS SHALL MAKE SMOOTH JUNCTION WITH EXISTING CONDITIONS.
- SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED PRIOR TO SOIL DISTURBANCE IN KEEPING WITH THE "MANAGING STORMWATER MANUAL", 2004 BY LANDCOM AND TO THE SATISFACTION OF THE ENGINEER AND AS SHOWN IN THESE DRAWINGS.
- THE CONTRACTOR SHALL CLEAR AND DISPOSE OF ONLY THOSE TREES THAT ARE CONDEMNED BY THE ENGINEER. COUNCIL'S TREE PRESERVATION ORDER SHALL BE OBSERVED AND NO TREE SHALL BE FELLED, LOPPED OR REMOVED WITHOUT PRIOR APPROVAL.
- THE CONTRACTOR SHALL CLEAR THE SITE BY REMOVING ALL RUBBISH, FENCES, OUT HOUSES, CAR BODIES, DEBRIS ETC. THE CONTRACTOR SHALL NOT DISPOSE OF ANY DEBRIS BY BURNING OFF IN AN OPEN FIRE.
- UNSOFT MATERIALS AS DETERMINED BY THE ENGINEER SHALL BE REMOVED FROM ROADS AND LOTS PRIOR TO ANY FILLING. REFER NOTE 37.
- ALL SITE REGRADING AREAS SHALL BE GRADED IN ACCORDANCE WITH BCC GUIDELINES AND WORK SPECIFICATIONS. THE CONTRACTOR SHALL TAKE LEVELS ON THE EXISTING SURFACE AFTER STRIPPING TOPSOIL AND PRIOR TO COMMENCING ANY FILL OPERATIONS.
- SURPLUS EXCAVATED MATERIAL SHALL BE PLACED WHERE DIRECTED BY THE ENGINEER.
- 100 DIA. SUBSOIL DRAINAGE PIPE 3000 LONG WRAPPED IN FABRIC SOCK TO BE PROVIDED ADJACENT TO INLET PIPES, TO COUNCILS STANDARD DRAWINGS FOR PITS.
- MINIMUM 100mm THICK TOPSOIL SHALL BE SPREAD ON ALL FOOTPATHS, BERMS, BATTERS AND SITE REGRADING AREAS. EXCESS TOPSOIL SHALL BE DISPOSED OF AS DIRECTED BY THE ENGINEER.
- ALL LAND DISTURBED BY EARTHWORKS SHALL BE SPRAY-GRASSED, OR SIMILARLY TREATED TO ESTABLISH GRASS COVER. SEED MIXTURES ARE TO BE APPROVED BY COUNCIL PRIOR TO SPRAYING. ALL GRASSED AREAS SHALL BE REGULARLY WATERED AND MAINTAINED UNTIL EXPIRATION OF THE MAINTENANCE PERIOD.
- THE CONTRACTOR SHALL MAINTAIN DUST CONTROL THROUGHOUT THE DURATION OF THE PROJECT.
- ALL PITS DEEPER THAN 1.2m SHALL HAVE STEP IRONS PROVIDED IN ACCORDANCE WITH COUNCIL'S STANDARDS.
- ALL DRAINAGE LINES THROUGH LOTS SHALL BE CONTAINED WITHIN THEIR EASEMENTS AND CONFORM WITH COUNCIL'S STANDARDS.
- ALL DRAINAGE LINES ON HIGH SIDE AND UNDER ROADS SHALL BE BACKFILLED WITH SHARP SAND AND HAVE 3.0m OF AGRICULTURAL LINE WRAPPED IN AN APPROVED FILTER FABRIC, DISCHARGING INTO THE DOWNSTREAM PIT.
- SUBSOIL DRAINS SHALL BE CONSTRUCTED IN ACCORDANCE WITH BCC GUIDELINES AND SPECIFICATIONS.
- PRECAST KERB INLET LINTELS SHALL BE USED ON GULLY PITS. GULLY PITS SHALL BE IN ACCORDANCE WITH A(BS)106M.
- INTERALLOTMENT DRAINAGE LINES SHALL HAVE A MINIMUM 300mm COVER AND DESIRABLE MINIMUM GRADE OF 1%.
- 100mm DIAMETER ROOF DRAINAGE HOLES SHALL BE PROVIDED TO ALL LOTS DRAINING TO THE KERB AT THEIR DOWNSTREAM BOUNDARY.
- PROVIDE VEHICULAR CROSSING IN KERB AND GUTTER WHERE SHOWN VC  OR WHERE DIRECTED BY THE ENGINEER.
- GUIDE POSTS SHALL BE 100mm X 50mm HARDWOOD, PAINTED WHITE WITH REFLECTORS.
- ERECT STREET NAME SIGNS, CONDUIT WARNING SIGNS AND NO THROUGH ROAD SIGNS WHERE SHOWN
- ERECT STREET NAME SIGNS, CONDUIT WARNING SIGNS AND NO THROUGH ROAD SIGNS WHERE SHOWN THUS SP OR WHERE DIRECTED BY THE ENGINEER.
- CONDUITS SHALL BE LAID AFTER POSITIONS HAVE BEEN DETERMINED BY THE RELEVANT AUTHORITIES AND BEFORE FINAL A.C. IS LAID.
- POSITION OF ALL CONDUITS SHALL BE MARKED ON THE KERB.
- FELLED TREES SHALL BE SALVAGED FOR REUSE AS WOODCHIP MULCH OR LOG FORM FOR SITE REHABILITATION, NON-SALVAGEABLE MATERIAL SUCH AS STUMPS AND ROOTS SHALL BE DISPOSED OF OFF SITE.
- THE CONTRACTOR SHALL PROVIDE MINIMUM 24 HOURS NOTICE TO THE ENGINEER AND COUNCIL INSPECTOR FOR ALL INSPECTIONS.
- THE CONTRACTOR SHALL MAINTAIN SERVICES AND ALL WEATHER ACCESS AT ALL TIMES TO THE ADJOINING PROPERTIES.
- THE CONTRACTOR SHALL UNDERTAKE TRAFFIC CONTROL MEASURES TO ENGINEERS SATISFACTION AND SHALL DISPLAY ALL APPROPRIATE WARNING SIGNS THROUGHOUT THE DURATION OF CONSTRUCTION.
- ALL NATURAL SURFACE DATA HAS BEEN DETERMINED BY TERRAIN MODELLING. ALL CONSTRUCTION SITE WORKS MUST BE CARRIED OUT USING THE BENCH MARKS SHOWN ON THESE DRAWINGS.
- THAT ALL LIGHT POLES, STREET NAME POLES AND BUS SHELTERS IN THIS SUBDIVISION WILL BE BLACK POWDER COATED TO THE SATISFACTION OF THE B.C.C.
- PRAM RAMPS AND PATHPAVING TO BE CONSTRUCTED AS SHOWN ON PLANS AND AS DIRECTED BY COUNCIL ON SITE.
- ALL BATTERS ARE TO HAVE A MAXIMUM SLOPE OF 5(H):1(V).
- PRIOR TO CONSTRUCTION THE CONTRACTOR SHOULD OBTAIN COPIES OF ALL RELEVANT GEOTECHNICAL REPORTS. WORKS SHOULD BE UNDERTAKEN IN ACCORDANCE WITH ADVICE AND RECOMMENDATIONS CONTAINED THEREIN.
- UPON COMPLETION OF THE SITE REGRADE & APPROVED ROAD AND DRAINAGE WORKS AND PRIOR TO THE ISSUE OF THE SUBDIVISION CERTIFICATE, THE APPLICANT IS REQUIRED TO SUBMIT TO COUNCIL WRITTEN CERTIFICATION FROM APPROPRIATELY QUALIFIED GEOTECHNICAL CONSULTANTS THAT ALL THE RECOMMENDATIONS IN THE REPORTS REFERRED TO IN ITEM 37 ABOVE HAVE BEEN COMPILED WITH.
- 100 YEAR FLOW PATHS TO BE FORMED AT TIME OF CONSTRUCTION.
- A TRAFFIC CONTROL PLAN IS TO BE PROVIDED TO COUNCIL PRIOR TO COMMENCEMENT OF WORKS.

