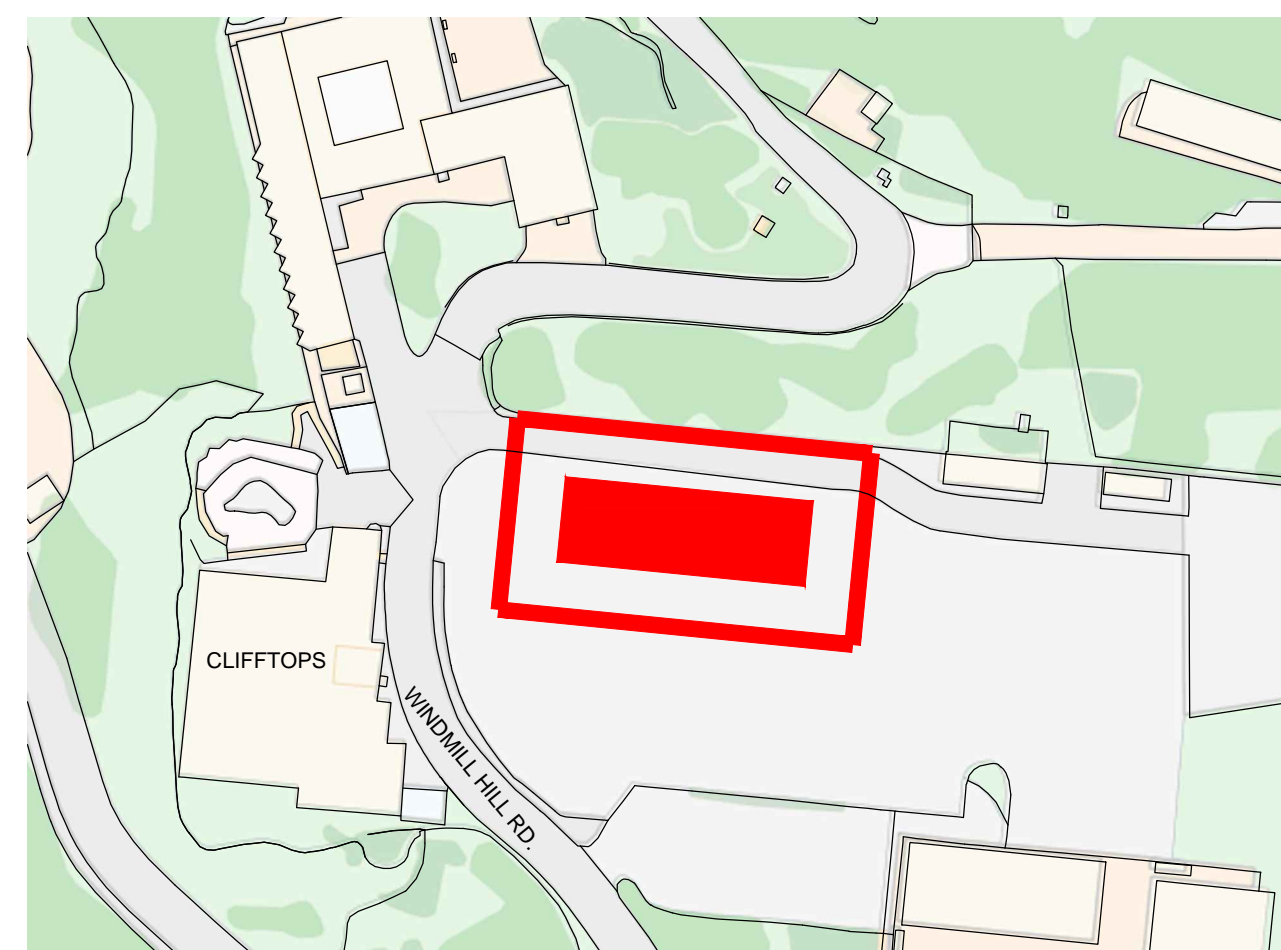


EXISTING ROOF PLAN
SCALE 1:100



LOCATION PLAN
SCALE 1:20000

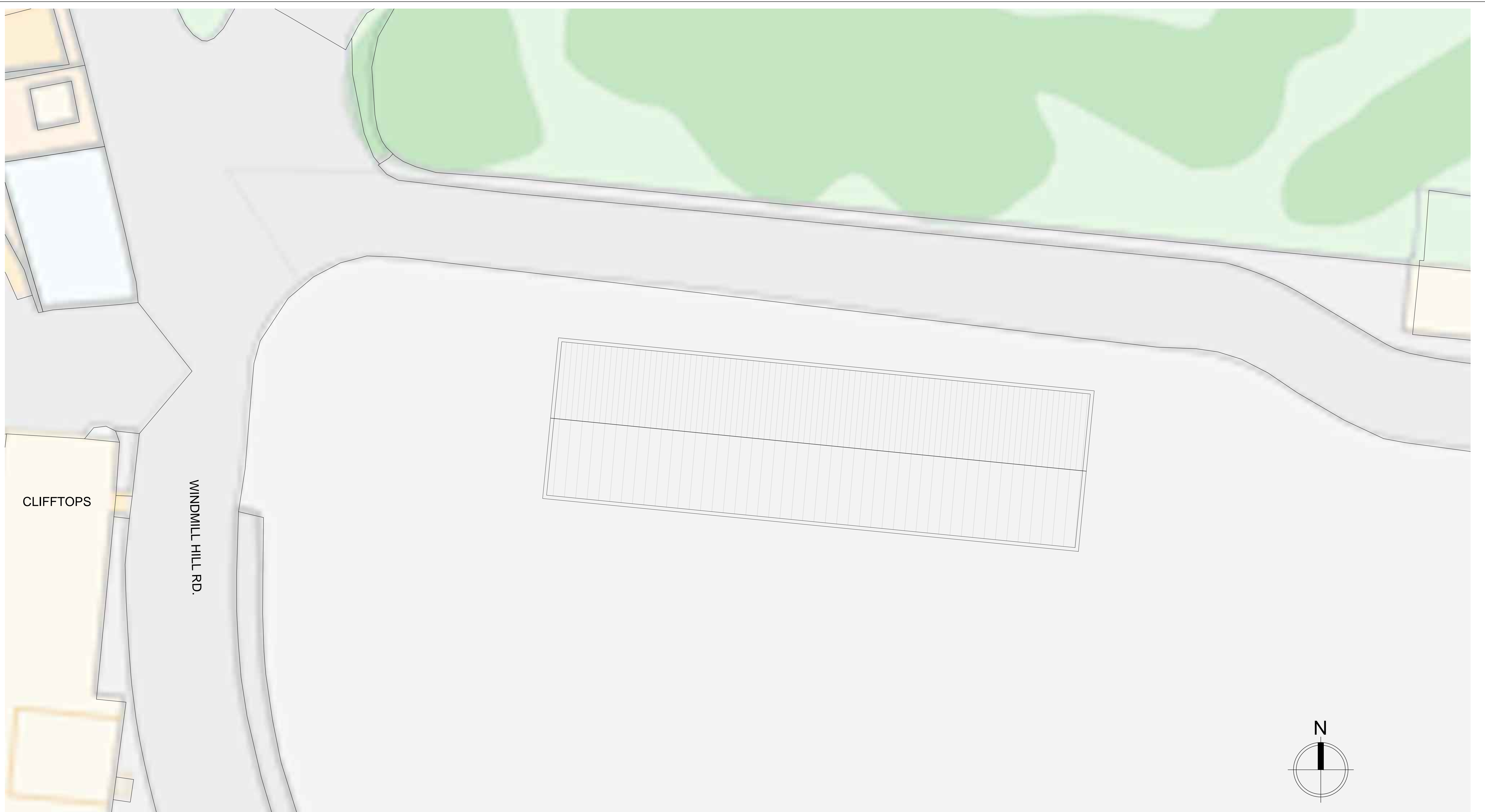


SITE PLAN
SCALE 1:5000

Revision	Description	Date

Project NORTH MOLE RELOCATIONS SACARELLOS		
Title LOCATION PLAN AND SITE PLAN		
Drawn by RMG	Checked -	File NMR2
Drawing Number NMR2/1-001	Revision -	Scale 1:100@A1
		Date 17.08.14



