OFFICE OF THE ADDL. CHIEF TOWN PLANNER
RAJASTHAN HOUSING BOARD:JAIPUR

NO : ACTP/RHB/JPR/2017-18/653 Dt : 26.03.2018

To,
The Hon'ble Chairman/Housing Commissioner,
Rajasthan Housing Board, Jaipur.

The Chief Town Planner, Town Planning Department,
Govt. of Rajasthan, Jaipur.

Chief Engineer-I/Chief Engineer-II/Chief Engineer-(HQ)
Addl.C.E.-I/Addl.C.E.-III, Jaipur,
Addl. Chief Engineer-II, Jodhpur,
Rajasthan Housing Board.

Sub: Minutes of the 154th meeting of the Project Committee held on 15.03.2018

Sir,

Minutes of the 154th meeting of the Project Committee held on 15.03.2018 are enclosed herewith for your kind perusal.

Thanking You,

Yours Sincerely

26/3/18
(S. L. SETHI)
ADDL. CHIEF TOWN PLANNER &
MEMBER SECRETARY

राजस्थान आवासन मण्डल, जयपुर

परियोजना समिति की 154 वीं बैठक का कार्यवाही विवरण

परियोजना समिति की 154 वीं बैठक माननीय अध्यक्ष महोदय, राजस्थान आवासन मण्डल की अध्यक्षता में दिनांक 15.03.2018 को सायः 3:00 बजे बोर्ड कक्ष, राजस्थान आवासन मण्डल, जयपुर में आयोजित की गयी। बैठक में निम्नलिखित सदस्य उपस्थित थेः–

1.	श्री श्रीचन्द कृपलानी, अध्यक्ष, राजस्थान आवासन मण्डल, जयपुर	अध्यक्ष
2.	श्री प्रीतम बी. यशवंत आवासन आयुक्त, राजस्थान आवासन मण्डल, जयपुर	सदस्य
3.	श्रीमती इन्दिरा चौधरी, मुख्य नगर नियोजक नगर नियोजन विभाग राजस्थान सरकार, जयपुर।	सदस्य
4.	श्री के. सी. मीना, मुख्य अभियन्ता–प्रथम राजस्थान आवासन मण्डल, जयपुर।	सदस्य
5.	श्री जी.एस. बाघेला, मुख्य अभियन्ता–द्वितीय राजस्थान आवासन मण्डल, जयपुर।	सदस्य
6.	श्री के. के. माथुर, मुख्य अभियन्ता (मु.) राजस्थान आवासन मण्डल, जयपुर।	सदस्य
7.	श्री नत्थु राम, अतिरिक्त मुख्य अभियन्ता–प्रथम राजस्थान आवासन मण्डल, जयपुर।	सदस्य
8.	श्री ए. के. रावत, अतिरिक्त मुख्य अभियन्ता–द्वितीय/तृतीय, राजस्थान आवासन मण्डल, जयपुर।	सदस्य
9.	श्री एस. एल. सेठी, अतिरिक्त मुख्य नगर नियोजक राजस्थान आवासन मण्डल, जयपुर।	सदस्य–सचिव

सदस्य सचिव द्वारा अध्यक्ष महोदय की अनुमति से बैठक की कार्यवाही सभी उपस्थित सदस्यों व अन्य अधिकारियों का स्वागत करते हुये प्रारम्भ की गयी। समिति द्वारा एजेण्डा पर चर्चा पश्चात सर्वसम्मति से निम्नानुसार बिन्दुवार निर्णय लिये गयेः–

एजेण्डा नं 1	परियोजना समिति की 153 वीं बैठक दिनांक 08.02.2018 के कार्यवाही विवरण की पुष्टि के संबंध में।
निर्णय	**समिति द्वारा परियोजना समिति की 153 वीं बैठक दिनांक 08.02.2018 के कार्यवाही विवरण की पुष्टि की गई।**
एजेण्डा नं 2	परियोजना समिति की 153 वीं बैठक दिनांक 08.02.2018 में लिये गये निर्णयों के क्रियान्विति प्रतिवेदन।
निर्णय	**समिति द्वारा परियोजना समिति की 153 वीं बैठक दिनांक 08.02.2018 में लिये गये निर्णयों के क्रियान्विति प्रतिवेदन का अवलोकन किया गया।**
एजेण्डा नं 3	सेक्टर–5, मानसरोवर आवासीय योजना, जयपुर में स्थित वाणिज्यिक भूखण्डों की प्लानिंग बाबत्।
निर्णय	**समिति द्वारा विचार विमर्श उपरान्त सर्वसम्मति से प्रस्तुत एजेण्डा अनुसार भूखण्ड संख्या–5–C–2 व 5–C–4 में एजेण्डा प्रस्ताव अनुसार प्रस्तावित विकल्प–2 एवं 5–C–3 प्रस्तावानुसार मानचित्रों का** अनुमोदन किये जाने का निर्णय लिया गया।
एजेण्डा नं 4	अटरू आवासीय योजना मानचित्र में आरक्षित स्थल पर नियोजन के अनुमोदन बाबत्।
निर्णय	**समिति द्वारा विचार विमर्श पश्चात् सर्वसम्मति से निर्णय लिया गया कि प्रस्तावानुसार सी ब्लॉक के ले–आउट में मुख्य नगर नियोजक के सुझाव अनुसार योजना में 12.00 मीटर चौड़ी सड़क पर प्रस्तावित 3 लम्बवत ब्लॉक के स्थान पर एक क्षितिज ब्लॉक प्रस्तावित किया जावें तथा पीछे की शेष भूमि में 3 लम्बवत ब्लॉक प्रस्तावित किये जावें। प्रकरण में उप आवासन आयुक्त यह सुनिश्चित करे कि योजना की भूमि पानी भराव/बहाव क्षेत्र से सुरक्षित है। इस संबंध में स्पष्ट रिपोर्ट आने के पश्चात ही योजना की क्रियान्विति की जावें।**
एजेण्डा नं 5	महावीर नगर विस्तार योजना सेक्टर–1, कोटा में स्थित व्यावसायिक भूखण्ड के पुनः नियोजित मानचित्र के अनुमोदन हेतु।
निर्णय	**समिति द्वारा विचार विमर्श पश्चात् सर्वसम्मति से प्रस्तावानुसार अनुमोदन किये जाने का निर्णय लिया गया।**
एजेण्डा नं 6	नैनवा आवासीय योजना, बूंदी में आरक्षित छोडे गये स्थलों पर आवासीय नियोजन के अनुमोदन हेतु।
निर्णय	**समिति द्वारा विचार विमर्श पश्चात् सर्वसम्मति से निर्णय लिया गया कि प्रस्ताव पर मुख्य नगर नियोजक के सुझाव अनुसार सेक्टर–1 (पॉकेट–A) में तिकोणी भूमि में सृजित Gharounda, EWS एवं MIG-I के भूखण्डों को पार्क रखने के संशोधन के साथ एवं सेक्टर–3 में प्राईमरी स्कूल के पास स्थित आरक्षित छोड़े गये स्थल में प्रस्तावानुसार आवासीय नियोजन के मानचित्रों का अनुमोदन किया गया।**
एजेण्डा नं 7	मानसरोवर आवासीय योजना, जयपुर के शिप्रा पथ पर जोन–74, सेक्टर–7, में वाणिज्यिक भूखण्ड 7-C-2 को दो छोटे व्यावसायिक भूखण्डों में परिवर्तन बाबत्।
निर्णय	**समिति द्वारा विचार विमर्श पश्चात् सर्वसम्मति से प्रस्तावानुसार अनुमोदन किये जाने एवं एकीकृत भवन विनियम–2017 के अनुसार पैरामीट्र्स निर्धारित करने का निर्णय लिया गया।**

