

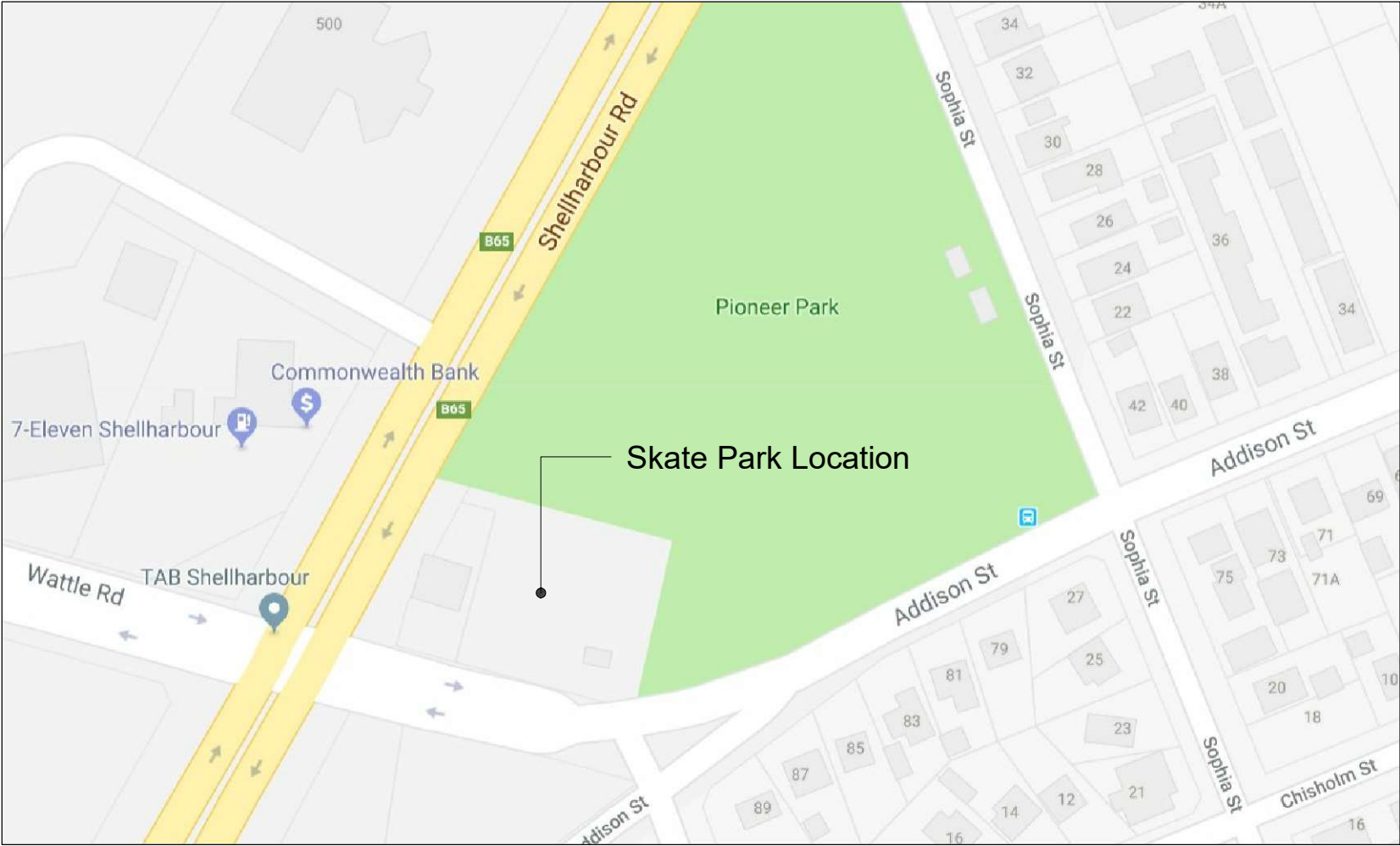
SHELLHARBOUR SKATEPARK

Pioneer Park, Addison Street Shellharbour

Shellharbour City Council

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Location Plan

FOR CONSTRUCTION ISSUE



VFG Skateparks
PO Box 133 Bogangar
NSW 2488 Australia
Phone. 0407275223
vfgskateparks.com.au



A2

Drawn:	Checked:	Date:	Scale:
BW	KA	10/1/2018	NTS @ A2

B	For Construction	10/1/2018
A	For Revision	6/12/2018
RV.	REVISIONS	DATE



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WARNING:
BEWARE OF UNDERGROUND SERVICES. THE
LOCATION OF UNDERGROUND SERVICES
ARE INDICATIVE ONLY. THEIR EXACT
POSITION SHOULD BE PROVEN ON SITE.



Shellharbour
CITY COUNCIL

LOCKED BAG 155 SHELLHARBOUR
CITY CENTRE NSW 2529



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NOTES:

SHELLHARBOUR SKATEPARK

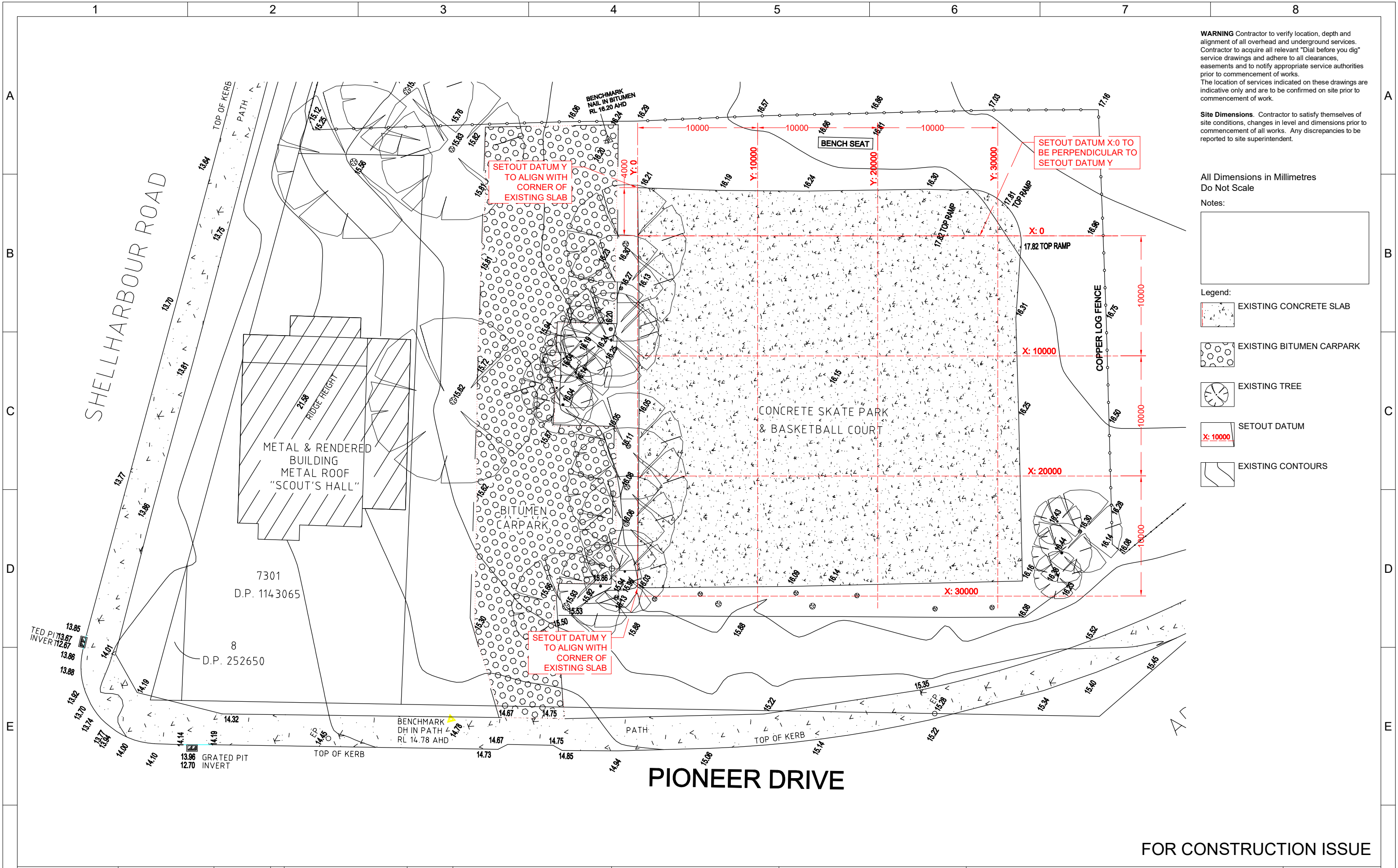
SITE PLAN AND DRAWING INDEX

PROJECT NUMBER
18064

DRAWING NUMBER
18064-CD001-B

	1	2	3	4	5	6	7	8																		
A	<div>General notes</div>																									
	<div>SITE</div> <div>1.01 CONTRACTOR TO VERIFY LOCATION OF AND ISOLATE ALL EXISTING SERVICES PRIOR TO COMMENCEMENT OF WORKS (LOCATIONS ARE APPROXIMATE ONLY) ALL EXISTING SERVICES TO BE RETAINED AND PROTECTED THROUGHOUT CONSTRUCTION UNLESS OTHERWISE NOTED.</div>		<div>CONCRETE</div> <div>5.07 SAW CUTS TO BE SAWN AS SHOWN ON PLANS. SAW CUT DEPTH TO BE 30MM DEEP. LOCATION OF STEEL REINFORCEMENT SHALL BE MARKED (ON FORM WORK OR SIMILAR) PRIOR TO CONCRETE POUR TO ENABLE ACCURATE POSITIONING OF SAW CUTS. REFER TO 'NOMINAL SAW CUT DETAIL'. SAW CUTS TO BE STRAIGHT AND TRUE.</div>		<div>6.06 SPLICES SHALL ONLY BE USED AS SHOWN ON THE DRAWINGS OR WHEN BARS LONGER THAN NORMAL STOCK LENGTH WOULD BE REQUIRED. IN LAP SPLICES, THE OVERLAP LENGTH SHALL BE TO THE REQUIREMENTS OF AS 3600 OR AS OTHERWISE STATED IN THE DRAWINGS</div>		<div>ALL SECTIONS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS, WITH PARTICULAR REGARD TO BOLT LOCATIONS AND LAP SIZES. ALL WORK SHALL BE COMPLETED IN A WORKMANLIKE MANNER PRIOR TO INSTALLATION OF THE CLADDING MATERIAL. ALL HANGERS TO BE HUNG FROM PURLIN WEBS NOT FLANGES.</div>		A																	
	<div>1.02 HEIGHT DATUM, SET OUT BASE POINT / LOCAL GRID TO BE LOCATED ON SITE BY REGISTERED SURVEYOR.</div>		<div>5.08 SAW CUT ALL SLABS MAXIMUM 24 HOURS AFTER POUR.</div>		<div>SKATE STEEL WORK</div> <div>7.01 ALL WORKMANSHIP SHALL BE IN ACCORDANCE WITH AS4100, AS 4600, AS 1554 AND AS HB63 UNLESS OTHERWISE SPECIFIED BY THE CONTRACT DOCUMENTS</div>		<div>9.04 ALL EXPOSED STEELWORK SHALL BE HOT DIP GALVANISED OR OTHERWISE PAINT PROTECTED IN ACCORDANCE WITH AS2312 AS SPECIFIED IN DRAWINGS.</div>																			
	<div>1.03 CONTRACTOR TO CHECK ALL DIMENSIONS AS SHOWN, ANY DISCREPANCIES OR LACK OF CLARITY SHALL BE INDICATED BY CONTRACTOR FOR CLARIFICATION</div>		<div>5.09 ALL CONCRETE SKATE SURFACES TO HAVE BURNISHED TROWEL FINISH.</div>		<div>7.02 ALL STEELWORK BELOW GROUND SHALL BE CASED IN MINIMUM 50 MM CONCRETE ALL ROUND</div>		<div>9.05 GALVANIZED STEELWORK THAT IS SITE WELDED OR SUSTAINS ANY OTHER KIND OF SURFACE DAMAGE IS TO BE PREPARED TO AS 1627:2 CLASS 3 AND PRIMED WITH 2 COATS OF GALVANITE (MANUFACTURED BY JOTUN) TO MANUFACTURERS SPECIFICATION OR SIMILAR APPROVED.</div>																			
B	<div>1.04 CONTRACTOR TO ENSURE ALL EXISTING TREES AND SITE FEATURES ARE RETAINED AND PROTECTED THROUGHOUT CONSTRUCTION UNLESS NOTED OTHERWISE ON DEMOLITION PLAN.</div>		<div>5.10 VERTICAL OFF FORM CONCRETE SURFACES TO HAVE CLASS 2 OFF FORM FINISH AS PER AS3610 - FORMWORK FOR CONCRETE.</div>		<div>7.03 REFER TO PLANS AND SECTIONS FOR COPING OR MEMBER TYPE AND PROFILE. ALL STEEL AND MEMBER WALLS SHALL BE MINIMUM 5MM THICK.</div>		<div>9.06 ALL STEELWORK BELOW GROUND OR FINISHED SURFACE LEVEL SHALL BE ENCASED IN 75mm MINIMUM CONCRETE ALL ROUND.</div>		B																	
	<div>DEMOLITION</div> <div>2.01 ALL REFUSE ITEMS TO BE RECYCLED WHERE PRACTICAL.</div>		<div>5.11 ALL EXPOSED CONCRETE SURFACES TO BE APPLIED WITH 'PARCHEM LUSTRESEAL EXTENDED WEAR PLUS' OR SIMILAR APPROVED. REFER TO SPECIFICATIONS FOR FURTHER INFROMATION.</div>		<div>7.04 EXPOSED ENDS OF MEMBERS SHALL BE CAPPED WITH PLATE, CONTINUOUS FILLET WELDED AND GROUND SMOOTH.</div>		<div>9.07 BOLT DESIGNATION 8.8/S DENOTES HIGH STRENGTH STRUCTURAL BOLTS OF STRESS GRADE 8.8 TO AS1252 TIGHTENED TO A SNUG TIGHT CONDITION. 8.8/TB DENOTES HIGH STRENGTH STRUCTURAL BOLTS OF STRESS GRADE 8.8 TO AS1252 FULLY TENSIONED TO AS4100 AS A BEARING JOINT. 8.8/TF DENOTES HIGH STRENGTH STRUCTURAL BOLTS OF STRESS GRADE 8.8 TO AS1252 FULLY TENSIONED TO AS4100 AS A FRICTION JOINT 4.6/S DENOTES COMMERCIAL GRADE BOLTS OF STRESS GRADE 4.6 TO AS1252 TIGHTENED TO A SNUG TIGHT CONDITION</div>																			
C	<div>SITE PREPARATION</div> <div>3.01 ALL ORGANIC MATERIALS ARE TO BE REMOVED FROM THE BUILDING PLATFORM.</div>		<div>5.12 SOME SURFACE CRACKING TO CONCRETE SLABS IS TO BE EXPECTED AS THE CONCRETE CURES. THIS PROBLEM IS OF NO STRUCTURAL SIGNIFICANCE AND WILL NOT AFFECT THE PERFORMANCE OF THE SLAB. REFER TO AS3600- CONCRETE STRUCTURES AND AS2870-1996 RESIDENTIAL SLABS AND FOOTINGS FOR FURTHER INFORMATION.</div>		<div>7.05 ALL CONNECTIONS OF STEEL MEMBERS SHALL BE MITRED, FULLY WELDED AND GROUND SMOOTH.</div>		<div>9.08 ALL BOLT HOLES SHALL BE 2mm LARGER THAN THE NOMINAL BOLT DIAMETER, UNLESS OTHERWISE NOTED.</div>																			
	<div>3.02 SITE TO BE CUT AND OR FILLED TO FORM A LEVEL BENCH.</div>		<div>CRACKS OCCURRING WITHIN THE FIRST 12 MONTHS OF INSTALLATION ARE TO BE REPAIRED BY THE CONTRACTOR IN ACCORDANCE WITH THE BELOW REQUIREMENTS: CRACKS UP TO 0.15MM WIDE - NO TREATMENT REQUIRED CRACKS FROM 0.15MM TO 1.0MM WIDE - LOW VISCOSITY EPOXY CRACK INJECTION OR OTHER APPROVED METHOD. CRACKS GREATER THAN 1.0MM WIDE - REMOVAL AND FULL RECONSTRUCTION OF THE ELEMENT. THE CONTRACTOR SHALL PROVIDE A 12 MONTH WARRANTY PERIOD OVER CRACK REPAIRS.</div>		<div>7.06 ALL STEEL MEMBERS SHALL HAVE 'DURAGAL'OR HOT DIP GALVANISING COATING. ALL WELDS OR BROKEN PROTECTIVE COATINGS SHALL BE RECOATED WITH COLD GAL WHICH SHALL OVERLAP RETAINED PROTECTIVE COATING BY 100MM</div>		<div>9.09 ALL WELDS SHALL BE SP (SPECIAL PURPOSE) IN ACCORDANCE WITH AS1554. ALL ELECTRODES SHALL BE CLASS E48. ALL BUTT WELDS SHALL BE FULL STRENGTH COMPLETE PENETRATION WELDS.</div>		C																	
D	<div>3.03 ANY PLACED FILL MATERIAL IS TO CONFORM AND BE PLACED IN ACCORDANCE WITH AS870-2011 CL6,4,2 AND IS NOT TO EXCEED 300MM. ANY IMPORTED PLACED FILL IS TO BE A WELL GRADED COMPACTING MATERIAL.</div>		<div>5.13 CONCRETE SURFACE TO BE GRADED AS PER PLANS TO ENSURE NO POOLING OF WATER WILL OCCUR ON CONCRETE SURFACE OR AGAINST ANY ELEMENTS.</div>		<div>7.07 ENSURE NO SHARP EDGES ON ANY STEEL WORK. ENSURE BLOW HOLES REQUIRED FOR HOT DIP GALVANISING PROCESS ARE ON INTERNAL NON VISIBLE FACES.</div>		<div>9.10 UNLESS NOTED OTHERWISE ON THE DRAWINGS, CONNECTIONS SHALL SATISFY THE FOLLOWING MINIMUM REQUIREMENTS: - ALL STIFFENER AND CLEAT PLATES TO BE 10mm THICK - ALL CAP PLATES TO BE 10mm THICK - ALL BASE PLATES TO BE 20mm THICK - ALL BOLTS TO BE M20 8.8/S, WITH A MINIMUM OF TWO BOLTS PER CONNECTION - PURLIN AND GIRT BOLTS TO BE M12 8.8/S, WITH A MINIMUM OF TWO BOLTS PER MEMBER END - ALL WELDS SHALL BE 6mm CONTINUOUS FILLET WELDS ALL ROUND</div>																			
	<div>EARTHWORKS</div> <div>4.01 INSTALL STABLE CLEAN FILL MATERIAL OF NOT GREATER THAN 40MM MAXIMUM PARTICLE SIZE, COMPACTED TO 95% (MMDD) TO ACHIEVE DESIGN LEVELS, FILL SHALL BE PLACED AND COMPACTED IN LAYERS NOT EXCEEDING 200 MM, TO COMPLY WITH AS 3798-2007</div>		<div>5.14 SHOTCRETE REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.</div>		<div>8.01 SHALL BE FABRICATED OFF SITE</div>		<div>9.11 THE ENDS OF ALL TUBULAR MEMBERS SHALL BE SEALED WITH NOMINAL THICKNESS PLATES AND CONTINUOUS FILLET WELDS UNLESS NOTED OTHERWISE. GALVANISED TUBULAR MEMBERS ARE TO BE PROVIDED WITH THE APPROPRIATE PROVISION FOR VENTING DURING GALVANISING OR SITE WELDED IN ACCORDANCE WITH NOTE 3.5.</div>		D																	
E	<div>4.02 ALL NEW AND DISTURBED FINISHED EARTH AREAS TO BE NEAT, CLEAN PRESENTABLE AND EVENLY GRADED TO TIE IN WITH NATURAL GROUND LEVELS.</div>		<div>5.15 CONCRETE COLOUR OXIDE COLOURED CONCRETE SYSTEMS 'CCS BEES WAX' 3% INTEGRAL MIX IN GREY CEMENT WITH BURNISHED STEEL TROWEL FINISH.</div>		<div>8.02 ALL MEMBER SIZES AS DETAILED.</div>																					
	<div>4.03 ALL NEW AND DISTURBED FINISHED EARTH AREAS TO BE NEAT, CLEAN PRESENTABLE AND EVENLY GRADED TO TIE IN WITH NATURAL GROUND LEVELS.</div>		<div>COLOURED CONCRETE SYSTEMS 'CCS BLACK44' 6% INTEGRAL MIX IN GREY CEMENT WITH BURNISHED STEEL TROWEL FINISH.</div>		<div>8.03 ALL MEMBERS SHALL BE MITRED, CONTINUOUS FILLET WELDED, ENDS CAPPED, WELDS GROUND SMOOTH, REO WELDED AND ENTIRE PIECE HOT DIP GALVANISED.</div>		<div>8.04 ENSURE ALL REINFORCING IS FABRICATED TO ALL MINIMUM 50 MM CONCRETE COVER</div>																			
	<div>CONCRETE</div> <div>5.01 ALL MATERIALS, WORKMANSHIP, HANDLING PLACEMENT SHALL COMPLY WITH RELEVANT AUSTRALIAN STANDARDS AND THE SPECIFICATION.</div>		<div>CONCRETE REINFORCEMENT</div> <div>6.01 REINFORCEMENT SHALL BE GRADE 500 MPa CONFORMING TO AUSTRALIAN STANDARDS AS 4671 STEEL REINFORCING.</div>		<div>STRUCTURAL STEEL</div>																					
	<div>5.02 ALL CONCRETE TO BE 32MPa LIMIT MOISTURE CONTENT</div> <div>5.03 ENSURE ADEQUATE VIBRATION OF CONCRETE IS ACHIEVED. REFER TO SPECIFICATIONS FOR FURTHER INFORMATION.</div>		<div>6.02 CONCRETE COVER 50 MM MINIMUM ALL REINFORCEMENT SHALL BE HELD RIGIDLY IN POSITION WITHIN THE SPECIFIED TOLERANCES BEFORE AND DURING CONCRETE PLACING WITH APPROVED BAR CHAIRS.</div>		<div>9.01 ALL MATERIALS, WORKMANSHIP, FABRICATION AND ERECTION SHALL COMPLY WITH THE REQUIREMENTS OF THE RELEVANT AUSTRALIAN STANDARDS AS WELL AS WITH THE PROJECT SPECIFICATION.</div>				E																	
	<div>5.04 SLUMP OF CONCRETE 70mm TO 100mm. REFER TO SPECIFICATIONS FOR FURTHER INFORMATION.</div>		<div>6.03 TRIMMER BARS 2xN12 x 2000 LONG TO ALL INTERNAL SLAB CORNERS. LAYED OUT AS INDICATED ON PLANS. TRIMMER BARS MAY BE BENT TO AVOID CROSSING SAW CUTS.</div>		<div>9.02 UNLESS OTHERWISE SHOWN ALL STRUCTURAL STEEL SHALL BE: GRADE 300PLUS FOR UB, UC, WB, WC, PFC, ANGLES, FLATS AND HOT ROLLED PLATES. GRADE 350 FOR RHS, CHS AND SHS.</div>																					
	<div>5.05 CONCRETE THICKNESS AND THE PLACEMENT OF ALL BEAMS AND DOWNTURN WALLS SHALL BE AS INDICATED ON PLANS AND DETAILS.</div>		<div>6.04 FLAT BOTTOM SLABS TO BE SL 102 MESH ROLL OUT PLATFORMS, TRANSITIONS AND BANKS ECT - SL92 MESH</div>		<div>9.03 ALL ROLL FORMED PURLINS, GIRTS, BRIDGING AND ACCESSORIES SHALL BE BHP BUILDING PRODUCTS, GRADE 450 MINIMUM COMPLYING WITH AS1397 AND AS4600 UNLESS NOTED OTHERWISE. ALTERNATIVE PRODUCTS CAN ONLY BE USED FOLLOWING SUBMISSION OF SECTION PROPERTIES, PURLIN CAPACITY CALCULATIONS AND BRIDGING CAPACITY CALCULATIONS, PRODUCED AND DETAILED FOR THIS PROJECT.</div>																					
	<div>5.06 CONSTRUCTION JOINTS SHALL BE CONSTRUCTED AS PER PLANS AND DETAILS.</div>		<div>CONCRETE</div> <div>6.05 DOWNTURN WALLS SL92 MESH OR N12 @ 300 CENTRES EDGE AND SLAB BEAMS L12TM3W</div>																							
A	<div><div><div><div><div></div><div>VFG Skateparks</div><div>PO Box 133 Bogangar NSW 2488 Australia</div><div>Phone. 0407275223</div><div>vfgskateparks.com.au</div></div><div><div><div></div><div>A2</div></div></div></div><div><table><tr><td>DRAWN:</td><td>CHECKED:</td><td>DATE:</td><td>SCALE:</td></tr><tr><td>BW</td><td>KA</td><td>10/1/2018</td><td>NTS @ A2</td></tr></table></div><div><table><tr><td>B</td><td>For Construction</td><td>10/1/2018</td></tr><tr><td>A</td><td>For Revision</td><td>6/12/2018</td></tr><tr><td>Rv.</td><td>REVISIONS</td><td>DATE</td></tr></table></div><div><div><div>CONSULTING ENGINEERS</div><div></div><div>WARNING: BEWARE OF UNDERGROUND SERVICES. THE LOCATION OF UNDERGROUND SERVICES ARE INDICATIVE ONLY. THEIR EXACT POSITION SHOULD BE PROVEN ON SITE.</div></div></div><div><div>CLIENT:</div><div></div><div>LOCKED BAG 155 SHELLHARBOUR CITY CENTRE NSW 2529</div></div><div><div>NOTES:</div><div></div></div><div><div>PROJECT:</div><div>SHELLHARBOUR SKATEPARK</div></div><div><div>DRAWING TITLE</div><div>GENERAL NOTES 1 OF 2</div></div><div><div>PROJECT NUMBER</div><div>18064</div></div><div><div>DRAWING NUMBER</div><div>18064-CD002-B</div></div></div><div><div>1</div><div>2</div><div>3</div><div>4</div><div>5</div><div>6</div><div>7</div><div>8</div></div></div>									DRAWN:	CHECKED:	DATE:	SCALE:	BW	KA	10/1/2018	NTS @ A2	B	For Construction	10/1/2018	A	For Revision	6/12/2018	Rv.	REVISIONS	DATE
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WARNING Contractor to verify location, depth and alignment of all overhead and underground services. Contractor to acquire all relevant "Dial before you dig" service drawings and adhere to all clearances, easements and to notify appropriate service authorities prior to commencement of works. The location of services indicated on these drawings are indicative only and are to be confirmed on site prior to commencement of work.

