

24th November 2020

Reference No. SMS1.20294-L36.Rev0

Mr. Peter Jones
T&J Constructions
132 Ryans Road
GREEN FIELDS SA 5107

LOT 829 ISABELLA CRESCENT, ANGLE VALE – MIRAVALE STAGE 1

Dear Peter,

SMS Geotechnical Pty Ltd (SMS) was commissioned by T&J Constructions to provide Level 1 earthworks inspection and testing services on Lot 829 Isabella Crescent, South Australia. The area where fill was placed is shown approximately in Drawing SMS1.20294-F36.Rev0.

Pre and Post fill levels were undertaken by Alexander Symonds Survey Consultants. These levels are detailed in pre-fill level survey Miravale South, Stage 1 Angle Vale revision A and post-fill level survey Miravale South, Stage 1 Angle Vale revision 0.

Level 1 inspection and testing services were carried out by SMS to Australian Standard AS3798-2007 "Guidelines on earthworks for commercial and residential developments" between 30th June 2020 and 3rd November 2020. The subgrade was inspected and showed no signs of organic or unsuitable material. Subgrade proof rolling was witnessed prior to fill being placed and was deemed suitable by SMS' representative on site.

SMS conducted in situ density testing to AS1289.5.8.1 at randomly selected locations throughout areas in which fill was placed as per frequencies outlined in AS3798-2007. The density test results have been issued separately to T&J Constructions and are retained in our project file. The required laboratory dry density ratio was achieved on all tests taken during fill placement. Laboratory tests were conducted to AS1289.5.1.1.

On the completion of Level 1 earthworks inspection and testing, SMS advise that the fill placed on Lot 829 Isabella Crescent as shown in Drawing SMS1.20294-F36.Rev0, was witnessed and in our opinion meets the requirements of "Controlled Fill" as defined in AS3798-2007 and AS2870-2011 "Residential slabs and footings".

However, it should be recognised that the passage of time affects the information provided in this letter. SMS's opinions are based upon information that existed at the time that our services were provided. The services allowed SMS to form no more than an opinion of the fill placement undertaken under our Level 1 inspection and testing services at the times the earthworks were carried out. These services cannot be used to assess the effect of any subsequent further works at the site.

If you have any questions relating to this project or require any additional information, please contact our office on (08) 8258 7498.