एजेण्डा नं 8	मुख्यमंत्री जन आवास योजना–2015 के प्रावधान–4 के अन्तर्गत भूखण्ड संख्या–J5, वाणिज्यिक बैल्ट–B, वी.टी. रोड़, मानसरोवर, जयपुर आवासीय योजना में बहुमंजिले फ्लेटों के नियोजन बाबत्।
निर्णय	**समिति द्वारा विचार विमर्श पश्चात् सर्वसम्मति से प्रकरण को स्थगित किया गया। साथ ही यह भी निर्णय लिया गया कि भूखण्ड पर माननीय उच्च्व न्यायालय द्वारा दिये गये स्थगन आदेश पर उप आवासन आयुक्त अपने स्तर पर विधिक राय प्राप्त कर स्थगन आदेश निरस्त करवाने की प्रभावी कार्यवाही करवाये।**
एजेण्डा नं 9	डॉ. भीमराव अम्बेडकर आवासीय योजना नागौर में व्यावसायिक भूखण्डों की प्लानिंग करने बाबत्।
निर्णय	**समिति द्वारा विचार विमर्श पश्चात् सर्वसम्मति से निर्णय लिया गया कि प्रस्ताव पर मुख्य नगर नियोजक के सुझाव अनुसार व्यावसायिक भूखण्ड–A में सृजित 8 छोटे व्यावसायिक भूखण्डों के स्थान पर 18.00 मीटर चौड़ी सड़क की ओर 2 व्यावसायिक भूखण्ड एवं व्यावसायिक भूखण्ड संख्या–C में सृजित 6 व्यावसायिक भूखण्डों के स्थान पर 18.00 मीटर चौड़ी सड़क की ओर 2 व्यावसायिक भूखण्ड सृजित करने एवं शेष दोनों भूखण्डों की भूमि को यथावत व्यावसायिक रखते हुए सृजित भूखण्डों के सैटबैक एकीकृत भवन विनियम–2017 अनुसार रखे जाने का निर्णय लिया गया। पॉकेट–D में प्रस्तावित मानचित्र में सीधे ब्लॉक में आगे–पीछे दुकानों के स्थान पर सड़क के लम्बवत ब्लॉक बनाये जाने के संशोधन के साथ तथा पॉकेट–B एवं पॉकेट–E का प्रस्तावानुसार अनुमोदन किया गया।**
एजेण्डा नं 10	कुड़ी भगतासनी योजना, जोधपुर के अन्तर्गत सेक्टर–4 में व्यवसायिक भूखण्ड ब्लॉक (4–एस–1 से 4–एस–10) में भूखण्ड संख्या 4–एस–7, के माप में संशोधन बाबत्।
निर्णय	**समिति द्वारा विचार विमर्श पश्चात् सर्वसम्मति से प्रस्तावानुसार अनुमोदन किये जाने का निर्णय लिया गया।**
एजेण्डा नं 11	आवासीय योजना जैसलमेर में सामुदायिक भवन की ड्राईग उपलब्ध करवाने बाबत।
निर्णय	**समिति द्वारा विचार विमर्श पश्चात् सर्वसम्मति से प्रस्तावानुसार सामुदायिक भवन के मानचित्र अनुमोदन किये जाने का निर्णय लिया गया।**
एजेण्डा नं 12	आवासीय योजना मगरा, बाड़मेर एवं आवासीय योजना फलौदी में वाणिज्यिक भूखण्डों की प्लानिगं बाबत्।
निर्णय	**समिति द्वारा विचार विमर्श पश्चात् सर्वसम्मति से एजेण्डा प्रस्तावनुसार मानचित्र अनुमोदन का निर्णय लिया गया। साथ ही निर्णय लिया गया कि एकीकृत भवन विनियम–2017 के अनुसार भूखण्डों के सैटबैक अंकित किये जाये। उप आवासन आयुक्त अपने स्तर पर यह सुनिश्चित करेगें कि प्लॉट A में स्थित 11 KV H.T. Line को शिफ्ट होने के पश्चात् ही योजना की क्रियान्विति की जावे।**
एजेण्डा नं 13	कोटा शहर में लंबित पंजीकृत आवेदकों को आवास उपलब्ध करवाने हेतु महावीर नगर पारिजात योजना में रिक्त भूमि पर नियोजन के मानचित्र अनुमोदन हेतु।
निर्णय	**समिति द्वारा विचार विमर्श पश्चात् सर्वसम्मति से निर्णय लिया गया कि मास्टर प्लान–2023 में प्रस्तावित योजना क्षेत्र का भू–उपयोग OPEN SPACE है जो कि नये मास्टर प्लान 2031 में आवासीय दर्शाय गया है। कोटा मास्टर प्लान–2031 में मास्टर प्लान–2023 के Urbanisable area के प्रस्ताव को फिलहाल यथावत रखा गया है। अतः मास्टर प्लान–2023 में भू–उपयोग OPEN SPACE होने के कारण वर्तमान में आवासीय योजना अनुमोदन नहीं की जा सकती है। अतः प्रकरण को स्थगित किया गया।**

