

SITE PLAN

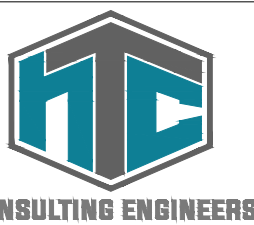
1:100



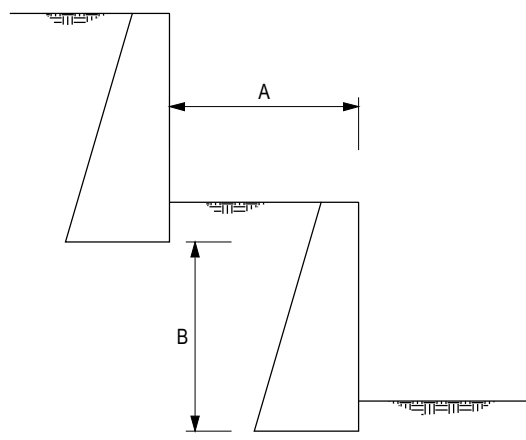
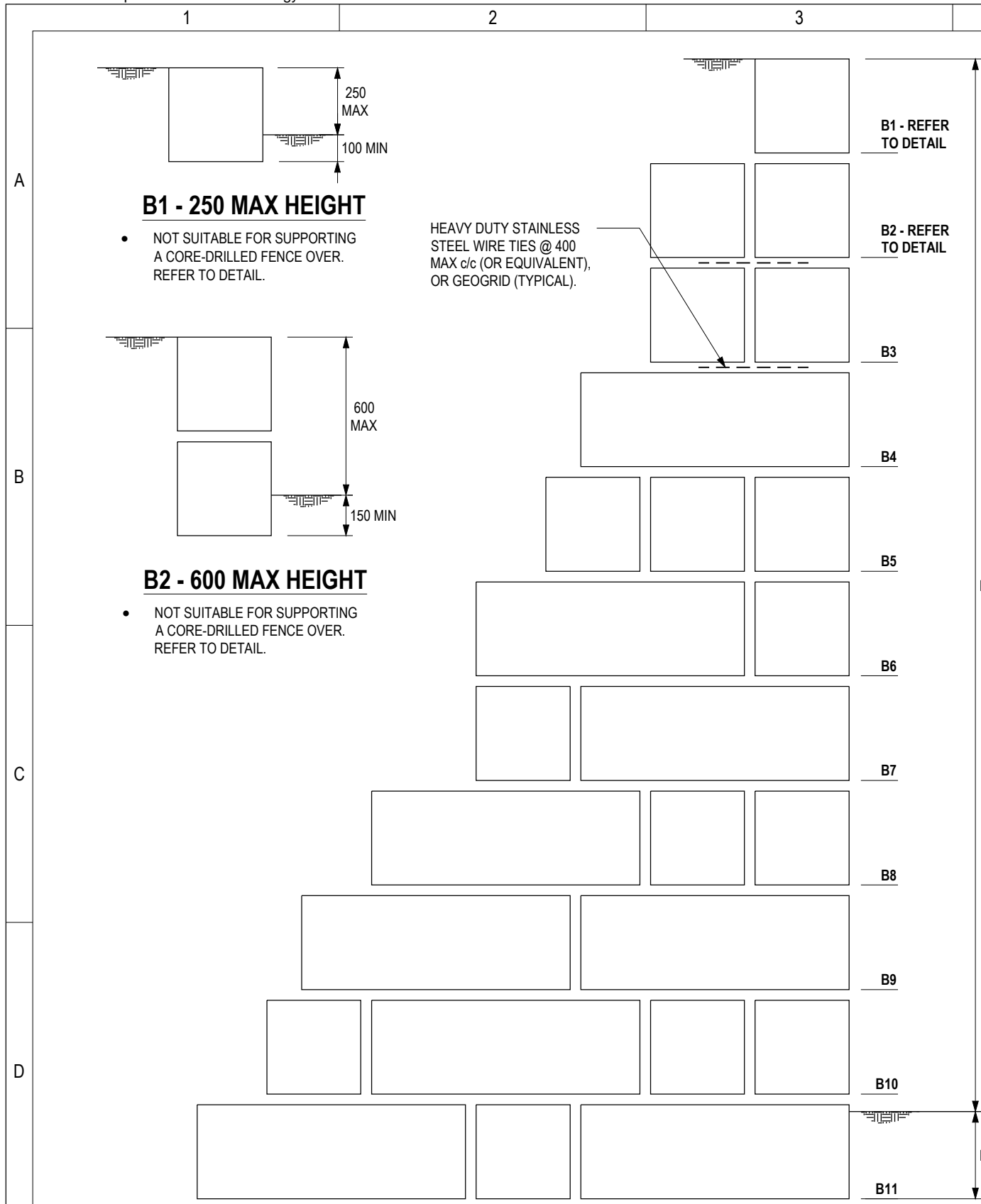
VJ CHONG BENG MIEAUST (3112040)
PLN_64911.14-11-2025