Site Dimensions. Contractor to satisfy themselves of site conditions, changes in level and dimensions prior to commencement of all works. Any discrepancies to be reported to site superintendent.

All Dimensions in Millimetres
Do Not Scale

Notes:

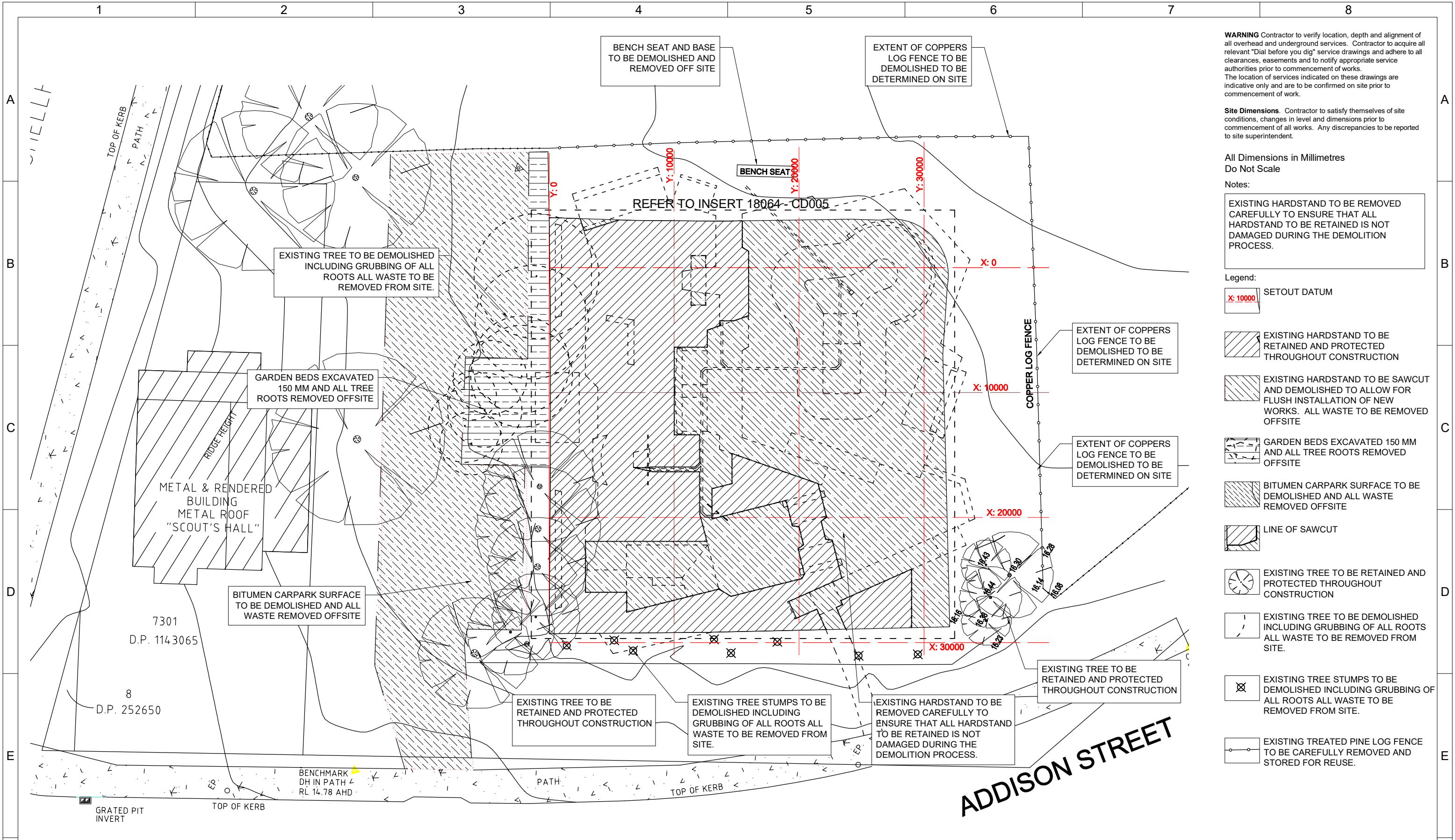


Legend:

- EXISTING CONCRETE SLAB
- EXISTING BITUMEN CARPARK
- EXISTING TREE
- SETOUT DATUM
- EXISTING CONTOURS

FOR CONSTRUCTION ISSUE

		VFG Skateparks PO Box 133 Bogangar NSW 2488 Australia Phone. 0407275223 vfgskateparks.com.au										SHELLHARBOUR SKATEPARK		18064	
DRAWN: BW		CHECKED: KA		DATE: 10/1/2018		SCALE: 200:1 @ A2		LOCKED BAG 155 SHELLHARBOUR CITY CENTRE NSW 2529				DRAWING TITLE EXISTING CONDITIONS		DRAWING NUMBER 18064-CD103-B	



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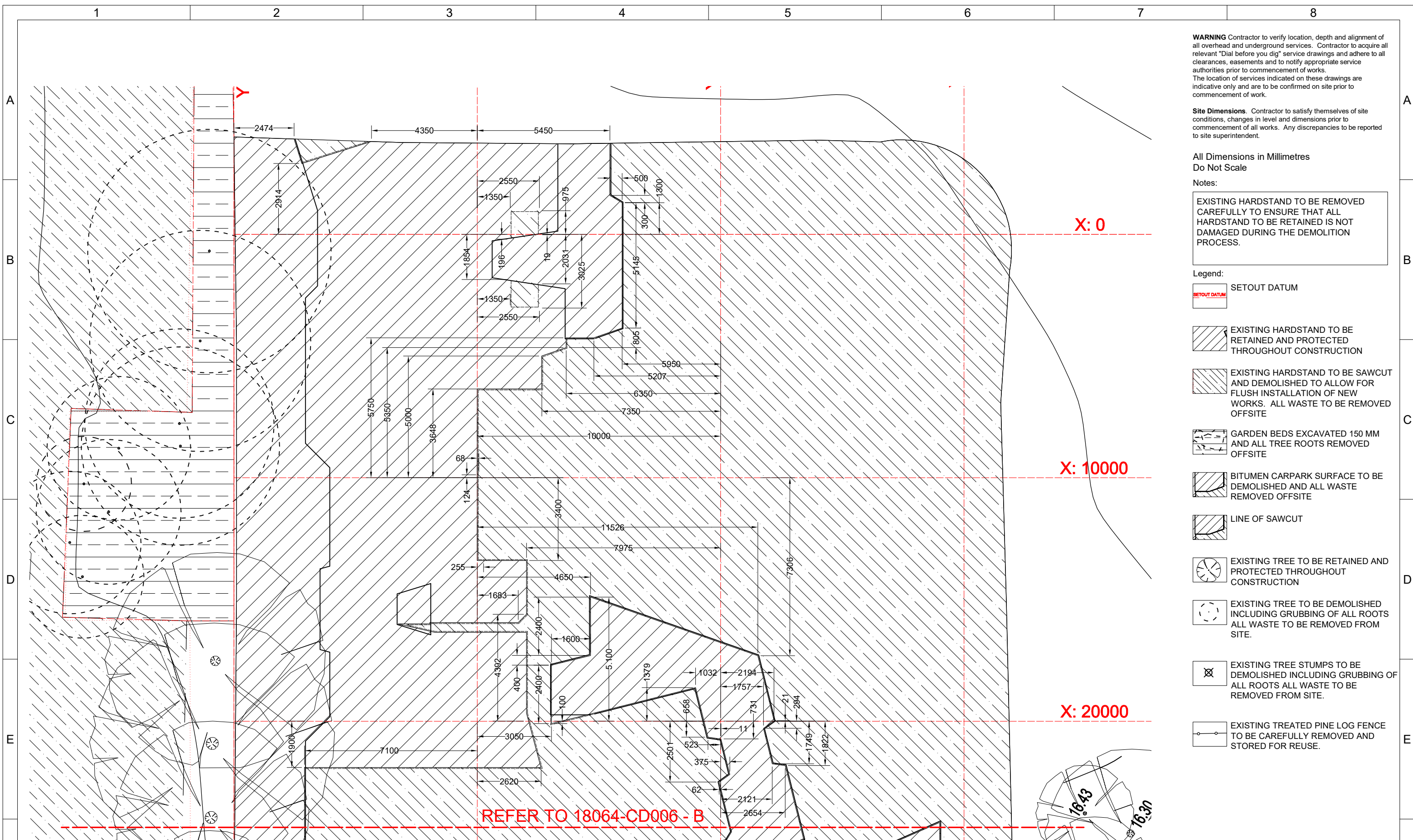
All Dimensions in Millimetres
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Notes:
EXISTING HARDSTAND TO BE REMOVED CAREFULLY TO ENSURE THAT ALL HARDSTAND TO BE RETAINED IS NOT DAMAGED DURING THE DEMOLITION PROCESS.

- Legend:
- SETOUT DATUM
 - EXISTING HARDSTAND TO BE RETAINED AND PROTECTED THROUGHOUT CONSTRUCTION
 - EXISTING HARDSTAND TO BE SAWCUT AND DEMOLISHED TO ALLOW FOR FLUSH INSTALLATION OF NEW WORKS. ALL WASTE TO BE REMOVED OFFSITE
 - GARDEN BEDS EXCAVATED 150 MM AND ALL TREE ROOTS REMOVED OFFSITE
 - BITUMEN CARPARK SURFACE TO BE DEMOLISHED AND ALL WASTE REMOVED OFFSITE
 - LINE OF SAWCUT
 - EXISTING TREE TO BE RETAINED AND PROTECTED THROUGHOUT CONSTRUCTION
 - EXISTING TREE TO BE DEMOLISHED INCLUDING GRUBBING OF ALL ROOTS ALL WASTE TO BE REMOVED FROM SITE.
 - EXISTING TREE STUMPS TO BE DEMOLISHED INCLUDING GRUBBING OF ALL ROOTS ALL WASTE TO BE REMOVED FROM SITE.
 - EXISTING TREATED PINE LOG FENCE TO BE CAREFULLY REMOVED AND STORED FOR REUSE.

FOR CONSTRUCTION ISSUE

		VFG Skateparks PO Box 133 Bogangar NSW 2488 Australia Phone. 0407275223 vfgskateparks.com.au				A2								PROJECT: SHELLHARBOUR SKATEPARK		PROJECT NUMBER: 18064	
DRAWN: BW		CHECKED: KA		DATE: 10/1/2018		SCALE: 200:1 @ A2		WARNING: BEWARE OF UNDERGROUND SERVICES. THE LOCATION OF UNDERGROUND SERVICES ARE INDICATIVE ONLY. THEIR EXACT POSITION SHOULD BE PROVEN ON SITE.		CLIENT: LOCKED BAG 155 SHELLHARBOUR CITY CENTRE NSW 2529		NOTES:		DRAWING TITLE: DEMOLITION SHEET 1 OF 3		DRAWING NUMBER: 18064-CD104-B	
1		2		3		4		5		6		7		8		9	



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Notes:


EXISTING HARDSTAND TO BE REMOVED
CAREFULLY TO ENSURE THAT ALL
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PROCESS.


Legend:

SETOUT DATUM


 EXISTING HARDSTAND TO BE
RETAINED AND PROTECTED
THROUGHOUT CONSTRUCTION


 EXISTING HARDSTAND TO BE SAWCUT AND DEMOLISHED TO ALLOW FOR FLUSH INSTALLATION OF NEW WORKS. ALL WASTE TO BE REMOVED OFFSITE


 GARDEN BEDS EXCAVATED 150 MM
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 BITUMEN CARPARK SURFACE TO BE
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LINE OF SAWCUT

 EXISTING TREE TO BE RETAINED AND PROTECTED THROUGHOUT CONSTRUCTION

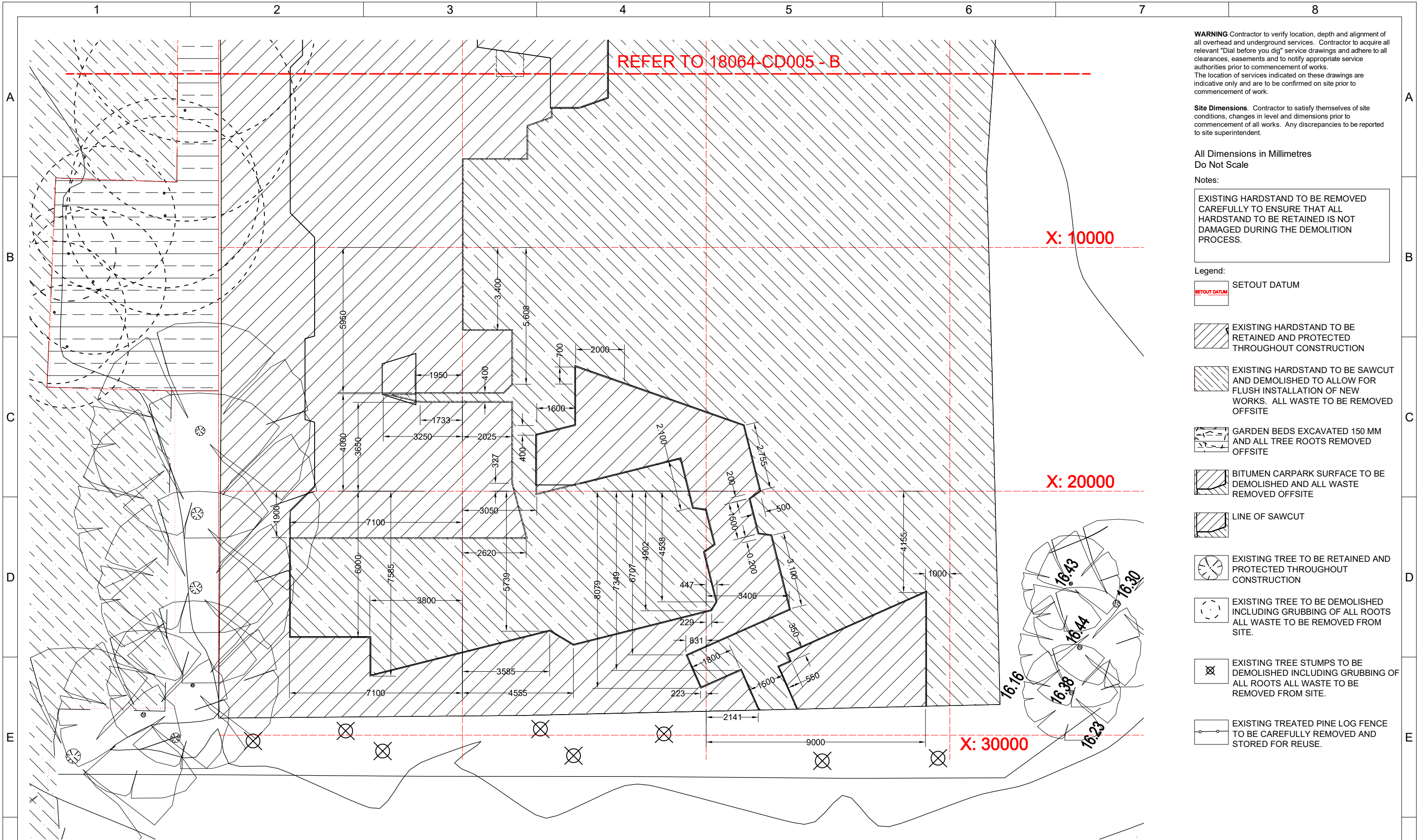
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	<p>EXISTING TREE STUMPS TO BE DEMOLISHED INCLUDING GRUBBING OF ALL ROOTS ALL WASTE TO BE REMOVED FROM SITE.</p>
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 EXISTING TREATED PINE LOG FENCE
TO BE CAREFULLY REMOVED AND
STORED FOR REUSE.

FOR CONSTRUCTION ISSUE

A	 VFG Skateparks PO Box 133 Bogangar NSW 2488 Australia Phone. 0407275223 vfgskateparks.com.au								PROJECT: SHELLHARBOUR SKATEPARK	PROJECT NUMBER 18064	A
	DRAWN: BW CHECKED: KA DATE: 10/1/2018 SCALE: 100:1 @ A2	B For Construction 10/1/2018 A For Revision 6/12/2018 Rv. REVISIONS DATE	WARNING: BEWARE OF UNDERGROUND SERVICES. THE LOCATION OF UNDERGROUND SERVICES ARE INDICATIVE ONLY. THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. LOCKED BAG 155 SHELLHARBOUR CITY CENTRE NSW 2529	DRAWING TITLE DEMOLITION SHEET 2 OF 3							
	1	2	3	4	5	6	7	8			



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Notes:
EXISTING HARDSTAND TO BE REMOVED CAREFULLY TO ENSURE THAT ALL HARDSTAND TO BE RETAINED IS NOT DAMAGED DURING THE DEMOLITION PROCESS.