एजेण्डा नं 14	नीलामी से निस्तारित/निस्तारणीय वाणिज्यिक भूखण्डों में निर्माण हेतु लागू टाईप डिजाईन उपलब्ध कराने के क्रम में।
निर्णय	**समिति द्वारा विचार विमर्श पश्चात् सर्वसम्मति से निर्णय लिया गया कि प्रश्नगत टाईप डिजाईन केवल शॉपिंग सेन्टर की योजना जिनमें कॉमन पार्किंग का प्रावधान है, में लागू होगी।**
एजेण्डा नं 15	चक–6–जेड–ए, नई आवासीय योजना श्रीगंगानगर की प्लानिंग बाबत्।
निर्णय	**समिति द्वारा विचार विमर्श पश्चात् सर्वसम्मति से एजेण्डा प्रस्तावानुसार इस शर्त के साथ स्वीकृत किये जाने का निर्णय लिया गया कि प्रकरण में यथास्थिति के स्थगन आदेश के संबंध में उप आवासन आयुक्त द्वारा योजना की क्रियान्विति से पूर्व विधिक राय प्राप्त कर विधिक राय अनुसार योजना का क्रियान्वयन किया जावे।**
एजेण्डा नं 16	सेक्टर–28, प्रताप नगर, सांगानेर, जयपुर स्थित योजना में अन्तर्राष्ट्रीय दृष्टिहीन एवं विकलांग कल्याण संस्थान के भवन निर्माण हेतु 2000.00 वर्ग मीटर भूमि एवं श्री दिगम्बर जैन श्रमण संस्कृति संस्थान को 2674.10 वर्ग मीटर भूमि के नियोजन हेतु।
निर्णय	**समिति द्वारा विचार विमर्श पश्चात् एजेण्डा प्रस्तावानुसार सर्वसम्मति से भूखण्डों में नाले की ओर का सैटबैक 9.00 मीटर रखते हुए प्रस्ताव स्वीकृत करने का निर्णय लिया गया।**
एजेण्डा नं 17	राष्ट्रीय आयुष की योजना के माध्यम से 50 शैयाओं वाले चिकित्सालय की स्थापना हेतु प्रताप नगर सेक्टर–10 में लगभग 3000 वर्ग मीटर भूमि के निशुल्क आवंटन के लिए व्यावसायिक भूमि से संस्थानिक में भू–उपयोग परिवर्तन किये जाने बाबत्।
निर्णय	**प्रस्तावित स्थल का पूर्व में दिनांक 21.12.2006 को आयोजित परियोजना समिति की 111वीं बैठक में संस्थानिक भू–उपयोग से व्यावसायिक भू–उपयोग में संशोधन किया गया था। समिति द्वारा विचार विमर्श पश्चात् सर्वसम्मति से पी.ए.सी. में लिये गये निर्णय अनुसार व्यावसायिक से संस्थानिक प्रयोजन रखते हुए योजना में संशोधन करते हुए स्वीकृत किये जाने का निर्णय लिया गया।**
एजेण्डा नं 18	हाउसिंग स्कीम वेस्ट ऐक्सटेंशन, चौपासनी रोड़ (चौपासनी स्कीम), जोधपुर के मकान संख्या 17–ई–155 से 17–ई–167 तथा 17–ई–179 से 17–ई–189 तक के भूखण्डों के पुर्ननियोजन बाबत्।
निर्णय	**समिति द्वारा प्रकरण में विचार विमर्श किया गया। अतिरिक्त मुख्य अभियन्ता द्वारा प्रस्तुत जाँच रिपोर्ट एवं नीलामी द्वारा आवंटन पत्रों व साईट प्लान का अवलोकन किया गया। सभी तथ्यों पर विवेचन पश्चात समिति द्वारा एजेण्डा प्रस्तावानुसार सर्वसम्मति से निर्णय लिया गया कि आवास संख्या 17–ई–167 व 17–ई–179 तथा आवास संख्या 17–ई–175 से 17–ई–178 के बीच में स्थित गली को यथावत रखा जावे। जिन भूखण्डधारियों द्वारा गली में छज्जा/बालकनी आदि निकाल कर अतिक्रमण कर रखा है उन पर नियमानुसार उप आवासन आयुक्त स्थानीय निकाय के माध्यम से अतिक्रमण हटाने की प्रभावी कार्यवाही करावें।**

एजेण्डा नं 19	मानसरोवर योजना जयपुर में भृगु पथ सड़क की चौड़ाई का मौके के अनुसार निर्धारण करने बाबत्।
निर्णय	**समिति द्वारा विचार विमर्श पश्चात् सर्वसम्मति से प्रकरण को स्थगित किया गया।**

<u>अन्य प्रकरण अध्यक्ष महोदय की अनुमति से</u>

अतिरिक्त एजेण्डा नं 1	मानसरोवर योजना के अरावली मार्ग, सेक्टर–7 पर स्थित डिस्पेन्सरी की भूमि को संस्थागत उपयोग हेतु आरक्षित करने बाबत् वूमैन ऑफ इण्डिया शोईंग हयुमिनीटी (आँचल) की पत्रावली समिति के निर्णयार्थ प्रस्तुत की गई।
निर्णय	**वूमैन ऑफ इण्डिया शोईंग हयुमिनीटी (आँचल) की पत्रावली पर समिति द्वारा विचार विमर्श किया गया। डिस्पेन्सरी उपयोग संस्थानिक भू–उपयोग की श्रेणी में आती है एवं आस–पास समुचित मेडिकल एवं हैल्थ सुविधाऍं उपलब्ध होने के कारण एवं प्रश्नगत भूखण्ड के एक भाग में अस्पताल के लिए भूखण्ड का आवंटन किये जाने के कारण शेष भूखण्ड को डिस्पेन्सरी के स्थान पर संस्थानिक उपयोग हेतु योजना में आरक्षित करने का निर्णय लिया गया।**