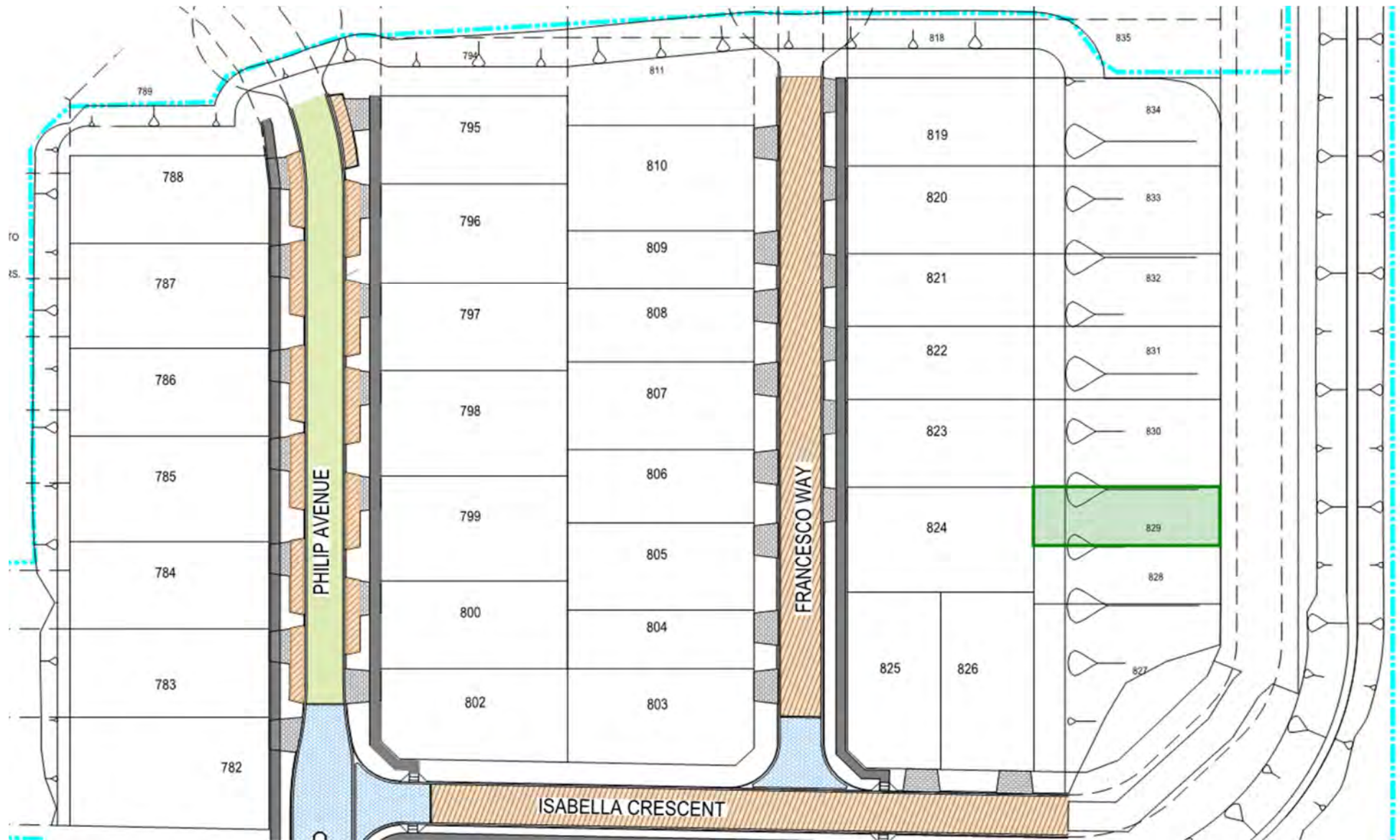
SMS GEOTECHNICAL PTY LTD



Luke Garcia
Business Development Manager

Attachments:

1. Drawing SMS1.20294-F36.Rev0
2. Alexander Symonds Survey Consultants – pre-fill level survey Miravale South, Stage 1 Angle Vale revision A
3. Alexander Symonds Survey Consultants – post-fill level survey Miravale South, Stage 1 Angle Vale revision 0



Approx. Fill Location

SMS
GEO TECHNICAL
Quality in Construction

Drawn:	LG	Date:	24.11.2020
Checked:	DM	Date:	24.11.2020
Revision:		Date:	
Scale:	NTS		A4

T&J CONSTRUCTIONS
MIRAVALE STAGE 1
ANGLE VALE
SITE PLAN

Project No.:	SMS1.20294	Drawing No.:	SMS1.20294-F36.Rev0
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11-11-2020		TRENCH LOCATION ADDED		JWS	PSW	<div style="display: flex; justify-content: space-between;"> <div style="width:45%;"> <p>47.51TK TOP/NERB</p> <p>47.36UT WATER TABLE</p> <p>45.16FL FLOOR LEVEL</p> <p>45.12IL INVERT LEVEL</p> <p>or 45.12 TAP</p> <p>WATER METER</p> <p>or SPRINKLR / IRRIG VALVE</p> <p>or HYDRANT</p> <p>DOMESTIC OUTLET</p> <p>ROADW/ELC. SERVICE</p> <p>DOMESTIC CUMP</p> <p>STORMWATER MYHOLE</p> <p>SEP / GRATING</p> </div> <div style="width:45%;"> <p>TEL. COMM. PILLAR / PIT</p> <p>TRAFFIC LIGHT</p> <p>SIGN / BUS SIGN</p> <p>LITTER BIN</p> <p>MAIL BOX / SIGNAL BOX</p> <p>TICKET MACHINE</p> <p>ROADW/ELC. SERVICE</p> <p>WATER V.P. / FPH</p> <p>ELEC. / GAS METER</p> <p>GAS SERVICE</p> </div> </div>		<div style="display: flex; justify-content: space-between;"> <div style="width:45%;"> <p>PSM</p> <p>SURVEY MARKS</p> <p>BOREHOLE</p> <p>POWER / LIGHT POLE</p> <p>CABLE MARKER</p> <p>STORIE / WOODEN POLE</p> <p>POST / BOLLARD</p> <p>SEWER RM / V / SP</p> <p>UNKNOWN POINT / SERVICE</p> </div> <div style="width:45%;"> <p>PEG / TBM</p> <p>EDGE OF VEGET</p> <p>ROAD SIGN / HOARD</p> <p>TREE / SHRUB</p> <p>Possible REGULATED / SIGNIFICANT TREE by measurement only think greater than 2.0m (circumference). Professional advice from council / arborist required.</p> </div> </div>		<div style="display: flex; justify-content: space-between;"> <div style="width:45%;"> <p>BOTTOM OF BANK</p> <p>TOP OF BANK</p> <p>CHANGE OF GRADE</p> <p>DRAIN</p> <p>SEWER PIPE UG</p> <p>TEL. COMM. UG</p> <p>WATER PIPE UG</p> <p>BUILDING</p> <p>WALL</p> <p>CONCRETE</p> <p>FENCE</p> <p>GATE</p> </div> <div style="width:45%;"> <p>LEGEND</p> </div> </div>		<div style="display: flex; justify-content: space-between;"> <div style="width:45%;"> <p>COORDINATE SYSTEM</p> <p>VERTICAL: AHD</p> <p>HORIZONTAL: GROUND PLANE ORIENTED TO: MGA 94 ZONE 54</p> <p>SCALE: GROUND (CSF = 1.00016477)</p> </div> <div style="width:45%;"> <p>ADOPTED STATEMENT & AUTHORITY</p> <p>PSM 6628/22668 RL: 30.486 SDB</p> <p>PSM 6628/22668 E: 284812.468 SDB</p> <p>N: 6163728.958 SDB</p> <p>SDB denotes SA Government survey data base values. (dated: 12/07/1999)</p> </div> </div>		<div style="display: flex; justify-content: space-between;"> <div style="width:45%;"> <p>© ALEXANDER & SYMONDS PTY. LTD.</p> <p>Notes: Property boundaries and easements shown hereon have been compiled from government records and show discrepancies to Certificate of Title dimensions. Boundaries have not been verified by field survey. Construction or design on or near boundaries or easements will require additional survey work.</p> </div> <div style="width:45%;"> <p>CONTOUR INTERVAL: Maj: 1.00 m & Min: 0.10m</p> <p>SURVEY: PSW 08.07.2020</p> <p>DRAWN: JWS 10.07.2020</p> <p>CHECKED: RES 10.07.2020</p> </div> </div>		<div style="display: flex; justify-content: space-between;"> <div style="width:45%;"> <p>Alexander & Symonds Pty Ltd 11 King William Street Kent Town, South Australia 5067 PO Box 1000 Kent Town, SA 5071 ABN 93007 753 988</p> </div> <div style="width:45%;"> <p>T (08) 8130 1666 F (08) 8362 0099 W www.alexander.com.au E adelade@alexander.com.au</p> </div> </div>		<div style="display: flex; justify-content: space-between;"> <div style="width:45%;"> <p>+ Property + Land Development +</p> <p>+ Construction + Mining +</p> <p>+ Spatial Information Management +</p> </div> <div style="width:45%;"> <p>Alexander Symonds Surveying Consultants</p> </div> </div>		<div style="display: flex; justify-content: space-between;"> <div style="width:45%;"> <p>DRAWING No.</p> <p>A124317 Pre-Fill level survey Miravale South Stage 1(A)</p> </div> <div style="width:45%;"> <p>SHEET 1 OF 1</p> <p>REVISION A</p> </div> </div>	
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REV	DATE	DESCRIPTION	CALC	FIELD
ADDITIONS, AMENDMENTS AND APPROVALS				

