

TMO/247/0134/1

MINUTES OF INSPECTION

PROJECT Moses Kotane Self-Reliance Centre, Viana, Angola

DATE 21st July 1987

PARTICIPANTS

Ynve Sohlström, Makrotalo Oy; Markku Vesikko, Finnsolidarity; Frank Mosenya, ANC Treasurer Generals Office; Thembi Majola, ANC Technical Department; Masilo Mokgseng, ANC Construction Unit Leader; Fannie Jacobs, ANC Construction Unit; Ben Rattle, Acting ANC Project Officer in Angola.

PURPOSE OF INSPECTION

To inspect the delivery and erection of two Semi-detached Houses, two Dormitories, a Classroom and a Abulution block of Viana Construction Project, Phase two.  
To draft a Certificate of Completion of Erection of mentioned buildings for Makrotalo.

INSPECTION

All buildings were inspected by studying their present condition. Markku Vesikko explained problems met during the work and measures taken to solve them.  
A list of observations were compiled with evaluation and proposed actions (see below).  
Makrotalo and Finnsolidarity were remarked on different items for correction or other measures to be taken.

EVALUATION

Quality of work carried out is better than in the first phase. This is obviously because of experience gained and improved material and technical solutions. There has been an exchange of manpower in construction and an occational lack of it. Part of the work hasn't been properly implimented and this has mostly been in the finishing works. Hence there is still some work and finishing off work which can be done in a short period of time.

The missing material will impede ANC from using a complete Dormitory block and part of the other, this material consists of louvre window glasses and mosquito or gauze wire. The Abulution block too can't be fully utilized because of some missing sewerage pipes for the hand washing basins. But as soon as all above mentioned materials have been received, fitting them and having the buildings fully operational won't



take much time.

Shortages of materials were replaced by Makrotalo during erection. Some faults in delivery were repaired or replaced by other materials which were agreed between Fisol and Makrotalo. These changes are acceptable and Makrotalo no longer has any responsibility concerning them.

The main fault of delivery is the painting of external wall element which is hatching. Presently 97 elements have been affected but it is expected that more elements will be damaged. Therefore Makrotalo is to study the matter and take the necessary action to correct this fault.

In conclusion, the delivery and construction is acceptable and the buildings are serviceable.

#### OBSERVATIONS DETAILED

OBSERVATION	EVALUATION	PROPOSED ACTION
<u>GENERAL IN ALL BUILDINGS</u>		
Painting of elements, outside surface hatching, 97 elements	Fault in painting	Makrotalo notified
Foundations not level and not finished proper	Poor instructions and implimentation	No action
Sealing between wall elements outside not proper finished	- , , -	To be retouched
Ceiling elements slightly damaged (15 %)	During erection work when supporting	To be repainted
Cover of centre beam (ceiling) no properly finished		Rectified where possible
Galvanising of burglar bars oxidising	Poor covering	Makrotalo notified
Curtain rail clips and stoppers not fitted	To avoid disappearing before occupying	To be fitted later
External door locks not proper fitted (repaired during erection)	Delivery mistake	No action
<u>CLASSROOM</u>		
Sealing rubber at one spot not proper fitted		To be retouched
1 wall element damaged after erection		To be fixed as well as possible
Gutter missing, front upper roof of verandah	Measuring mistake when erecting, does not affect the structure	No action



OBSERVATION	EVALUATION	PROPOSED ACTION
Curtains not fitted	To avoid disappearing before using the bldg	To be fitted later
Locks of storerooms not fitted	Kept in store	To be fitted later
Fixing of one ceiling element not proper done		To be fixed
<u>DORMITORY 1</u>		
1 corner not proper finished		To be finished
El. supply cable not proper fitted		To be fitted
Verandah beam behind commonroom not painted		To be painted
3 bulbs missing	Fitted but disappeared	To be fitted
1 distribution box cover missing		To be fitted
1 door damaged during erection		To be fixed well as possible
Mosquito net missing, 9 windows		Fisol notified
<u>DORMITORY 2</u>		
40 pcs window glasses missing		Fisol notified
Mosquito net missing, all windows		Fisol notified
3 wall elements damaged	Reason not known	To be touched
1 door damaged	Reason not known	To be touched
2 gable boards not painted		To be painted
1 bulb not lighting		To be repaired
Locks of storerooms not fitted	Kept in store	To be fitted
Covering buttons of internal doors missing		To be fitted
3 wall sockets not proper fitted		To be fitted
1 bulb covering missing	Fitted but disappeared	To be fitted
<u>SEMI-DETACHED HOUSE 1</u>		
1 refrigerator missing	Delivered but used by Fisol	Fisol notified
Window glasses partly not adjusted		To be adjusted