# LEGEND

DESCRIPTION	PROPOSED	EXISTING	FUTURE
STORMWATER PIPELINE			
STORMWATER DRAINAGE PITS			
DRAINAGE LINE No. 3 DRAINAGE PIT No. 10			
CONCRETE HEADWALL			
SUBSOIL DRAIN			
STANDARD 150mm KERB AND GUTTER			
STANDARD ROLL KERB AND GUTTER			
STANDARD KERB ONLY			
STANDARD EDGE STRIP			
STANDARD MOUNTABLE KERB			
STANDARD DISH CROSSING			
VEHICULAR CROSSING			
PEDESTRIAN RAMP			
EDGE OF BITUMEN			
ROAD PAVEMENT			
BENCHMARK			
BATTERS			
CONCRETE PATHWAY			
CONTOURS			
SITE REGRADING AREA			
SERVICE LINES SEWER, GAS, WATER, ELECTRICITY			
COMMUNICATION LINES TELSTRA, FIBRE OPTIC			
OVER HEAD LINES AND POLES			
SERVICE PITS TELECOM PIT, ACCESS CHAMBER, HYDRANT, STOP VALVE, AIR VALVE			
LIMIT OF CONSTRUCTION			
LIMIT OF STAGE			
FENCE POST AND RAIL FENCE SECURITY FENCE			
LOT NUMBERS			
TREES TO REMOVE			
TREES			
RETAINING WALL			

# MAJOR PROJECT APPLICATION SSD 5248

Issue	Drawn	Design	Check	Appd.	Date	Revision Details
00	AW	DD	CB	TT	18/04/2013	ISSUED FOR REVIEW
01	PS	DD	CB	TT	25/07/2013	AMENDED LAYOUT, ROAD & SITE GRADING
02	AW	DD	CB	TT	2/08/2013	ISSUED FOR APPROVAL
03	JT	BL	PD	TT	5/12/2014	UPDATED LAYOUT, ROAD & SITE REGRADING
04	MG	BL	PD	TT	13/03/2015	UPDATED LAYOUT, ROAD & SITE REGRADING
First Issue	AW	DD	CB	TT	18/04/2013	

Revision Details

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by: **STUART GREEN**  
FIEAust. CPEng.  
Manager - Urban Development

DATE: 13/3/15

Client:  
**GAZCORP PTY. LTD.**

Project:  
GAZCORP INDUSTRIAL ESTATE WALLGROVE ROAD, HORSLEY PARK  
EARTHWORKS & ROAD DESIGN

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Drawing Title:  
**STANDARD NOTES & LEGEND**

Project No.: X12254  
Stage: 1  
Milestone: DA  
Dwg No.: 001  
Revision: 04

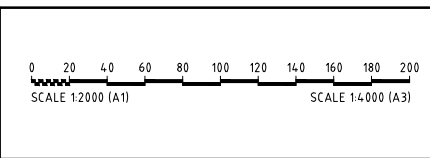


- NOTES:**
- BUILDINGS AND CARPARKS LAYOUT INDICATIVE ONLY BASED ON ARCHITECTURAL DRAWINGS, REF: "MBMO 12026-DA-001-(H)."
  - (A) DENOTES EXISTING EASEMENT FOR TRANSMISSION LINES - J 259850  
(B) DENOTES PROPOSED EASEMENT FOR TRANSMISSION LINES - DP 64156



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FIEAust. CP Eng.  
Manager - Urban Development  
SIGN:

DATE: 13/3/15

Client:  
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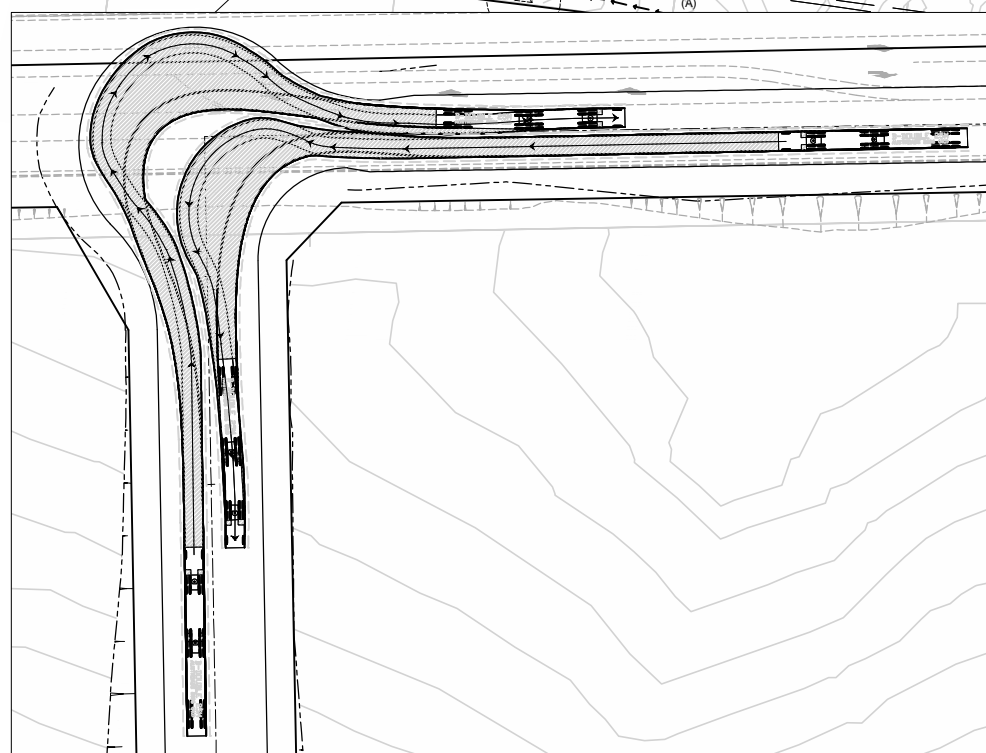
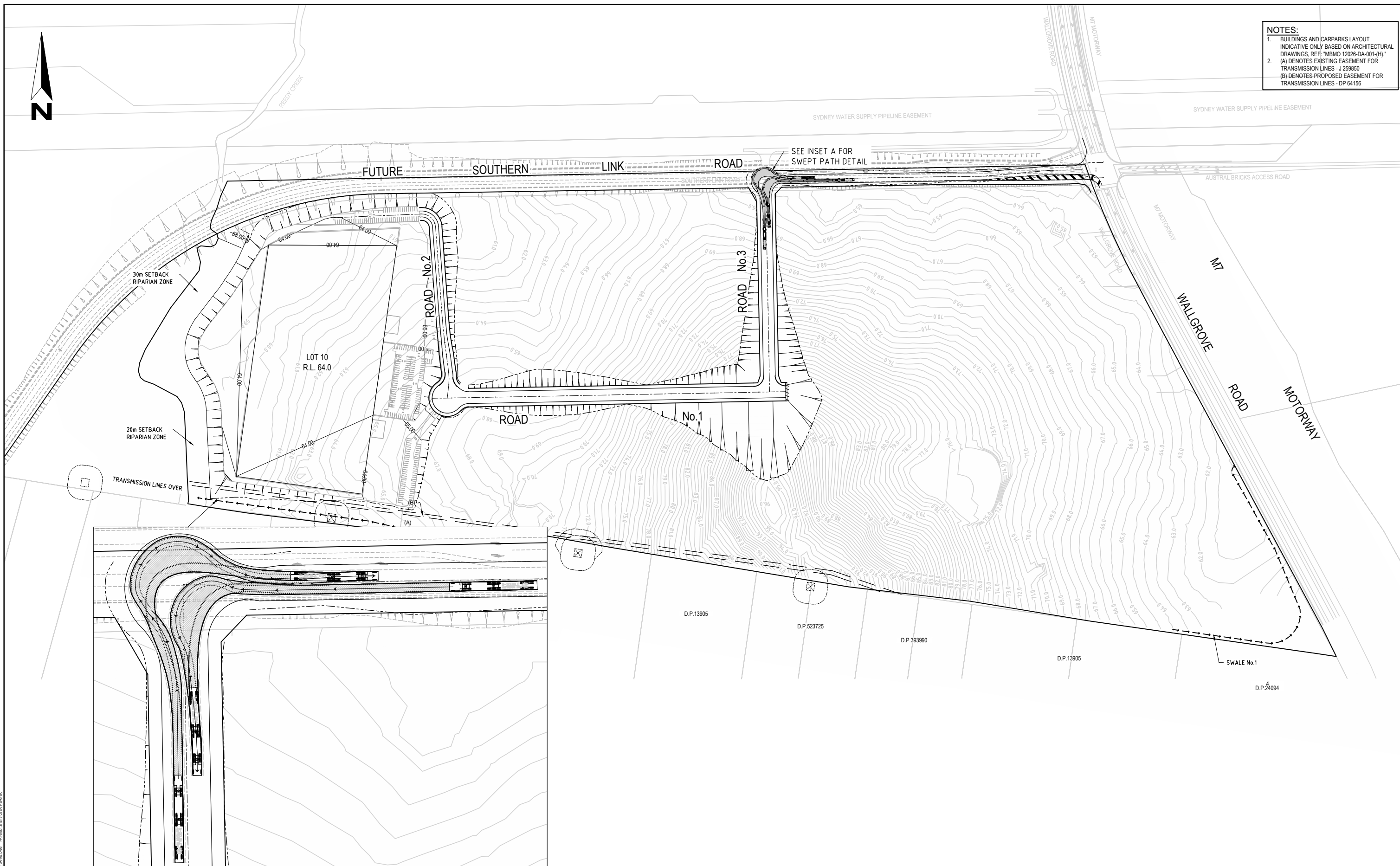
Project:  
**GAZCORP INDUSTRIAL ESTATE WALLGROVE ROAD, HORSLEY PARK  
EARTHWORKS & ROAD DESIGN**



Drawing Title: <b>CIVIL ENGINEERING PLAN</b>				
Project No.:	Stage:	Milestone:	Dwg No.:	Revision:
X12254	1	DA	101	04

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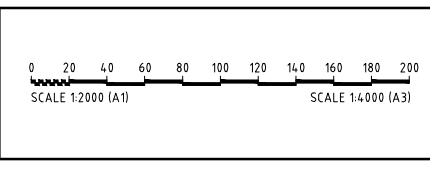
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 (B) DENOTES PROPOSED EASEMENT FOR TRANSMISSION LINES - DP 64156



**INSET A**  
 VEHICLE TURN PATH - 25m B-DOUBLE  
 SCALE 1:500

**MAJOR PROJECT APPLICATION SSD 5248**

REV	NO	BY	CHKD	DATE	DESCRIPTION	
00	AW	DD	CB	TT	18/04/2013	ISSUED FOR REVIEW
01	PS	DD	CB	TT	25/07/2013	AMENDED LAYOUT, ROAD & SITE GRADING
02	AW	DD	CB	TT	2/08/2013	ISSUED FOR APPROVAL
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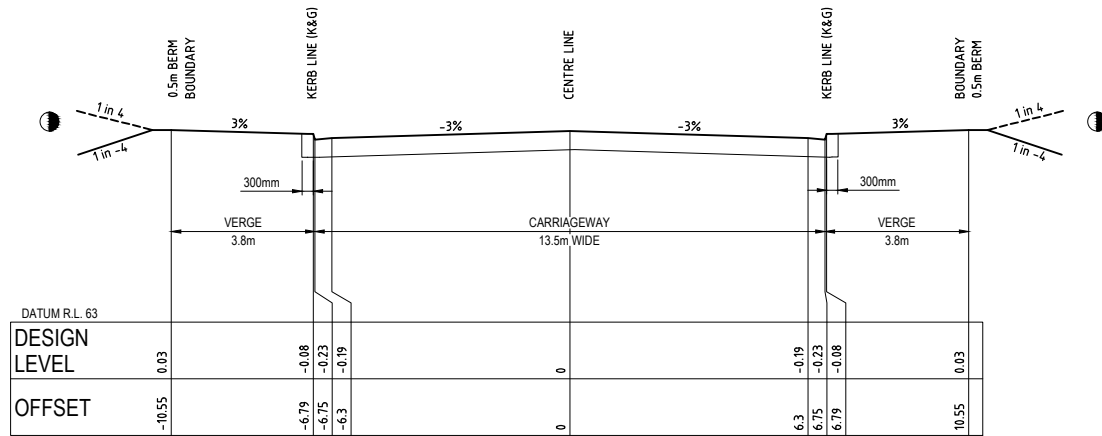
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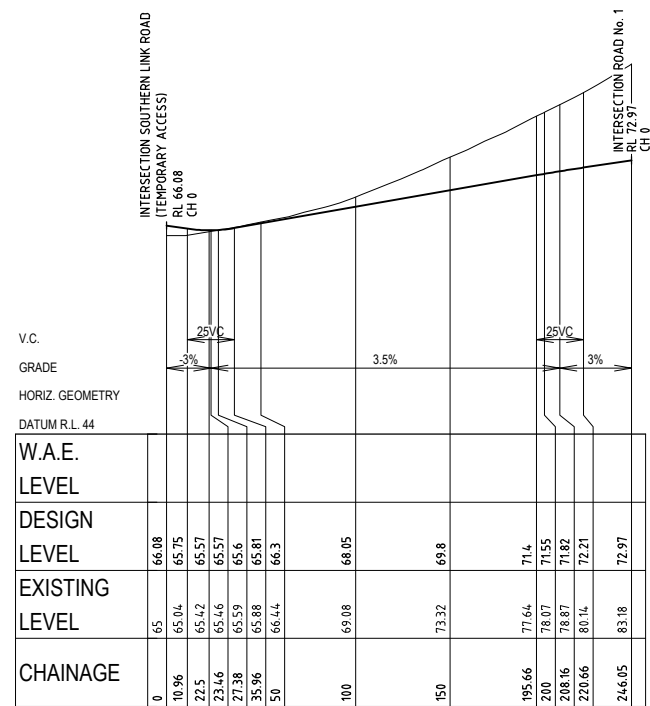
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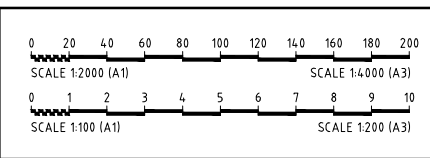
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SCALE 1:100 (NATURAL)