अन्त में बैठक सधन्यवाद समाप्त हुई।

26/3/18

(एस. एल. सेठी)
अतिरिक्त मुख्य नगर नियोजक
सदस्य–सचिव,

राजस्थान आवासन मण्डल, जयपुर

क्रमांकः– अति.मु.न.नि./रा.आ.म./जयपुर/2024–25/78 दिनांक : 17.6.2025

उप आवासन आयुक्त,
वृत्त–कोटा,
राजस्थान आवासन मण्डल,
कोटा।

विषयः– आवासीय योजना नैनवां जिला बूंदी पॉकेट–ए एवं पॉकेट–बी की अनुमोदित योजना के मानचित्र की वैधता अवधि बढ़ाने के संबंध में।

महोदय,

उपरोक्त विषयान्तर्गत लेख है कि आवासीय योजना नैनवां जिला बूंदी पॉकेट–ए एवं पॉकेट–बी के मानचित्र नियोजन शाखा द्वारा दिनांक 23.04.2025 को पुनर्वैध किये गये थे। जिसमें पॉकेट–ए में खसरा नम्बर 5920/5355 एवं पॉकेट–बी में खसरा नम्बर 5352, 5353, 5355 अंकित किये गये थे।

आपके प्रस्तावानुसार एवं आवासीय अभियन्ता, खण्ड–कोटा के पत्र क्रमांक 210 दिनांक 16.06.2025 अनुसार आवासीय योजना नैनवां जिला बूंदी पॉकेट–ए में खसरा नम्बर 5920/5355 के स्थान पर नया खसरा नम्बर 6629/5920 एवं पॉकेट–बी में खसरा नम्बर 5352, 5353, 5355 के स्थान पर नया खसरा नम्बर 6627/5914 मानचित्र पर अंकित कर संशोधित मानचित्र जारी कर अनुमोदित योजना मानचित्रों की वैधता अवधि 2 वर्ष हेतु बढ़ायी जाती है। योजना का क्रियान्वयन टाउनशिप पॉलिसी, 2010 भवन विनियम के प्रावधानानुसार किया जाना सुनिश्चित करें।

संलग्नः–उपरोक्तानुसार।

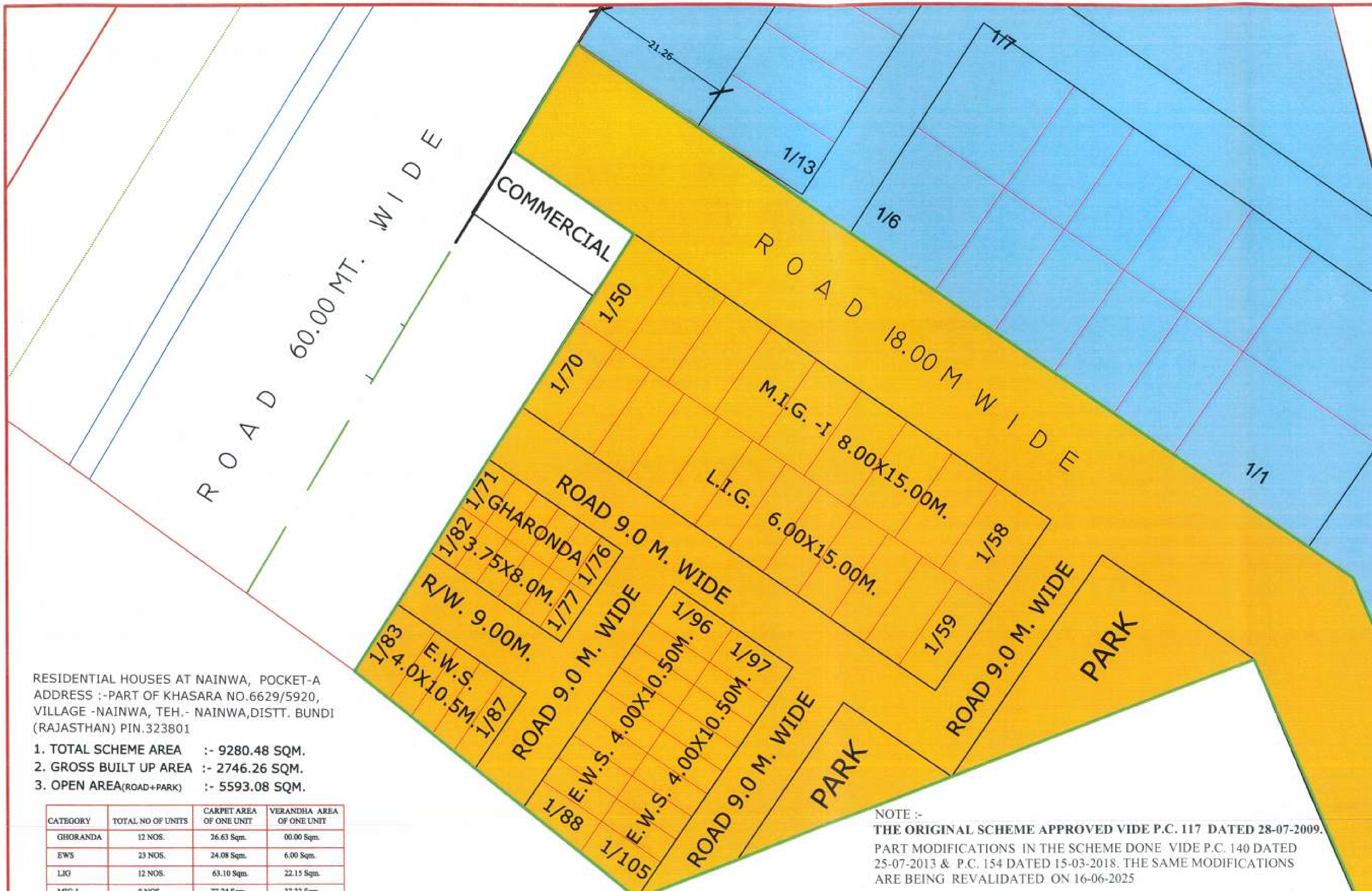
भवदीया

(रिंकू बंसल)
अतिरिक्त मुख्य नगर नियोजक
राजस्थान आवासन मण्डल
जयपुर।

प्रतिलिपिः–
1. अतिरिक्त मुख्य अभियन्ता–तृतीय, राजस्थान आवासन मण्डल, जयपुर।
2. आवासीय अभियन्ता, खण्ड–कोटा, राजस्थान आवासन मण्डल, कोटा।
3. आवासीय अभियन्ता, खण्ड–रेरा, राजस्थान आवासन मण्डल, जयपुर।
4. रक्षित पत्रावली।

