 These structural drawings are to be used for structural works purposes only. They are to be read in conjunction with all other project disciplines drawings. No other trade or arist be referred to the engineer for calification. All works related to these drawings are to be rand in conjunction with all characterizes with the relevant building codes and a completed state only. No inference is to be made regimes for information only. Works dimensional set out is observed and inclusing and houring are provided structural design depicted in these drawings are provided structural set out according to these drawings and techniques which a responsibility for all construction methods. The builder relations sole responsibility to ensure risk and safety management is practiced as a to be all the unders responsibility to ensure risk and safety management is stable in its final built condition. The structure shown in these drawings has been detailed as stable in its final built condition. During construction, and at every stage until completion, the all elements remains the responsibility of the builder to provide temporary bracing to all building elements during the orks and the regimer. The structure shown in these drawings has been detailed as stable in its final built condition. During construction, and at every stage until completion, the all elements remain in a stable state and experience no verstress. WORKS INSPECTONS Any engineer inspections are required to allow as-built certification of the source only accompleted and engineer. Any engineer inspections are required to allow as-built certification in a stable state and experience in the solution of the source and engineer. Any engineer inspections are required to many any other job aspects on segmentation in no way releves the builder stalled such as not experience on the contract a engineer. Any engineer inspection sace on	GENERAL	
Design loads have been allowed for in accordance with the relevant sections of AS/NZ5 1170. Loads are based upon the architectural drawings. Superimposed Dead Load Foor Live Loads Typical Category N4 in accordance with AS4055. Snow Loads Snow Loads <t< td=""><td>DESIGN LOAD ALLOWANCES</td><td>Lift Op</td></t<>	DESIGN LOAD ALLOWANCES	Lift Op
 All site preparation, foundation and soli-related works are based upon assumed parameters via a lialow with a suitably qualified geotechnical professional (or site classifier with out this confirmation preparater to a soliton of the provided structural edging responsibility for the suitability of the provided structural edging are: P (to AS 2870) (preparater to is sub-solit accordance with the parameters above. This site class, sub-solity per and the stated bearing capacity shall be founded on a consistent sub-solit accordance with the parameters above. This site class, sub-solity per and the stated bearing capacity shall be confirmed by a suitably qualified geotechnical professional prior to any works commencing. All works shall be founded on a consistent sub-solit accordance with the parameters above. This site class, sub-solit amiliarise themselves with the foolings performance allowances made under this code (particular attention is drawn be carried out to a depth as required to remove these to acceptable levels of cracking and/or foundation movement). All topsoli, roots and organic matter shall be removed from the area in which the foolings and/or slate are to rest. This is be carried out to a depth as required to remove these undestrable materials. Any over-accavation is to be provided to remove these to suitably qualified geotechnical professional. The engineer is any case where this is a possibility. All under the supervision of a suitably qualified profession a tracking and/or foundation movement). Bothese and the state only at the discretion of the engineer is any case where the site provided to remove these to provided to achieve the engineer in any case where this is a possibility. Any overavation, sub-solit is sought from the engineer is any case where this is a possibility including but not limited to sand being within the scope of AS 2870, furtherest persover. Chry overavation of sub-solited an	SITE PREPARATION & FOUNDATIONS	Lift Operators HQ, Smiggin Holes
 All concrete materials and construction requirements are to be in strict accordance with XS 3800 and any associated standards. Al concrete mikes are to be of normal weight proportioned to meet the following characteristics. Mixes are to be associated to accordance with the requirements set out in Assimum Agregate Strain	CONCRETE	s ON