LONGITUDINAL SECTION CENTRELINE - ROAD No. 3  
SCALE 1:2000 (H)  
SCALE 1:400 (V)

# MAJOR PROJECT APPLICATION SSD 5248

REV	DATE	BY	CHKD	APPD	DESCRIPTION	
03	5/12/2014	JT	BL	PD	TT	UPDATED LAYOUT, ROAD & SITE REGRADING
04	13/03/2015	MG	BL	PD	TT	UPDATED LAYOUT, ROAD & SITE REGRADING
First Issue	18/04/2013	AW	DD	CB	TT	



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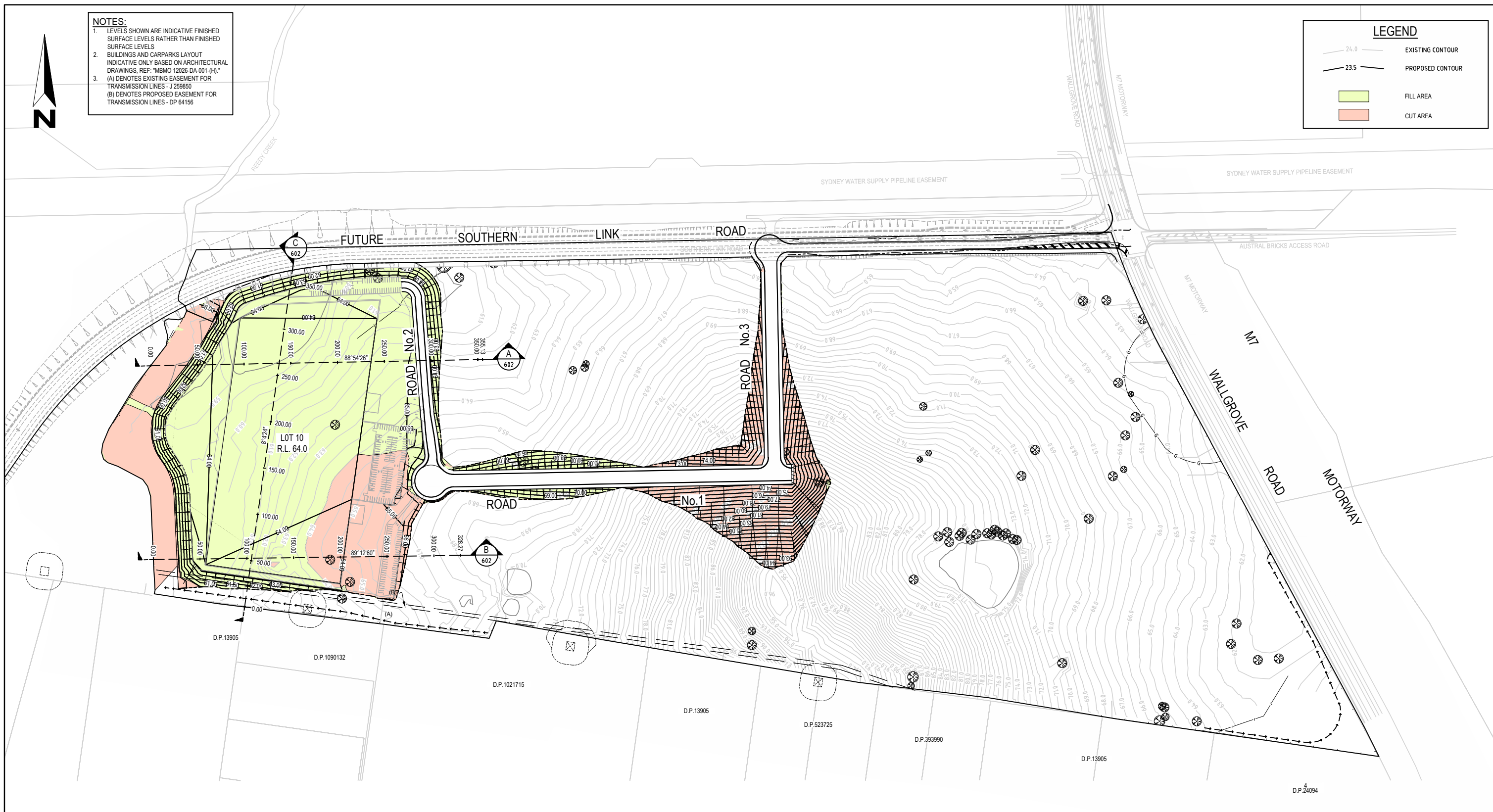
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- NOTES:**
- LEVELS SHOWN ARE INDICATIVE FINISHED SURFACE LEVELS RATHER THAN FINISHED SURFACE LEVELS
  - BUILDINGS AND CARPARKS LAYOUT INDICATIVE ONLY BASED ON ARCHITECTURAL DRAWINGS, REF: "MIMO 12026-DA-001-(H)." TRANSMISSION LINES - J 259850
  - (A) DENOTES EXISTING EASEMENT FOR TRANSMISSION LINES - DP 64156
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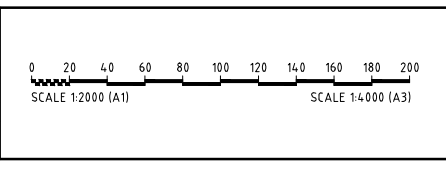
**LEGEND**

