

SETSHA SA HO RULELA KA MAPOLANKA AFRIKA BORWA DINETE MABAPI LE MABALLO A MORULELO: O SE KE WA HAPEHA!



MABALLO A MORULELO A ENTSWENG SETSHENG



MABALLO A MORULELO A ENTSWENG FABORIKING

VS

TLHALOSO

Maballo a Morulelo a Mapolanka a Entsweng setsheng ka Matsoho a kopantsweng ka dikurufu le dipekere KAPA ka dipapetla tsa dipekere manonyollong. EBA SEDI KA TSENA!

Maballo a Morulelo a Mapolanka a Entsweng Faboring Pele ho Tshebediso ka ho ikamahanya le SANS 10160, 10163 & 10243 mme a kopanngwa ka dipapetla tsa dipekere tsa Engineering System tse amohetsweng ho ya ka moetso wa tsona tsa nehelwa ke ITC-SA Fabricator e amohetsweng.

MOETSO

Ho hlokeha o ikobele dihlolomiso tsa SANS 10400 kapa dintlha tsa National Home Builders Registration Council "Home Builders Manual". Dintlha tsena di beha moedi wa moetso wa morulelo, ho tshekalla ha morulelo le ho etsa bolelele ba dimetara tse 8. Ha ho sa ikobelwa dintlha tsena, ka mokgwa ofe kapa ofe, kahoo MOAHO HA O MOLAONG mme moetso o hloka ho hlalohjwa ke Professional Engineer (Setsebi sa Bo-injineri). Dibopeho tsohle tse nang le dinoka le dikgohlo HO HLOKEHA di etswe ke injineri.

O radilwe ho sebediswa ITC-SA Accredited System Supplier. Dipapetla tsa tshepe tse sebedisitsweng ka tshebetsong e ikgethang ya bo-injineri e sebediswang. Kahoo, ho hlokeha hore dipapetla di be le tekanyetso e nepahetseng, mme di behwe dibakeng tse tshwanelehileng ho ya ka mekgwa le dibaka tsa ho tiisetisa boima tse molaong.

TLHAHISO

Maballo a entsweng ka matsoho mme a sehwa setsheng ka disebediswa tsa ho sebetisa tsa bobetli. Mme a kopanngwa setsheng ho sebediswa dipekere le dikufuru. Boholo ba setho sa lepolanka, palo ya dikurufu mmoho le boholo ba dipekere di fuperwe ho SANS 10400 mmoho le NHBRC's Home Builders Manual.

Maballo a sehwa ka ho otloloha ka Metjhini e iTsamaisang e Kgethehileng (Specialized Automated Machinery), a Entsweng mme a kopanngwa tikolohong e kgethehileng ka sepheo se ikgethang ho sebediswa dipapetla tsa dipekere tse entsweng ka bo-injineri ho ya ka SANS10163, 10243 esita le tsohle dipallo le melawana e tshwanelehileng. ITC-SA beng ba Faborigi ba netefaditsweng ba tla o neha Lengolo la Bopaki ba Tlaha (Manufacturing Certificate) ho paka hore moaho wa hao o ahlilwe ka ho tsamaelana le dipallo le melawana e tshwanelehileng. Moaho wa hao ho feta moo o sireleditse ka Inshorensi ya Moetsi e leng Fabricator's Product Liability Insurance.

HO SE IKOBELE DITLHOKO TSA MOLAO HO ATILE HAHOLO MME HO LEBISA MOSEBETSING O MONGATA WA HO LOKISA.

HO EMISA

Ho hlokeha ho etswe ho tsamaelana ka qophello le;

1. Sepheo sa Moetso
2. NHBRC's Home Builders Manual mmoho le SANS 10243

Ho emiswa ha morulelo o entsweng setsheng ka bophara ho entswe ke batho BA SA NNETEFATSWANG ke Institute for Timber Construction South Africa (ITC-SA) mme ba ka ba matlaila! DINOKA LE DIKHOLLO HA DI AMOHELEHI.