 1. All reinforcing materials, the manufacture and the placement of such materials is to be in accordance with ASNZS 4671. 2. Reinforcement shall be of the proper class, in accordance with ASNZS 4671, as chored in the structural divergencement. 3. Such classes include: N	REINFORCEMENT	
	Delay test har ware not work of the optimized for the optimiz	CONTINUE CONTINUE CONTINUE CONTINUE Subscription Telescontron Telescontro Telescontro

Rev Issued for Construction consist of alternating headers and stretchers.11. Additional blockwork specific items: 5. For grouted masonry, the grout shall be a core filling course minimum for typical bricks). Header courses can nodn 8. No chasing is permitted in load bearing brickwork without equivalent. The wall is to finish below the soffit of the slab maximum 10mm aggregate. 6. Finishing at the top of load bearing walls is to consist of specific mix of minimum compressive strength 20MPa with specification 1. All masonry associated materials and the placement of header courses at maximum 600mm centres (every 7th slabs, these joints are to be replicated in any brickwork laid the relevant standards. Where joints are located in concrete Joints are to be located to the architectural specification. the written permission and direction of engineer. Type A and a durability rating as specified above. Ties are to be embedded a minimum of 50mm into the mortar joint of a slip joint such as two layers of DPC or approved raking, if any, shall not exceed 5mm. noted otherwise. Lay pattern for all masonry shall be stretcher bond unless Australian Standards including but not limited to AS3700. 2. Masonry units are to comply with the following MASONRY 10. Solid walls (230mm thick) are to be provided with At a minimum, joints are to be provided in accordance with to be located: with a minimum 15mm cover to exposed surfaces. Ties are Wall ties for both cavity and veneer walls are to be of fire rated gap filler 20mm clear of the slab over and the gap is to be filled with being poured over. Non-load bearing walls are to finish the bricks being trowelled smooth followed with placement fully bedded. Joints shall be 10mm thick. The depth of 4. All mortar joints including bedding and perpends shall be (Ground Contact) such materials is to be in accordance with relevant Below DPC Location Exterior Interior accordance with the grout workability to ensure that preferred that plastic bar positioners are used to excessive mortar protrusions prior to grouting. b. Cleanout holes are to be provided and sufficiently the first row of ties being within 300mm of that the blockwork and to ensure no blow outs in bedding the grout can be properly compacted (by vibration or d. The height of grout lifts should be limited in maintain correct positioning. side by side to ensure proper cover is maintained. It is accordance with details. Laps shall be tied together Reinforcement shall be located accurately in founding surface. cleaned to ensure full bedding of grout on entire a. Cores are to be thoroughly cleaned of any brickwork occurs rodding), to ensure a proper bond is achieved with support or joint. (including head restraint ties in non-load bearing Issued For Adjacent to any lateral support or control joint with At maximum 600mm centres in each direction Blocks15MPa Resistance Grade General Purpose Protected Protected Unit Mortar Class M2 M3 08 SEP 23 Date Components R1 R4 R4 Built in project specifications.Workshop drawings for structural steelwork shall be AS4100. purpose. The builder retains sole responsibility for ensuring architectural intent, dimensional correctness and fitness for finishes are permissible so long as they do not hinder the performance of the finish specified below. Any site activity secured to prevent loosening. Tapered washers shall be provided where the slope of surfaces in contact exceeds 1:20. Tensioned bolts shall be installed by the part-turn under any rotated part. The length of a bolt shall be such that a minimum of one clear thread plus runout is showing 5. Surface preparation for bolted joints is to be in strict minimum size of a fillet weld shall be 6mm, except where material is 6mm or thinner, then it shall be the thickness of 3. Welds shall be GP unless noted otherwise. The Post installed anchors shall only be used where detailed. strength non-shrink grout ensuring full bedding is achieved responsibility is taken by the engineer other than for this solely to ensure conformance with structural intent. No ensure fire rating is provided as per the architectural and 