REV.	DATE	TASK N°	DESCRIPTION
0	14/11/2025	295202	ISSUED FOR CONSTRUCTION

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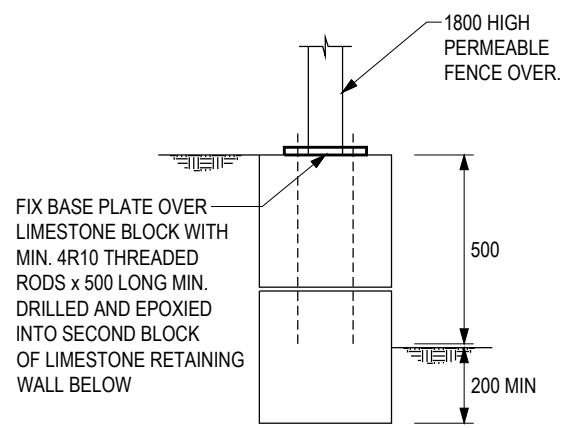


TITLE	SITE PLAN-PROPOSED LIMESTONE RETAINING WALL		DATE	14/11/25
PROJECT	32 CAMM AVE, BULLCREEK 6149 WA For DENIS POOR BUILDING SERVICES		AS3 SCALE	AS NOTED
			JOB REF.	PLN_64911
			SHEET	S101
			REV	0



TIERED WALL DETAIL

- "A" MUST ALWAYS BE GREATER THAN OR EQUAL TO "B"



DETAIL FOR FENCE OVER

NOTES:

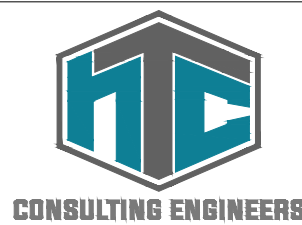
- GENERAL**
 - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ARCHITECTURAL AND OTHER CONSULTANTS' DRAWINGS. ANY DISCREPANCIES MUST BE CONFIRMED PRIOR TO COMMENCEMENT OF CONSTRUCTION.
 - APPROVAL FROM THE WATER CORPORATION IS REQUIRED IF BUILDING NEAR A WATER CORPORATION SEWER LINE.
 - THE RETAINING WALL IS NOT TO BE SURCHARGE LOADED BY ANY ADJACENT STRUCTURE, VEGETATION OR VEHICLE ACCESS WAY. ALL RETAINING WALLS ARE DESIGNED TO SUPPORT A MAXIMUM LIVE LOAD OF 5kPa, WHICH INCLUDES LIGHT VEHICLE SURCHARGE, AS PER CLASS B & C OF AS4678 (U.N.O.). ENSURE ALL SURCHARGE LOADS GREATER THAN 5kPa ARE AT LEAST A DISTANCE EQUAL TO THE HEIGHT OF THE WALL AWAY AT ANY POINT.
 - ALL REFERENCED STANDARDS TO BE THE CURRENT VERSION AT THE TIME OF CONSTRUCTION.
 - ENSURE NO EXISTING ADJACENT STRUCTURES ARE SURCHARGED OR UNDERMINED BY THE PROPOSED WORKS.
 - THIS DETAIL IS DESIGNED FOR USE IN FREE DRAINING SANDY OR ROCKY SOIL ONLY. REFER BACK TO THE ENGINEER SHOULD REACTIVE MATERIALS BE ENCOUNTERED DURING SITE PREPARATION.
 - MAXIMUM LEVEL OF WATER TABLE IS TO BE BELOW THE BASE OF THE RETAINING WALL.
 - CONSTRUCT RETAINING WALLS WITH A 1:50 BACKSLOPE.
- EARTHWORKS**
 - EARTHWORKS SHALL INCLUDE, BUT ARE NOT LIMITED TO:
 - REMOVAL OF TOPSOIL, ORGANIC AND TREE ROOT ZONE MATERIALS FROM THE BUILDING AREA.
 - REMOVAL OF ALL UNCONTROLLED FILL AND DELETERIOUS FILL (GRAVELS, CLAY, SILT, RUBBISH, LIMESTONE RUBBLE, BUILDING RUBBLE ETC.) FROM THE BUILDING AREA.
 - SAND FILL EXCAVATED FROM THE SITE MAY BE USED AS RECYCLED ENGINEERED FILL PROVIDED THAT IT IS SCREENED WITH ALL UNSUITABLE MATERIALS REMOVED.
 - BOTTOMS OF FOUNDATION AREAS ARE TO BE COMPACTED TO ACHIEVE MINIMUM COMPACTION (USING STANDARD PERTH SAND PENETROMETER) AS FOLLOWS:
 - 6 BLOWS PER 300mm FOR A DEPTH OF AT LEAST 750mm FOR H ≤ 2800.
 - 7 BLOWS PER 300mm FOR A DEPTH OF AT LEAST 750mm FOR H > 2800 BUT ≤ 3600.
 - 8 BLOWS PER 300mm FOR A DEPTH OF AT LEAST 750mm FOR H > 3600.
 - BACKFILLING BEHIND WALL NOT TO COMMENCE FOR AT LEAST 5 DAYS AFTER COMPLETION OF WALL. ALL BACKFILL TO BE COMPACTED IN 300mm LAYERS USING CLEAN, WELL GRADED SAND TO PROVIDE STANDARD PERTH SAND PENETROMETER READINGS OF AT LEAST 6 BLOWS PER 300mm.
 - RECOMPACT SOIL ON LOW SIDE OF WALL TO ACHIEVE MINIMUM 5 BLOWS PER 300mm (USING STANDARD PERTH SAND PENETROMETER).
 - SLOPE OF BACKFILL TO BE NO MORE THAN 30°.
- CONCRETE, MASONRY AND LIMESTONE**
 - ALL CONCRETE TO BE IN ACCORDANCE WITH AS3600.
 - ALL MASONRY TO BE IN ACCORDANCE WITH AS3700.
 - LIMESTONE WALLS TO BE BUILT WITH STANDARD 350 x 350 x 1000 NATURAL CUT (NON-FRIABLE) OR RECONSTITUTED LIMESTONE BLOCKS. ENSURE BLOCKS INTERLOCK AND FORM A STRONG BOND. ALL JOINTS TO BE MORTARED. DO NOT USE RUBBLE TO FILL VOIDS.
 - MORTAR TO BE M4 FOR PROJECTS LOCATED WITHIN 1km OF THE OCEAN. MORTAR TO BE M3 FOR ALL OTHER PROJECTS. TYPE GP PORTLAND CEMENT & 100% WHITE PORTLAND CEMENT ARE THE ONLY CEMENTS ACCEPTABLE FOR USE IN MORTAR.
 - PROVIDE HEAVY DUTY STAINLESS STEEL WIRE TIES AT 400 MAX c/c (OR EQUIVALENT) AS SHOWN ON DETAILS. ALTERNATIVELY, PROVIDE GEOGRID AS SHOWN.
 - PROVIDE 10mm WIDE, FULL THICKNESS CONTROL JOINTS AT 7000 c/c IN STRAIGHT LENGTHS OF RETAINING WALLS. FILL WITH SUITABLE SEALANT.
- DESIGN CRITERIA**
 - WIND REGION A (V100 = 41m/s).
 - TERRAIN CATEGORY 3.
 - TOPOGRAPHIC CLASSIFICATION = T1
 - Mt = 1.0, Ms = 0.85
 - DESIGN CRITERIA AS PER 1170.2.

