# **STABILISATION & RETAINING WALL REPLACEMENT DETAILS**

7 COMEROY CRESCENT, FRENCHS FOREST

TIMOTHY AND SAMANTHA DONNAN

INSURER:

ASSESSOR: ENDATA

SHEET LIST							
SHEET NUMBER	SHEET NAME	REV	DATE				
S01	COVER SHEET	В	20/07/2020				
S02	CONSTRUCTION NOTES	В	20/07/2020				
S03	TEMPORARY STABILISATION PLAN & DETAILS	В	20/07/2020				
S04	RETAINING WALL DETAILS	B	20/07/2020				

E					SILVER WOLF PROJECTS PTY LTD ABN 36 108 257 674 Suite 2/79-87 Princes Highway	TIMOTHY AND SAMANTHA DONNAN	PRIOJECT PART -	5×5 AM
E			E		KOGARAH NSW 2217 TellFax: (02) 9358 2263 Email info@silverwolfprojects.com.au	STABILISATION & RETAINING WALL REPLACEMENT DETAILS		2020 105
E			E		Web www.silverwolfprojects.com.au  This drawing and the information contained thereon have been created solely for a particular purpose and client. Sher Wolf Projects provides no warrant and accepts no lability arising from the use of this classing and information shares there are on the reasons. This is	7 COMEROY CRESCENT, FRENCHS FOREST	COVER SHEET	E 20/07
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					DESIGNED M.B 20/07/2020		PROJECT NUMBER SWP 1903202	ATE
B	ISSUED FOR CC ISSUED FOR TENDERING	20/07/2020	M.B M.B	D.B D.B	DRG CHECKED N.H 20/07/2020 DESIGN CHECKED N.H 20/07/2020		DRG NUMBER SWP-DWG-1903202-S01 B A2	1 6
DE1		DATE			DEDICH CITED 14.11 2007/2020		HEIGHT DATUM: A H D	1 5

- THESE DRAWNESS SHALL BE READ IN COLARIOT ON WITH OTHER ARCHITECTURAL DRAWNESS AND THE READ THE READ OF THE READ OF
- ACTIONMENT WITH THE STATE OF THE CONTRACTOR AS THE STATE OF THE STATE
- AND EXCAVATIONS STABLE AT ALL TIMES.

  THE CONTRACTOR SHALL BE RESONDISE FOR MAINTAINING ANY EXCAVATION IN A STABLE CONDITION WITHOUT ADVENSELY AFFECTION SURPOLUDING PROPERTY INCLIDING SERVICES. THIS INCLIDES GETAINING ALL DECESSARY APPROVIATOR FOR BEDRING AND AND-CAPARING SYSTEE ID.

  LINES NOTED OTHERWISE, ALL LEVELS ARE IN METRES AND ALL DIMENSIONS ARE IN MILLIMETRIES.
- MILLINE! HES.

  THE STRUCTURAL COMPONENTS DETAILED ON THESE DRAWINGS HAVE BEEN DESIGNED IN ACCORDANCE WITH HIS RELEVANT S.A.A. CODES AND NGC BUILDING CODE OF AUSTRALIA FOR THE FOLLOWING LOADINGS.

WIND LOAD TO AS1170.2: -HEIGHT OF STRUCTURE (H) = 2m -REGION A2

-TERRAIN CATEGORY = 2 ULTIMATE REGIONAL WIND SPEED (Vr) = 45 m/s. SERVICEABILITY REGIONAL WIND SPEED (Vr,s) = 37 m/s.

ALL MATERIAS ARE WORMANSHEP SHALL BE IN ACCOPRONCE WITH THE CUPRENT CODES OF PRACTICE DICEPT WHERE VARIED IN THE SPECIFICATION AND ORDAWNOS.

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ACTION OF THE STATE SHALL FOR THE SPECIFICATION OF THE SPECIFICATION OF THE STATE SHALL FOR THE SPECIFICATION OF THE STATE SHALL FROM THE SHALL FROM THE STATE SHALL FROM THE SH

STRUCTURAL STEEL

1. ALL WORKMANSHIP AND MATERIALS TO BE IN ACCORDANCE WITH AS4100 AND AS1554.

2. STEEL COMPONENTS SHALL COMPONENT OF THE POLL OWNER TARP TO THE

STEEL COMPONENTS SHALL CONFORM TO THE FOLLOWING TABLE U.N.O.							
COMPONENT	AUSTRALIAN STANDARD	GRADE					
PLATE AND FLOOR PLATE	AS3678	250					
HOT ROLLED SECTIONS	AS3679.1	300					
WELDED T SECTIONS	AS3679.2	300					
FLAT, SQUARE AND ROUND BARS	AS3679.1	250					
HOLLOW SECTIONS	AS1163	350					

- PRIVE NOTALE PRESENTATION BUT THE DEALL CONNECTION AND STEPEMER PLATE TO BE SIMM THOIC U.N.O.