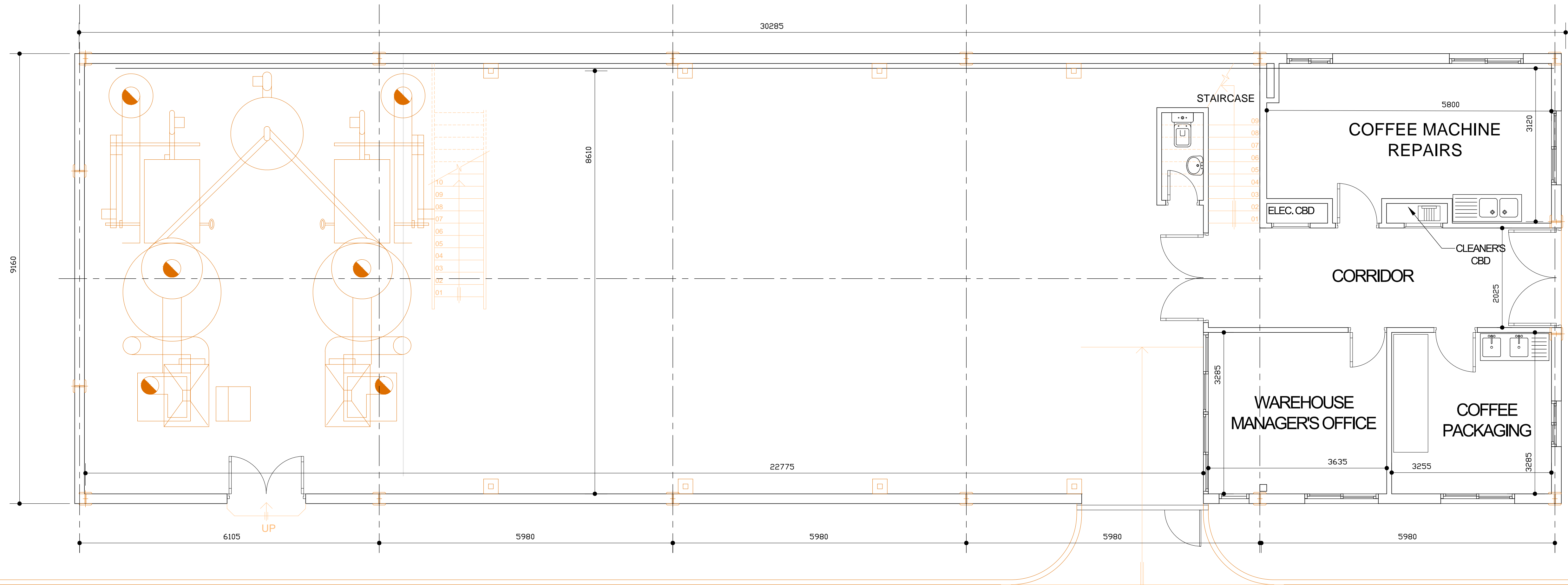


PROPOSED ROOF PLAN
SCALE 1:100

Revision	Description	Date

Project NORTH MOLE RELOCATIONS SACARELLOS		
Title EXISTING ROOF PLAN		
Drawn by RMG	Checked -	File NMR2
Drawing Number NMR2/2-001	Revision -	Scale 1:100@A1
		Date 17.08.14





PROPOSED GROUND FLOOR PLAN

SCALE 1:50

NOTES

GENERAL

ALL MANUFACTURERS AND INSTALLERS TO CONFIRM 25 YEAR WARRANTY IN COASTAL LOCATIONS.

GROUND FLOOR SLAB

A REINFORCED CONCRETE GROUND SLAB (BY SET) WITH A POWER FLOATED FINISH WILL BE PROVIDED TO ALL GROUND FLOOR AREAS WITHIN THE BUILDING.

THE GROUND SLAB IS TO BE CONSTRUCTED ON A 1200 GAUGE P.I.F.A. POLYTHENE DAMP PROOF MEMBRANE LAID ON A LAYER OF HARDCORE WITH A MINIMUM $k = 77 \text{ B}9 \text{ G} 5 \text{ G} \text{ H} \text{ I} \text{ J} \text{ K} \text{ L} \text{ M} \text{ N} \text{ O} \text{ P} \text{ Q} \text{ R} \text{ S} \text{ T} \text{ U} \text{ V} \text{ W} \text{ X} \text{ Y} \text{ Z}$