- 24.0 EXISTING CONTOUR
- 23.5 PROPOSED CONTOUR
- FILL AREA
- CUT AREA



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
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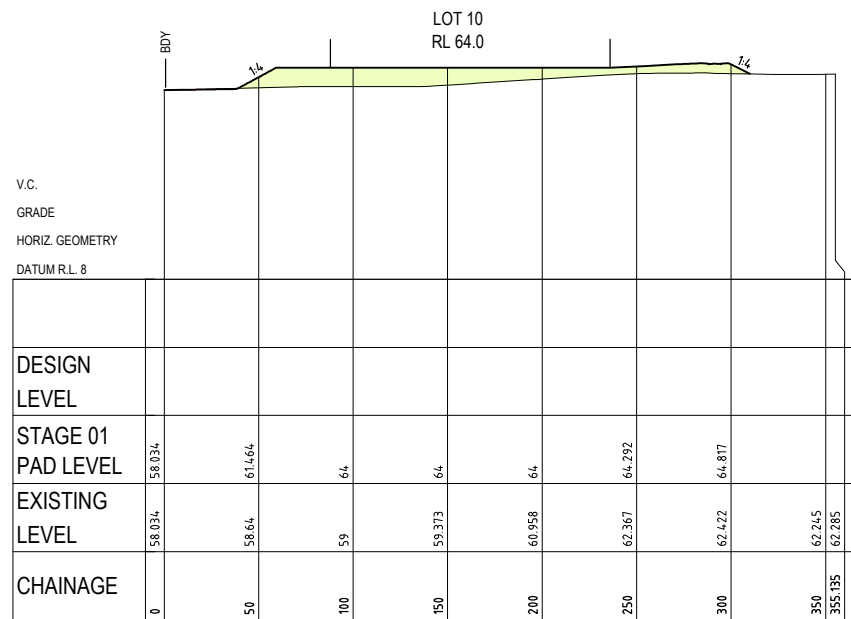
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**GAZCORP INDUSTRIAL ESTATE WALLGROVE ROAD, HORSLEY PARK  
EARTHWORKS & ROAD DESIGN**



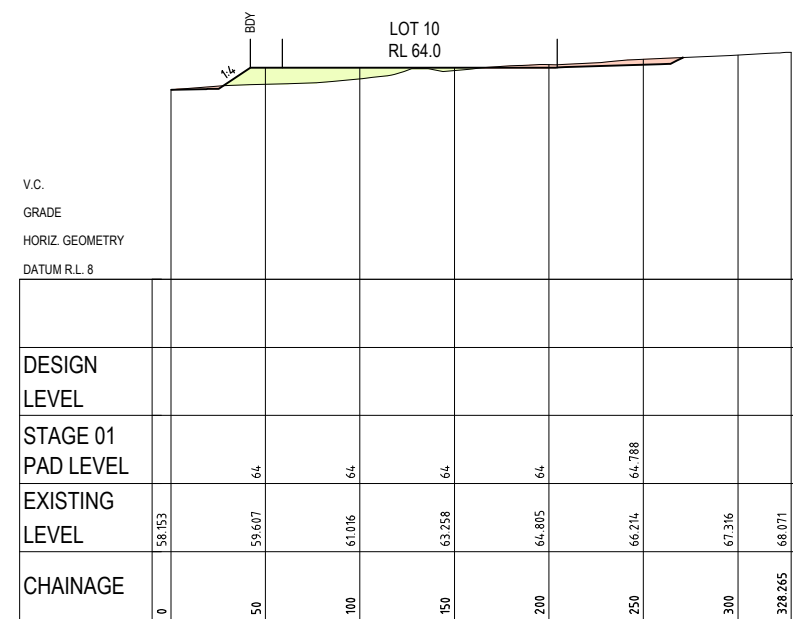
Drawing Title: <b>SITE REGRADING PLAN</b>				
Project No.: X12254	Stage: 1	Milestone: DA	Dwg No.: 601	Revision: 04

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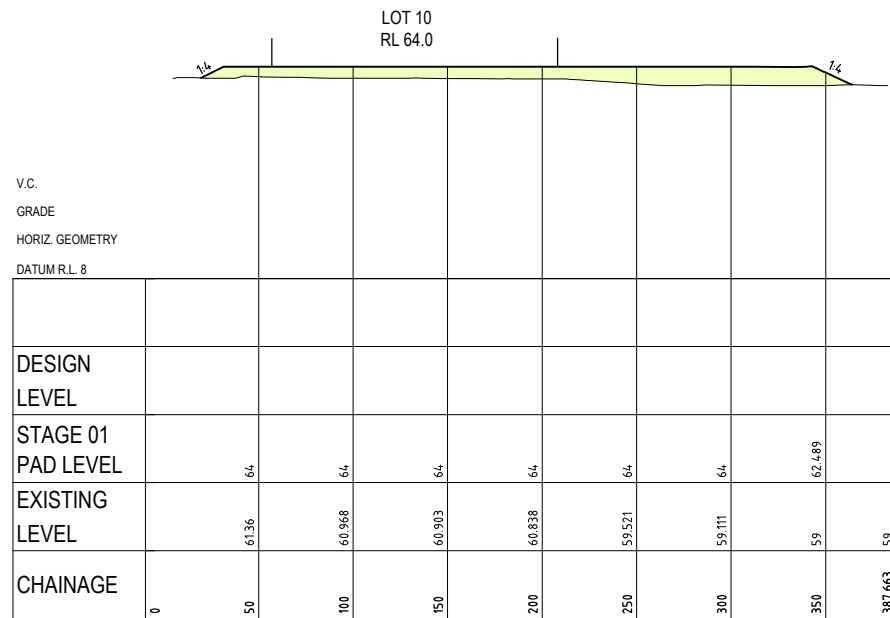
LEGEND	
	FILL AREA
	CUT AREA



SECTION A  
SCALE 1:2000 (H)  
SCALE 1:1000 (V)



SECTION B  
SCALE 1:2000 (H)  
SCALE 1:1000 (V)



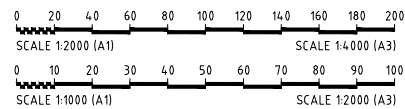
SECTION C  
SCALE 1:2000 (H)  
SCALE 1:1000 (V)

# MAJOR PROJECT APPLICATION SSD 5248

FILE: R:\SSD\PROJECT\SSD 5248 WALLGROVE RD INDUSTRIAL ESTATE\MANUSCRIPT\SSD 5248 DA\SSD 5248 DA.DWG PRINTED: 31/03/2015 10:40 AM

Rev	Issue	Drawn	Design	Check	Appd	Date	Description
00	AW	DD	CB	TT		18/04/2013	ISSUED FOR REVIEW
01	PS	DD	CB	TT		25/07/2013	AMENDED LAYOUT, ROAD & SITE GRADING
02	AW	DD	CB	TT		2/08/2013	ISSUED FOR APPROVAL
03	JT	BL	PD	TT		5/12/2014	UPDATED LAYOUT, ROAD & SITE REGRADING
04	MG	BL	PD			13/03/2015	UPDATED LAYOUT, ROAD & SITE REGRADING
First Issue	AW	DD	CB	TT		18/04/2013	