LIMESTONE RETAINING WALL 1:20

MAXIMUM RETAINED HEIGHT TABLE											
BLOCK	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11
MAX HEIGHT (H)	250	600	950	1300	1650	2000	2400	2800	3200	3600	4000
MIN EMBEDMENT (E)	100	150	200	250	300	350	350	350	350	350	350

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TITLE LIMESTONE RETAINING WALL DETAILS

PROJECT 32 CAMM AVE, BULLCREEK 6149 WA
For DENIS POOR BUILDING SERVICES

DATE	14/11/25
A3 SCALE	1:20
JOB REF.	PLN_64911
SHEET	S102
REV	0



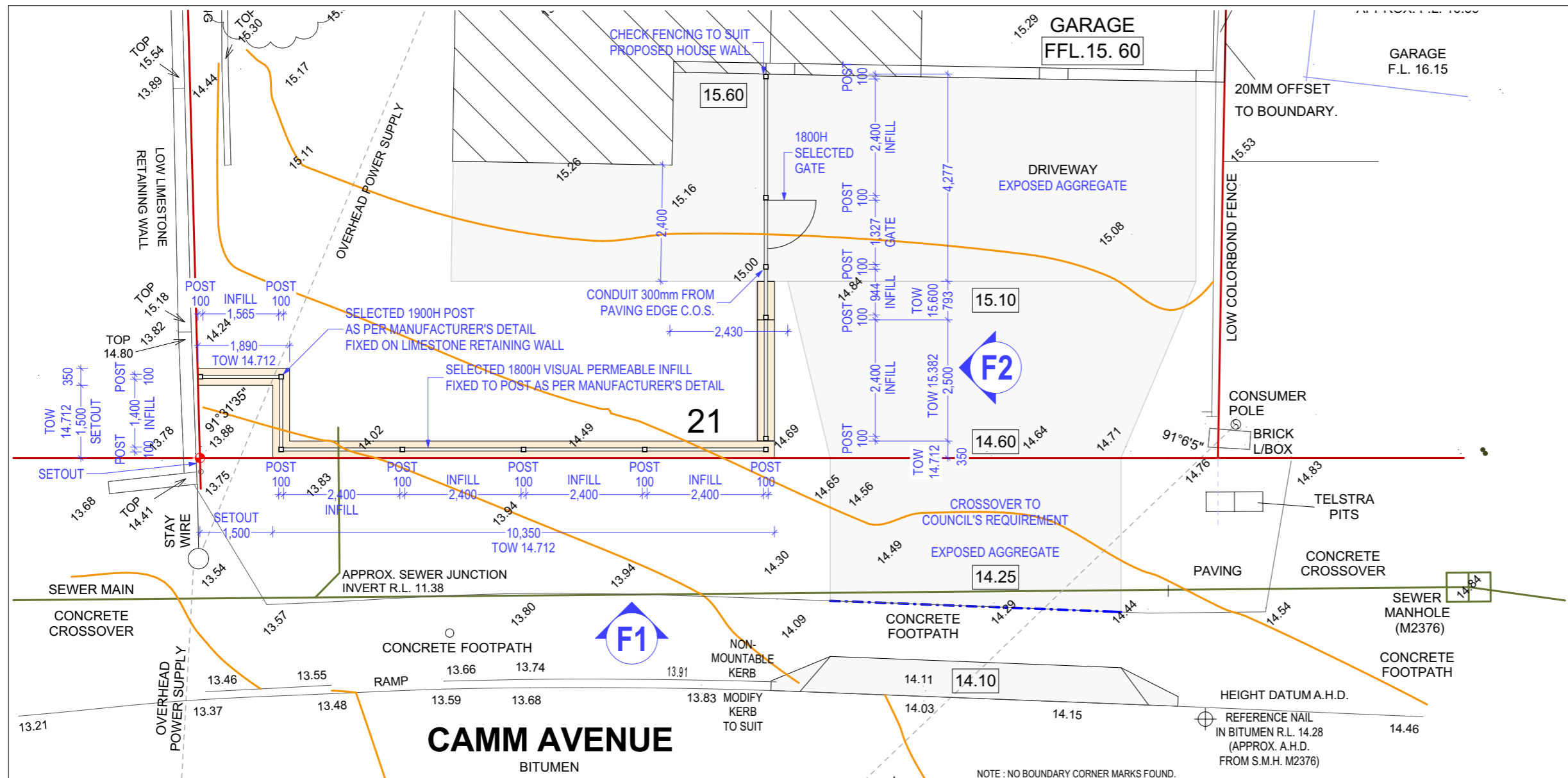
DENIS POOR BUILDING SERVICES
 162 Shaftesbury Avenue, BEDFORD WA 6052
 M: 0428 913 864
 E: Denis@dpbs.com.au