ROOF

THE EXTERNAL ROOF WILL BE COVERED WITH 0.70MM THICK GALVANISED STEEL COATED WITH COLOURCOAT $\text{C} \text{ D} \text{ E} \text{ F} \text{ G} \text{ H} \text{ I} \text{ J} \text{ K} \text{ L} \text{ M} \text{ N} \text{ O} \text{ P} \text{ Q} \text{ R} \text{ S} \text{ T} \text{ U} \text{ V} \text{ W} \text{ X} \text{ Y} \text{ Z}$ ULTRA FROM TATA STEEL (COLOUR FROM THE STANDARD RANGE) WITH CONFIDEX GUARANTEE. THE EXTERNAL PROFILE IS TO BE A CA BUILDING PRODUCTS TO TRAPEZOIDAL PANEL REFERENCE CA32 1000. THE ROOF CLADDING WILL BE A NON-FRAGILE TWIN $\text{H} \text{ I} \text{ J} \text{ K} \text{ L} \text{ M} \text{ N} \text{ O} \text{ P} \text{ Q} \text{ R} \text{ S} \text{ T} \text{ U} \text{ V} \text{ W} \text{ X} \text{ Y} \text{ Z}$ SYSTEM ASSEMBLY, FIXED IN ACCORDANCE WITH THE RECOMMENDATIONS OF CA BUILDING PRODUCTS. THE SYSTEM INCORPORATES CA BUILDING PRODUCTS CA LT17/1000S LINER PANEL, MINIMUM 180MM NON-COMBUSTIBLE THERMA-QUILT AND ALL RELATED CA COMPONENTS, TO ACHIEVE A DESIGN THERMAL $\text{U} \text{ V} \text{ W} \text{ X} \text{ Y} \text{ Z}$ VALUE OF 0.25 W/M²OC.

STAINLESS STEEL FIXINGS WILL BE USED THROUGHOUT TO PROVIDE A GUARANTEE ON THE INSTALLED SYSTEM OF UP TO 25 YEARS. ALL MANUFACTURERS TO CONFIRM MARINE RESISTANCE TO CORROSION IN EXTREME ENVIRONMENTS. THE INTERNAL LINING PANEL MUST BE SEALED AT THE SIDE LAPS USING 50MM THERMA-FOIL PLUS TAPE. THE INSTALLER IS TO ENSURE THAT THE TAPE IS INSTALLED ACCORDINGLY AS THE WORK PROCEEDS. DETAIL WORK TO RIDGE, EAVES, HIP AND VERGE WILL BE IN ACCORDANCE WITH THE $\text{A} \text{ B} \text{ C} \text{ D} \text{ E} \text{ F} \text{ G} \text{ H} \text{ I} \text{ J} \text{ K} \text{ L} \text{ M} \text{ N} \text{ O} \text{ P} \text{ Q} \text{ R} \text{ S} \text{ T} \text{ U} \text{ V} \text{ W} \text{ X} \text{ Y} \text{ Z}$ RECOMMENDATIONS AND STANDARD APPROVED DESIGN DETAILS.

ROOFLIGHTS

ROOFLIGHTS WILL BE TRIPLE SKINNED, THERMA-LIGHT TESTED TO BSD 4154 AND WILL BE PROVIDED TO APPROXIMATELY 15% OF THE FLOOR AREA, AS DETAILED IN CA BUILDING PRODUCTS INSTRUCTIONS AND ARE TO BE NON-FRAGILE FOR A PERIOD OF 25 YEARS.

ROOF ACCESS

A PERMANENT ROOF ACCESS HATCH, ACCESS LADDER AND HORIZONTAL LIFE LINE SYSTEM WILL BE PROVIDED TO ALLOW SAFE ROOF ACCESS AND MAINTENANCE TO ALL ROOF AREAS, INCLUDING TWO SETS OF HARNESSES AND LANYARDS.

RAINWATER GOODS

THE RAINWATER FROM THE ROOF WILL BE COLLECTED IN 1.5MM THICK PRE-GALVANISED MILD STEEL BOUNDARY WALL AND VALLEY GUTTERS, COMPLETE WITH 1.2MM PVC PRE-LAMINATED MEMBRANE, FROM CA BUILDING PRODUCTS TO ENSURE A MINIMUM 25 YEAR GUARANTEE TO MATCH THE ROOF.