Revision Details



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Approval:  
by: **STUART GREEN**  
FIEAust. CP Eng.  
Manager - Urban Development  
SIGN:   
DATE: 13/3/15

Client:  
**GAZCORP PTY. LTD.**  
Project:  
GAZCORP INDUSTRIAL ESTATE WALLGROVE ROAD, HORSLEY PARK  
EARTHWORKS & ROAD DESIGN



Drawing Title:  
**SITE SECTIONS A, B & C**  
Project No.: X12254  
Stage: 1  
Milestone: DA  
Dwg No.: 602  
Revision: 04



**NOTES:**  
 1. BUILDINGS AND CARPARKS LAYOUT INDICATIVE ONLY BASED ON ARCHITECTURAL DRAWINGS, REF: "MBMO 12026-DA-001-(H)".  
 2. (A) DENOTES EXISTING EASEMENT FOR TRANSMISSION LINES - J 258950  
 (B) DENOTES PROPOSED EASEMENT FOR TRANSMISSION LINES - DP 64156

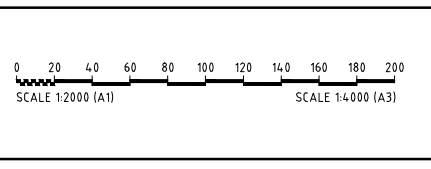
**SEDIMENT & EROSION CONTROL LEGEND**

- SEDIMENT FENCE
- BARRIER FENCE
- STABILISED SITE ACCESS
- DIVERSION DRAIN/EARTH BANK



**MAJOR PROJECT APPLICATION SSD 5248**

Rev	Issue	Drawn	Design	Check	Appd	Date	Description
00	AW	DD	CB	TT		18/04/2013	ISSUED FOR REVIEW
01	PS	DD	CB	TT		25/07/2013	AMENDED LAYOUT, ROAD & SITE GRADING
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Approval:  
 by: **STUART GREEN**  
 FIEAust. CPEng.  
 Manager - Urban Development  
 SIGN:   
 DATE: 13/3/15

Client:  
**GAZCORP PTY. LTD.**  
 Project:  
 GAZCORP INDUSTRIAL ESTATE WALLGROVE ROAD, HORSLEY PARK  
 EARTHWORKS & ROAD DESIGN



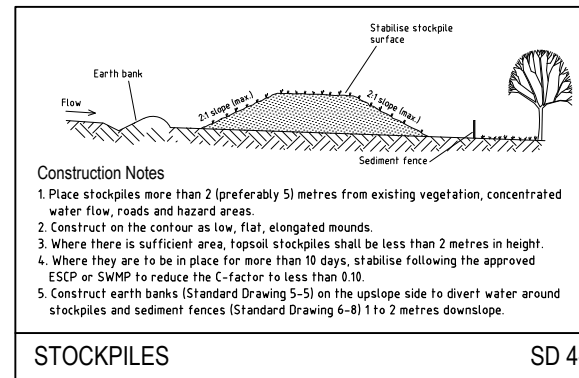
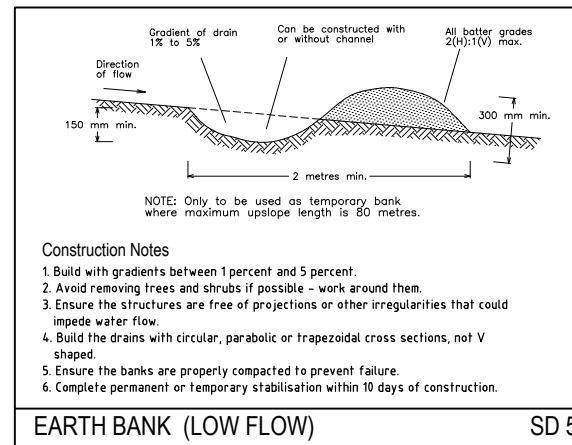
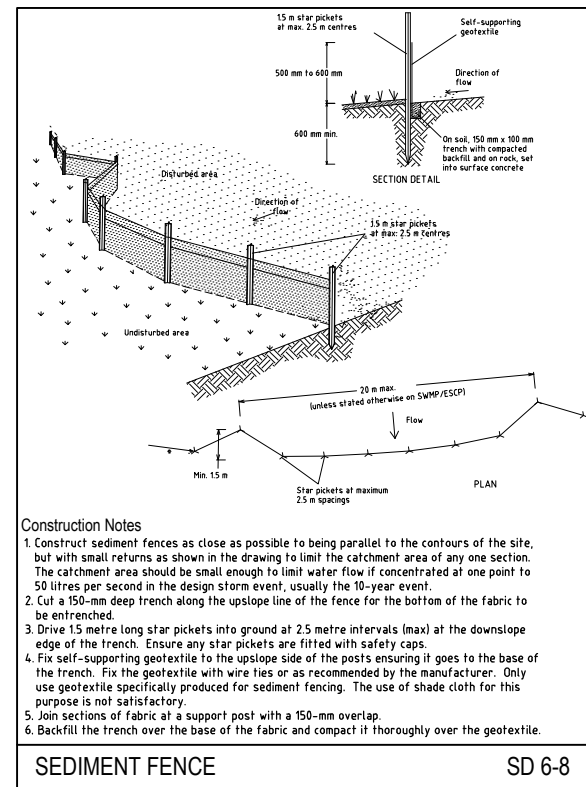
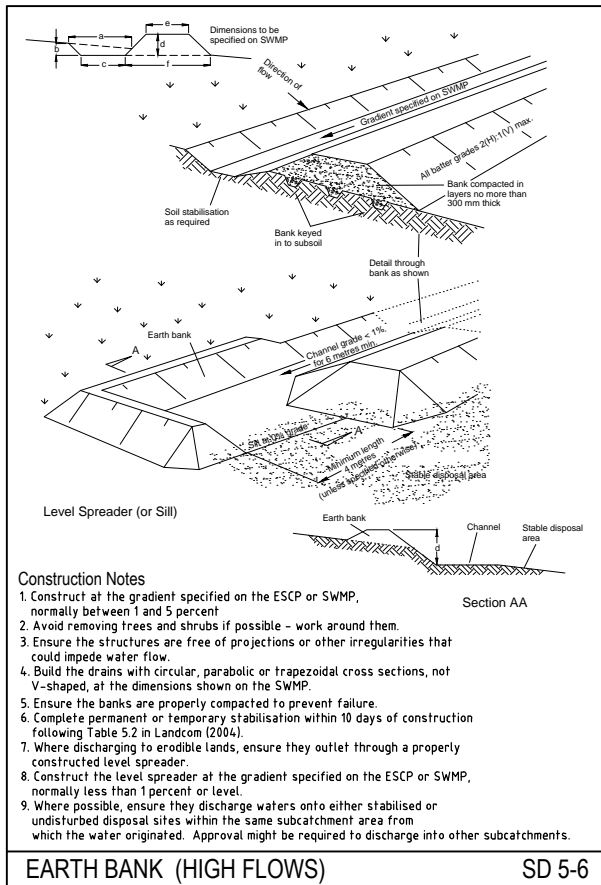
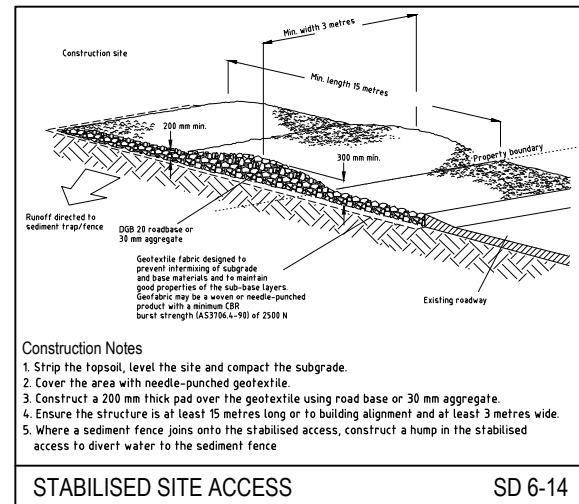
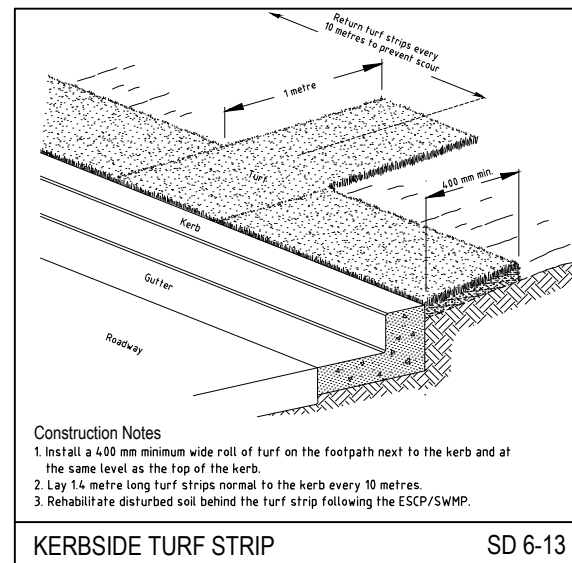
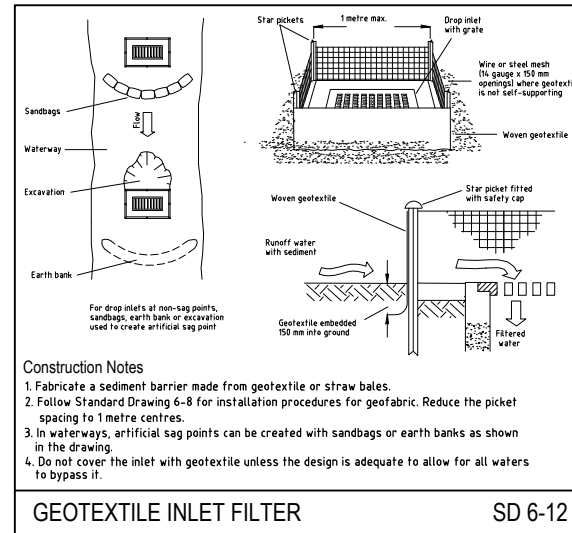
Drawing Title: <b>SEDIMENT &amp; EROSION CONTROL PLAN</b>				
Project No.: X12254	Stage: 1	Milestone: DA	Dwg No.: 701	Revision: 04