Ho hlokeha ho etswe ho tsamaelana ka qophello le;

1. Sepheo sa Moetso
2. Le SANS 10243,

Ke khampani e tshwanelehileng ya botsebi mmoho/kapa ke motho ya nnetefaditsweng ke Timber Construction South Africa (ITC-SA)

HO HLAHLOBA LE HO SAENA PHETHAHALO YA MOAHO WA MORULELO WA MAPOLANKA, HO YA KA MELAWANA YA NAHA YA HO AHA (NATIONAL BUILDING REGULATIONS) LE HO FUMANA LENGOLO LA BOPAKI BA HO DULEHA LE TSWANG HO MMASEPALA WA LEHAE

Ho hlokeha hore moaho o hlalohjwa mabapi le ho ikobela molao wa Regulation A19 wa National Building Regulations, sepheo sa Moetso le melao e kgethehileng le dintho tse akantsweng tse amanang le Maballo a Morulelo wa Mapolanka (Timber Roof Trusses), moo Motho eo e leng Setsebi se Ngodisitsweng (ya ngodisitsweng ho Engineering Council of South Africa) a tla nka boikarabelo mabapi le moaho o boletsweng. Hang ha morulelo o phethilwe ka ho kgotsofatsang Mo-injineri, Lengolo la Bopaki la Phethahalo le tla ntshuwa le tla dumella monga moaho ho fumana Lengolo la Bopaki ba ho Duleha (Occupancy Certificate) ho Mmasepala wa Lehae.

HO IKOBELA DITLHOKEHO HO ATISA HO BA BOTHATA.

Ho hlokeha hore moaho o hlalohjwa mabapi le ho ikobela molao wa Regulation A19 wa National Building Regulations, sepheo sa Moetso le melao e kgethehileng le dintho tse akantsweng tse amanang le Maballo a Morulelo wa Mapolanka (Timber Roof Trusses), moo Motho eo e leng Setsebi se Ngodisitsweng (ya ngodisitsweng ho Engineering Council of South Africa) a tla nka boikarabelo mabapi le moaho o boletsweng. Hang ha morulelo o phethilwe ka ho kgotsofatsang Mo-injineri, Lengolo la Bopaki la Phethahalo le tla ntshuwa le tla dumella monga moaho ho fumana Lengolo la Bopaki ba ho Duleha (Occupancy Certificate) ho Mmasepala wa Lehae. Ka ho ntsha A19 Completion Certificate (Lengolo la Bopaki ba ho Qetwa) injineri e tla nka boikarabelo ba moaho mme kahoo moaho o sireletswe ke Engineer's Professional Indemnity Insurance

SEPHETHO

Dipalopalo tse fumanwang ho Institute for Timber Construction South Africa di bontsha hore 90% ya meaho ha e ikobele melao le dikgothaletso jwalo ka ha ho hlokwa ke Melao ya Naha ya ho Aha (National Building Regulations). E fumanwa e le ditjeo tsa ka bang $\pm 20 - 40\%$ ka hodimo ho Maballo a Morulelo wa Mapolanka a Motla-o-Tutswe (Prefabricated Timber Roof Trusses). Ha ho ka ba le dife ditsietsi, ka kakaretso o ke ke wa ba le thuso ya poeletso mme o tla kena ho Diqosano Molaong tse tla nka nako e telele mme ho na le ditjeo! Le dife ditheolelo o ka di eletswang ka phoso ke moahi wa hao di tla phehiswa hangata.

Ha meaho ena e emisitswe ke Moahi ya nnetefaditsweng ke ITC-SA Roof Erector, o na le bonnete ba hore Moaho wa Morulelo wa hao o ikobela molao ka 100% mme o phela kgotsong ya hore, ha ho hlaha le efe tsietsi, ho teng thuso ya poeletso ya tshebetsong ya boeletsi ya ITC-SA's Disciplinary Procedures ya ditsohle tse nnetefaditsweng.

LENGOLO LA BOPAKI LA INJINERI E NNETEFADITSWENG KE ITC-SA LE TLA O FA PHOMOLO MOYENG DILEMO TSE NGATA

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MAKALA

Kapa Borwa Botjhabela | Kwazulu-Natala | Kapa Leboya

DIKOMITI TSA LEKALA

Gauteng | Polokwane | Mpumalanga | Gauteng | Foreisetata | Kapa Leboya
Kwazulu-Natala | Kapa Borwa/Botjhabela | Port Elizabeth | East London | Kapa Bophirima



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