THE ROOF DRAINAGE SYSTEM SHALL BE DESIGNED AND CONSTRUCTED TO COMPLY WITH BS EN12056-3:2000 AND THE FOLLOWING CRITERIA:-
- THE GEOGRAPHICAL COASTAL LOCATION OF THE BUILDING;
- A BUILDING DESIGN LIFE OF 25 YEARS;

WALLS BLOCKWORK UP TO 2.2M

CLIENT TO CONFIRM WHETHER A RENDER FINISH IS REQUIRED. ALL EXTERNAL WALLS ARE DESIGNED TO ACHIEVE A MINIMUM OF 0.30 $\text{K} \text{ W} \text{ M} \text{ }^2 \text{ O} \text{ C}$ VALUE. 90MM PAINT GRADE BLOCK WORK SUCH AS EVALAST PAINT GRADE BLOCKS BY HANSON OR SIMILAR APPROVED > 50MM CLEAR CAVITY > 50MM FOIL-FACED INSULATION FIXED WITH APPROPRIATE RETAINING CLIPS > 90MM PAINT GRADE BLOCK WORK SUCH AS EVALAST PAINT GRADE BLOCKS BY HANSON OR SIMILAR APPROVED.

WALLS - VERTICAL CLADDING ABOVE 2.2M

THE VERTICAL SHOWN ON THE ELEVATION DRAWING WILL BE $\text{H} \text{ I} \text{ J} \text{ K} \text{ L} \text{ M} \text{ N} \text{ O} \text{ P} \text{ Q} \text{ R} \text{ S} \text{ T} \text{ U} \text{ V} \text{ W} \text{ X} \text{ Y} \text{ Z}$ FROM CA BUILDING PRODUCTS, INCORPORATING EITHER THE CA32 1000W AND/OR CA45 1000W AND/OR CA SINU 19 988 PROFILES FINISHED IN COLORCOAT $\text{I} \text{ F} \text{ G} \text{ A} 5$ ON SUBSTRATE TO BS EN 10326:2004 GRADE S220GD + ZA265. INSULATED TO GIVE A DESIGNATED $\text{U} \text{ V} \text{ W} \text{ X} \text{ Y} \text{ Z}$ VALUE OF 0.30W/M²OC USING THERMA-QUILT 120MM THICK NON-COMBUSTIBLE INSULATION WITH THERMA-BARS AND CA BUILDING PRODUCTS CA LT 17/1000S LINER PANEL WITHIN THE CA BUILDING PRODUCTS $\text{H} \text{ I} \text{ J} \text{ K} \text{ L} \text{ M} \text{ N} \text{ O} \text{ P} \text{ Q} \text{ R} \text{ S} \text{ T} \text{ U} \text{ V} \text{ W} \text{ X} \text{ Y} \text{ Z}$.

STAINLESS STEEL FIXINGS WILL BE USED THROUGHOUT TO PROVIDE A GUARANTEE ON THE INSTALLED SYSTEM OF UP TO 25 YEARS.

WHERE REQUIRED, UNDER THE BUILDING REGULATIONS, TO PROVIDE FIRE PROTECTION TO AN EXTERNAL WALL, THEN THE NON-COMPOSITE CONSTRUCTION WILL BE UPGRADED TO A FIREWALL STATUS AS REQUIRED BY TWIN-THERM $\text{G} \text{ A} 2 \text{ A}$.

THE INTERNAL LINING TO ANY CLADDING IS TO BE CLASS $\text{K} \text{ E} \text{ R} \text{ A} \text{ T} \text{ I} \text{ N} \text{ G}$ FOR SURFACE SPREAD OF FLAME, AS TESTED TO BS 476: PART 7.

INTERNAL LINING MATERIAL TO BE 0.6MM THICK AND MUST ONLY BE MANUFACTURED FROM CORUS MATERIAL.

THE EXTERNAL SHEET SHALL BE EITHER 0.6MM OR 0.7MM (DEPENDENT UPON PROFILE) COLOURCOAT HPS200ULTRA FROM TATA STEEL - COLOUR TBA.