Legend:

SETOUT DATUM

EXISTING HARDSTAND TO BE RETAINED AND PROTECTED THROUGHOUT CONSTRUCTION

EXISTING HARDSTAND TO BE SAWCUT AND DEMOLISHED TO ALLOW FOR FLUSH INSTALLATION OF NEW WORKS. ALL WASTE TO BE REMOVED OFFSITE

GARDEN BEDS EXCAVATED 150 MM AND ALL TREE ROOTS REMOVED OFFSITE

BITUMEN CARPARK SURFACE TO BE DEMOLISHED AND ALL WASTE REMOVED OFFSITE

LINE OF SAWCUT

EXISTING TREE TO BE RETAINED AND PROTECTED THROUGHOUT CONSTRUCTION

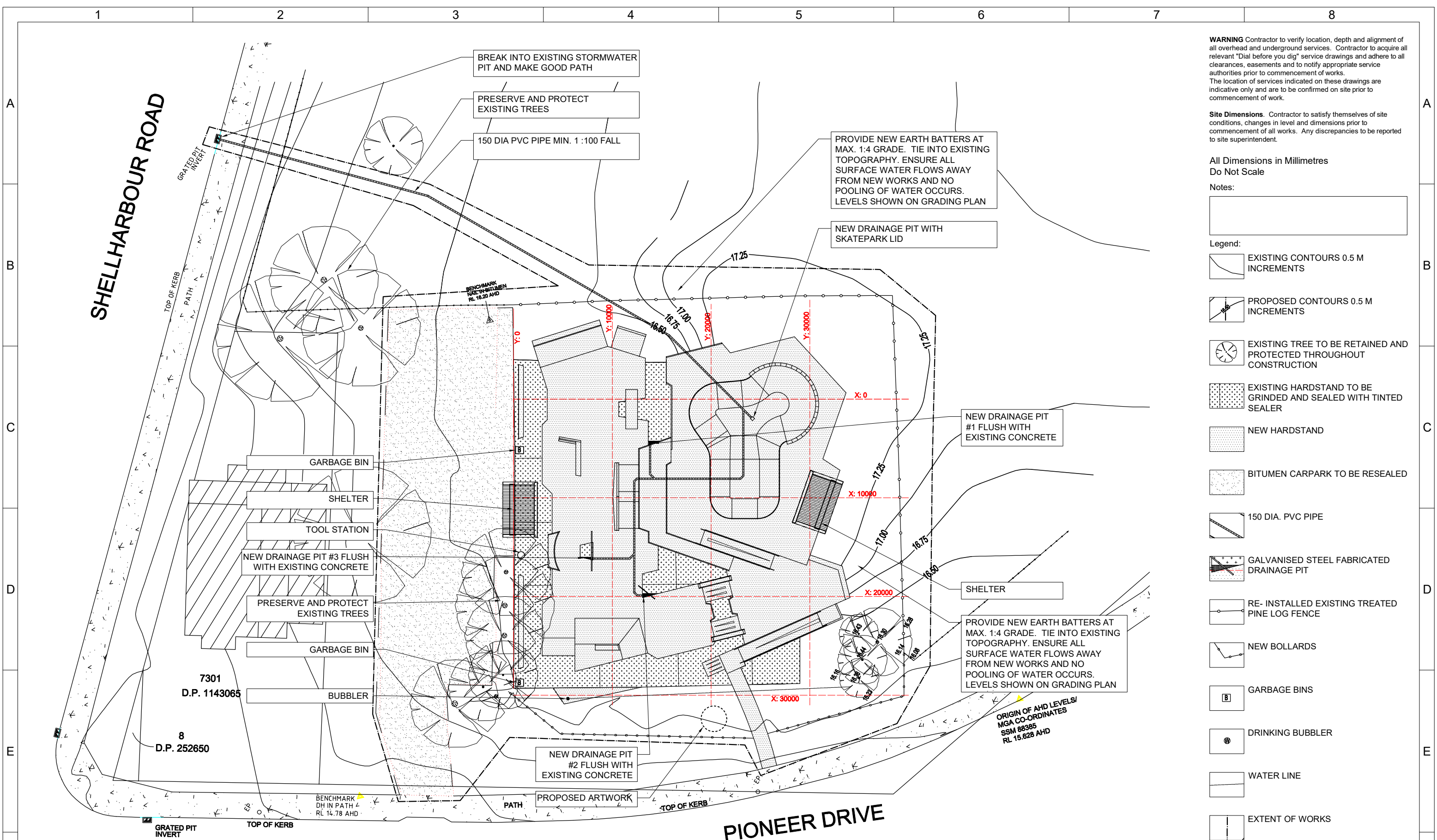
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EXISTING TREATED PINE LOG FENCE TO BE CAREFULLY REMOVED AND STORED FOR REUSE.

FOR CONSTRUCTION ISSUE

		VFG Skateparks PO Box 133 Bogangar NSW 2488 Australia Phone. 0407275223 vfgskateparks.com.au				A2				sellick consultants +STRUCTURAL + CIVIL + HYDRAULIC ENGINEERS CANBERRA SYDNEY BRISBANE Ph: (03) 6301 0200 www.sellickconsultants.com.au		CLIENT: SHELLHARBOUR CITY COUNCIL		NOTES: 		PROJECT: SHELLHARBOUR SKATEPARK		PROJECT NUMBER: 18064	
DRAWN: BW		CHECKED: KA		DATE: 10/1/2018		SCALE: 100:1 @ A2		REVISIONS:		DATE:		WARNING: BEWARE OF UNDERGROUND SERVICES. THE LOCATION OF UNDERGROUND SERVICES ARE INDICATIVE ONLY. THEIR EXACT POSITION SHOULD BE PROVEN ON SITE.		LOCKED BAG 155 SHELLHARBOUR CITY CENTRE NSW 2529		DRAWING TITLE: DEMOLITION SHEET 3 OF 3		DRAWING NUMBER: 18064-CD106-B	



WARNING Contractor to verify location, depth and alignment of all overhead and underground services. Contractor to acquire all relevant "Dial before you dig" service drawings and adhere to all clearances, easements and to notify appropriate service authorities prior to commencement of works. The location of services indicated on these drawings are indicative only and are to be confirmed on site prior to commencement of work.

Site Dimensions. Contractor to satisfy themselves of site conditions, changes in level and dimensions prior to commencement of all works. Any discrepancies to be reported to site superintendent.

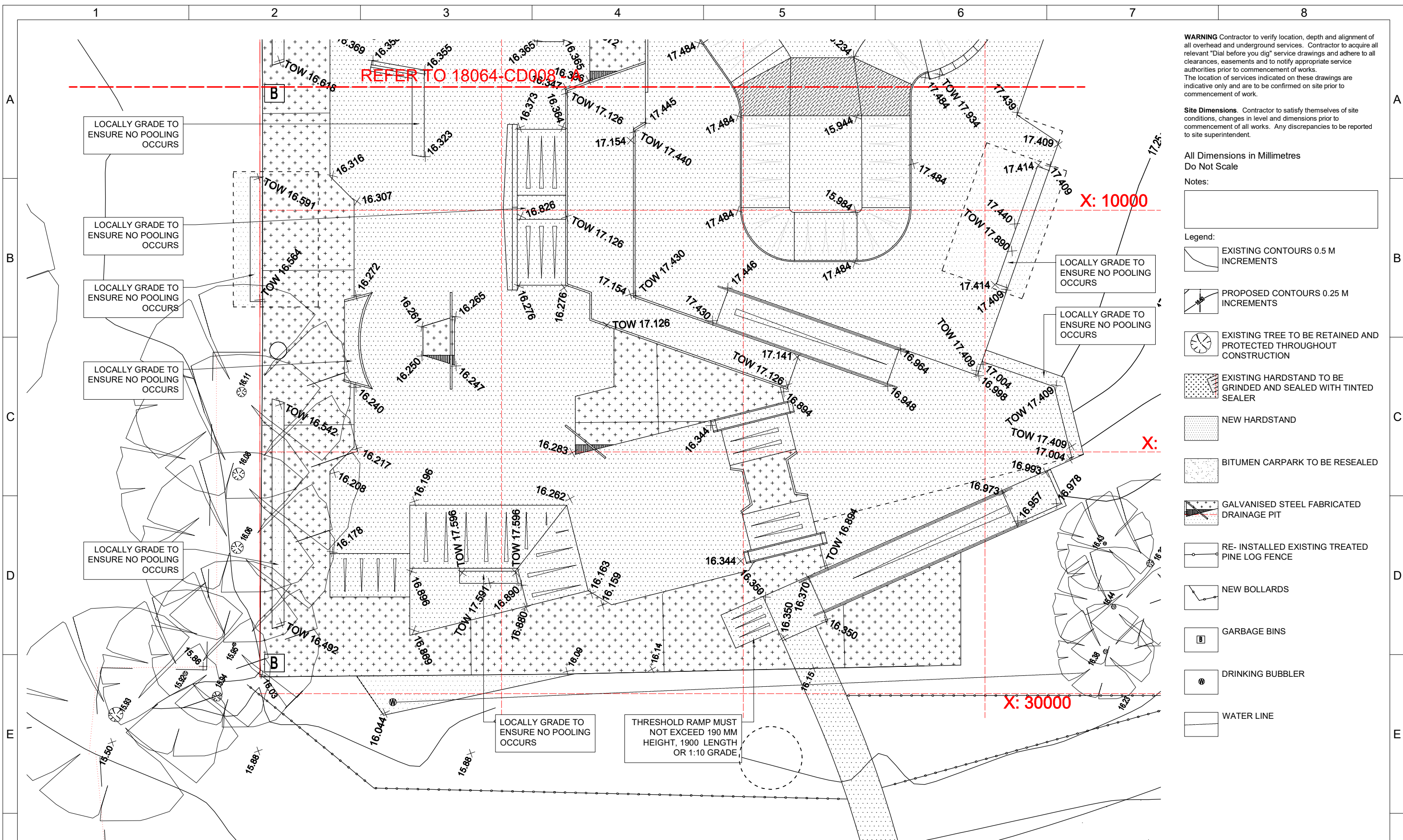
All Dimensions in Millimetres
Do Not Scale

Notes:

- Legend:
- EXISTING CONTOURS 0.5 M INCREMENTS
 - PROPOSED CONTOURS 0.5 M INCREMENTS
 - EXISTING TREE TO BE RETAINED AND PROTECTED THROUGHOUT CONSTRUCTION
 - EXISTING HARDSTAND TO BE GRIEDED AND SEALED WITH TINTED SEALER
 - NEW HARDSTAND
 - BITUMEN CARPARK TO BE RESEALED
 - 150 DIA. PVC PIPE
 - GALVANISED STEEL FABRICATED DRAINAGE PIT
 - RE- INSTALLED EXISTING TREATED PINE LOG FENCE
 - NEW BOLLARDS
 - GARBAGE BINS
 - DRINKING BUBBLER
 - WATER LINE
 - EXTENT OF WORKS

FOR CONSTRUCTION ISSUE

		VFG Skateparks PO Box 133 Bogangar NSW 2488 Australia Phone. 0407275223 vfgskateparks.com.au				A2		 CONSULTING ENGINEERS *STRUCTURAL * CIVIL * HYDRAULIC ENGINEERS CANBERRA SYDNEY BRISBANE PH: (03) 6301 0200 www.sellickconsultants.com.au		 CLIENT: LOCKED BAG 155 SHELLHARBOUR CITY CENTRE NSW 2529		 NOTES:		 PROJECT: SHELLHARBOUR SKATEPARK		PROJECT NUMBER 18064	
DRAWN: BW		CHECKED: KA		DATE: 10/1/2018		SCALE: 250:1 @ A2		WARNING: BEWARE OF UNDERGROUND SERVICES. THE LOCATION OF UNDERGROUND SERVICES ARE INDICATIVE ONLY. THEIR EXACT POSITION SHOULD BE PROVEN ON SITE.		REVISIONS		DATE		DRAWING TITLE SITE PLAN		DRAWING NUMBER 18064-CD207-B	



WARNING Contractor to verify location, depth and alignment of all overhead and underground services. Contractor to acquire all relevant "Dial before you dig" service drawings and adhere to all clearances, easements and to notify appropriate service authorities prior to commencement of works.

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All Dimensions in Millimetres
Do Not Scale


Notes:


X: 10000

Legend:


 EXISTING CONTOURS 0.5 M INCREMENTS

PROPOSED CONTOURS 0.25 M
INCREMENTS

 EXISTING TREE TO BE RETAINED AND PROTECTED THROUGHOUT CONSTRUCTION

 EXISTING HARDSTAND TO BE
GRINDED AND SEALED WITH TINTED
SEALER

 NEW HARDSTAND

 BITUMEN CARPARK TO BE RESEALED

**GALVANISED STEEL FABRICATED
DRAINAGE PIT**

 RE- INSTALLED EXISTING TREATED PINE LOG FENCE NEW BOLLARDS

 GARBAGE BINS

 DRINKING BUBBLER

 WATER LINE

FOR CONSTRUCTION ISSUE



VFG Skateparks
PO Box 133 Bogangar
NSW 2488 Australia
Phone. 0407275223
vfgskateparks.com.au



A2

B	For Construction	10/1/2018
A	For Revision	6/12/2018
Rv.	REVISIONS	DATE



WARNING:
BEWARE OF UNDERGROUND SERVICES. THE
LOCATION OF UNDERGROUND SERVICES
ARE INDICATIVE ONLY. THEIR EXACT
POSITION SHOULD BE PROVEN ON SITE.



LOCKED BAG 155 SHELLHARBOUR
CITY CENTRE NSW 2529



NOTES

PROJECT: SHELLHARBOUR SKATEPARK

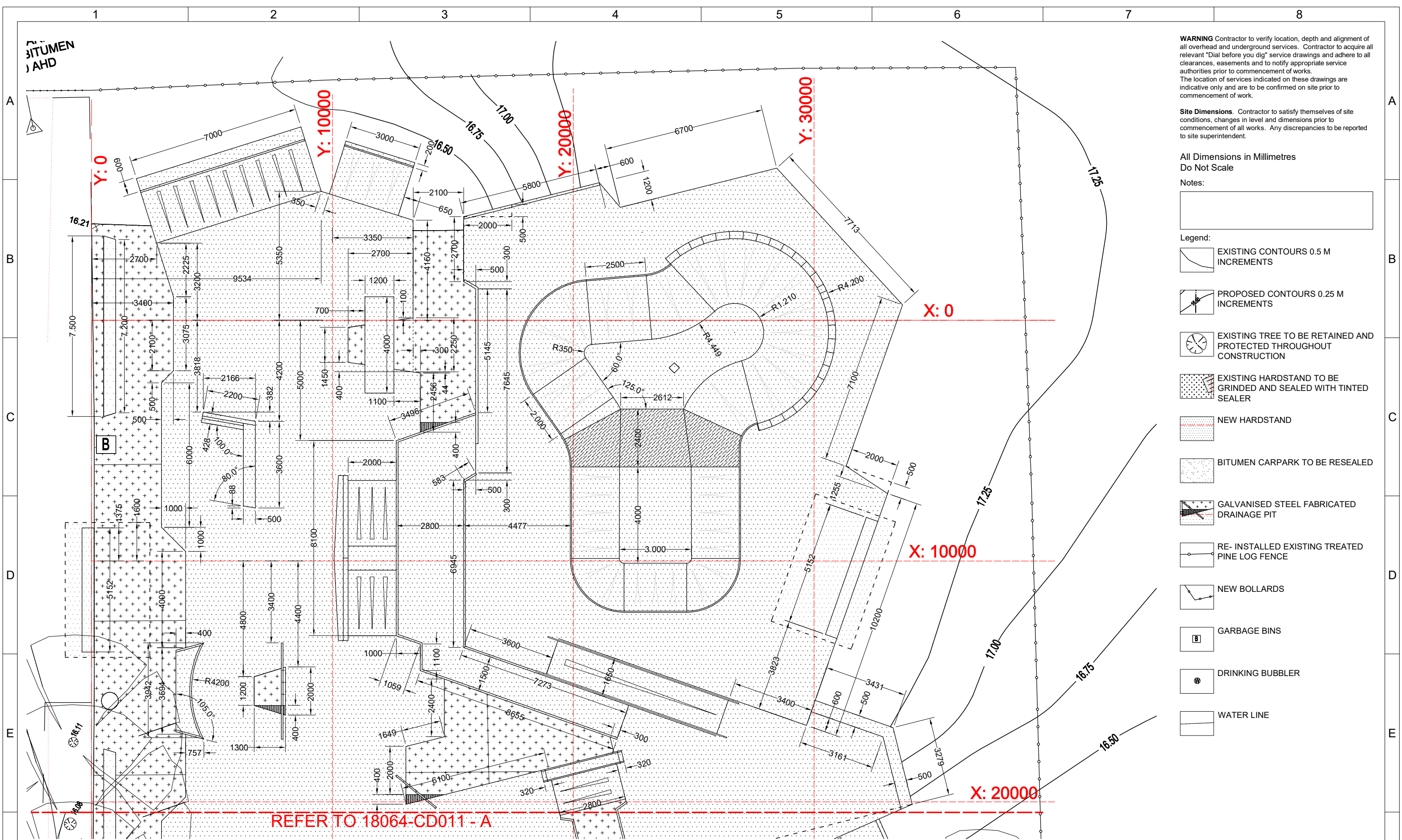
DRAWING TITLE
GRADING PLAN SHEET 2 OF 2

PROJECT NUMBER

18064

DRAWING NUMBER

18064-CD209-B



WARNING Contractor to verify location, depth and alignment of all overhead and underground services. Contractor to acquire all relevant "Dial before you dig" service drawings and adhere to all clearances, easements and to notify appropriate service authorities prior to commencement of works. The location of services indicated on these drawings are indicative only and are to be confirmed on site prior to commencement of work.

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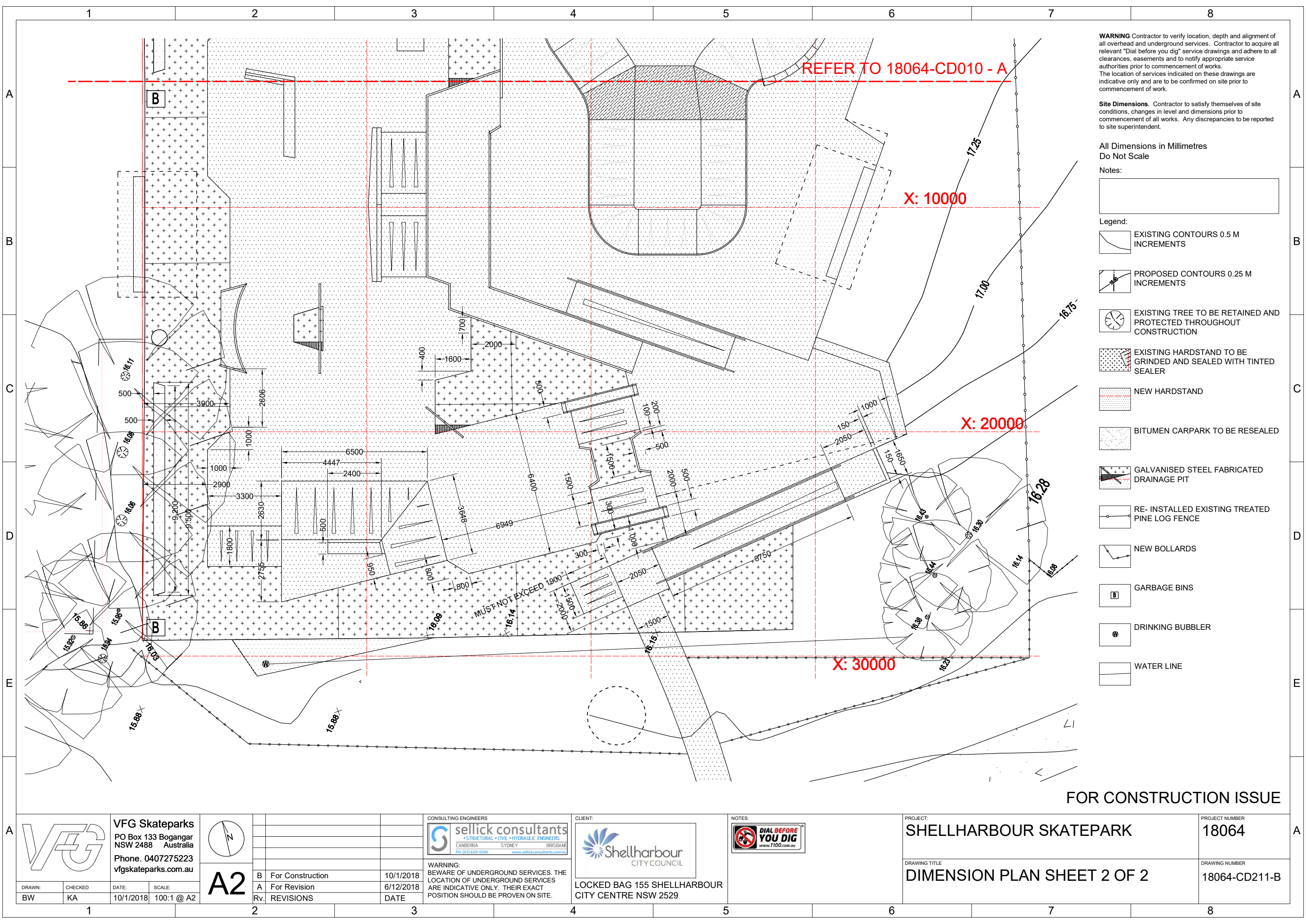
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Do Not Scale

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 - NEW HARDSTAND
 - BITUMEN CARPARK TO BE RESEALED
 - GALVANISED STEEL FABRICATED DRAINAGE PIT
 - RE- INSTALLED EXISTING TREATED PINE LOG FENCE
 - NEW BOLLARDS
 - GARBAGE BINS
 - DRINKING BUBBLER
 - WATER LINE

FOR CONSTRUCTION ISSUE

		VFG Skateparks PO Box 133 Bogangar NSW 2488 Australia Phone. 0407275223 vfgskateparks.com.au										PROJECT: SHELLHARBOUR SKATEPARK		PROJECT NUMBER 18064	
DRAWN: BW		CHECKED: KA		DATE: 10/1/2018		SCALE: 100:1 @ A2		WARNING: BEWARE OF UNDERGROUND SERVICES. THE LOCATION OF UNDERGROUND SERVICES ARE INDICATIVE ONLY. THEIR EXACT POSITION SHOULD BE PROVEN ON SITE.		CLIENT: LOCKED BAG 155 SHELLHARBOUR CITY CENTRE NSW 2529		DRAWING TITLE DIMENSION PLAN SHEET 1 OF 2		DRAWING NUMBER 18064-CD210-B	
1		2		3		4		5		6		7		8	