Signature valid
अतिरिक्त मुख्य नगर नियोजक
Digitally signed by Rinku Bansal
Designation: Chief town Planner
Date: 2025.06.16 1?:43:59 IST
Reason: Approved

aj Ref No.: 15952096



RESIDENTIAL HOUSES AT NAINWA, POCKET-A
ADDRESS :-PART OF KHASARA NO.6629/5920,
VILLAGE -NAINWA, TEH.- NAINWA,DISTT. BUNDI
(RAJASTHAN) PIN.323801

1. TOTAL SCHEME AREA :- 9280.48 SQM.
2. GROSS BUILT UP AREA :- 2746.26 SQM.
3. OPEN AREA(ROAD+PARK) :- 5593.08 SQM.

CATEGORY	TOTAL NO OF UNITS	CARPET AREA OF ONE UNIT	VERANDHA AREA OF ONE UNIT
GHORANDA	12 NOS.	26.63 Sqm.	00.00 Sqm.
EWS	23 NOS.	24.08 Sqm.	6.00 Sqm.
LIG	12 NOS.	63.10 Sqm.	22.15 Sqm.
MIG-I	9 NOS.	77.24 Sqm.	37.32 Sqm.

PROPOSED PHASE AREA SHOWN THUS

COMPLETED PHASE AREA BEFORE RERA

NOTE :-

THE ORIGINAL SCHEME APPROVED VIDE P.C. 117 DATED 28-07-2009.

PART MODIFICATIONS IN THE SCHEME DONE VIDE P.C. 140 DATED 25-07-2013 & P.C. 154 DATED 15-03-2018. THE SAME MODIFICATIONS ARE BEING REVALIDATED ON 16-06-2025

(RAJVEER SINGH)
TOWN PLANNING ASSISTANT

(GIRIRAJ PRASAD NAGAR)
DEPUTY TOWN PLANNER

(RINKU BANSAL)
ADDITIONAL CHIEF TOWN PLANNER

SCHEDULE OF PLOTS:-

S.NO.	CATEGORY	SIZE	NOS. OF PLOTS
1.	GHAROUNDA	3.75 X 8.0 M.	12
2.	E.W.S.	4.00 X 10.50 M.	23
3.	L.I.G.	6.00 X 15.00 M.	12
4.	M.I.G.I	8.00 X 15.00 M.	09
5.	COMMERCIAL		01
		TOTAL	57

NOTE:-

COMMERCIAL PLOT AREA=21.00X10.80 M.
=226.80 SQ.M.

ALL DIMENSION ARE IN METERS

APPROVED IN 154 P.C. MEETING HELD ON DATED 15-03-2018 AGENDA ITEM No. 06

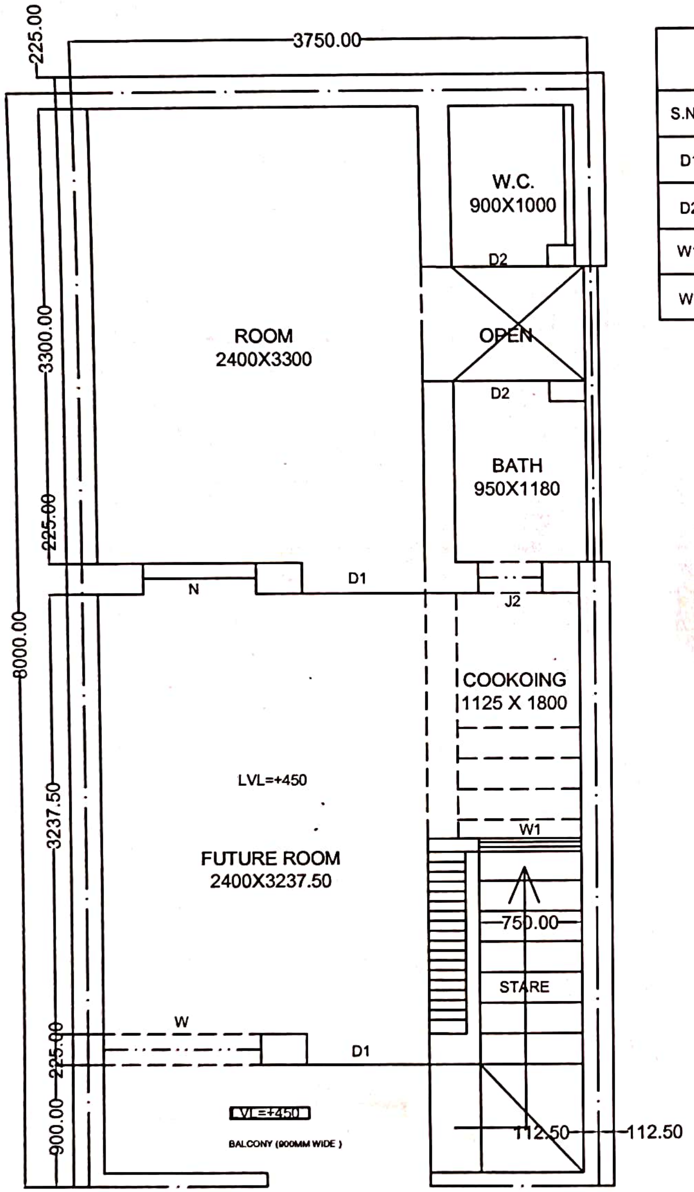
SCHEME BOUNDARY SHOWN THUS

PROPOSED PART LAYOUT PLAN OF RESIDENTIAL SCHEME AT NAINWA DIST. BUNDI (POCKET-A)

DRG.:- RHB/HQ/2018/10	SCALE :-
DATE :-27-03-2018	FILE NO :-
DEALT BY :- S. R. TANWAR (JR. D/MAN)	CHECKED :- PALIRAM SINGHMAR (T.P.A.)
(SANTSARAN) ASSISTANT ARCHITECT	(B. S. RAJPUROHIT) DEPUTY TOWN PLANNER
(MRINAL JOSHI) SENIOR TOWN PLANNER	(S.L.SETHI) ADD. CHIEF TOWN PLANNER