LEVEL ACCESS DOORS

THE EXTERNAL LEVEL ACCESS DOORS INDICATED ON THE DRAWINGS WILL BE MANUFACTURED BY STERIL-STOKVIS REFERENCE THERMADOOR MODEL. THE DOORS WILL BE OF COMPOSITE CONSTRUCTION COMPRISING GALVANISED STEEL INNER OUTER FACES WITH DOOR PANELS FILLED WITH POLYURETHANE FOAM $\text{B} \text{ Q} \text{ C} \text{ H} \text{ C} \text{ B} \text{ H} \text{ C} \text{ 57} \text{ C} \text{ 4195B} \text{ C} \text{ H} \text{ A1} \text{ A} \text{ I} \text{ J} \text{ 5} \text{ 9} \text{ C} \text{ S} \text{ (} \text{K} \text{ A} \text{ 8} \text{)} \text{ S} \text{ U} \text{ R} \text{ F} \text{ A} \text{ C} \text{ E}$ FINISH TO THE EXTERNAL FACE OF THE DOORS WILL BE POLYESTER COLOUR FROM STANDARD RANGE OF COLOURS - COLOUR TBA.

ALL DRAWINGS PENDING CONSULTATIONS WITH LOCAL AUTHORITY, FIRE OFFICE, OCCUPIERS AND CLIENT.

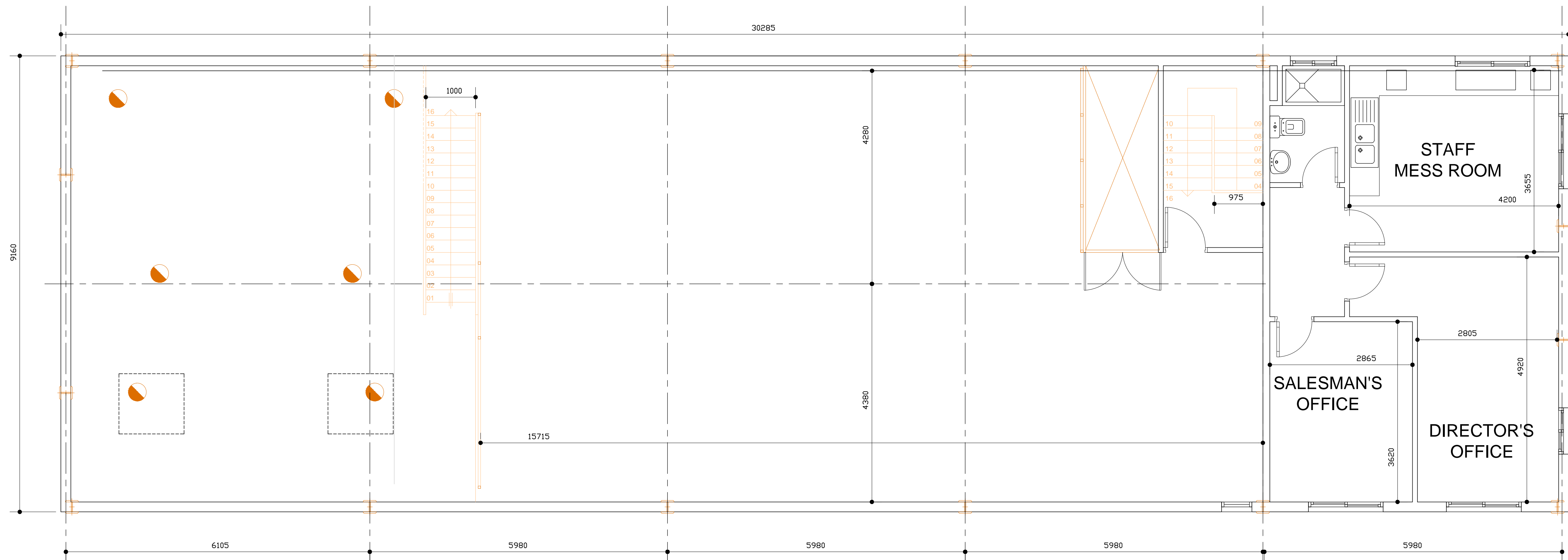
Revision	Description	Date

Project
NORTH MOLE RELOCATIONS SACARELLOS

Title
PROPOSED GROUND FLOOR PLAN

Drawn by RMG	Checked -	File NMR2
Drawing Number NMR2/2-002	Revision -	Scale 1:50@A1
		Date 17.08.14





PROPOSED FIRST FLOOR PLAN

SCALE 1:50

NOTES

GENERAL

ALL MANUFACTURERS AND INSTALLERS TO CONFIRM 25 YEAR WARRANTY IN COASTAL LOCATIONS.