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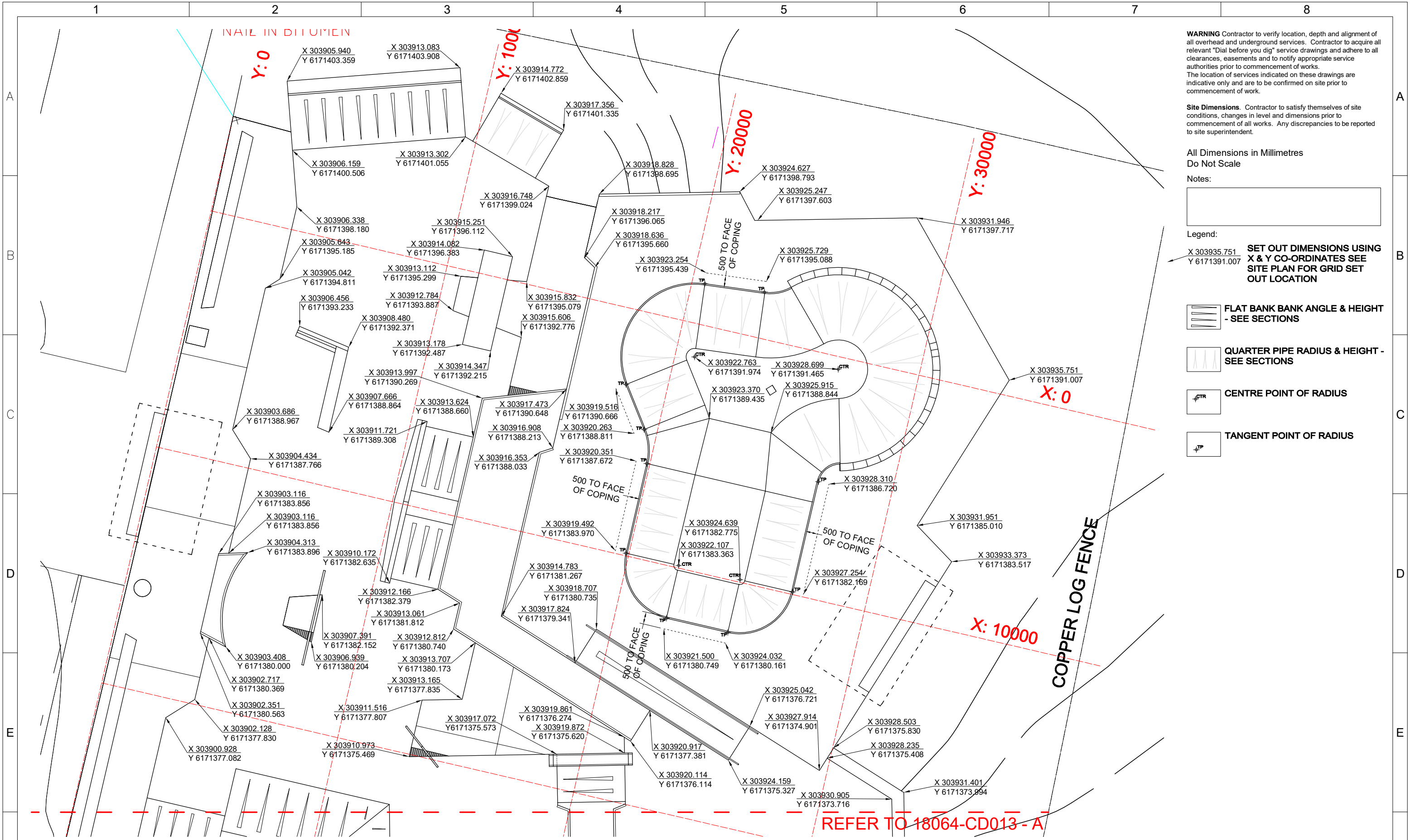
All Dimensions in Millimetres
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 - DRINKING BUBBLER
 - WATER LINE

FOR CONSTRUCTION ISSUE

		VFG Skateparks PO Box 133 Bogangar NSW 2488 Australia Phone. 0407275223 vfgskateparks.com.au										PROJECT: SHELLHARBOUR SKATEPARK		PROJECT NUMBER 18064	
DRAWN: BW		CHECKED: KA		DATE: 10/1/2018		SCALE: 100:1 @ A2		CLIENT: LOCKED BAG 155 SHELLHARBOUR CITY CENTRE NSW 2529		NOTES:		DRAWING TITLE DIMENSION PLAN SHEET 2 OF 2		DRAWING NUMBER 18064-CD211-B	
1		2		3		4		5		6		7		8	



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All Dimensions in Millimetres
Do Not Scale

Notes:

Legend:

SET OUT DIMENSIONS USING X & Y CO-ORDINATES SEE SITE PLAN FOR GRID SET OUT LOCATION

FLAT BANK BANK ANGLE & HEIGHT - SEE SECTIONS

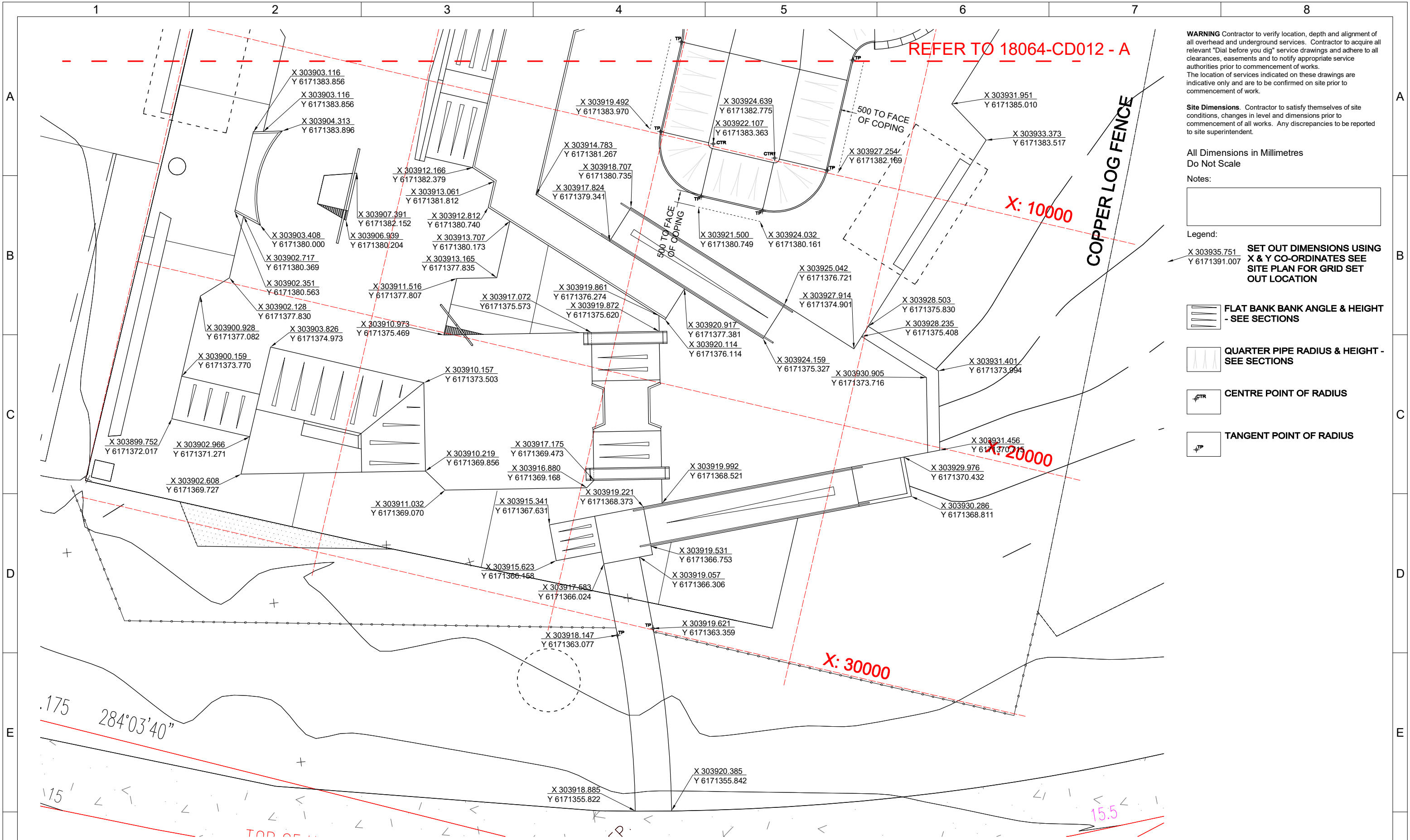
QUARTER PIPE RADIUS & HEIGHT - SEE SECTIONS

CENTRE POINT OF RADIUS

TANGENT POINT OF RADIUS

FOR CONSTRUCTION ISSUE

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All Dimensions in Millimetres
Do Not Scale

Notes:

Legend:

SET OUT DIMENSIONS USING X & Y CO-ORDINATES SEE SITE PLAN FOR GRID SET OUT LOCATION

FLAT BANK BANK ANGLE & HEIGHT - SEE SECTIONS

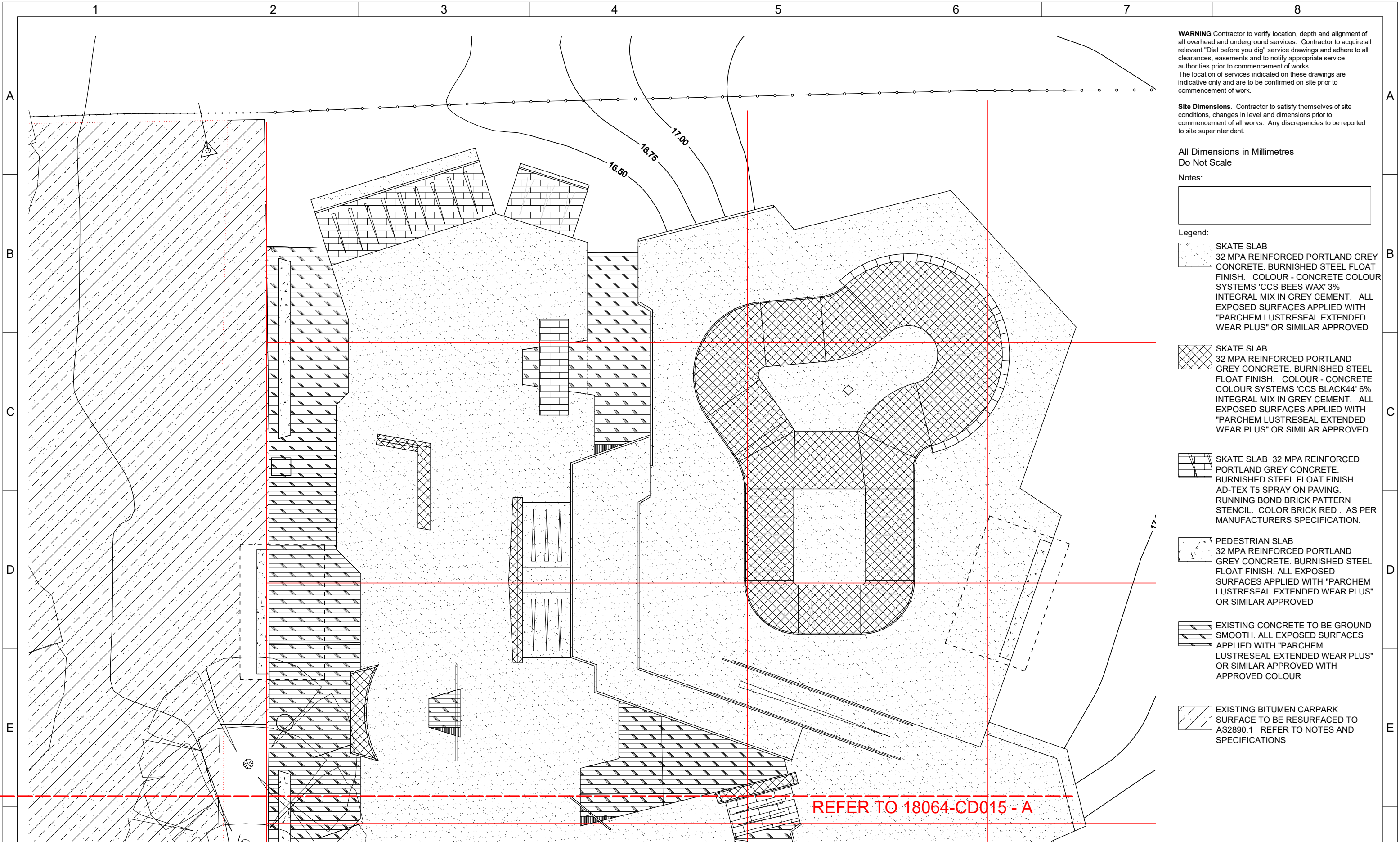
QUARTER PIPE RADIUS & HEIGHT - SEE SECTIONS

CENTRE POINT OF RADIUS

TANGENT POINT OF RADIUS

FOR CONSTRUCTION ISSUE

 A2		VFG Skateparks PO Box 133 Bogangar NSW 2488 Australia Phone. 0407275223 vfgskateparks.com.au	 CONSULTING ENGINEERS *STRUCTURAL * CIVIL * HYDRAULIC ENGINEERS CANBERRA SYDNEY BRISBANE PH: (03) 6301 0200 www.sellickconsultants.com.au	 CLIENT: LOCKED BAG 155 SHELLHARBOUR CITY CENTRE NSW 2529	 NOTES: www.1100.com.au	PROJECT: SHELLHARBOUR SKATEPARK	PROJECT NUMBER 18064
						DRAWING TITLE COORDINATE PLAN SHEET 1 OF 2	DRAWING NUMBER 18064-CD213-B
B	For Construction	10/1/2018	DRAWN:	CHECKED:	DATE:	SCALE:	
Rv.	REVISIONS	DATE	BW	KA	10/1/2018	1:100 @ A2	
1			2		3		
4			5		6		
7			8				



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Do Not Scale

Notes:

Legend:

SKATE SLAB
32 MPA REINFORCED PORTLAND GREY CONCRETE. BURNISHED STEEL FLOAT FINISH. COLOUR - CONCRETE COLOUR SYSTEMS 'CCS BEES WAX' 3% INTEGRAL MIX IN GREY CEMENT. ALL EXPOSED SURFACES APPLIED WITH "PARCHEM LUSTRESEAL EXTENDED WEAR PLUS" OR SIMILAR APPROVED

SKATE SLAB
32 MPA REINFORCED PORTLAND GREY CONCRETE. BURNISHED STEEL FLOAT FINISH. COLOUR - CONCRETE COLOUR SYSTEMS 'CCS BLACK44' 6% INTEGRAL MIX IN GREY CEMENT. ALL EXPOSED SURFACES APPLIED WITH "PARCHEM LUSTRESEAL EXTENDED WEAR PLUS" OR SIMILAR APPROVED

SKATE SLAB 32 MPA REINFORCED PORTLAND GREY CONCRETE. BURNISHED STEEL FLOAT FINISH. AD-TEX T5 SPRAY ON PAVING. RUNNING BOND BRICK PATTERN STENCIL. COLOR BRICK RED . AS PER MANUFACTURERS SPECIFICATION.

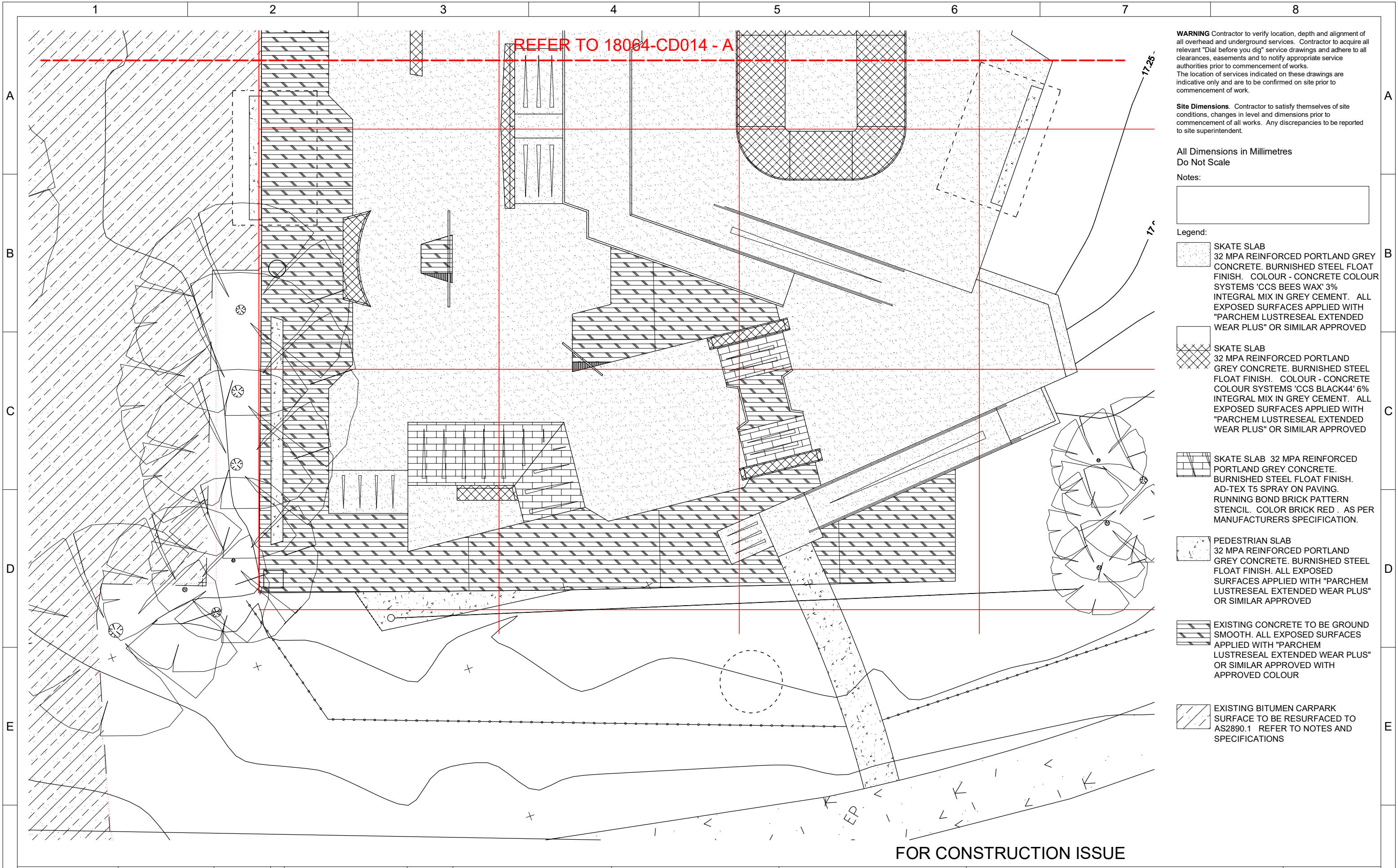
PEDESTRIAN SLAB
32 MPA REINFORCED PORTLAND GREY CONCRETE. BURNISHED STEEL FLOAT FINISH. ALL EXPOSED SURFACES APPLIED WITH "PARCHEM LUSTRESEAL EXTENDED WEAR PLUS" OR SIMILAR APPROVED

EXISTING CONCRETE TO BE GROUND SMOOTH. ALL EXPOSED SURFACES APPLIED WITH "PARCHEM LUSTRESEAL EXTENDED WEAR PLUS" OR SIMILAR APPROVED WITH APPROVED COLOUR

EXISTING BITUMEN CARPARK SURFACE TO BE RESURFACED TO AS2890.1 REFER TO NOTES AND SPECIFICATIONS

FOR CONSTRUCTION ISSUE

		VFG Skateparks PO Box 133 Bogangar NSW 2488 Australia Phone. 0407275223 vfgskateparks.com.au				A2		 CONSULTING ENGINEERS *STRUCTURAL * CIVIL * HYDRAULIC ENGINEERS CANBERRA SYDNEY BRISBANE PH: (03) 6301 0200 www.sellickconsultants.com.au		 CLIENT: LOCKED BAG 155 SHELLHARBOUR CITY CENTRE NSW 2529		 NOTES:		PROJECT: SHELLHARBOUR SKATEPARK		PROJECT NUMBER 18064	
DRAWN: BW		CHECKED KA		DATE: 10/1/2018		SCALE: 100:1 @ A2		B For Construction A For Revision RV. REVISIONS		10/1/2018 6/12/2018 DATE		WARNING: BEWARE OF UNDERGROUND SERVICES. THE LOCATION OF UNDERGROUND SERVICES ARE INDICATIVE ONLY. THEIR EXACT POSITION SHOULD BE PROVEN ON SITE.		DRAWING TITLE SURFACE TREATMENT PLAN 1 OF 2		DRAWING NUMBER 18064-CD214-B	
1		2		3		4		5		6		7		8			