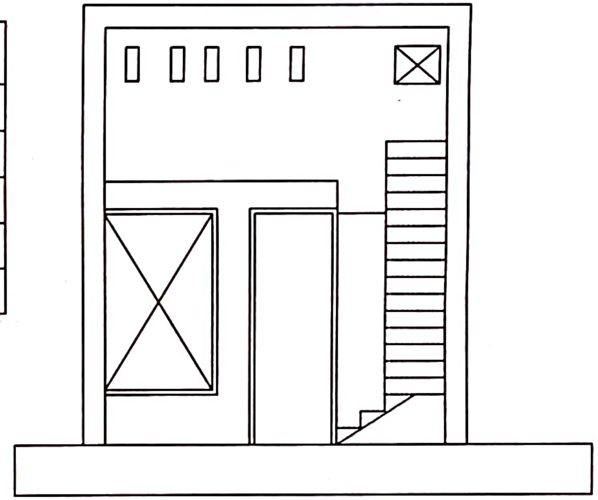
RAJASTHAN HOUSING BOARD

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

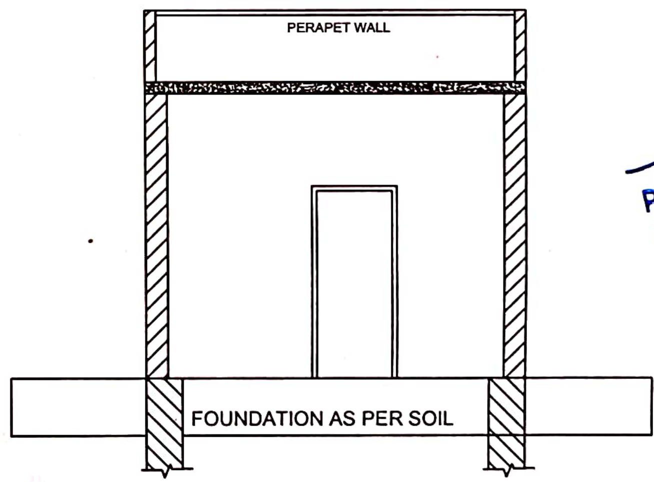


1. ALL DIMENSIONS ARE IN MM

DETAIL OF DOOR &WINDOW		
S.NO.	WIDTH X HEIGHT	NOS.
D1	900 X 2000mm.	2
D2	700 X 2000 mm.	2
W1	750X1200 mm.	1
W	1150X1200 mm.	1



FRONT ELEVATION



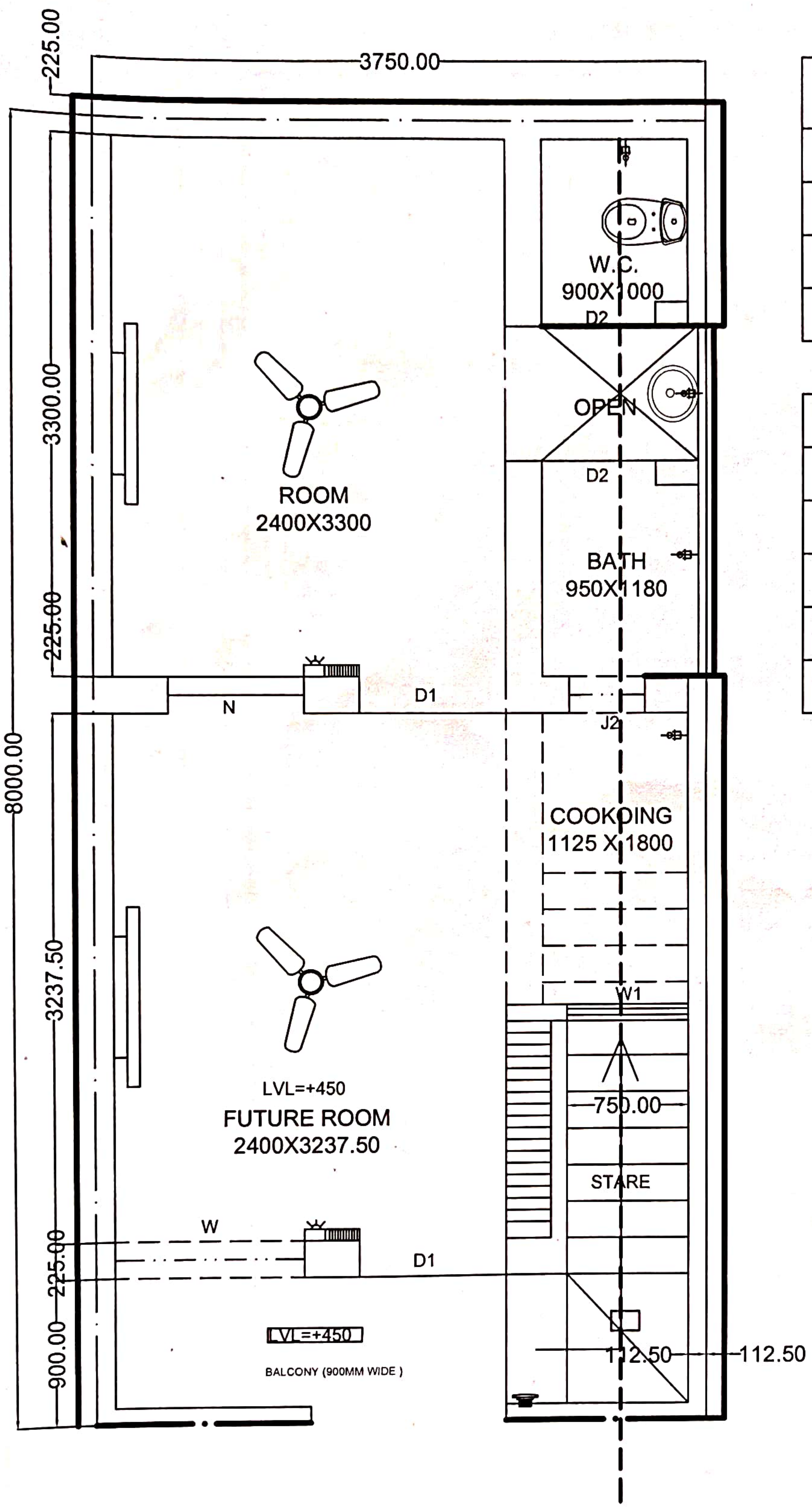
SECTION ELEVATION AT 'A-A'

Project Engineer (Jr.)
R.H.B. Sub Div Baran
Div. Kota

GROUND FLOOR PLAN
TYPE DESIGN OF GHROUNDA
PLOT SIZE 3.75X8.00 M.