FILE: H:\1312254 WALLGROVE RD INDUSTRIAL ESTATE\DWG\SSD5248\A1.dwg PRINTED: 2015/03/15 10:58:10

# SEDIMENT & EROSION CONTROL NOTES

- THE CONTRACTOR SHALL IMPLEMENT ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES PRIOR TO THE COMMENCEMENT OF ANY WORKS BEING CARRIED OUT. ALL SOIL AND EROSION MEASURES SHALL BE MAINTAINED AND KEPT IN PLACE FOR THE FULL DURATION OF THE WORKS AND SHALL ONLY BE REMOVED AT FINAL STABILISATION OF THE WORKS. WHERE IT IS NECESSARY TO UNDERTAKE STRIPPING IN ORDER TO CONSTRUCT A SEDIMENT CONTROL DEVICE ONLY SUFFICIENT GROUND SHALL BE STRIPPED TO ALLOW CONSTRUCTION.
- ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CONSTRUCTED AND MAINTAINED AS INDICATED ON THESE DRAWINGS. LOCATION AND EXTENT OF SOIL AND WATER MANAGEMENT DEVICES IS DIAGRAMMATIC ONLY AND THE ACTUAL REQUIREMENTS SHALL BE CONFIRMED ON SITE PRIOR TO COMMENCEMENT.
- CONFORMITY WITH THIS PLAN SHALL IN NO WAY REDUCE THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT AGAINST WATER DAMAGE DURING THE COURSE OF THE CONTRACT. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO ENSURE THAT ANY NECESSARY CONTROL IS IN PLACE EVEN THOUGH SUCH CONTROL MAY NOT BE SHOWN ON THE PLAN.
- THE CONTRACTOR SHALL INFORM ALL SUBCONTRACTORS AND ALL EMPLOYEES OF THEIR RESPONSIBILITIES IN MINIMISING THE POTENTIAL FOR SOIL EROSION AND POLLUTION TO DOWNSTREAM AREAS.
- APART FROM SEDIMENT BASINS, THE CONTRACTOR SHALL REGULARLY MAINTAIN SEDIMENT AND EROSION CONTROL STRUCTURES AND DESILT SUCH STRUCTURES PRIOR TO THE REDUCTION IN CAPACITY OF 30% DUE TO ACCUMULATED SEDIMENT. THE SEDIMENT SHALL BE DISPOSED OF ON SITE IN A MANNER APPROVED BY THE ENGINEER.
- THE CONTRACTOR SHALL TEMPORARILY REHABILITATE WITHIN TEN (10) DAYS ANY DISTURBED AREAS PROVIDING A MINIMUM 60% COVER. FINAL REHABILITATION IS TO BE PROVIDED WITHIN A FURTHER 60 DAYS WITH A MINIMUM 70% COVER.
- THE CONTRACTOR SHALL PROVIDE WATERING OF THE VEGETATED BATTERS FOR MAINTENANCE PERIOD. PLANT, MACHINERY AND VEHICLES SHALL NOT BE DRIVEN OVER GRASSSED AREAS UNLESS ON AN APPROVED HAULAGE ROUTE.
- ALL DRAINAGE WORKS SHALL BE CONSTRUCTED AND STABILISED AS QUICKLY AS POSSIBLE TO MINIMISE RISK OF EROSION.
- SITE ACCESS SHALL BE RESTRICTED TO THE NOMINATED POINTS. THE CONTRACTOR SHALL PROVIDE STABILISED SITE ACCESS.
- DUST AND SITE DISTURBANCE MUST BE KEPT TO A MINIMUM. DURING WINDY WEATHER, LARGE UNPROTECTED AREAS MUST BE KEPT MOIST (NOT WET) BY SPRINKLING WITH WATER TO REDUCE WIND EROSION. ERECT BARRIER FENCING TO MINIMISE LAND DISTURBANCE BY PREVENTING VEHICULAR AND PEDESTRIAN ACCESS TO AREAS BEING REHABILITATED AND LANDS THAT DO NOT NEED TO BE DISTURBED BY THIS PROJECT.
- STOCKPILE TOPSOILS, SUBSOILS AND OTHER MATERIALS SEPARATELY.
- TOPSOIL SHALL BE STORED IN LOW MOUNDS NO MORE THAN 2 METRES HIGH AND RE-USED WITHIN TWO MONTHS TO MAINTAIN ACTIVE POPULATIONS OF BENEFICIAL SOIL MICROBES AND SEED.
- PLACE ALL STOCKPILES AT LEAST FIVE METRES FROM AREAS OF LIKELY CONCENTRATED OR HIGH VELOCITY FLOWS, ESPECIALLY EARTH BANKS AND ROADS. IF NECESSARY, EARTH BANKS OR DRAINS WILL BE CONSTRUCTED TO DIVERT LOCALISED RUN-ON.
- TURN TOPSOIL STOCKPILES OVER TO AERATE THEM AT MONTHLY INTERVALS. ENSURE VEGETATION IS NOT INCORPORATED INTO THE SOIL.