GROUND FLOOR SLAB

A REINFORCED CONCRETE GROUND SLAB (BY SET) WITH A POWER FLOATED FINISH WILL BE PROVIDED TO ALL GROUND FLOOR AREAS WITHIN THE BUILDING.

THE GROUND SLAB IS TO BE CONSTRUCTED ON A 1200 GAUGE P.I.F.A. POLYTHENE DAMP PROOF MEMBRANE LAID ON A LAYER OF HARDCORE WITH A MINIMUM H-77B9CG5G QH1 @5108 CB H-9 9B; -B99FQ8F5K -B; G

ROOF

THE EXTERNAL ROOF WILL BE COVERED WITH 0.70MM THICK GALVANISED STEEL COATED WITH COLOURCOAT CD88S[®] ULTRA FROM TATA STEEL (COLOUR FROM THE STANDARD RANGE) WITH CONFIDEX GUARANTEE. THE EXTERNAL PROFILE IS TO BE A CA BUILDING PRODUCTS TRAPEZOIDAL PANEL REFERENCE CA32 1000. THE ROOF CLADDING WILL BE A NON-FRAGILE TWIN H-9FA¹ SYSTEM ASSEMBLY, FIXED IN ACCORDANCE WITH THE RECOMMENDATIONS OF CA BUILDING PRODUCTS. THE SYSTEM INCORPORATES CA BUILDING PRODUCTS CA LT17/1000S LINER PANEL. MINIMUM 180MM NON-COMBUSTIBLE THERMA-QUILT AND ALL RELATED CA COMPONENTS, TO ACHIEVE A DESIGNED THERMAL U VALUE OF 0.25 W/M2OC. STAINLESS STEEL FIXINGS WILL BE USED THROUGHOUT TO PROVIDE A GUARANTEE ON THE INSTALLED SYSTEM OF UP TO 25 YEARS.

ALL MANUFACTURERS TO CONFIRM MARINE RESISTANCE TO CORROSION IN EXTREME ENVIRONMENTS. THE INTERNAL LINING PANEL MUST BE SEALED AT THE SIDE LAPS USING 50MM THERMA-FOIL PLUS TAPE. THE INSTALLER IS TO ENSURE THAT THE TAPE IS INSTALLED ACCORDINGLY AS THE WORK PROCEEDS. DETAIL WORK TO RIDGE, EAVES, HIP AND VERGE WILL BE IN ACCORDANCE WITH THE ASB1: 5711 F9F00 RECOMMENDATIONS AND STANDARD APPROVED DESIGN DETAILS.

ROOFLIGHTS

ROOFLIGHTS WILL BE TRIPLE SKINNED, THERMA-LIGHT TESTED TO BSD 4154 AND WILL BE PROVIDED TO ALLOW SAVE ROOF ACCESS AND MAINTENANCE TO ALL ROOF AREAS, INCLUDING TWO SETS OF HARNESSES AND LANYARDS.

ROOF ACCESS

A PERMANENT ROOF ACCESS HATCH, ACCESS LADDER AND HORIZONTAL LIFE LINE SYSTEM WILL BE PROVIDED TO ALLOW SAVE ROOF ACCESS AND MAINTENANCE TO ALL ROOF AREAS, INCLUDING TWO SETS OF HARNESSES AND LANYARDS.

RAINWATER GOODS

THE RAINWATER FROM THE ROOF WILL BE COLLECTED IN 1.5MM THICK PRE-GALVANISED MILD STEEL BOUNDARY WALL AND VALLEY GUTTERS, COMPLETE WITH 1.2MM PVC PRE-LAMINATED MEMBRANE, FROM CA BUILDING PRODUCTS TO ENSURE A MINIMUM 25 YEAR GUARANTEE TO MATCH THE ROOF.