LEGEND	
47.51TK TOP KERB 47.36WT WATER TABLE 45.16FL FLOOR LEVEL 48.12IL INVERT LEVEL or TAP WATER METER SPRINKLER / IRRIG VALVE HYDRANT DOMESTIC OUTLET DOWNPIPE DOMESTIC SUMP STORMWATER M/HOLE SEP / GRATING	TEL COMM. PILLAR / PIT TRAFFIC LIGHT SIGN / BUS SIGN MAIL BOX / SIGNAL BOX TICKET MACHINE ROAD / ELEC. SERVICE WATER SV / FFP ELEC. / GAS METER GAS SERVICE TEL COMM. PILLAR / PIT TRAFFIC LIGHT SIGN / BUS SIGN MAIL BOX / SIGNAL BOX TICKET MACHINE ROAD / ELEC. SERVICE WATER SV / FFP ELEC. / GAS METER GAS SERVICE

COORDINATE SYSTEM	
VERTICAL:	AHD
HORIZONTAL:	GROUND PLANE ORIENTED TO: MGA 94 ZONE 54
SCALE: GROUND (CSF = 1.00016477)	
ADOPTED STATION & AUTHORITY	
PSM 6628/22868	RL: 30.486 SDB
PSM 6628/22868	E: 284812.468 SDB
	N: 6163728.958 SDB
SDB denotes SA Government survey data base values (Dated: 12/07/1999)	

0 5 10 20 30 40 50 m	
1:500	
ORIGINAL SHEET SIZE A1	
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Notes: Property boundaries and easements shown hereon have been compiled from government records and show discrepancies to Certificate of Title dimensions. Boundaries have not been verified by field survey. Construction or design on or near boundaries or easements will require additional survey work.	
CONTOUR INTERVAL:	Maj: 1.00 & Min: 0.10m
SURVEY:	AM 17.11.2020
DRAWN:	JWS 20.11.2020
CHECKED:	RES 20.11.2020

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+ Property + Land Development + + Construction + Mining + + Spatial Information Management +	

POST-FILL LEVEL SURVEY MIRAVALE SOUTH, STAGE 1 ANGLE VALE	
DRAWING No.	SHEET 1 OF 1
20A0478.C0001 Miravale South Stage 1 Post Fill Rev 0	
REVISION	0