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT
PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT
PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT



ELECTRICAL SYMBOL	
	CEILING FAN
	SWITCH BOX
	TUBE LIGHT
	MCB BOX

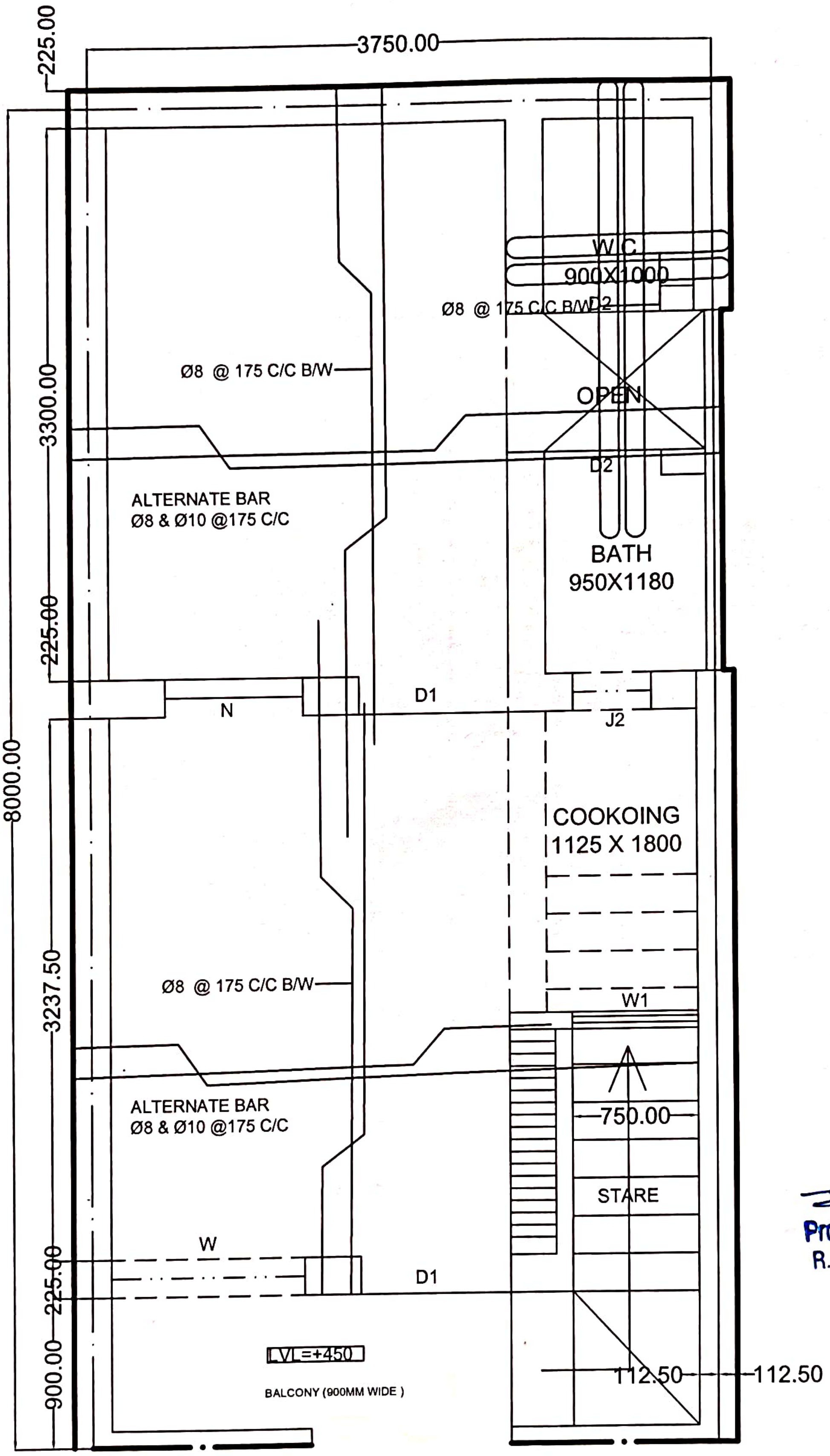
SANITARY SYMBOL	
	TAP
	WASH BASIN
	W.C.
	PIPE LINE
	MAN HOLE

Project Engineer (Jr.)
R.H.B. Sub Div. Baran
Div. Kota

GROUND FLOOR PLAN
TYPE DESIGN OF GHROUNDA
PLOT SIZE 3.75X8.00 M.

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT
PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT
PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT



PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

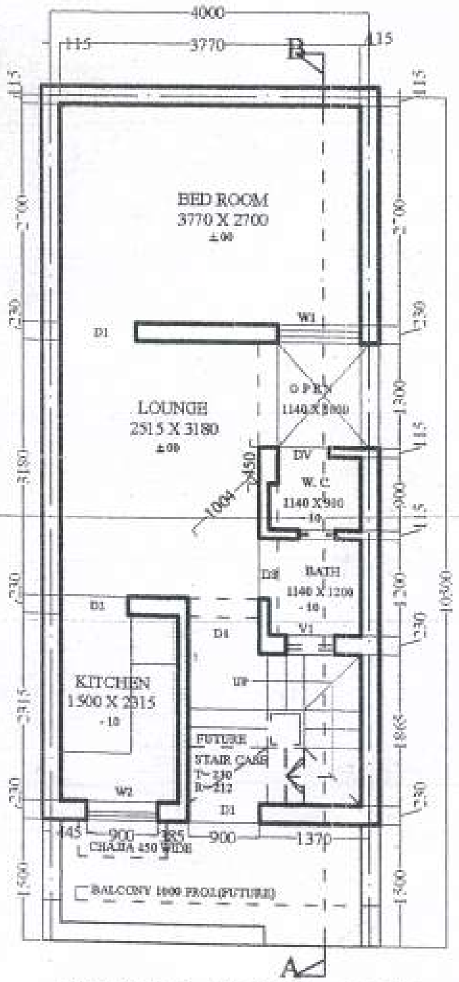
PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