OBSERVATION	EVALUATION	PROPOSED ACTION
<u>SEMI-DETACHED HOUSE 2</u>		
1 partition wall not erected	Agreed during erection with ANC-Chief Rep	
1 airconditioner fixed to replace a door, door in store	- , , -	
1 airconditioner fixed to replace storeroom window	Done by person occupying the house	
<u>ABULUTION</u>		
Light bulbs not fitted	To avoid disappearing	To be fitted later
Soap dispensers not fitted	- , , -	- , , -
Mirrors not fitted	- , , -	- , , -
Sewerage piping of handwashing basins not complete	Parts partly used for maintenance	Fisol notified, to be completed
Finishing of floor drains not proper done		To be touched
Gable board not painted inside		To be painted
1 tap not proper fitted		To be fitted
Covering strips and buttons of 6 doors missing		To be fitted
Proper fixing screws of overflow pipe	Wrong delivery	Makrotalo notified

#### REMARK TO MAKROTALO

Makrotalo was notified on following:

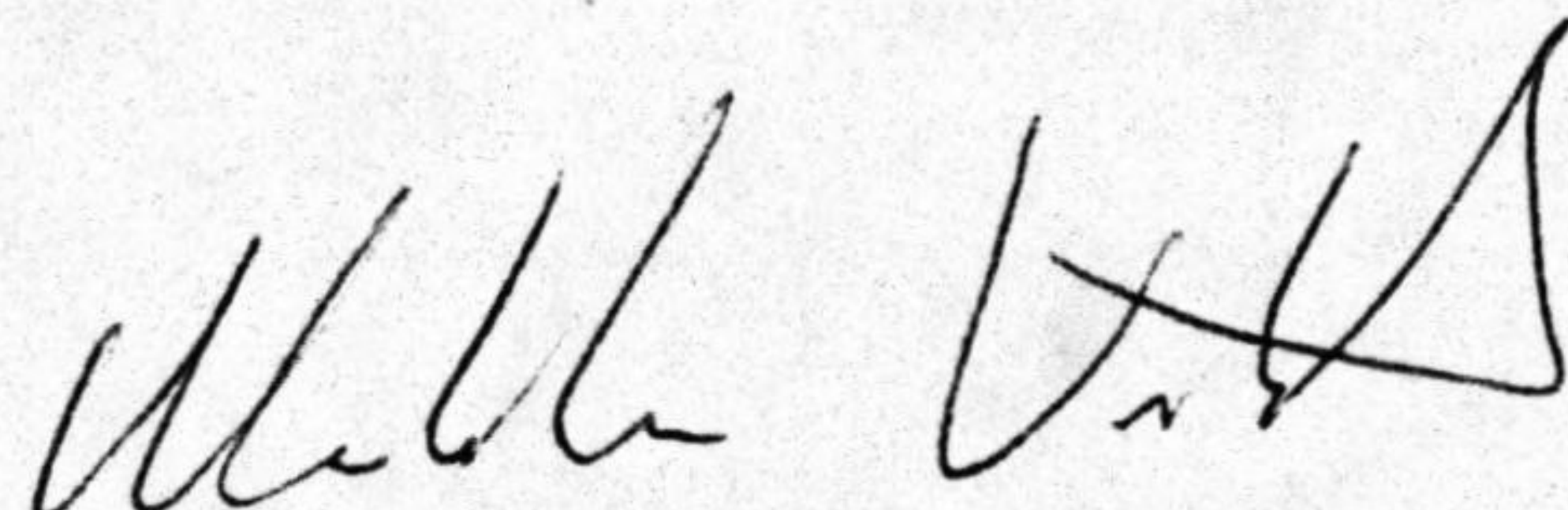
1. Painting of 97 wall elements hatching. Makrotalo will study the cause of fault and take necessary measures to replace or cover the fault by sending needed material.
2. Fixing screws of overflow pipe of hand washing basins are the wrong size 4mm, 5mm screws will be immediately delivered. Temporary fixing is done by using aluminium screws which might affect the basins.
3. Burglar bars oxidising, rusting. Makrotalo was given one bar for studying the fault. Necessary measures will be taken by Makrotalo to replace the material or sending needed material to cover the fault.



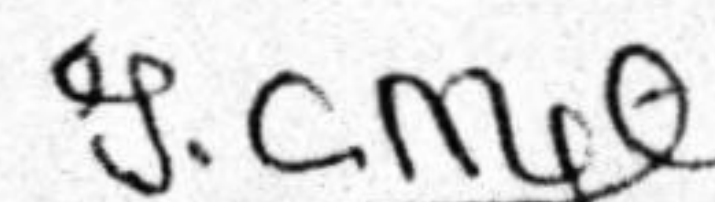
REMARK TO FINNSOLIDARITY

Finnsolidarity was notified on following:

1. Proposed actions to complete, correct or re-execute marked missings or faults in work where agreed and Fisol supervisors will instruct execution of them.
2. Missing materials according to inspection will be delivered by Fisol immediately.

MINUTES COMPILED BY

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Finnsolidarity



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ANC, Technical Department