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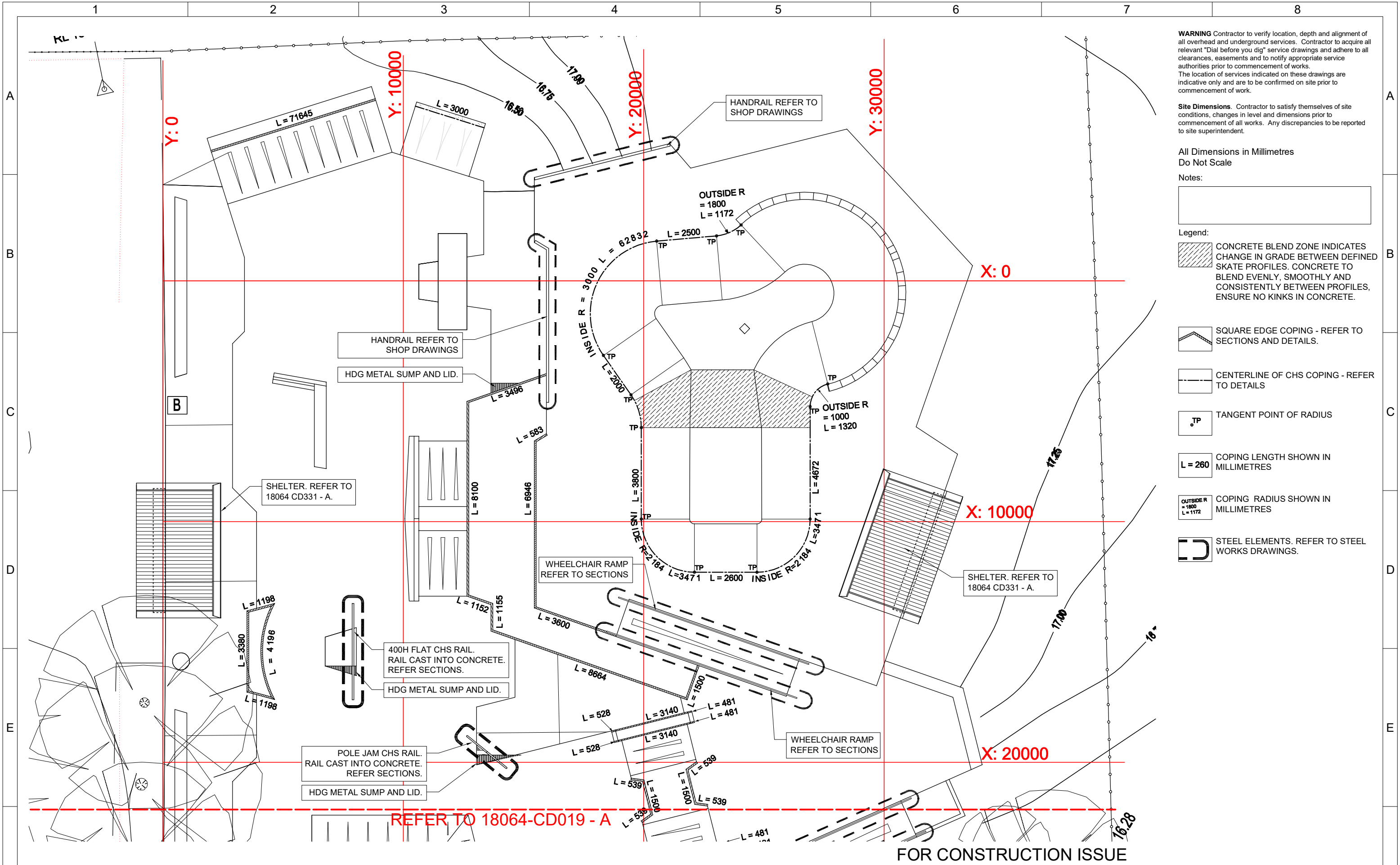
All Dimensions in Millimetres
Do Not Scale

Notes:

- Legend:**
-  **SKATE SLAB**
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32 MPA REINFORCED PORTLAND GREY CONCRETE. BURNISHED STEEL FLOAT FINISH. COLOUR - CONCRETE COLOUR SYSTEMS 'CCS BLACK44' 6% INTEGRAL MIX IN GREY CEMENT. ALL EXPOSED SURFACES APPLIED WITH "PARCHEM LUSTRESEAL EXTENDED WEAR PLUS" OR SIMILAR APPROVED
 -  **SKATE SLAB** 32 MPA REINFORCED PORTLAND GREY CONCRETE. BURNISHED STEEL FLOAT FINISH. AD-TEX T5 SPRAY ON PAVING. RUNNING BOND BRICK PATTERN STENCIL. COLOR BRICK RED . AS PER MANUFACTURERS SPECIFICATION.
 -  **PEDESTRIAN SLAB**
32 MPA REINFORCED PORTLAND GREY CONCRETE. BURNISHED STEEL FLOAT FINISH. ALL EXPOSED SURFACES APPLIED WITH "PARCHEM LUSTRESEAL EXTENDED WEAR PLUS" OR SIMILAR APPROVED
 -  **EXISTING CONCRETE TO BE GROUND SMOOTH.** ALL EXPOSED SURFACES APPLIED WITH "PARCHEM LUSTRESEAL EXTENDED WEAR PLUS" OR SIMILAR APPROVED WITH APPROVED COLOUR
 -  **EXISTING BITUMEN CARPARK SURFACE TO BE RESURFACED TO AS2890.1** REFER TO NOTES AND SPECIFICATIONS

FOR CONSTRUCTION ISSUE

 VFG Skateparks PO Box 133 Bogangar NSW 2488 Australia Phone. 0407275223 vfgskateparks.com.au		 A2	<table border="1" style="width: 100%; border-collapse: collapse;"><tr><td style="width: 50%;">B For Construction</td><td style="width: 50%;">10/1/2018</td></tr><tr><td>A For Revision</td><td>6/12/2018</td></tr><tr><td>RV. REVISIONS</td><td>DATE</td></tr></table>		B For Construction	10/1/2018	A For Revision	6/12/2018	RV. REVISIONS	DATE	<div style="display: flex; align-items: center;"><div style="flex: 1;"> <small>CONSULTING ENGINEERS</small> +STRUCTURAL + CIVIL + HYDRAULIC ENGINEERS CANBERRA SYDNEY BRISBANE Ph: (03) 6301 0200 www.sellickconsultants.com.au</div><div style="flex: 1; text-align: center;"><p><small>WARNING:</small> BEWARE OF UNDERGROUND SERVICES. THE LOCATION OF UNDERGROUND SERVICES ARE INDICATIVE ONLY. THEIR EXACT POSITION SHOULD BE PROVEN ON SITE.</p></div></div>		<div style="display: flex; align-items: center;"><div style="flex: 1;"> Shellharbour CITY COUNCIL</div><div style="flex: 1; text-align: center;"><p><small>CLIENT:</small></p><p>LOCKED BAG 155 SHELLHARBOUR CITY CENTRE NSW 2529</p></div></div>		<div style="display: flex; align-items: center;"><div style="flex: 1;"> <small>NOTES:</small></div><div style="flex: 1; text-align: center;"><p><small>PROJECT:</small></p><p>SHELLHARBOUR SKATEPARK</p></div></div>		<div style="display: flex; align-items: center;"><div style="flex: 1;"><p><small>DRAWING TITLE</small></p><p>SURFACE TREATMENT PLAN 2 OF 2</p></div><div style="flex: 1; text-align: center;"><p><small>PROJECT NUMBER</small></p><p>18064</p></div></div>		<div style="display: flex; align-items: center;"><div style="flex: 1;"><p><small>DRAWING NUMBER</small></p><p>18064-CD215-B</p></div></div>	
					B For Construction	10/1/2018														
A For Revision	6/12/2018																			
RV. REVISIONS	DATE																			
<table border="1" style="width: 100%; border-collapse: collapse;"><tr><td style="width: 50%;"><small>DRAWN:</small> BW</td><td style="width: 50%;"><small>CHECKED:</small> KA</td></tr><tr><td><small>DATE:</small> 10/1/2018</td><td><small>SCALE:</small> 100:1 @ A2</td></tr></table>	<small>DRAWN:</small> BW	<small>CHECKED:</small> KA	<small>DATE:</small> 10/1/2018	<small>SCALE:</small> 100:1 @ A2																
<small>DRAWN:</small> BW	<small>CHECKED:</small> KA																			
<small>DATE:</small> 10/1/2018	<small>SCALE:</small> 100:1 @ A2																			



WARNING Contractor to verify location, depth and alignment of all overhead and underground services. Contractor to acquire all relevant "Dial before you dig" service drawings and adhere to all clearances, easements and to notify appropriate service authorities prior to commencement of works. The location of services indicated on these drawings are indicative only and are to be confirmed on site prior to commencement of work.

Site Dimensions. Contractor to satisfy themselves of site conditions, changes in level and dimensions prior to commencement of all works. Any discrepancies to be reported to site superintendent.

All Dimensions in Millimetres
Do Not Scale

Notes:



Legend:

CONCRETE BLEND ZONE INDICATES CHANGE IN GRADE BETWEEN DEFINED SKATE PROFILES. CONCRETE TO BLEND EVENLY, SMOOTHLY AND CONSISTENTLY BETWEEN PROFILES. ENSURE NO KINKS IN CONCRETE.

SQUARE EDGE COPING - REFER TO SECTIONS AND DETAILS.

CENTERLINE OF CHS COPING - REFER TO DETAILS

TANGENT POINT OF RADIUS

COPING LENGTH SHOWN IN MILLIMETRES

COPING RADIUS SHOWN IN MILLIMETRES

STEEL ELEMENTS. REFER TO STEEL WORKS DRAWINGS.

		VFG Skateparks PO Box 133 Bogangar NSW 2488 Australia Phone. 0407275223 vfgskateparks.com.au				A2		 CONSULTING ENGINEERS *STRUCTURAL * CIVIL * HYDRAULIC ENGINEERS CANBERRA SYDNEY BRISBANE Ph: (03) 6301 0200 www.sellickconsultants.com.au		 CLIENT: LOCKED BAG 155 SHELLHARBOUR CITY CENTRE NSW 2529		 NOTES:		PROJECT: SHELLHARBOUR SKATEPARK		PROJECT NUMBER 18064	
DRAWN: BW		CHECKED: KA		DATE: 10/1/2018		SCALE: 100:1 @ A2		B For Construction A For Revision RV. REVISIONS		10/1/2018 6/12/2018 DATE		WARNING: BEWARE OF UNDERGROUND SERVICES. THE LOCATION OF UNDERGROUND SERVICES ARE INDICATIVE ONLY. THEIR EXACT POSITION SHOULD BE PROVEN ON SITE.		DRAWING TITLE COPING AND STEELWORK 1 OF 2		DRAWING NUMBER 18064-CD218-B	

REFER TO 18064-CD018 - A

WARNING Contractor to verify location, depth and alignment of all overhead and underground services. Contractor to acquire all relevant "Dial before you dig" service drawings and adhere to all clearances, easements and to notify appropriate service authorities prior to commencement of works. The location of services indicated on these drawings are indicative only and are to be confirmed on site prior to commencement of work.

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All Dimensions in Millimetres
Do Not Scale

Notes:

Legend:
CONCRETE BLEND ZONE INDICATES CHANGE IN GRADE BETWEEN DEFINED SKATE PROFILES. CONCRETE TO BLEND EVENLY, SMOOTHLY AND CONSISTENTLY BETWEEN PROFILES. ENSURE NO KINKS IN CONCRETE.

SQUARE EDGE COPING - REFER TO SECTIONS AND DETAILS.

CENTERLINE OF CHS COPING - REFER TO DETAILS

TP TANGENT POINT OF RADIUS

L = 260 COPING LENGTH SHOWN IN MILLIMETRES

1800 = 1172 COPING RADIUS SHOWN IN MILLIMETRES

STEEL ELEMENTS. REFER TO STEEL WORKS DRAWINGS.

X: 10000

X: 20000

X: 30000

FOR CONSTRUCTION ISSUE



VFG Skateparks
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NSW 2488 Australia
Phone. 0407275223
vfgskateparks.com.au



A2

B	For Construction	10/1/2018
A	For Revision	6/12/2018
RV.	REVISIONS	DATE



WARNING:
BEWARE OF UNDERGROUND SERVICES. THE LOCATION OF UNDERGROUND SERVICES ARE INDICATIVE ONLY. THEIR EXACT POSITION SHOULD BE PROVEN ON SITE.



LOCKED BAG 155 SHELLHARBOUR
CITY CENTRE NSW 2529

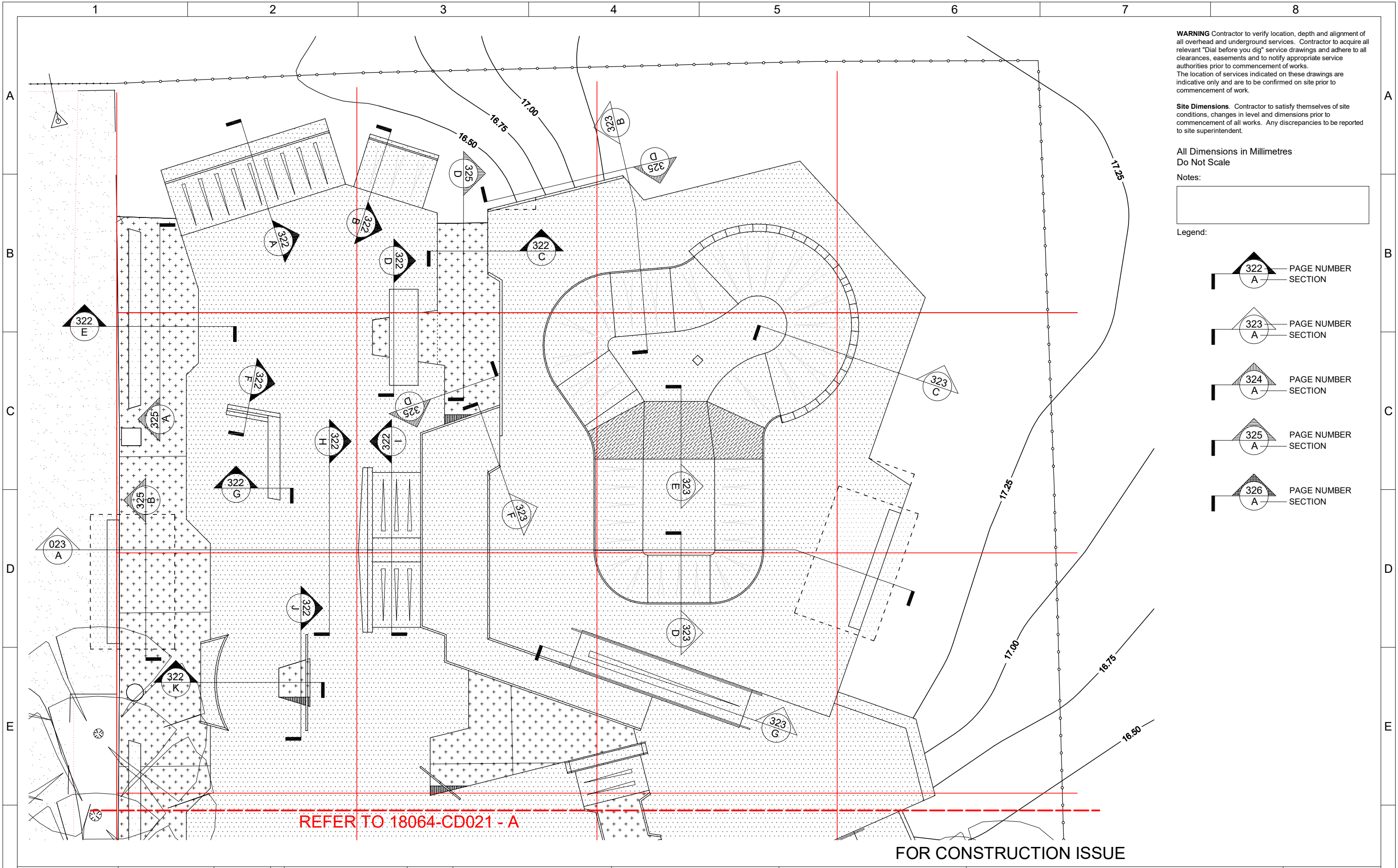


SHELLHARBOUR SKATEPARK

COPING AND STEELWORK 2 OF 2

18064

18064-CD219-B



WARNING Contractor to verify location, depth and alignment of all overhead and underground services. Contractor to acquire all relevant "Dial before you dig" service drawings and adhere to all clearances, easements and to notify appropriate service authorities prior to commencement of works. The location of services indicated on these drawings are indicative only and are to be confirmed on site prior to commencement of work.

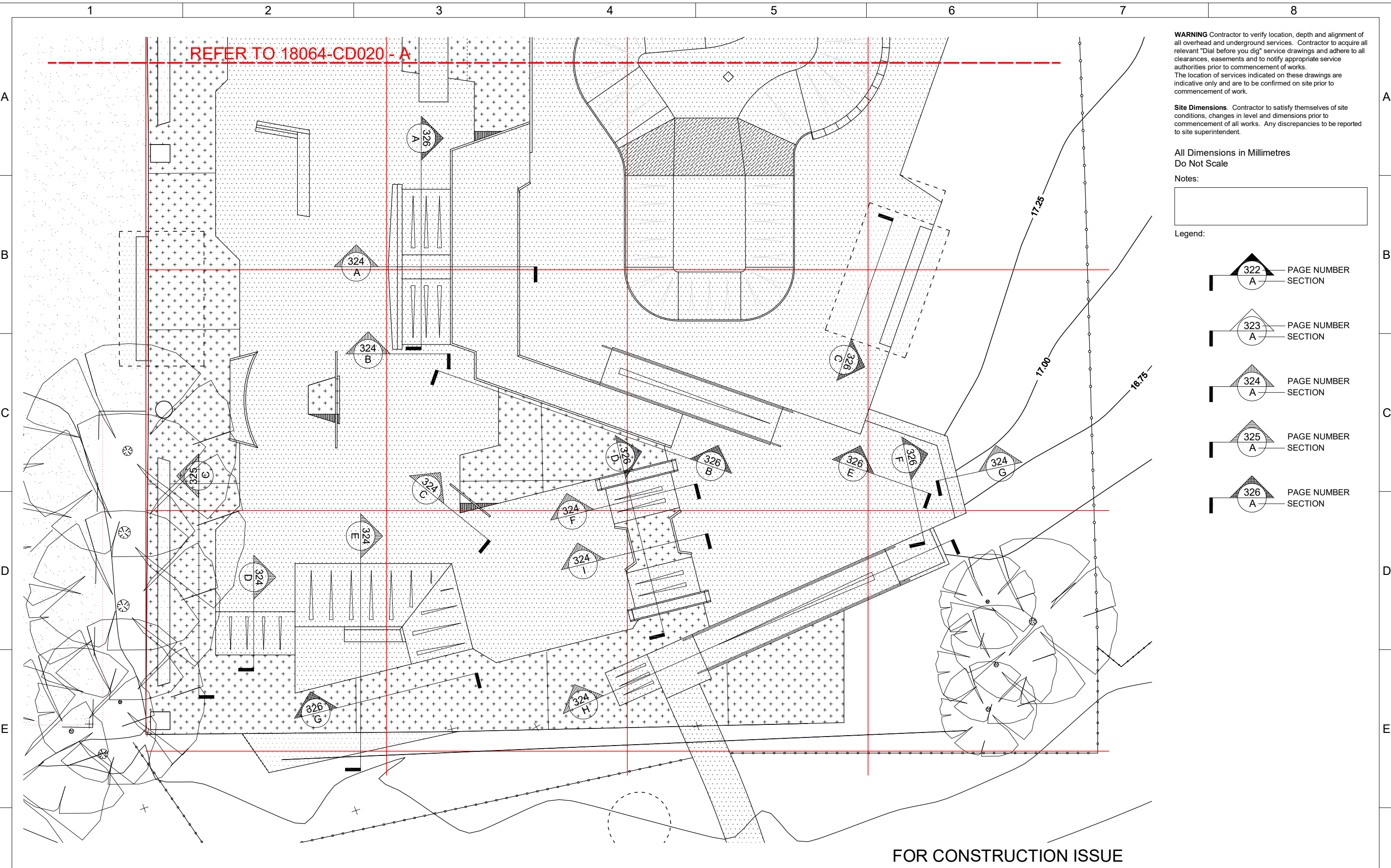
Site Dimensions. Contractor to satisfy themselves of site conditions, changes in level and dimensions prior to commencement of all works. Any discrepancies to be reported to site superintendent.

All Dimensions in Millimetres
Do Not Scale

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		VFG Skateparks PO Box 133 Bogangar NSW 2488 Australia Phone. 0407275223 vfgskateparks.com.au				A2				CONSULTING ENGINEERS sellick consultants *STRUCTURAL * CIVIL * HYDRAULIC ENGINEERS CANBERRA SYDNEY BRISBANE Ph: (03) 6301 0200 www.sellickconsultants.com.au		CLIENT: SHELLHARBOUR CITY COUNCIL		NOTES: 		PROJECT: SHELLHARBOUR SKATEPARK		PROJECT NUMBER 18064	
DRAWN: BW		CHECKED: KA		DATE: 10/1/2018		SCALE: 100:1 @ A2		REVISIONS		DATE		WARNING: BEWARE OF UNDERGROUND SERVICES. THE LOCATION OF UNDERGROUND SERVICES ARE INDICATIVE ONLY. THEIR EXACT POSITION SHOULD BE PROVEN ON SITE.		LOCKED BAG 155 SHELLHARBOUR CITY CENTRE NSW 2529		DRAWING TITLE SECTION KEY 1 OF 2		DRAWING NUMBER 18064-CD220-B	



WARNING Contractor to verify location, depth and alignment of all overhead and underground services. Contractor to acquire all relevant "Dial before you dig" service drawings and adhere to all clearances, easements and to notify appropriate service authorities prior to commencement of works.
The location of services indicated on these drawings are indicative only and are to be confirmed on site prior to commencement of work.

Site Dimensions. Contractor to satisfy themselves of site conditions, changes in level and dimensions prior to commencement of all works. Any discrepancies to be reported to site superintendent.