  ALL WELDS TO BE SIMM CONTINUOUS FILLET STRUCTURE, PRIVICES (BP) WELDS U.N.O. ALL

  ALL BOLTS TO BE SIMM CONTINUOUS FILLET STRUCTURE, PRIVICES (BP) WELDS U.N.O. ALL

  ALL BOLTS TO TO BE CALVANISED ORDER SIM SU NO. PURILEN SONS TO SEA SPER

  MANUACIDIDISTS SIMPOCENCIONOU LIN SERVICE ORDER SONS TO SEA SPER

  MANUACIDIDISTS SIMPOCENCIONOU LIN SERVICES ORDER SIMPOCENCIONOU SIM
- ALL EACTIONS SECRET REAL WALLIAM OF THE ALL TO THE SUPERITHENESS IT SHARED FROM THE STATE OF THE SUPERITHENESS IT SHARED FROM THE STATE OF THE SUPERITHENESS IT SHARED FROM THE STATE COMMENCEMENT OF PREFIXATION OF THE STATE OF
- AS410 SECTION 14. STEELWOPK NOTED ON THE DRAWNOS AND STEELWOPK BUILT IN AFTER HARBICATION ALL STEELWOPK NOTED ON THE DRAWNOS AND STEELWOPK BUILT IN CLEANEST OLASS 25 TO ASIGNEY A, TO COMPLY WITH AS4600. REFER TO ARCHITECTURAL DEFINAS FOR TOF COATS. ANY SITE WILLIAMS AND DRILLIAM INTO THE STEEL MEMBERS ARE TO BE TREATED WITH INTERCASE COS AND PROPUSSE BUCHWASTET AND REH CONTROL TO SYMID OF IN ACCORDANCE
- STRUCTURAL STEEL FEMS WHICH ARE PROTECTED FROM WEATHER TO BE ABRASIVE BLAST CLEANED TO CLASS 2.5 TO AS 1827.4, TO BE PRIMED BY INTERZING 75 OR APPROVED EQUIVALENT TO 75 µm DFT.
- EQUIVAENT TO TIGHT PROTECTIVE COATH NO OF STERVICKS SAN, IS EMPORATED TO THE ATTENDED OF THE PROTECTIVE COATH NO OF STERVICKS SAN, IS EMPORATED TO MAKE SAN SEE SEPRICING AS PLACEMENT OF THE ATTENDED OF THE SUPPRISHED AS PLACEMENT OF THE ATTENDED OF THE SUPPRISH AS PLACEMENT OF THE ATTENDED OF THE SUPPRISH AS PLACEMENT OF THE SUPPRISH THE SUPPRISH
- EXAMANDON OF WELLES TO BE RESPECTION AND TEST RECORDS TO BE SUBMITTED TO THE SUPERITY RESPECT.

  A VISIALI, SCANMAND TO AS ISSAL A PREVIOUS OF THE OWN OF WELLS SAND 20% OF SI WELLS A VISIALI, SCANMAND TO AS ISSAL A PREVIOUS OF ON 10% OF OF WELLS SAND 20% OF SI WELLS CAMONETIC PRINTING EXAMANDATION TO BE PERFORMED ON 1% OF OF WELLS AND 50% OF SI WELLS WELLS.

  OF BUTT WELLS OF THE OWN OF THE OWN OF THE OWN OF THE OWN OF SI WELLS AND 10% OF SUPERITY WELLS AND 10% OF SUTT WELD AND 10% OF SUTT WELLS AND
- THE ABRICATION AND ERECTION OF THE STRUCTURAL STEEL WORK TO BE SUPERVISED BY AN ENGINEER EXPERIENCED IN SUCH SUPERVISION TO ENSURE THAT ALL REQUIREMENTS OF THE DESIGN ARE MET.
- THE DESIGN ARE MET.

  THE CONTRACTOR TO PROVIDE ALL CLEATS AND DRILL ALL HOLES NECESSARY FOR FIXING STEEL ELEMENTS WHETHER OR NOT DETAILED ON THE DRAWINGS.
- STEEL ELBERTS WHETHER OR NOT DETALED ON THE DRAWNING.
  SITARE EXPORTED TO BE USED DURING LANGE, THANGEVER AND ERECTTAR OF
  SOME OF THE STREET OF
- SECTION 15.
  AFTER TIGHTENING, EXPOSED FACES OF BOLTS, NUTS AND WASHERS SHALL BE PREPARED AND COATED AS SPECIFIED OR AS FOR ADJACENT STEELWORK.

20/07/2020 M.B D.B 03/03/2020 M.B D.B

- CONCRETE BLOCK RETAINING WALL

  RETAINED WALL HAVE BEEN RESIDENCY FOR THE FOLLOWING LIVE LOADS SURPOAMDED IN

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  A CLASS A 1.28 FOR TWALL SUR FOR 1.5 HINDIA HAD SUCPING SURPACE UP TO 3 FOR THE FOLLOWING THE FOR THE FOLLOWING THE FOR THE FOLLOWING THE

- BE SPECIFICALLY DESIGNED BY THE ENGINEER.

  MATERIAL SPECIFICATIONS ARE TO BE IN ACCORDANCE WITH RELEVANT CONSTRUCTION NOTES UNDER CONCRETE AND BLOCKWORK SECTIONS.

