

Camp Bay Toilet Layout
As Existing
Scale 1:20

- Existing manhole to be removed.
- Ends of pipes to be exposed and joined with a suitable pipe size to match and backfilled with bedding sand.
- Disturbed floor to be finished with 50mm c/s screed and floor finish to match existing.

TOWN PLANNING AND
BUILDING CONTROL
06 JUN 2013
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- GENERAL NOTES:**
1. CONCRETE TO BE GRADE 35/50 DESIGN MIX FOR ORDINARY STRUCTURAL CONCRETE IN ACCORDANCE WITH B.S. 8110:1985
 2. CONCRETE TO BE MECHANICALLY VIBRATED.
 3. ALL CONCRETE SURFACE TO BE FREE FROM HOLES, HONEYCOMBS AND OTHER BLEMISHES.
 4. CONCRETE COVER TO ALL REINFORCEMENT TO BE AS SHOWN UNLESS OTHERWISE STATED.
 5. POSITION OF CONSTRUCTION JOINTS TO BE AGREED WITH THE ENGINEER ON SITE.
 6. ALL REINFORCED CONCRETE STRUCTURAL MEMBERS TO BE ADEQUATELY CURED AND PROTECTED.
 7. THE ENGINEER RESERVES RIGHT TO REQUIRE ANY CONCRETE THAT DOES NOT COMPLY WITH THE REQUIREMENTS OF THE SPECIFICATION TO BE ENTIRELY DEMOLISHED AND RE-CONSTRUCTED AT THE CONTRACTOR'S EXPENSE.
 8. MAIN REINFORCEMENT TO BE COLD WORKED TYPE 25MM COMPLYING WITH B.S. 4449:1986 AND IN ACCORDANCE WITH B.S. 4449:1986.
 9. FABRIC MESH REINFORCEMENT SHEETS TO COMPLY WITH B.S. 4449:1986 AND TO BE CUT ON SITE.
 10. MINIMUM LAP BETWEEN FABRIC MESH REINFORCEMENT SHEETS TO BE 300MM.
 11. WALL CORE TO BE 150MM MINIMUM THICKNESS TO BE WELL COMPACTED FOR MAXIMUM CONSOLIDATION.
 12. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THE STABILITY OF THE SITE AND WORKS, INCLUDING ADJACENT SITES AND WORKS, AND ALL SERVICES THROUGHOUT THE CONSTRUCTION.
 13. ALL THE EXCAVATIONS AND THE SURROUNDING SITE TO BE KEPT FREE OF WATER.
 14. THE GROUND BELOW ALL FOUNDATIONS TO BE BLENDED WITH 100MM THICK LAYER OF CONCRETE AND FOUNDATIONS TO BE CAST WITHOUT DELAY FOLLOWING EXCAVATION TO FOUNDATION LEVELS AND APPROVAL OF THE RESIDENTIAL ENGINEER.
 15. THE DESIGN OF THE FOUNDATIONS IS BASED ON THE ASSUMPTION THAT THE SOIL AT FORMATION LEVEL CAN SAFELY SUSTAIN THE AVERAGE PRESSURE OF 200KPa. ANY POCKETS OF WEAKER SOIL FOUND AT THIS LEVEL SHALL BE EXCAVATED AND THE LEVELS UP WITH MASS CONCRETE.
 16. THE ENGINEER'S APPROVAL MUST BE OBTAINED PRIOR TO ALTERING THE FOUNDATION LEVELS SHOWN ON THE DRAWINGS.
 17. FILL MATERIAL TO BE DEPOSITED IN LAYERS 200MM THICK AND TO BE WELL COMPACTED FOR MAXIMUM CONSOLIDATION.
- STEEL WORK:
18. ALL WELDS TO BE CONTINUOUS UNLESS OTHERWISE STATED.
 19. THE CONTRACTOR IS RESPONSIBLE FOR THE CORRECT SETTING OUT OF THE WORKS ON SITE AND ALSO FOR REFERRING ANY CONFLICTING DISCREPANCIES TO THE S.O. PRIOR TO ANY ACTION BEING TAKEN.
 20. THE CONTRACTOR IS RESPONSIBLE FOR THE STABILITY OF THE BUILDING DURING THE CONSTRUCTION PERIOD.
 21. ALL STRUCTURAL STEEL TO BE GRADE 430B.S. 4263.
 22. ALL DIMENSIONS MUST BE CHECKED ON SITE AND NOT TOLKED FROM THE DRAWINGS.
 23. FIRE EXITS TO BE SHOWN PART 4.