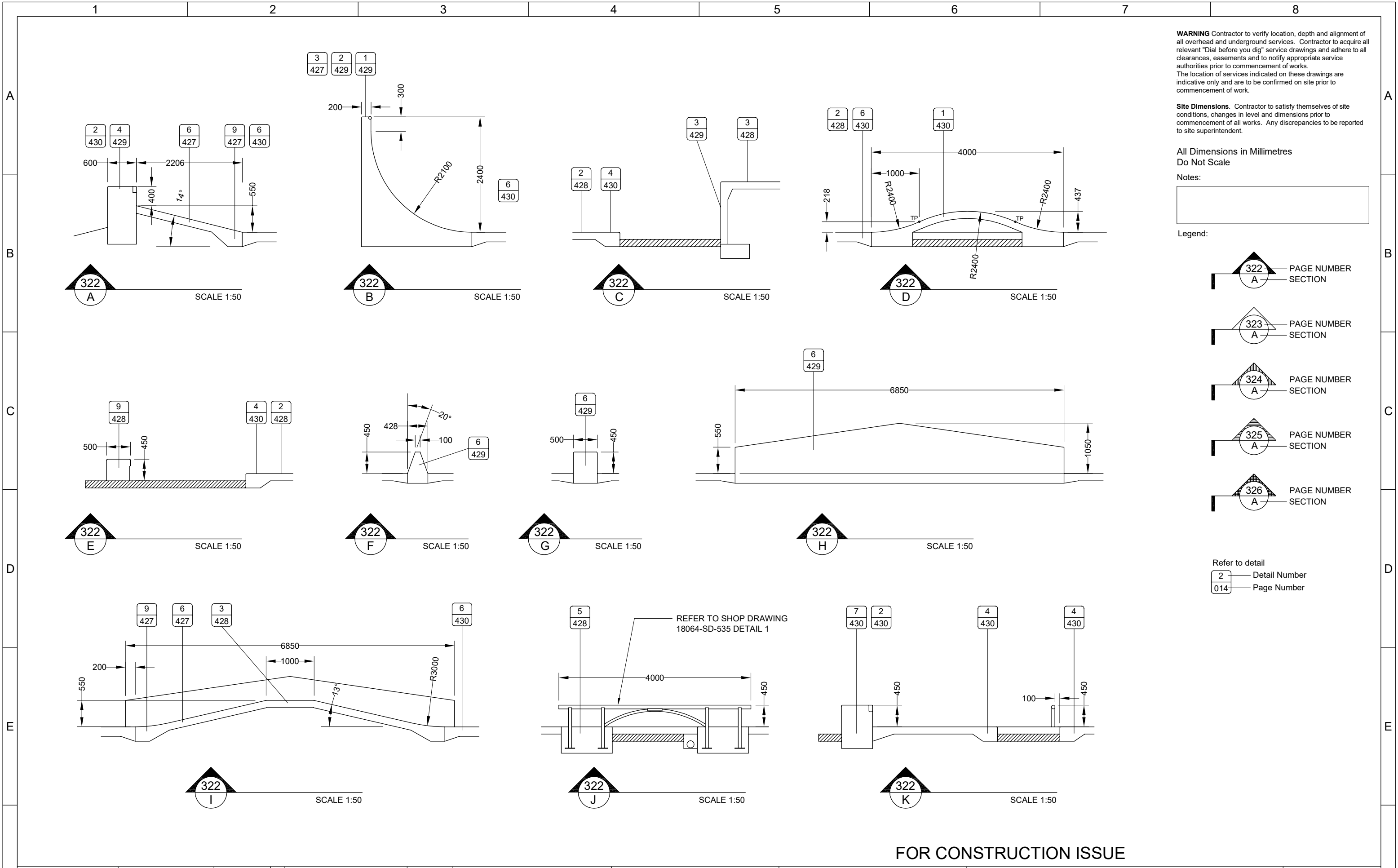
All Dimensions in Millimetres
Do Not Scale

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FOR CONSTRUCTION ISSUE

	VFG Skateparks PO Box 133 Bogangar NSW 2488 Australia Phone. 0407275223 vfgskateparks.com.au			A2				 CONSULTING ENGINEERS *STRUCTURAL * CIVIL * HYDRAULIC ENGINEERS CANBERRA SYDNEY BRISBANE Ph: (03) 6301 0200 www.sellickconsultants.com.au	 CLIENT: LOCKED BAG 155 SHELLHARBOUR CITY CENTRE NSW 2529	 NOTES: www.1100.com.au	PROJECT: SHELLHARBOUR SKATEPARK	PROJECT NUMBER 18064
	DRAWN: BW	CHECKED: KA			DATE: 10/1/2018	SCALE: 100:1 @ A2						
1	2	3	4	5	6	7	8					



WARNING Contractor to verify location, depth and alignment of all overhead and underground services. Contractor to acquire all relevant "Dial before you dig" service drawings and adhere to all clearances, easements and to notify appropriate service authorities prior to commencement of works. The location of services indicated on these drawings are indicative only and are to be confirmed on site prior to commencement of work.

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All Dimensions in Millimetres
Do Not Scale

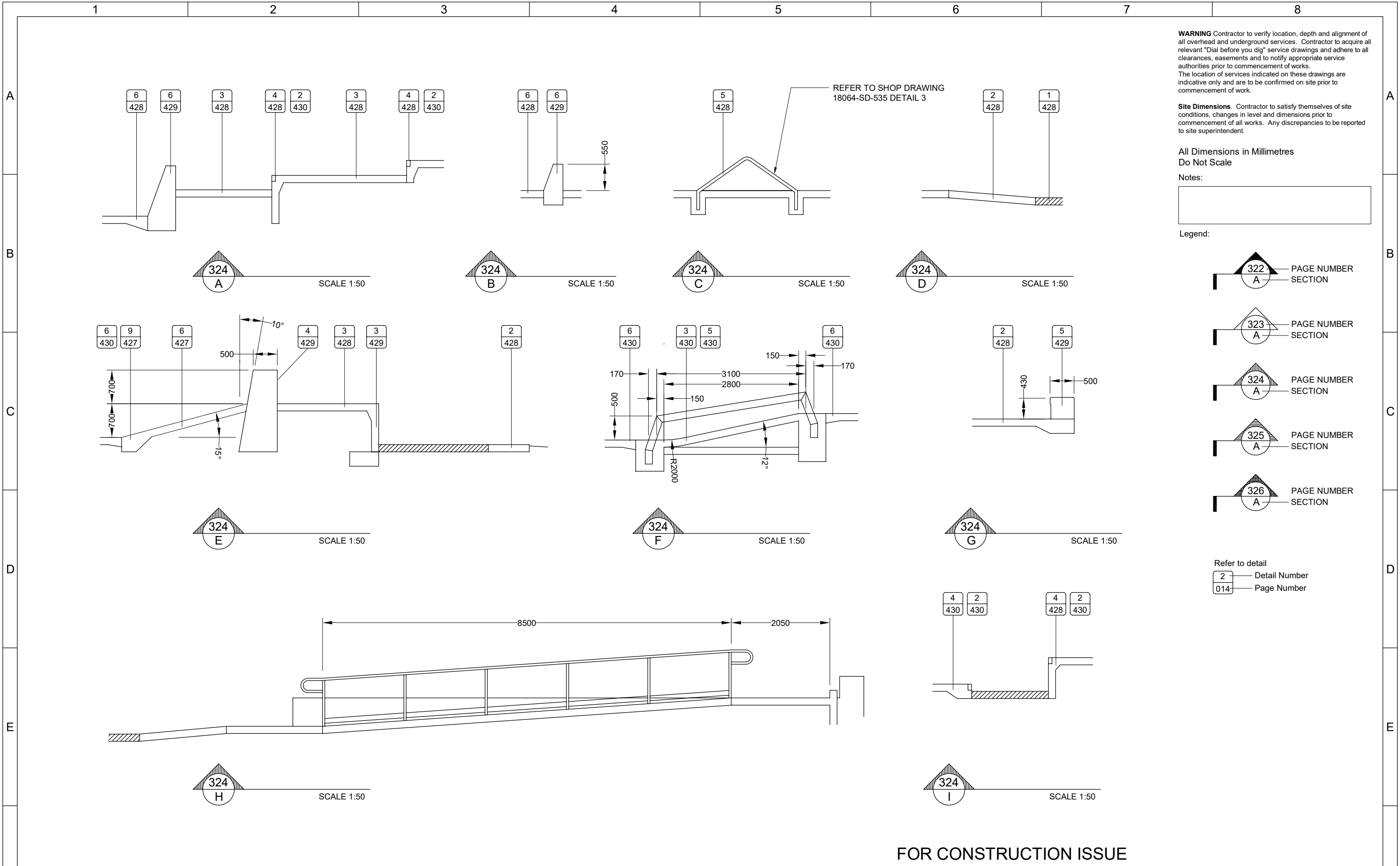
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2 Detail Number
014 Page Number

FOR CONSTRUCTION ISSUE

		VFG Skateparks PO Box 133 Bogangar NSW 2488 Australia Phone. 0407275223 vfgskateparks.com.au										PROJECT: SHELLHARBOUR SKATEPARK		PROJECT NUMBER 18064	
												DRAWING TITLE SECTIONS 1 OF 5		DRAWING NUMBER 18064-CD322-B	
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WARNING Contractor to verify location, depth and alignment of all overhead and underground services. Contractor to acquire all relevant "Dial before you dig" service drawings and adhere to all clearances, easements and to notify appropriate service authorities prior to commencement of works. The location of services indicated on these drawings are indicative only and are to be confirmed on site prior to commencement of work.

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All Dimensions in Millimetres
Do Not Scale

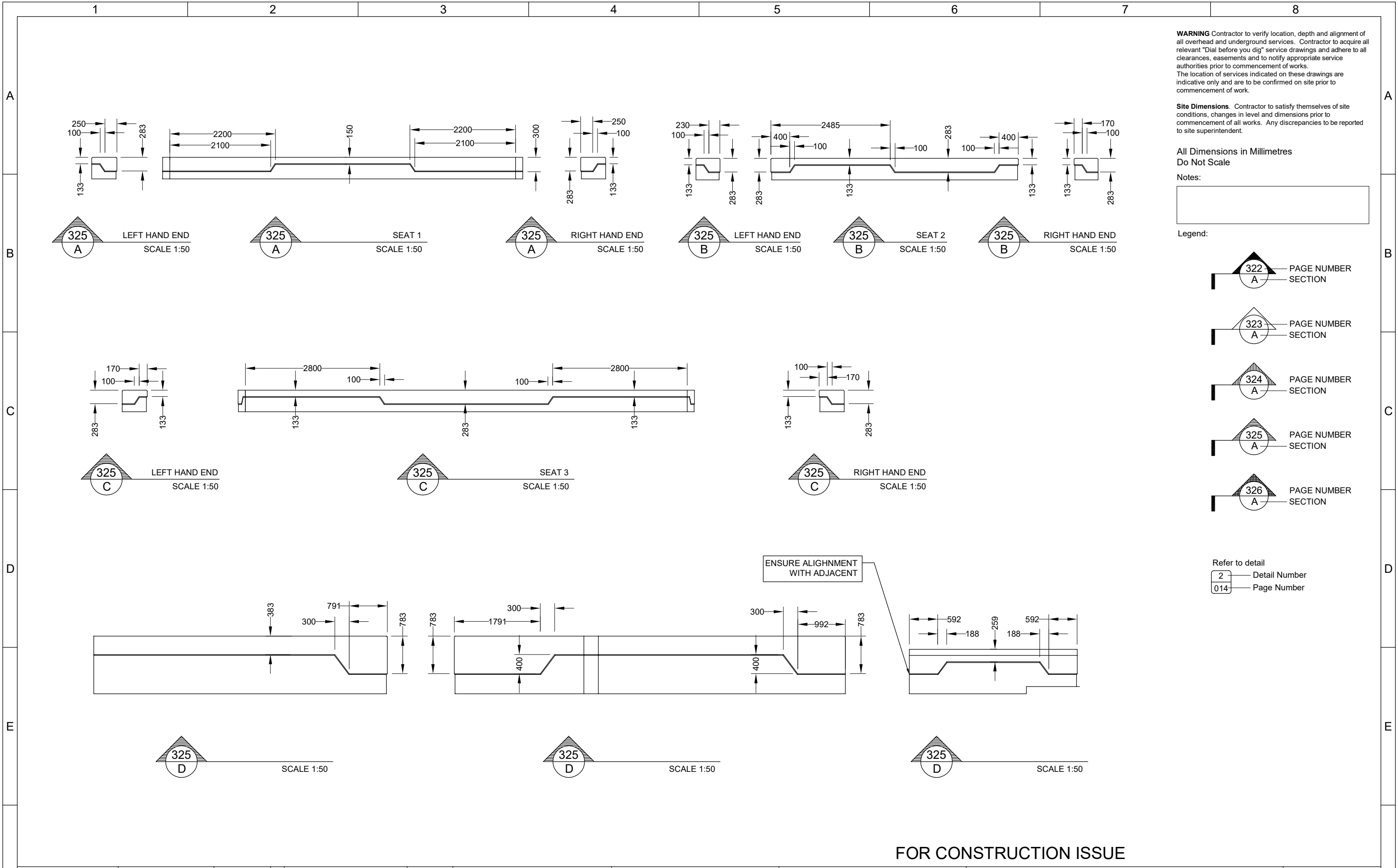
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014 Page Number

FOR CONSTRUCTION ISSUE

		VFG Skateparks PO Box 133 Bogangar NSW 2488 Australia Phone. 0407275223 vfgskateparks.com.au										PROJECT: SHELLHARBOUR SKATEPARK		PROJECT NUMBER 18064			
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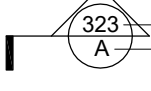
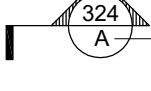
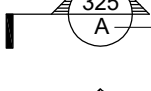
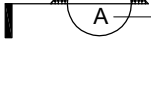


WARNING Contractor to verify location, depth and alignment of all overhead and underground services. Contractor to acquire all relevant "Dial before you dig" service drawings and adhere to all clearances, easements and to notify appropriate service authorities prior to commencement of works. The location of services indicated on these drawings are indicative only and are to be confirmed on site prior to commencement of work.

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All Dimensions in Millimetres
Do Not Scale

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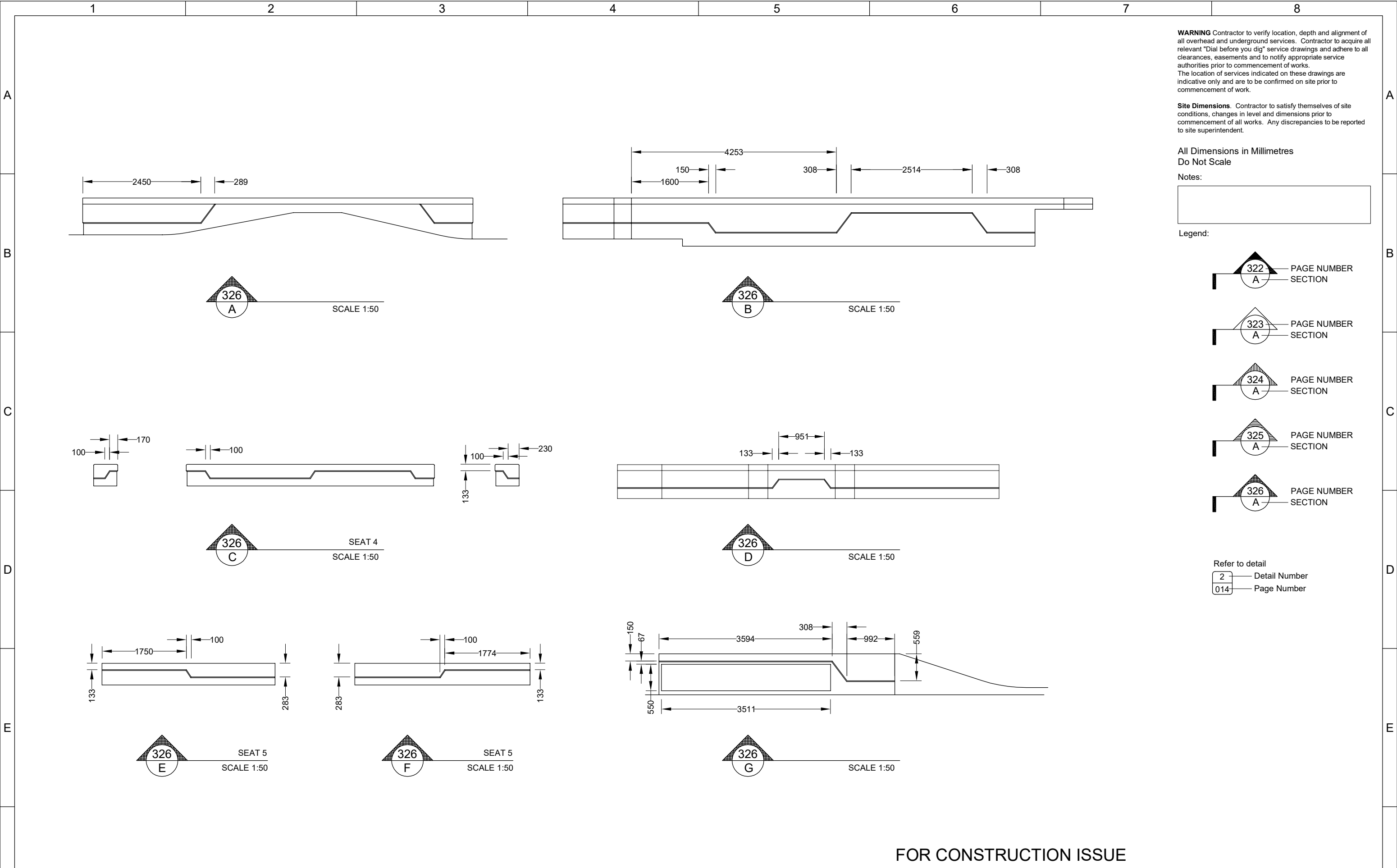
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2	Detail Number
014	Page Number

FOR CONSTRUCTION ISSUE

	VFG Skateparks PO Box 133 Bogangar NSW 2488 Australia Phone. 0407275223 vfgskateparks.com.au		 A2	 CONSULTING ENGINEERS *STRUCTURAL * CIVIL * HYDRAULIC ENGINEERS CANBERRA SYDNEY BRISBANE Ph: (03) 6301 0200 www.sellickconsultants.com.au		 CLIENT: LOCKED BAG 155 SHELLHARBOUR CITY CENTRE NSW 2529		 NOTES:		 PROJECT: SHELLHARBOUR SKATEPARK		PROJECT NUMBER 18064	
	DRAWN: BW	CHECKED KA		DATE: 10/1/2018	SCALE: 1:50 @ A2	WARNING: BEWARE OF UNDERGROUND SERVICES. THE LOCATION OF UNDERGROUND SERVICES ARE INDICATIVE ONLY. THEIR EXACT POSITION SHOULD BE PROVEN ON SITE.		DRAWING TITLE SECTIONS 4 OF 5		DRAWING NUMBER 18064-CD325-B			



WARNING Contractor to verify location, depth and alignment of all overhead and underground services. Contractor to acquire all relevant "Dial before you dig" service drawings and adhere to all clearances, easements and to notify appropriate service authorities prior to commencement of works. The location of services indicated on these drawings are indicative only and are to be confirmed on site prior to commencement of work.

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All Dimensions in Millimetres
Do Not Scale

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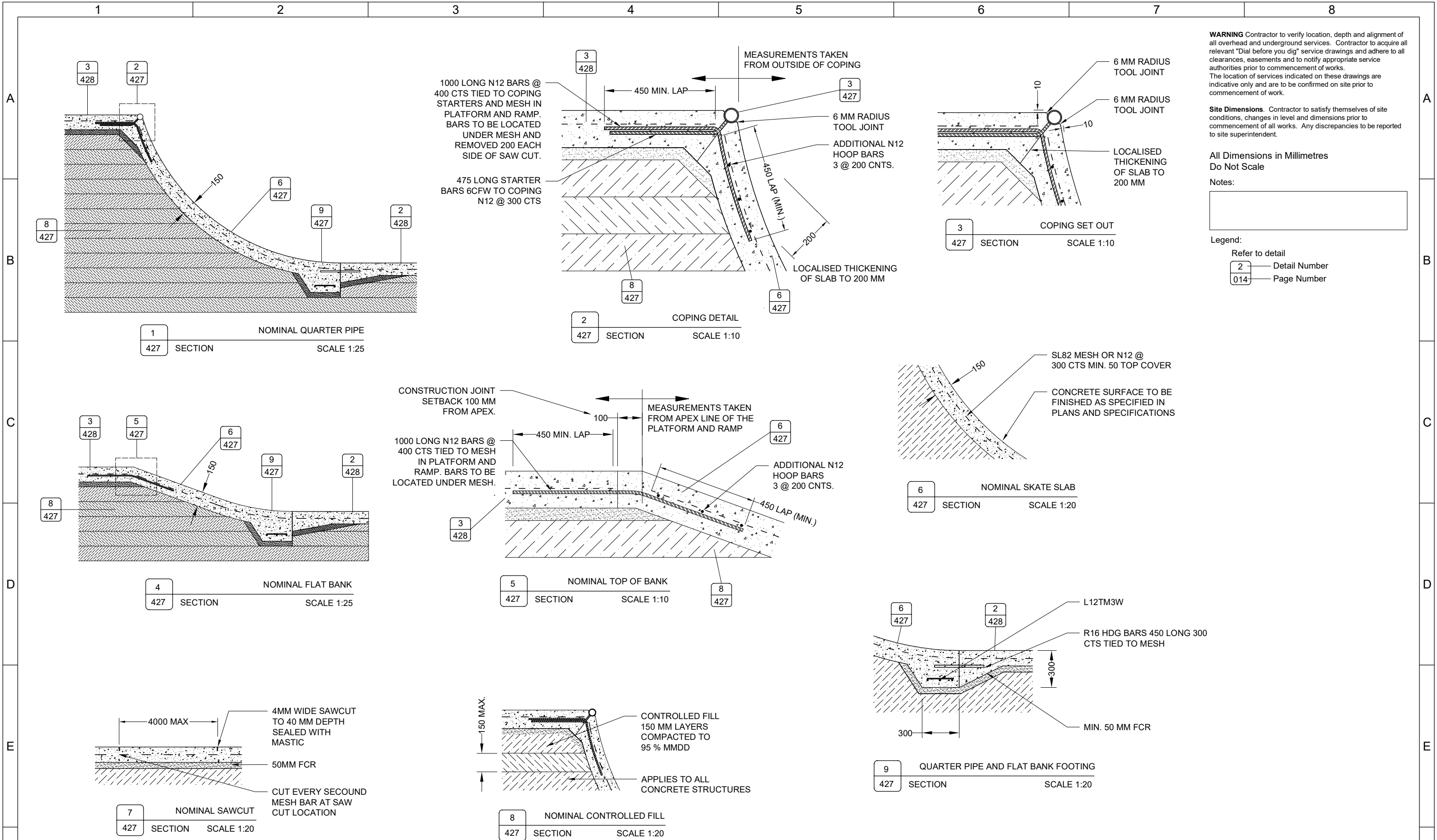
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2	Detail Number
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FOR CONSTRUCTION ISSUE

	VFG Skateparks PO Box 133 Bogangar NSW 2488 Australia Phone. 0407275223 vfgskateparks.com.au		A2	CONSULTING ENGINEERS		 *STRUCTURAL * CIVIL * HYDRAULIC ENGINEERS CANBERRA SYDNEY BRISBANE Ph: (03) 6301 0200 www.sellickconsultants.com.au	CLIENT: LOCKED BAG 155 SHELLHARBOUR CITY CENTRE NSW 2529	NOTES: 	PROJECT: SHELLHARBOUR SKATEPARK	PROJECT NUMBER 18064	
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DRAWN: BW	CHECKED KA	DATE: 10/1/2018	SCALE: 1:50 @ A2	B For Construction A For Revision RV. REVISIONS	10/1/2018 6/12/2018 DATE	WARNING: BEWARE OF UNDERGROUND SERVICES. THE LOCATION OF UNDERGROUND SERVICES ARE INDICATIVE ONLY. THEIR EXACT POSITION SHOULD BE PROVEN ON SITE.					