  RETAINING WALL HAS BEEN DESIGNED FOR THE FOLLOWING SOIL CLASSIFICATION AND GEOTECHNOL. PARAMETERS:

  - a. BACKFILL SOIL HAS BEEN ASSUMED TO BE FULLY DRAINED WITHOUT ANY GROUNDWATER LEVEL BEHIND THE WALL.
    b. SOIL UNIT WEIGHT (F) = 19kN/m3.
- A QUALIFED GEOTECHNICAL ENGINEER.
  IT IS ESSENTIAL THAT STEPS BE TAKEN TO PREVENT THE SOL BEHIND THE WALL FROM
  BECOMING SATURATED, THESE STEPS SHOULD NICLUDE:
  A SEALING THE SOUL SURFACE THIS CAN BE DONE BY COVERING IT WITH A COMPACTED
  LAYER OF MATERIAL WITH LOW PERMEABILITY, THE SURFACE SHOULD BE SLOPED TOWARDS
  AN OPEN DRAIN.
  - AN OPEN DRAIN.

    AD OPEN DRAIN THE SOLD. THIS CAN BE DONE BY PLACING GRAVE. TO A WIDTH OF APPROXIMATE Y SOME MARGUATELY BEHIND THE WALL WITH A CONTRICUOS TOWN THE OF A WIDTH OF
- 8 CLEANOUT OPENINGS SHOULD BE PROVIDED IN THE BOTTOM COURSE USING EITHER 20.61 BLOCKS PLUS TIMEBER FORMWORK AT THE FRONT OR 20.45 BLOCKS PLUS 20.45 A BISCUTS TO PERMIT REMOVAL OF MORTAR FINS AND OTHER DEBIES, AND TO ALLOW POSITIONING AND TYMOS OF VERTICAL REINFORCEMENT. THESE OPENINGS MUST BE CLOSED BEFORE GROUTING.
- ABOVE THE FIRST COURSE, THE USE OF 15.48, 20.48 AND 30.48 H-BLOCKS IS RECOMMENDED BECAUSE THEY ARE EASIER TO FILL WITH GROUT AND PROVIDE REQUIRED PROTECTION OF THE REINFORCEMENT.
- THE REPORCEMENT. WITH WINDLY AND PROVIDE REQUIRED PROTECTION OF MALE AND ADDRESS OF THE ADDRESS
- HEJURIEMENTS.
  INFILL SOIL SHOULD NOT PLACED BEHIND THE WALL UNTIL AT LEAST TEN (10) DAYS AFTER GROUTING, INFILL SOIL SHOULD BE PLACED AND COMPACTED IN LAYERS NOT MORE THAN
- 200mm DEEP.
  14 THE DRAINGE SYSTEM SHOULD BE INSTALLED PROGRESSIVELY AS THE INFILL SOIL RISES.
  THE DRAINAGE SYSTEM BEHIND THE WALL SHOULD BE CONNECTED TO THE MAIN DRAINAGE
  THE TRAINAGE SYSTEM BEHIND THE WALL SHOULD BE CONNECTED TO THE MAIN DRAINAGE.

SILVER WOLF PROJECTS PTY LTD TIMOTHY AND SAMANTHA DONNAN

PROJECT: STABILISATION & RETAINING WALL REPLACEMENT DETAILS PROJECT ADDRESS: 7 COMEROY CRESCENT, FRENCHS FOREST

## UTILITIES

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- ALL BLAIL DE COMPECTIONS REFE TO BE WIN AND NO COMPECTION TO MAY LESS THAN 2 BOCTE BLAICH.

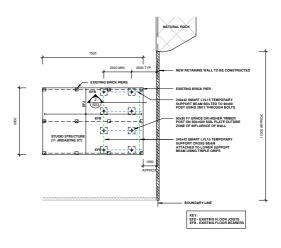
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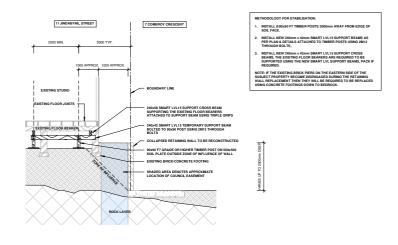
CONSTRUCTION NOTES



B A2

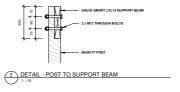
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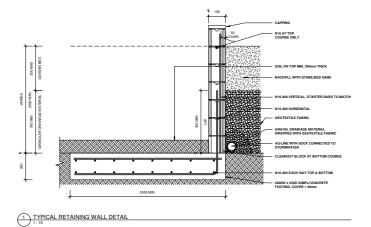
PLAN - TEMPORARY STABILITY OF NEIGHBOURING STUDIO

2 SECTION - TEMPORARY STABILITY
S03 NTS



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					KOGARAH Tel/Fax: (02 Email info@	NSW 2217 ) 9358 2263 Isilverwolfprojects.com.au		STABILISATION & RETAINING WALL REPLACEMENT DETAILS				
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E					DRAWN DESIGNED	M.B M.B	20/07/2020	INSURER: CGU	PROJECT NUMBER SWP 1903202 00.11:15	_
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