Rev.	Drawn	Checked	Date	Description
	N.XERRI	J.Baldachino		

H.M. Government of Gibraltar
Technical Services Department
Joshua Hassan House
Secretary's Lane
Gibraltar

Job Title
Camp Bay Disabled Toilet Room Layouts

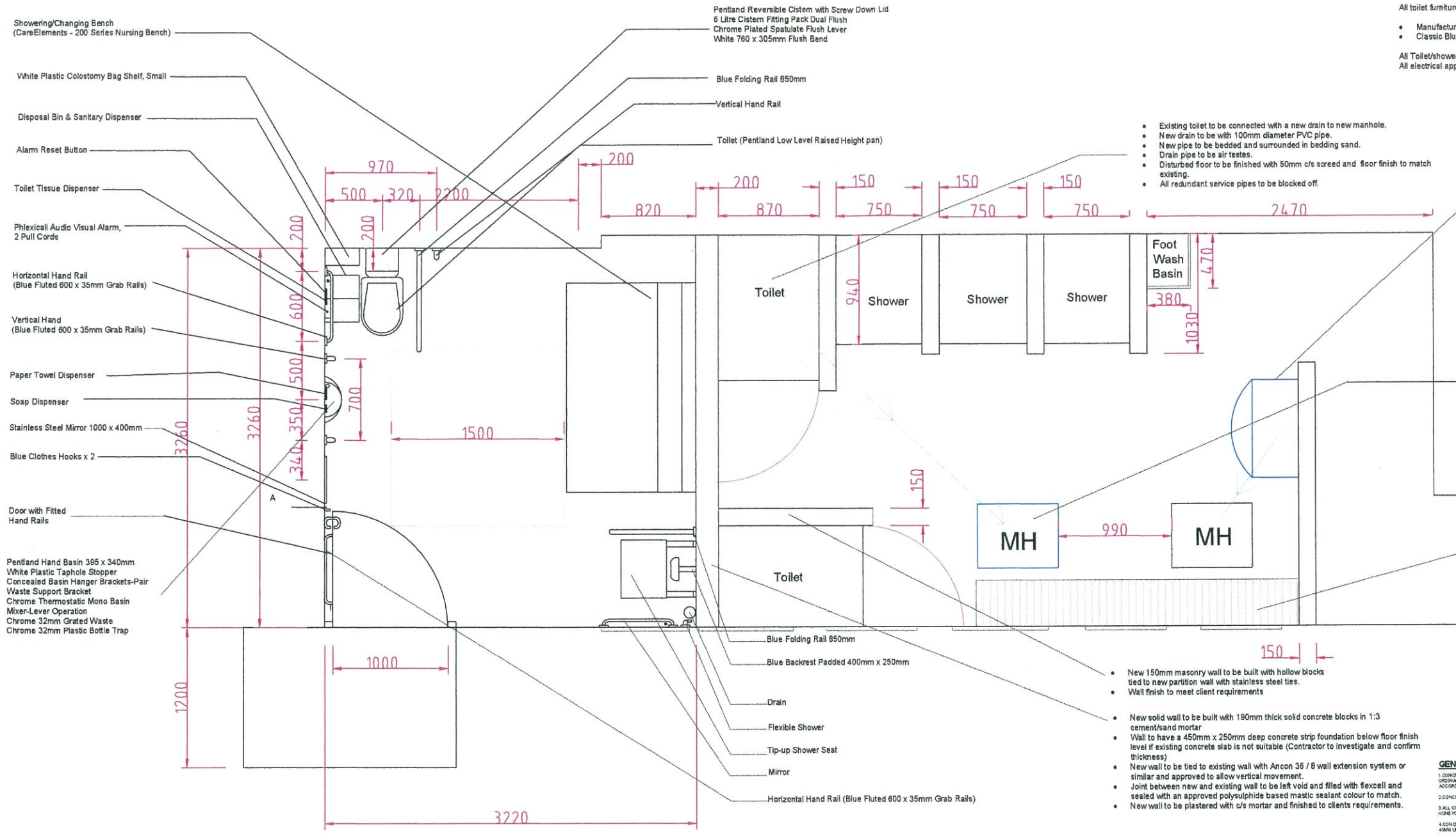
Drawing Title
Toilet Layout As Existing

Date
13-03-13

Scale (at A1)
As Shown

Drg. No.
88/119

Rev.



Note
 All toilet furniture specified in this layout is to coincide with:
 • Manufacturer = N & C Phlexicare (Independent Living Solutions)
 • Classic Blue M-Pack - Low Level
 All Toilet/showering facilities to be installed by a qualified/competent plumber.
 All electrical appliances to be installed by qualified/competent electrician and to IEE Wiring Regulations 17.

- Existing toilet to be connected with a new drain to new manhole.
- New drain to be with 100mm diameter PVC pipe.
- New pipe to be bedded and surrounded in bedding sand.
- Drain pipe to be air tested.
- Disturbed floor to be finished with 50mm c/s screed and floor finish to match existing.
- All redundant service pipes to be blocked off.

- New wash hand basin to clients requirements to be tied against the wall.
- Basin to be complete with plug and waste and push taps, all to clients approval.
- Wash pipe to be surface mounted with trap and connected to existing manhole as

- Existing drain to be interrupted and new manhole to be formed. Manhole to have minimum internal dimensions (750 x 750mm) and be constructed with class B engineering bricks in English bond on a 150mm thick base slab with A142 mesh.
- Inside joints of wall to be pointed.
- Channel to have 1:6 fall benching.
- Manhole to have a PVC or Carbon Fibre recessed with double sealed cover and frame.
- All disturbed area to be made good with floor finish to match existing.

- New 150mm masonry wall to be built with hollow blocks tied to new partition wall with stainless steel ties.
- Wall finish to meet client requirements.
- New solid wall to be built with 190mm thick solid concrete blocks in 1:3 cement/sand mortar.
- Wall to have a 450mm x 250mm deep concrete strip foundation below floor finish level if existing concrete slab is not suitable (Contractor to investigate and confirm thickness).
- New wall to be tied to existing wall with Ancon 36 / 8 wall extension system or similar and approved to allow vertical movement.
- Joint between new and existing wall to be left void and filled with flexcell and sealed with an approved polysulphide based mastic sealant colour to match.
- New wall to be plastered with c/s mortar and finished to clients requirements.