THE ROOF DRAINAGE SYSTEM SHALL BE DESIGNED AND CONSTRUCTED TO COMPLY WITH BS EN12056-3:2000 AND THE FOLLOWING CRITERIA:-
 - THE GEOGRAPHICAL COASTAL LOCATION OF THE BUILDING;
 - A BUILDING DESIGN LIFE OF 25 YEARS;

WALLS BLOCKWORK UP TO 2.2M

CLIENT TO CONFIRM WHETHER A RENDER FINISH IS REQUIRED.
 ALL EXTERNAL WALLS ARE DESIGNED TO ACHIEVE A MINIMUM OF 0.30 K #A K I I VALUE. 90MM PAINT GRADE BLOCK WORK SUCH AS EVALAST PAINT GRADE BLOCKS BY HANSON OR SIMILAR APPROVED > 50MM CLEAR CAVITY > 50MM FOIL-FACED INSULATION FIXED WITH APPROPRIATE RETAINING CLIPS > 90MM PAINT GRADE BLOCK WORK SUCH AS EVALAST PAINT GRADE BLOCKS BY HANSON OR SIMILAR APPROVED.

WALLS - VERTICAL CLADDING ABOVE 2.2M

THE VERTICAL SHOWN ON THE ELEVATION DRAWING WILL BE H-81H-9FA¹ FROM CA BUILDING PRODUCTS, INCORPORATING EITHER THE CA32 1000W AND/OR CA45 1000W AND/OR CA SINU 19 988 PROFILES FINISHED IN COLORCOAT DF-CA5[®] ON SUBSTRATE TO BS EN 10326:2004 GRADE S220GD + ZA265. INSULATED TO GIVE A DESIGNATED U VALUE OF 0.30W/M2OC USING THERMA-QUILT 120MM THICK NON-COMBUSTIBLE INSULATION WITH THERMA-BARS AND CA BUILDING PRODUCTS CA LT 17/1000S LINER PANEL WITHIN THE CA BUILDING PRODUCTS H-81H-9FA¹ GCFDA¹. STAINLESS STEEL FIXINGS WILL BE USED THROUGHOUT TO PROVIDE A GUARANTEE ON THE INSTALLED SYSTEM OF UP TO 25 YEARS.

WHERE REQUIRED, UNDER THE BUILDING REGULATIONS, TO PROVIDE FIRE PROTECTION TO AN EXTERNAL WALL, THEN THE NON-COMPOSITE CONSTRUCTION WILL BE UPGRADED TO A FIREWALL STATUS AS REQUIRED BY TWIN-THERM GCFDA¹. THE INTERNAL LINING TO ANY CLADDING IS TO BE CLASS K¹ERATING FOR SURFACE SPREAD OF FLAME, AS TESTED TO BS 476: PART 7. INTERNAL LINING MATERIAL TO BE 0.6MM THICK AND MUST ONLY BE MANUFACTURED FROM CORUS MATERIAL. THE EXTERNAL SHEET SHALL BE EITHER 0.6MM OR 0.7MM (DEPENDENT UPON PROFILE) COLOURCOAT HPS200ULTRA FROM TATA STEEL - COLOUR TBA.

LEVEL ACCESS DOORS

THE EXTERNAL LEVEL ACCESS DOORS INDICATED ON THE DRAWINGS WILL BE MANUFACTURED BY STERIL-STOKVIS REFERENCE THERMADOOR MODEL. THE DOORS WILL BE OF COMPOSITE CONSTRUCTION COMPRISING GALVANISED STEEL INNER OUTER FACES WITH DOOR PANELS FILLED WITH POLYURETHANE FOAM -BQ @6HCB H¹ 57<-@195B CD+AI A I I J 5@ 9 C: S(K #A&2" SURFACE FINISH TO THE EXTERNAL FACE OF THE DOORS WILL BE POLYESTER COLOUR FROM STANDARD RANGE OF COLOURS - COLOUR TBA.

ALL DRAWINGS PENDING CONSULTATIONS WITH LOCAL AUTHORITY, FIRE OFFICE, OCCUPIERS AND CLIENT.

Revision	Description	Date

Project
NORTH MOLE RELOCATIONS SACARELLOS

Title
PROPOSED FIRST FLOOR PLAN

Drawn by RMG	Checked -	File NMR2
Drawing Number NMR2/2-003	Revision -	Scale 1:50@A1
	Date 17.08.14	



3D VISUAL 1



3D VISUAL 2



Project		
NORTH MOLE RELOCATIONS SACARELLOS		
Title		
PROPOSED 3D VISUALS		

Drawn by	Checked	File
RMG	-	NMR2
Drawing Number	Revision	Scale
NMR2/2-004	-	1:100@A1
		Date
		17.08.14