WARNING Contractor to verify location, depth and alignment of all overhead and underground services. Contractor to acquire all relevant "Dial before you dig" service drawings and adhere to all clearances, easements and to notify appropriate service authorities prior to commencement of works. The location of services indicated on these drawings are indicative only and are to be confirmed on site prior to commencement of work.

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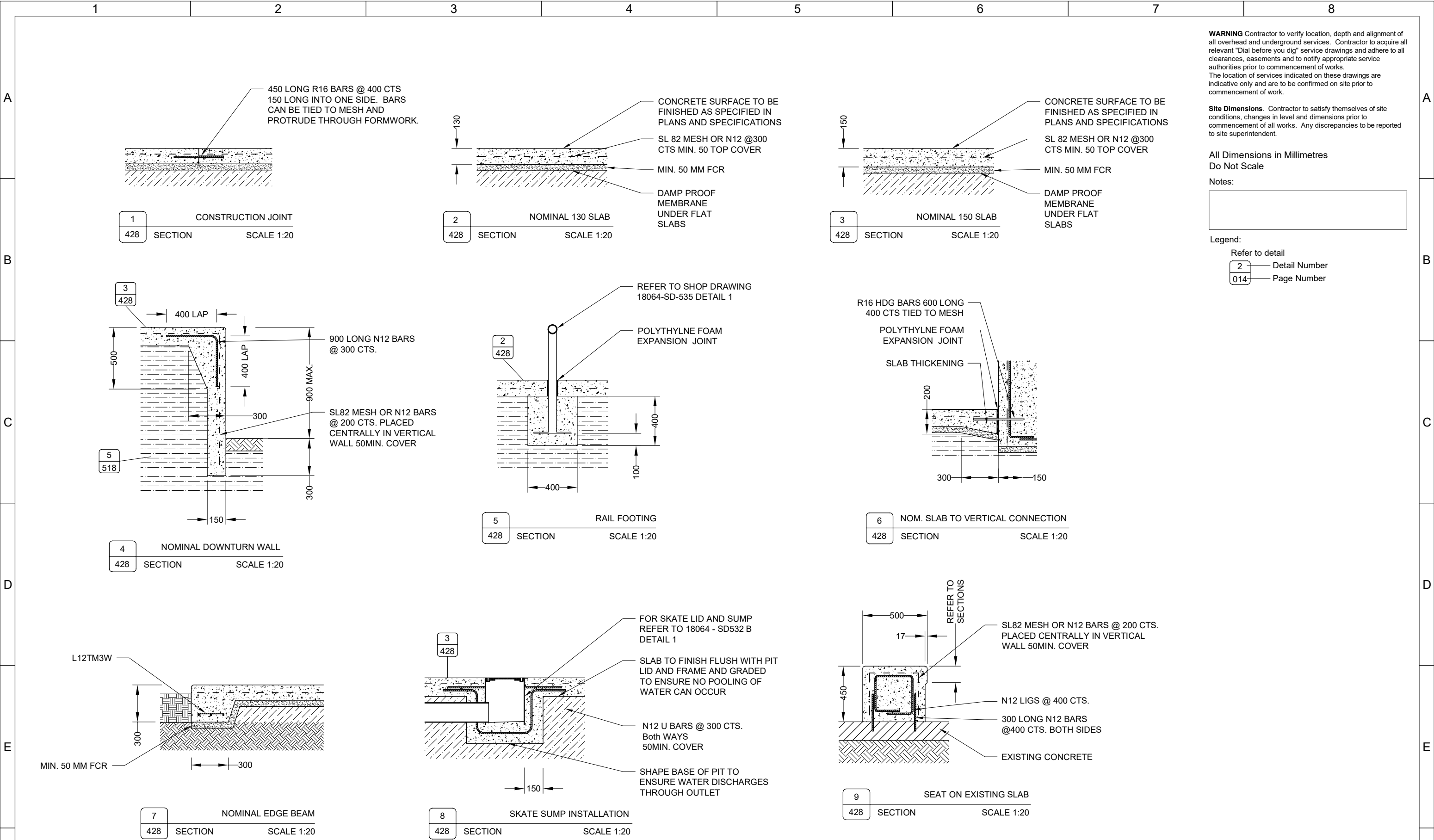
All Dimensions in Millimetres
Do Not Scale

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2 Detail Number
014 Page Number

FOR CONSTRUCTION ISSUE

		VFG Skateparks PO Box 133 Bogangar NSW 2488 Australia Phone. 0407275223 vfgskateparks.com.au										PROJECT: SHELLHARBOUR SKATEPARK		PROJECT NUMBER 18064	
		REVISIONS		DATE		WARNING: BEWARE OF UNDERGROUND SERVICES. THE LOCATION OF UNDERGROUND SERVICES ARE INDICATIVE ONLY. THEIR EXACT POSITION SHOULD BE PROVEN ON SITE.		LOCKED BAG 155 SHELLHARBOUR CITY CENTRE NSW 2529		DRAWING TITLE ENGINEERING DETAILS 1 OF 5		DRAWING NUMBER 18064-CD427-B			
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WARNING Contractor to verify location, depth and alignment of all overhead and underground services. Contractor to acquire all relevant "Dial before you dig" service drawings and adhere to all clearances, easements and to notify appropriate service authorities prior to commencement of works. The location of services indicated on these drawings are indicative only and are to be confirmed on site prior to commencement of work.

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All Dimensions in Millimetres
Do Not Scale

Notes:

Legend:
Refer to detail
2 Detail Number
014 Page Number

FOR CONSTRUCTION ISSUE

VFG Skateparks
PO Box 133 Bogangar
NSW 2488 Australia
Phone. 0407275223
vfgskateparks.com.au

A2

DRAWN:	CHECKED:	DATE:	SCALE:
BW	KA	10/1/2018	1:20 @ A2

B	For Construction	10/1/2018
A	For Revision	6/12/2018
Rv.	REVISIONS	DATE

CONSULTING ENGINEERS

STRUCTURAL • CIVIL • HYDRAULIC ENGINEERS
CANBERRA SYDNEY BRISBANE
Ph: (03) 6301 0200 www.sellickconsultants.com.au

WARNING:
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CLIENT:

LOCKED BAG 155 SHELLHARBOUR
CITY CENTRE NSW 2529

NOTES:

PROJECT:

SHELLHARBOUR SKATEPARK

DRAWING TITLE

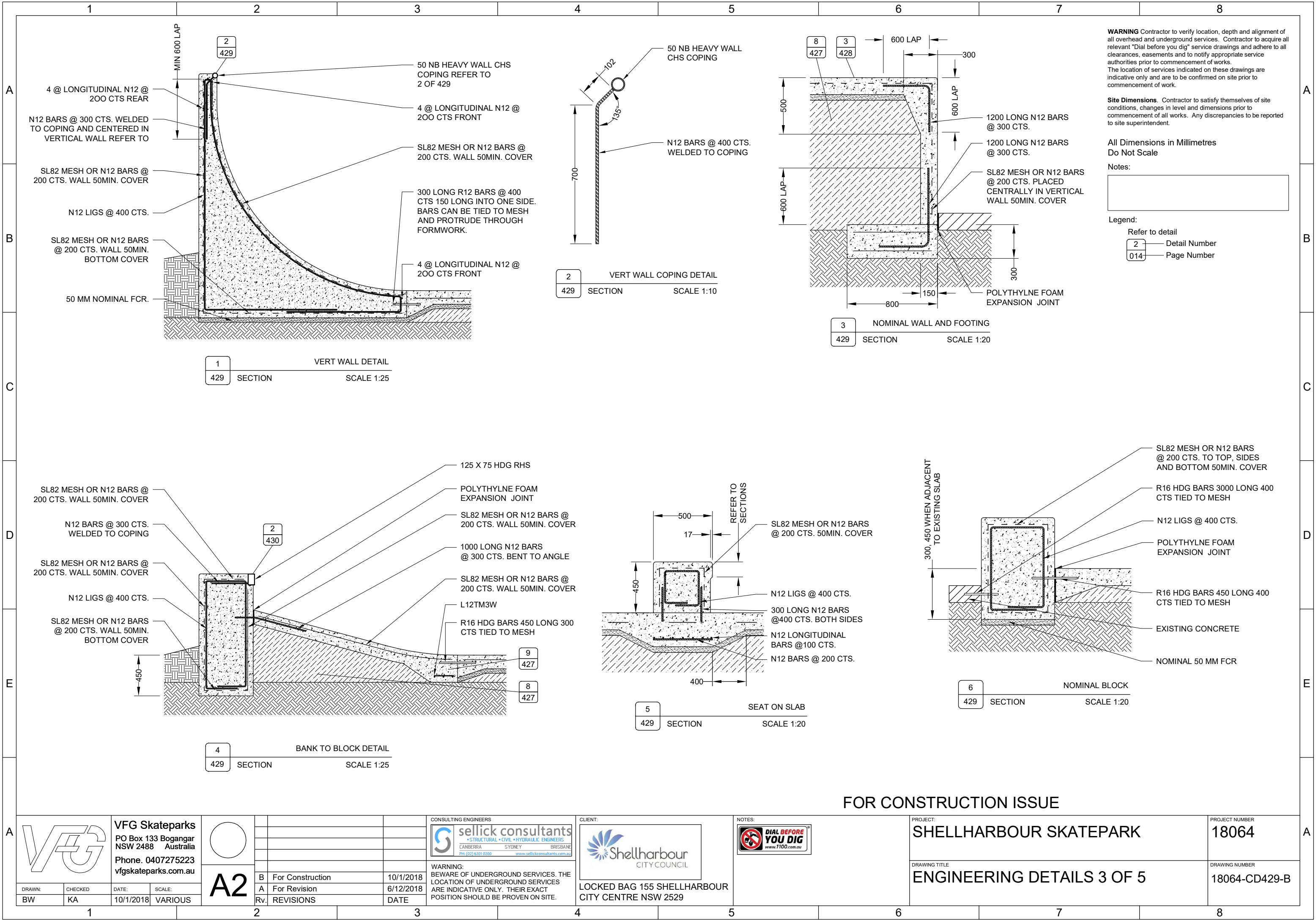
ENGINEERING DETAILS 2 OF 5

PROJECT NUMBER

18064

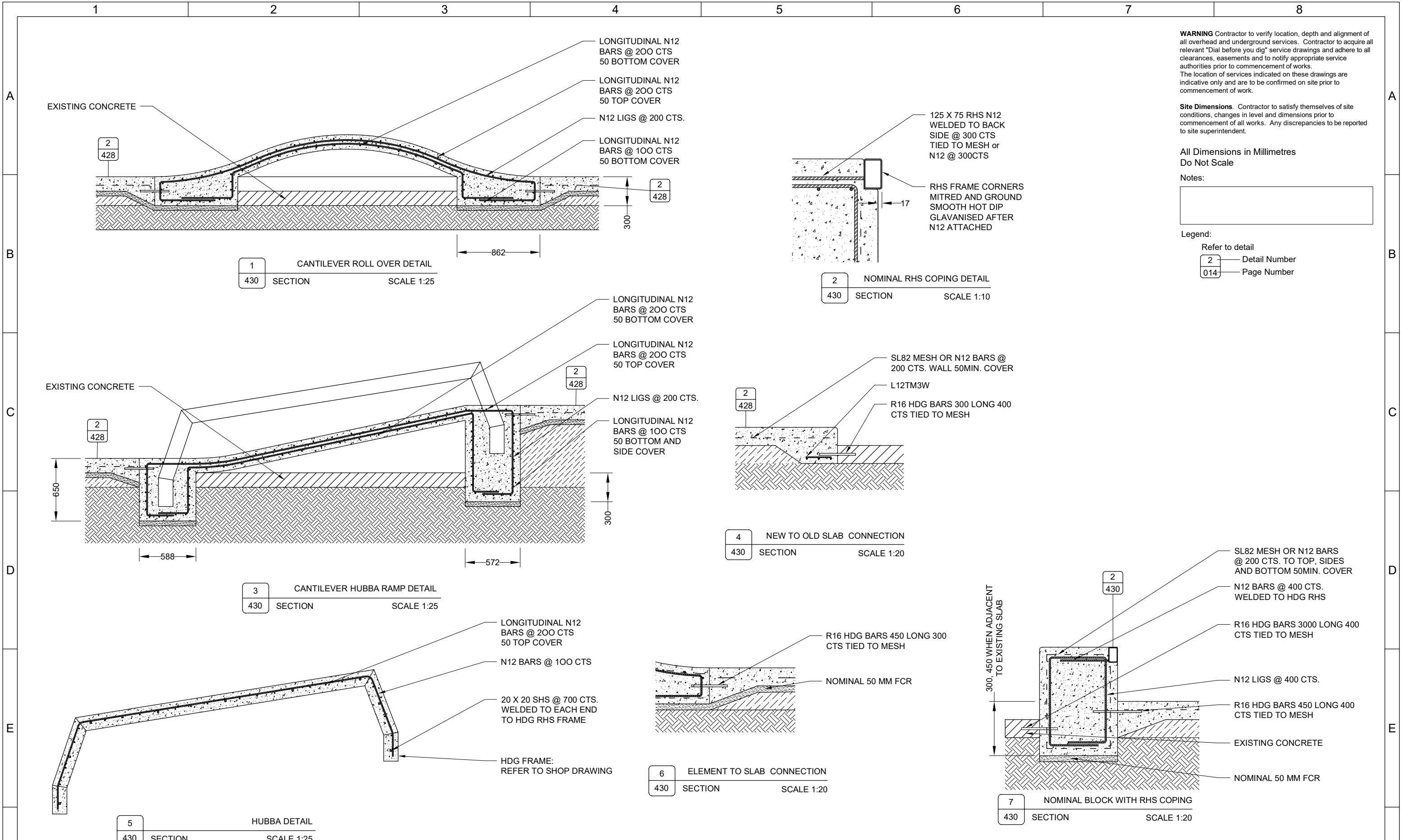
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18064-CD428-B



FOR CONSTRUCTION ISSUE

 VFG Skateparks PO Box 133 Bogangar NSW 2488 Australia Phone. 0407275223 vfgskateparks.com.au	 A2	<table><tr><td>B</td><td>For Construction</td><td>10/1/2018</td></tr><tr><td>A</td><td>For Revision</td><td>6/12/2018</td></tr><tr><td>Rv.</td><td>REVISIONS</td><td>DATE</td></tr></table>	B	For Construction	10/1/2018	A	For Revision	6/12/2018	Rv.	REVISIONS	DATE	 CONSULTING ENGINEERS *STRUCTURAL * CIVIL * HYDRAULIC ENGINEERS CANNIBERRA SYDNEY BRISBANE Ph: (03) 6301 0200 www.sellickconsultants.com.au	CLIENT:  LOCKED BAG 155 SHELLHARBOUR CITY CENTRE NSW 2529	NOTES: 	PROJECT: SHELLHARBOUR SKATEPARK	PROJECT NUMBER 18064
			B	For Construction	10/1/2018											
A	For Revision	6/12/2018														
Rv.	REVISIONS	DATE														
DRAWN: BW	CHECKED KA	DATE: 10/1/2018	SCALE: VARIOUS	DRAWING TITLE ENGINEERING DETAILS 3 OF 5		DRAWING NUMBER 18064-CD429-B										



WARNING Contractor to verify location, depth and alignment of all overhead and underground services. Contractor to acquire all relevant "Dial before you dig" service drawings and adhere to all clearances, easements and to notify appropriate service authorities prior to commencement of works. The location of services indicated on these drawings are indicative only and are to be confirmed on site prior to commencement of work.

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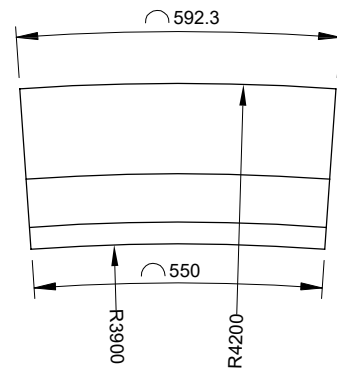
All Dimensions in Millimetres
Do Not Scale

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2 Detail Number
014 Page Number

FOR CONSTRUCTION ISSUE

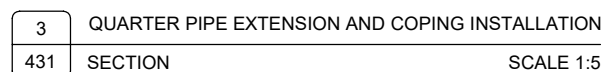
		VFG Skateparks PO Box 133 Bogangar NSW 2488 Australia Phone. 0407275223 vfgskateparks.com.au				sellick consultants *STRUCTURAL * CIVIL * HYDRAULIC ENGINEERS CANBERRA SYDNEY BRISBANE Ph: (03) 6301 0200 www.sellickconsultants.com.au		CLIENT: LOCKED BAG 155 SHELLHARBOUR CITY CENTRE NSW 2529		NOTES: 		PROJECT: SHELLHARBOUR SKATEPARK		PROJECT NUMBER 18064	
DRAWN: BW		CHECKED: KA		DATE: 10/1/2018		SCALE: VARIOUS		WARNING: BEWARE OF UNDERGROUND SERVICES. THE LOCATION OF UNDERGROUND SERVICES ARE INDICATIVE ONLY. THEIR EXACT POSITION SHOULD BE PROVEN ON SITE.		DRAWING TITLE ENGINEERING DETAILS 4 OF 5		DRAWING NUMBER 18064-CD430-B			
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2	GRANITE COPING DETAIL	
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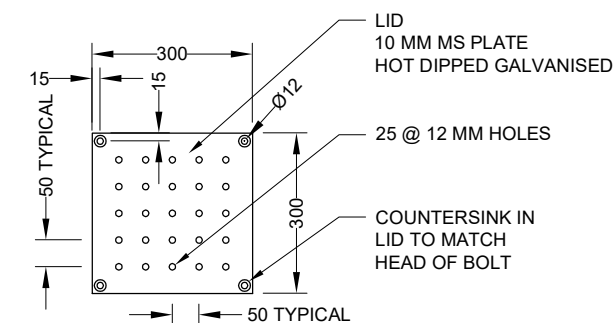
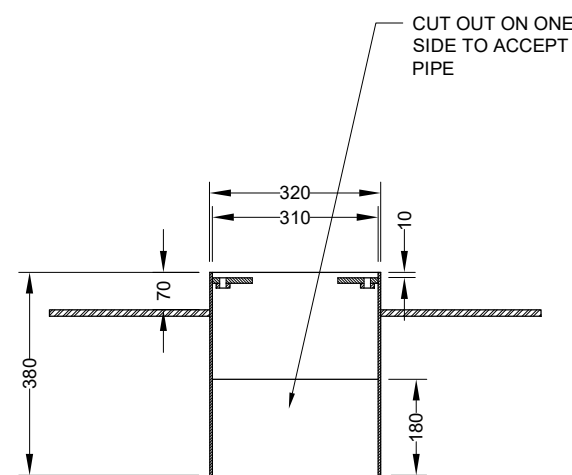
GRANITE POOL COPING SHALL BE CONSTRUCTED AS PER DIMENSIONS SHOWN. ADDITIONAL POOL COPING SHOULD BE ORDERED FOR COUNCIL STORAGE TO ASSIST WITH TIMELY REPLACEMENT AND MAINTENANCE. SAMPLE REQUIRED REFER SPECIFICATION.

2 — Detail Number
014 — Page Number



DRAWING NUMBER

18064-CD431-B




 SKATE PIT SECTION
 SCALE 1:10

2	SKATE LID PLAN VIEW
532	SCALE 1:10

Site Dimensions. Contractor to satisfy themselves of site conditions, changes in level and dimensions prior to commencement of all works. Any discrepancies to be reported to site superintendent.