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BUILDER
 WITNESS
 DATE
 CLIENT
 CLIENT
 WITNESS
 DATE

THIS IS ONE OF THE DRAWINGS REFERRED TO IN THE BUILDING CONTRACT

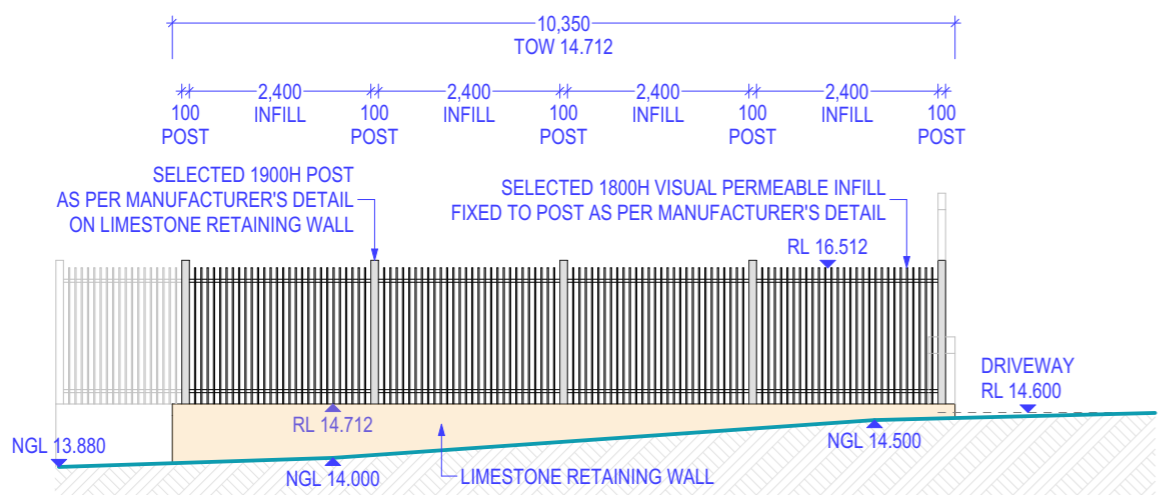
REV	DATE	DWN	DESCRIPTION
A	21 JAN 25	EC	FENCING DETAILS
B	18 JUL 25	EC	CROSSOVER DETAILS
C	19 JUL 25	EC	CROSSOVER DETAILS
D	02 NOV 25	EC	FENCING DETAILS
E	05 NOV 25	EC	FENCING DETAILS
F	08 NOV 25	EC	FENCING DETAILS