8. Fire rating has not been allowed for. The builder is to galvanising. All seal plates for hollow members are to be vented in a structural details, being one of the following: 4. All bolts are to comply with AS111, AS1110 and/or AS/NZS1252. Bolts are to be of the category denoted in accordance with Australian standards shown in Table 2.1 the erection of such materials is to be in accordance with 1. All steelwork associated materials, the manufacture and according to manufacturer recommendations manufacturers specification ensuring that no damage to the site delivery/installation is achieved. drawings by writing. The purpose of checking drawings is until the engineer has confirmed the suitability of such Materials ordering or fabrication shall not be undertaken provided to the engineer at least 10 working days prior to that the factory finish is achieved. holes are to be provided in any members undergoing manner which will not compromise performance. Drain after tightening. Any nut subject to vibration shall be accordance with AS4100. One washer is to be located the material (based on the thinner material being joined). of AS4100 unless noted otherwise All steel is to be of minimum yield stress of 250MPa in relevant Australian Standards including but not limited to STEELWORK reinforcement is made. Anchors are to be load tested Anchors shall be installed in full compliance with 10. Baseplates/endplates are to be grouted with a high the commencement of materials ordering or fabrication. which compromises the factory finish is to be repaired such Indicating device method of tensioning or with the use of a direct-tension All finishes are to comply with the following. Decorative 8.8/S 8.8/TF 4.6/S Internal External/Built in 8.8/TB 0400 233 638 cameron@camstructconsulting.com.au ation **Camstruct Consulting Pty Ltd** Grade 8.8, fully tensioned Grade 8.8, fully tensioned Grade 8.8, snug tightened Grade 4.6, snug tightened Finish Type Hot Dipped Galv HDG 600 in multi-storey construction to avoid slabs being loaded beyond design limits (including allowance for strengths less Standards. Attention is to be given to back-propping removal Formwork finishes are to be specified by the architect.
 Stripping times shall comply with the relevant Australian or PT induced loads. support all loads supported by it including, but not limited to, All concrete formwork design and construction remains the responsibility of the builder. All formwork shall be designed to specification. Washers shall be used at the end of each bolt in accordance 5. Bolts shall be pre-bored at a diameter equal to the shank 4. All fixings, nails, bolts, brackets, etc, are to be galvanised durability grades as shown in the structural drawings (hard/soft/manufactured), of the minimum strength and materials loads prior to and after pour, the wet weight of the FORMWORK carried out in accordance with the manufacturers relevant standard 6. All connections are to be made in accordance with the with Table 4.11 of AS1720.1 as required to suit the location of use. content suitable for the location it is being used. 3. All timber is to be seasoned and to be of a moisture relevant Australian Standards including but not limited to AS1720 and/or AS1684. erection of such materials is to be in accordance with 1. All timber associated materials, the manufacture and the than specified at 28 days). concrete, construction equipment, live loads and any lateral Where manufactured timber is used, all works are to be TIMBER All timber is to be of the wood type THIS DOCUMENT AND ASSOCIATED INTELLECTUAL PROPERTY ARE SUBJECT TO COPYRIGHT OWNED BY CAMSTRUCT CONSULTING PTY LTD AND ARE PROTECTED BY LAW

Not to Scale	Vail Resorts	Locker Room Extension @ Smiggin
ADCO-COC H		@ Smiggin Holes

Notes She

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Image: Non-Standing of Construction Date Name for Date	EXTERNAL FACEN NUMBER WALL FRAMING/ BRACING PLAN TYPE (h) PLYWOOD BRACING TO AS1684 USING 6mm OS BRACE BOARD. ALL M12 VERTICAL TIE DOWNS ARE TO BE CHEMSET MIN 85mm INTO SUBFLOOR BLOCKWORK.	NDICATES M12 GALV. TIE DOWN ROD SECURED OVER DOUBLE TOP PLATE ALL WALL STUDS 90:45 F7 @ 600:45 EXCEPT AS NOTED FOR GABLE. DOUBLE: TOP PLATE TO RUSS BEARING WALLS BEARING WALLS TUDS TO BE TIGHTENED TO 450:45 WHERE HEIGHT EXCEEDS 5.0m
PLAN ral notes sheet. Is details: strict accordance with dards.	ROOF BY CONTRACTOR TO AS1684. WIND ZONE = N4. ROOF SNOW LOADS ULTIMATE = 6.6 KPa SERVICE = 4.4 kPa	LINTEL 2 / 200x45 HYSPAN (2-JAMES, TRUNER) (2-JAMES, TRUNER) ROOF TRUSSES BY CONTRACTOR TO AS 1684