All Dimensions in Millimetres
Do Not Scale

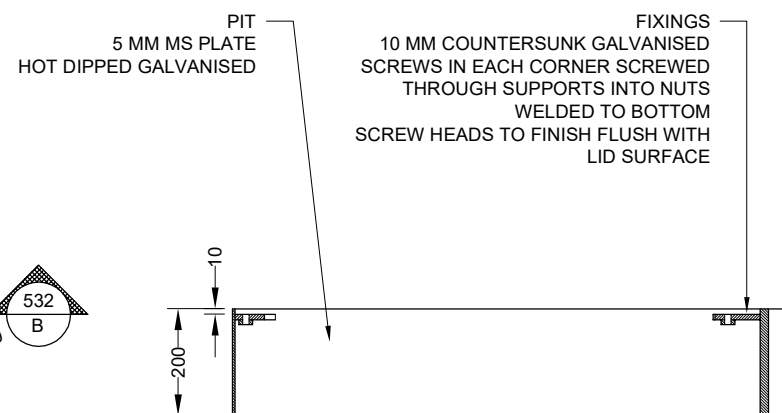
Notes:


ENSURE HOLES IN THE LID ALIGN WITH HOLES IN THE PIT

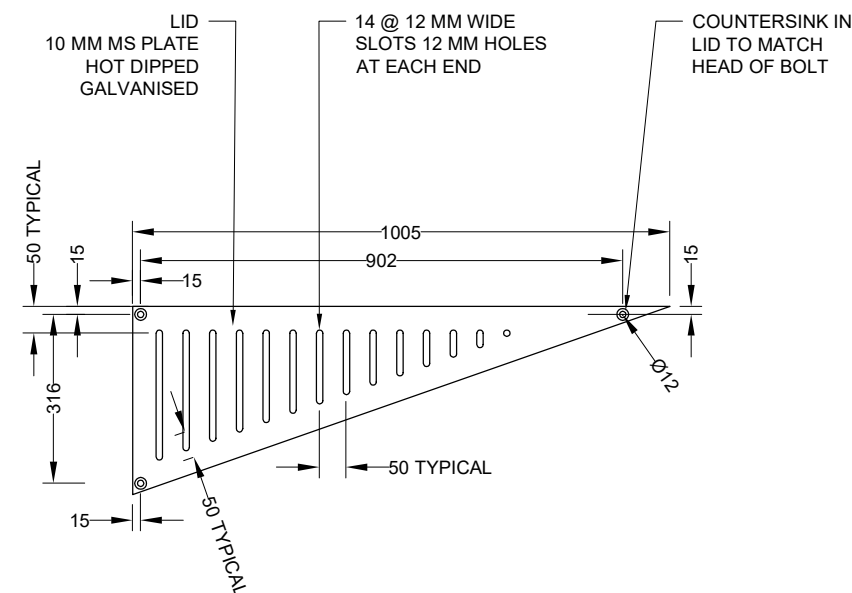
Refer to detail

2 — Detail Number
014 — Page Number

532 PAGE NUMBER
A SECTION



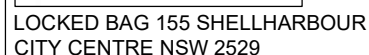

 SKATE PIT SECTION
 SCALE 1:10



3	SW PIT 1 LID PLAN VIEW
532	SCALE 1:10

WARNING:
BEWARE OF UNDERGROUND SERVICES. THE
LOCATION OF UNDERGROUND SERVICES
ARE INDICATIVE ONLY. THEIR EXACT
POSITION SHOULD BE PROVEN ON SITE.

CLIENT:	
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NOTES:



PROJECT:	
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SHELLHARBOUR SKATEPARK

PROJECT NUMBER

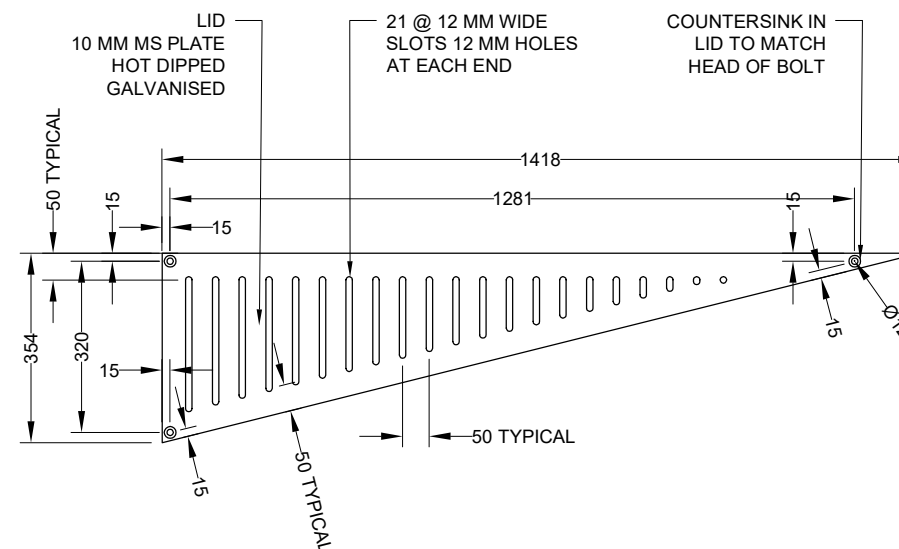
18064

DRAWING TITLE

ENGINEERING SHOP DRAWING 1
SKATE PIT & SW PIT 1

DRAWING NUMBER

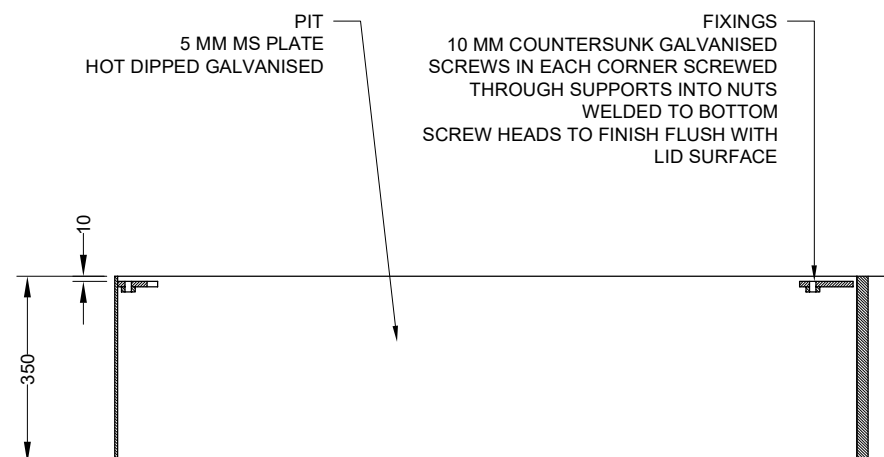
18064-SD532-B



2 SW PIT 2 LID PLAN VIEW
533 SCALE 1:10

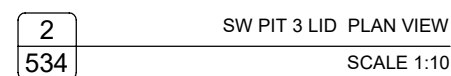
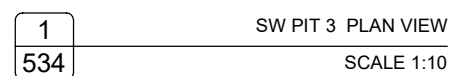
ENSURE HOLES IN THE LID ALIGN WITH HOLES IN THE PIT

533 PAGE NUMBER
A SECTION



A SKATE PIT 2 SECTION
533 SCALE 1:10

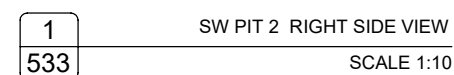
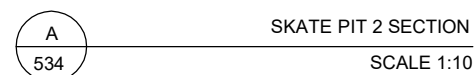
PROJECT NUMBER	18064
DRAWING NUMBER	18064-SD533-B



ENSURE HOLES IN THE LID ALIGN WITH HOLES IN THE PIT

2 — Detail Number
014 — Page Number

533 PAGE NUMBER
A SECTION



B	For Construction	10/1/2018
A	For Revision	6/12/2018
Rv.	REVISIONS	DATE

WARNING:
BEWARE OF UNDERGROUND SERVICES. THE
LOCATION OF UNDERGROUND SERVICES
ARE INDICATIVE ONLY. THEIR EXACT
POSITION SHOULD BE PROVEN ON SITE.

CLIENT:



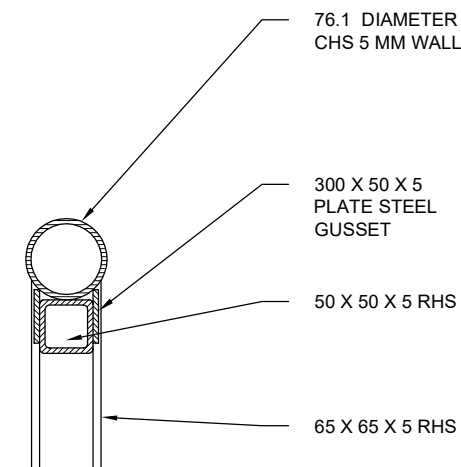
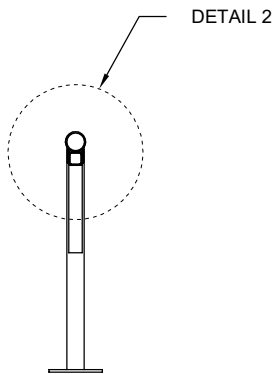
Shellharbour
CITY COUNCIL

LOCKED BAG 155 SHELLHARBOUR
CITY CENTRE NSW 2529

DRAWING TITLE

ENGINEERING SHOP DRAWING 3
SW PIT 3

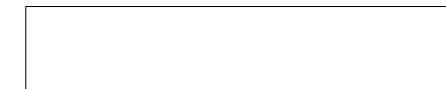
DRAWING NUMBER	18064-SD534-B
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Site Dimensions. Contractor to satisfy themselves of site conditions, changes in level and dimensions prior to commencement of all works. Any discrepancies to be reported to site superintendent.

All Dimensions in Millimetres
Do Not Scale

Notes:



Legend:

Refer to detail

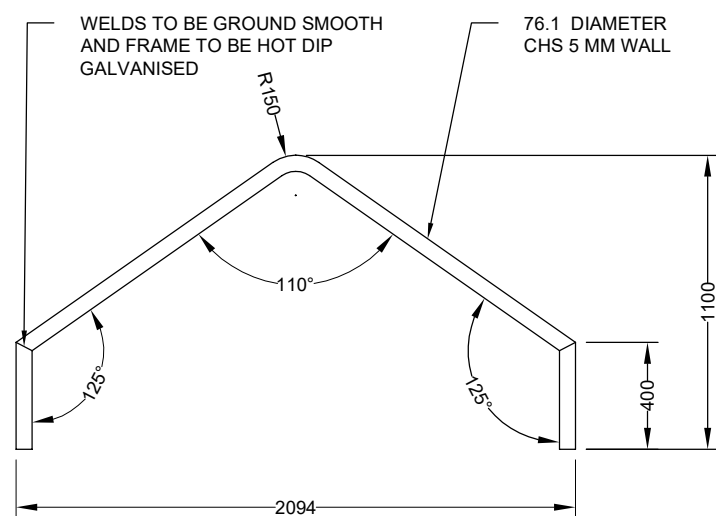
2	Detail Number
014	Page Number



1	RAIL 1	
535	FRONT ELEVATION	SCALE 1:20

A circle with center A and radius 435. The text "RAIL 1 SECTION" and "SCALE 1:20" is written to the right of the circle.

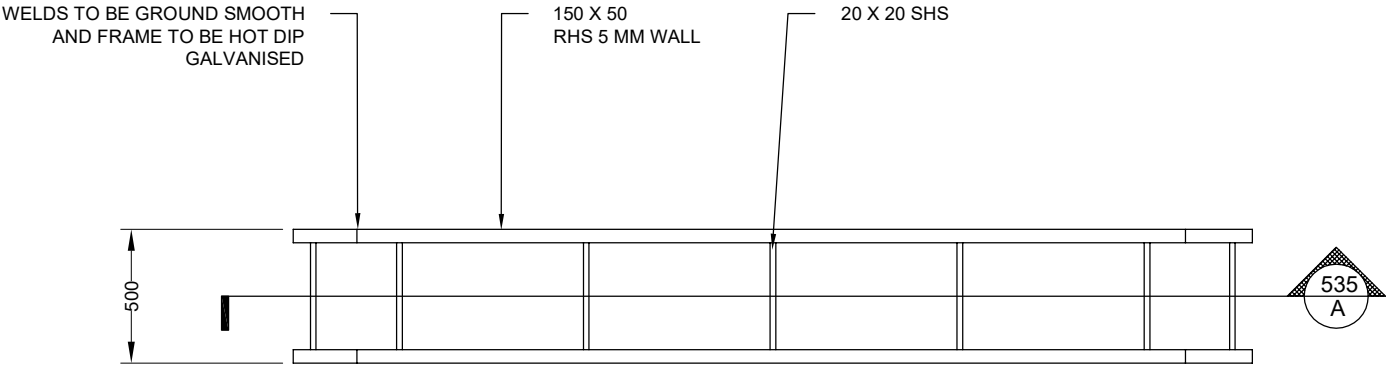
2	RAIL 1	
535	FRONT ELEVATION	SCALE 1:5



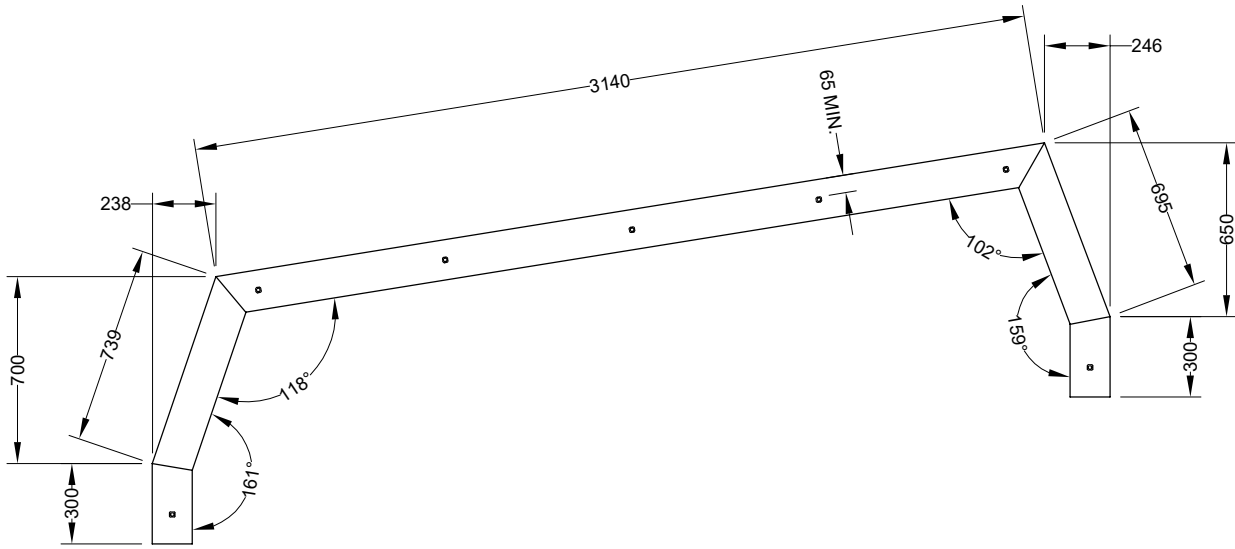
3	RAIL 2	
535	FRONT ELEVATION	SCALE 1:20

FOR CONSTRUCTION ISSUE

 VFG Skateparks PO Box 133 Bogangar NSW 2488 Australia Phone. 0407275223 vfgskateparks.com.au								 sellick consultants • STRUCTURAL • CIVIL • HYDRAULIC ENGINEERS CANBERRA SYDNEY BRISBANE PH: (02) 6201 0200 www.sellickconsultants.com.au				CLIENT: 				NOTES: 				PROJECT: SHELLHARBOUR SKATEPARK				PROJECT NUMBER 18064			
A2				WARNING: BEWARE OF UNDERGROUND SERVICES. THE LOCATION OF UNDERGROUND SERVICES ARE INDICATIVE ONLY. THEIR EXACT POSITION SHOULD BE PROVEN ON SITE.				LOCKED BAG 155 SHELLHARBOUR CITY CENTRE NSW 2529				DRAWING TITLE ENGINEERING SHOP DRAWING 4 RAIL 1 & RAIL 2				DRAWING NUMBER 18064-CD535-B											
DRAWN:		CHECKED:		DATE:		SCALE:		B For Construction		10/1/2018		A For Revision		6/12/2018		Rv. REVISIONS		DATE									
BW		KA		10/1/2018		1:20 @ A2																					



1 HUBBA
536 PLAN VIEW SCALE 1:20



A RAIL 1 SECTION
536 SCALE 1:10

WARNING Contractor to verify location, depth and alignment of all overhead and underground services. Contractor to acquire all relevant "Dial before you dig" service drawings and adhere to all clearances, easements and to notify appropriate service authorities prior to commencement of works. The location of services indicated on these drawings are indicative only and are to be confirmed on site prior to commencement of work.

Site Dimensions. Contractor to satisfy themselves of site conditions, changes in level and dimensions prior to commencement of all works. Any discrepancies to be reported to site superintendent.

All Dimensions in Millimetres
Do Not Scale

Notes:

Legend:

Refer to detail

2 Detail Number

014 Page Number

532 PAGE NUMBER
A SECTION

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PO Box 133 Bogangar
NSW 2488 Australia
Phone. 0407275223
vfgskateparks.com.au



A2

DRAWN:	CHECKED:	DATE:	SCALE:
BW	KA	10/1/2018	1:20 @ A2

REVISIONS	DATE
B For Construction	10/1/2018
A For Revision	6/12/2018

CONSULTING ENGINEERS



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CANBERRA SYDNEY BRISBANE
PH: (03) 6301 0200 www.sellickconsultants.com.au

CLIENT:



Shellharbour
CITY COUNCIL

NOTES:



DIAL BEFORE
YOU DIG
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PROJECT:

SHELLHARBOUR SKATEPARK

DRAWING TITLE

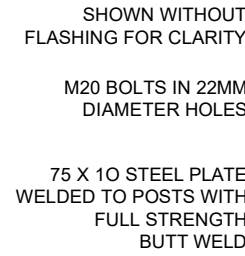
**ENGINEERING SHOP DRAWING 4
RAIL 1 & RAIL 2**

PROJECT NUMBER

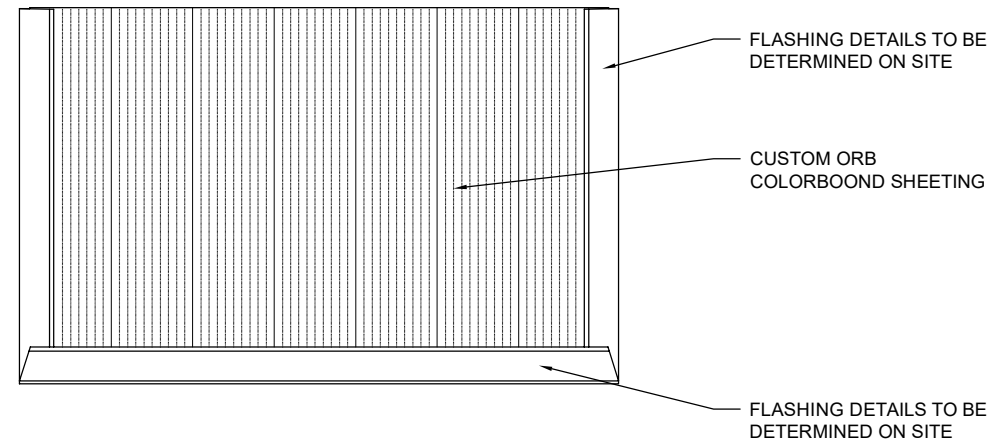
18064

DRAWING NUMBER

18064-CD536-B



A	DETAIL A
331	SCALE 1:50



1	SHELTER PLAN VIEW
331	SCALE 1:50

WARNING Contractor to verify location, depth and alignment of all overhead and underground services. Contractor to acquire all relevant "Dial before you dig" service drawings and adhere to all clearances, easements and to notify appropriate service authorities prior to commencement of works. The location of services indicated on these drawings are indicative only and are to be confirmed on site prior to commencement of work.

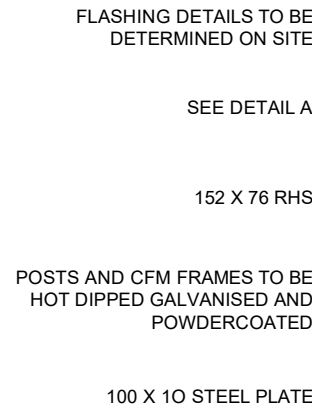
Site Dimensions. Contractor to satisfy themselves of site conditions, changes in level and dimensions prior to commencement of all works. Any discrepancies to be reported to site superintendent.

All Dimensions in Millimetres
Do Not Scale

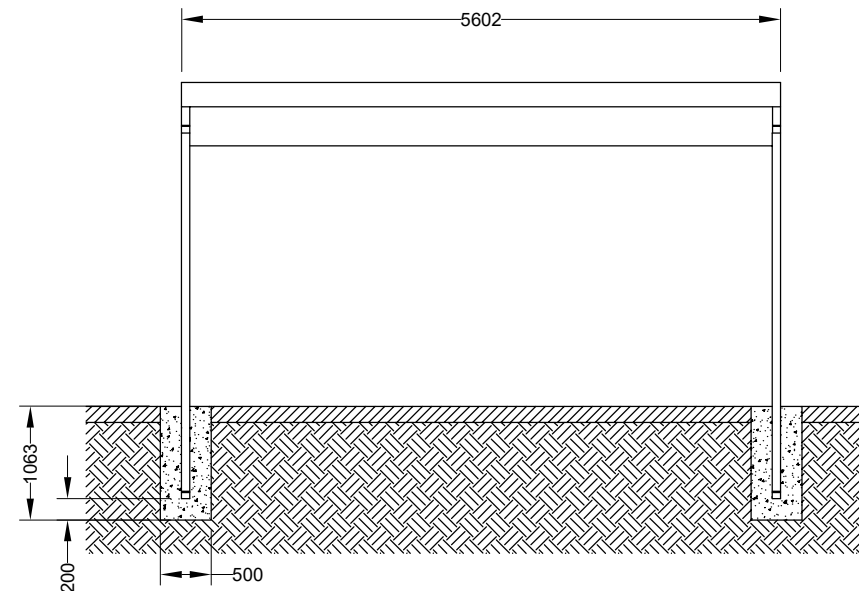
Notes:

Legend:

2 — DETAIL NUMBER
014 — PAGE NUMBER



3	SHELTER END VIEW
331	SCALE 1:50



3	SHELTER END VIEW
331	SCALE 1:50

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							WARNING: BEWARE OF UNDERGROUND SERVICES. THE LOCATION OF UNDERGROUND SERVICES ARE INDICATIVE ONLY. THEIR EXACT POSITION SHOULD BE PROVEN ON SITE.					DRAWING TITLE: SHELTER ENGINEERING DETAILS		DRAWING NUMBER 18064-CD637-B	
A2	A For Construction	14/12/17	DRAWN:	CHECKED	DATE:	SCALE:									
	Rv. REVISIONS	DATE	BW	KA	14/12/17	50:1 @ A2									