- AVOID REVERSING THE SOIL PROFILE MATERIALS DURING FILL OPERATIONS - REPLACE DISTURBED SOILS IN THEIR ORIGINAL ORDER.
- ON COMPLETION OF MAJOR EARTHWORKS AND BEFORE ADDING TOPSOIL, LEAVE DISTURBED LANDS WITH A LOOSE SURFACE. ALTERNATELY, DISTURBED AREAS PREVIOUSLY COMPACTED BY CONSTRUCTION WORKS WILL BE RIPPED TO MORE THAN 200-MM ALONG THE CONTOUR BEFORE APPLYING TOPSOIL.
- PROVIDING MATERIALS ARE AVAILABLE, SPREAD TOPSOIL TO A MINIMUM DEPTH OF 75mm IN REVEGETATION AREAS ON SLOPES OF 4(H):1(V) OR LESS AND TO A DEPTH OF 40 TO 60mm IN REVEGETATION AREAS STEEPER THAN 4:1.
- LEAVE TOPSOIL IN A SCARIFIED OR ROUGH CONDITION ONCE REPLACED TO HELP MOISTURE INFILTRATION AND REDUCE SOIL EROSION.
- ENSURE SOIL IS THOROUGHLY SOAKED TO A DEPTH OF 75mm (RAIN OR IRRIGATION) IMMEDIATELY BEFORE PLANTING.
- HANDLE TOPSOIL ONLY WHEN IT IS MOIST (NOT WET OR DRY) TO AVOID DECLINE OF SOIL STRUCTURE.
- THE CONTRACTOR SHALL MAINTAIN A LOG BOOK DETAILING:
  - RECORDS OF ALL RAINFALL
  - CONDITION OF SOIL AND WATER MANAGEMENT STRUCTURES
  - ANY APPLICATION OF FLOCCULATING AGENTS TO SEDIMENT BASIN
  - VOLUMES OF ALL WATER DISCHARGED FROM SEDIMENT BASINS
  - ANY ADDITIONAL REMEDIAL WORKS REQUIRED.
- THE LOG BOOK SHALL BE MAINTAINED ON A WEEKLY BASIS AND BE MADE AVAILABLE TO ANY AUTHORISED PERSON UPON REQUEST. THE ORIGINAL LOG BOOK SHALL BE ISSUED TO THE PROJECT MANAGER AT THE COMPLETION OF WORKS.
- ALL ROAD EMBANKMENTS TO BE STABILISED AS PER LANDSCAPE ARCHITECTS DETAILS.
- A SELF AUDITING PROGRAM SHOULD BE ESTABLISHED BASED ON A CHECK SHEET DEVELOPED FOR THE SITE. A SITE INSPECTION USING THE CHECK SHEET SHOULD BE MADE BY THE SITE MANAGER AT LEAST WEEKLY, IMMEDIATELY BEFORE SITE CLOSURE AND IMMEDIATELY FOLLOWING RAINFALL EVENTS THAT CAUSE RUNOFF.
- UNDERTAKE THE SELF AUDIT BY:
  - WALKING AROUND THE SITE SYSTEMATICALLY (E.G. CLOCKWISE)
  - RECORDING THE CONDITION OF EVERY BMP EMPLOYED
  - RECORDING MAINTENANCE REQUIREMENTS (IF ANY) FOR EACH BMP
  - RECORDING THE SITE WHERE SEDIMENT IS DISPOSED
  - FORWARDING A SIGNED DUPLICATE OF THE COMPLETED CHECK SHEET TO THE PROJECT MANAGER/DEVELOPER/SITE OPERATOR FOR THEIR INFORMATION
- IN PARTICULAR, INSPECT:
  - LOCATIONS WHERE VEHICLES ENTER AND LEAVE THE SITE
  - ALL INSTALLED EROSION AND SEDIMENT CONTROL MEASURES, ENSURING THEY ARE OPERATING CORRECTLY
  - AREAS THAT MIGHT SHOW WHETHER SEDIMENT OR OTHER POLLUTANTS ARE LEAVING THE SITE OR HAVE POTENTIAL TO DO SO
  - ALL DISCHARGE POINTS, TO ASSESS WHETHER THE EROSION AND SEDIMENT CONTROL MEASURES ARE EFFECTIVE IN PREVENTING IMPACTS TO THE RECEIVING WATERS
- A SITE INSPECTION USING THE CHECK SHEET WILL BE MADE BY THE SITE MANAGER AT LEAST WEEKLY, IMMEDIATELY BEFORE SITE CLOSURE, AND IMMEDIATELY FOLLOWING RAINFALL EVENTS GREATER THAN 5mm IN 24 HOURS.



# MAJOR PROJECT APPLICATION SSD 5248

Revision	Drawn	Design	Check	Appd.	Date	Revision Details
00	AW	DD	CB	TT	18/04/2013	ISSUED FOR REVIEW
01	PS	DD	CB	TT	25/07/2013	AMENDED LAYOUT, ROAD & SITE GRADING
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CONSULT AUSTRALIA  
Member Firm

Approval:  
by: STUART GREEN  
FIEAust. CP.Eng.  
Manager - Urban Development

Client:  
GAZCORP PTY. LTD.

Project:  
GAZCORP INDUSTRIAL ESTATE WALLGROVE ROAD, HORSLEY PARK  
EARTHWORKS & ROAD DESIGN

DATE: 13/03/15

Quality System  
Quality Endorsed Company

Client:  
GAZCORP PTY. LTD.

Project:  
GAZCORP INDUSTRIAL ESTATE WALLGROVE ROAD, HORSLEY PARK  
EARTHWORKS & ROAD DESIGN

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Drawing Title:  
SEDIMENT & EROSION CONTROL NOTES & DETAILS

Project No.: X12254  
Stage: 1  
Milestone: DA  
Dwg No.: 702  
Revision: 04