**Camp Bay Toilet Layout
 As Proposed
 Scale 1:20**

GENERAL NOTES:
 1. CONCRETE TO BE GRADE C25 UNLESS OTHERWISE STATED.
 2. CONCRETE TO BE MECHANICALLY COMPACTED.
 3. ALL CONCRETE SURFACE TO FREE FROM HOLES, HONEYCOMBS AND OTHER DEFECTS.
 4. CONCRETE COVER TO ALL REINFORCEMENT TO BE 40MM UNLESS OTHERWISE STATED.
 5. POSITION OF CONSTRUCTION JOINTS TO BE AGREED WITH THE ENGINEER ON SITE.
 6. ALL REINFORCED CONCRETE STRUCTURAL MEMBERS TO BE ADEQUATELY CURED AND PROTECTED.
 7. THE ENGINEER RESERVES THE RIGHT TO REQUIRE ANY CONCRETE THAT DOES NOT COMPLY WITH THE REQUIREMENTS OF THE SPECIFICATION TO BE ENTIRELY DEMOLISHED AND RE-CONSTRUCTED AT THE CONTRACTOR'S EXPENSE.
 8. MAIN REINFORCEMENT TO BE COLD WORKED TYPE 3 BARS COMPLIANT WITH BS 4449 AND TO BE SET IN ACCORDANCE WITH BS 4449:1998.
 9. FABRIC MESH REINFORCEMENT SHEETS TO COMPLY WITH BS 4449:1998 AND TO BE CUT ON SITE.
 10. MINIMUM LAPS BETWEEN FABRIC MESH REINFORCEMENT SHEETS TO BE 300mm.
 11. HARD CORE TO BE 150mm MIN THICKNESS & TO BE WELL COMPACTED FOR MAXIMUM CONSOLIDATION.
 12. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THE STABILITY OF THE SITE AND WORKS, INCLUDING ADJOINING SITES AND HOLES, AND ALL SERVICES THROUGHOUT THE CONSTRUCTION.
 13. ALL THE EXCAVATING AND THE SURROUNDING SITE TO BE KEPT FREE OF WATER.
 14. THE GROUND BELOW R.C. FOUNDATIONS TO BE BLENDED WITH SOME THICK LAYER OF CONCRETE AND FOLLOWS TO BE SET WITHOUT DELAY FOLLOWING EXCAVATION TO FORMATION LEVELS AND APPROVAL OF THE RELEVANT STATUTE.
 15. THE DESIGN OF THE FOUNDATIONS IS BASED ON THE ASSUMPTION THAT THE SOIL AT FORMATION LEVEL CAN EARLYLY SUSTAIN A BEARING CAPACITY OF 200kN/m² OF VERTICAL SOIL FOUND AT THIS LEVEL. SHALL BE EXCAVATED AND THE LEVELS UP WITH MASS CONCRETE.
 16. THE ENGINEER'S APPROVAL MUST BE OBTAINED PRIOR TO ALTERING THE FORMATION LEVELS SHOWN ON THE DRAWINGS.
 17. FILL MATERIAL TO BE DEPOSITED IN LAYERS 200mm THICK AND TO BE WELL COMPACTED FOR MAXIMUM CONSOLIDATION.
 STEEL WORK:
 18. ALL WELDS TO BE CONTINUOUS UNLESS OTHERWISE STATED.
 19. THE CONTRACTOR IS RESPONSIBLE FOR THE CORRECT SETTING OUT OF THE WORKS ON SITE AND ALL WORKS TO BE PROTECTED FROM DAMAGE, DISCREPANCIES TO THE S.C. PRIOR TO ANY ACTION BEING TAKEN.
 20. THE CONTRACTOR IS RESPONSIBLE FOR THE STABILITY OF THE BUILDING DURING THE CONSTRUCTION PERIOD.
 21. ALL STRUCTURAL STEEL TO BE GRADE S460.
 22. ALL DIMENSIONS MUST BE CHECKED ON SITE AND NOT SCALED FROM THE DRAWINGS.
 23. FIRE EXIT SIGN TO BE S460 PART 4.

Rev.	Drawn	Checked	Date	Description
	N.XERRI	J.Baldachino	13-03-13	

H.M. Government of Gibraltar
 Technical Services Department
 Joshua Hassan House
 Secretary's Lane
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Job Title
 Camp Bay Proposed Disabled Toilet Room Layouts

Drawing Title
 Toilet Layout As Proposed

Scale (at A1)
 As Shown

Dr. No. 88/120 **Rev.**

CONCRETE
 All concrete to be grade C25 unless otherwise stated to comply with BS 1188.
 Cement to be Ordinary Portland Cement unless otherwise stated.
REINFORCEMENT
 Reinforcement to be cut and bent to BS 8886.
 All reinforcement to be high yield deformed type 3 to BS 4449 and have a characteristic strength of 420N/mm² unless otherwise stated.
 All steel to be 300mm min unless otherwise stated.
WALLS
 All structural masonry to comply with BS 5628.
 All structural masonry walls to have a min compressive strength of 150N/mm² and set in mortar designation (S) unless otherwise stated.