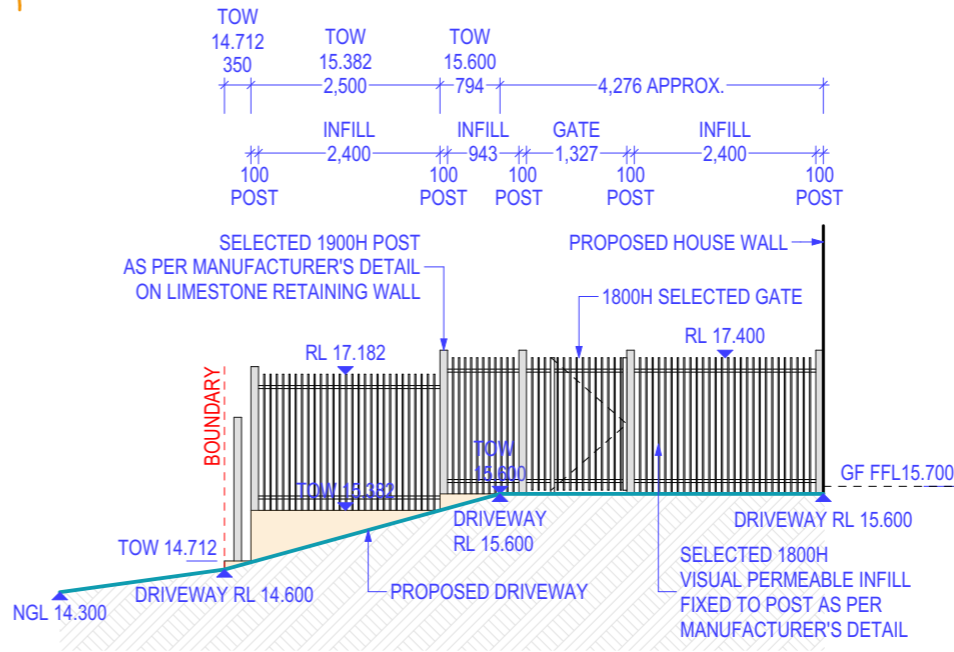
NOTE: NO BOUNDARY CORNER MARKS FOUND. CHECK TITLE FOR EASEMENTS, RESTRICTIVE COVENANTS ETC. THIS SURVEY DOES NOT GUARANTEE THE CORRECT POSITION OF BOUNDARY PEGS FOUND OR FENCE POSITIONS SHOWN, UNLESS A BOUNDARY RE-ESTABLISHMENT SURVEY HAS BEEN UNDERTAKEN BY SURVEYING SOLUTIONS WA. ALL FEATURES AND BUILDING POSITIONS ARE APPROXIMATE ONLY, AS THEY HAVE BEEN POSITIONED FROM MEASUREMENTS TAKEN FROM EXISTING PEGS, FENCES & WALLS. A BOUNDARY RE-ESTABLISHMENT SURVEY IS RECOMMENDED PRIOR TO UNDERTAKING ANY SITE WORKS OR CONSTRUCTION.

SITE PLAN - PROPOSED FENCING

1:100
DRAWING NOTE
 - THIS DRAWING IS FOR FRONT FENCING APPLICATION ONLY
 - CHECK DRIVEWAY, RETAINING WALL & FENCING DIMENSION TO SUIT PROPOSED HOME, SITE & FENCING FITTINGS



F1 ELEVATION
1:100



F2 ELEVATION
1:100

SITE ADDRESS:
LOT 182 (#32) CAMM AVE
BULL CREEK WA 6149

ISSUED FOR
CONSTRUCTION

SHEET 01 of 01 **REV. F**