Project Engineer (Jr.)
R.H.B. Sub Div. Baran
Div. Kota

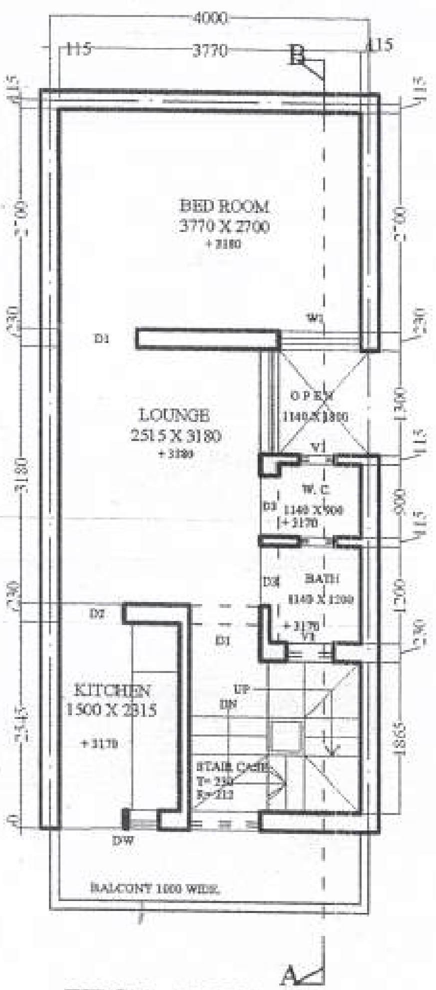
OMPRAKASH
B.Tech (Civil)

STRUCTURAL PLAN
TYPE DESIGN OF GHROUNDA
PLOT SIZE 3.75X8.00 M.

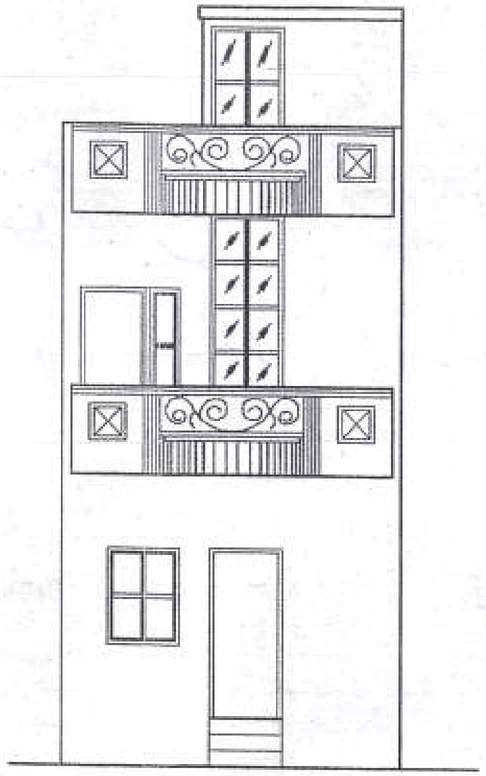
PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT



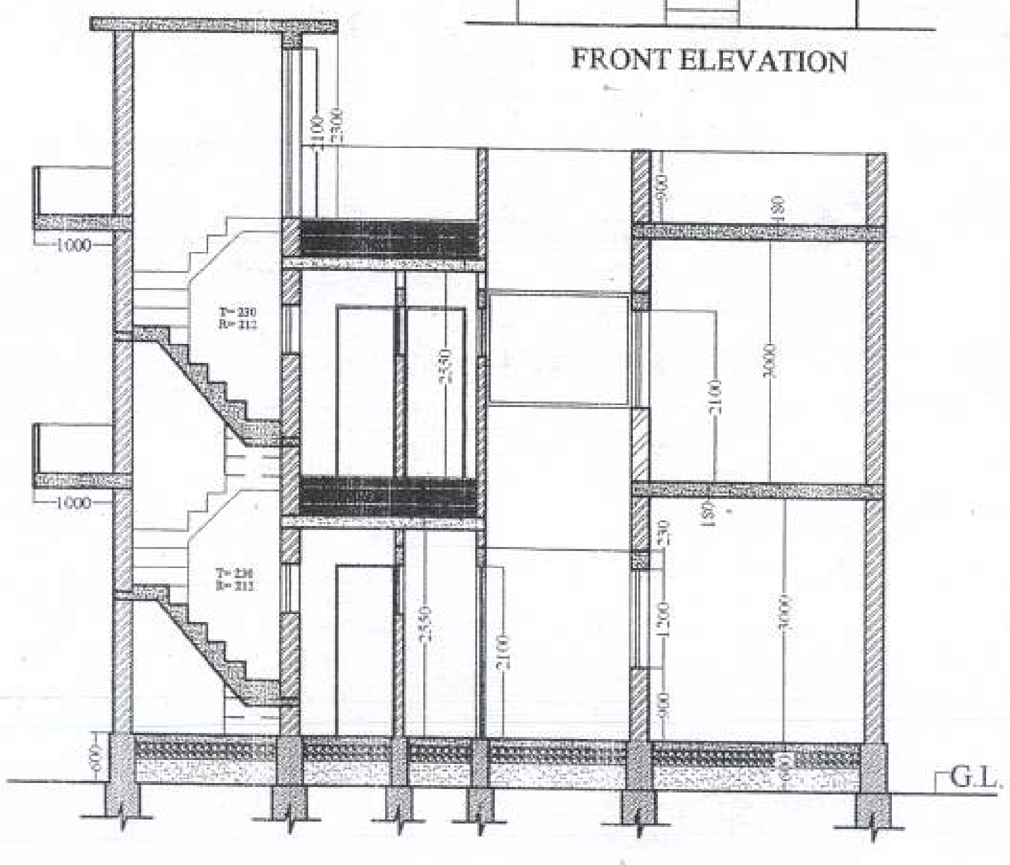
GROUND FLOOR PLAN



FIRST FLOOR PLAN
(FUTURE)



FRONT ELEVATION



SECTION AT- A-B

SCHEDULE OF OPNINGS: -

S. NO.	TYPE	SIZE	SILL LVL.	LINTEL LVL.
1.	D1	900 x 2100	--	2100
2.	D2	800 X 2100	--	2100
3.	D3	750X 2100	--	"
4.	Dv	750 X 2100	--	"
5.	V1	450 X 600	1500	2100
6.	W1	1000 X 1200	900	2100
7.	W2	900 X 1000	1100	2100
8.	DW	1200X 2100	--	2100

NOTES:-

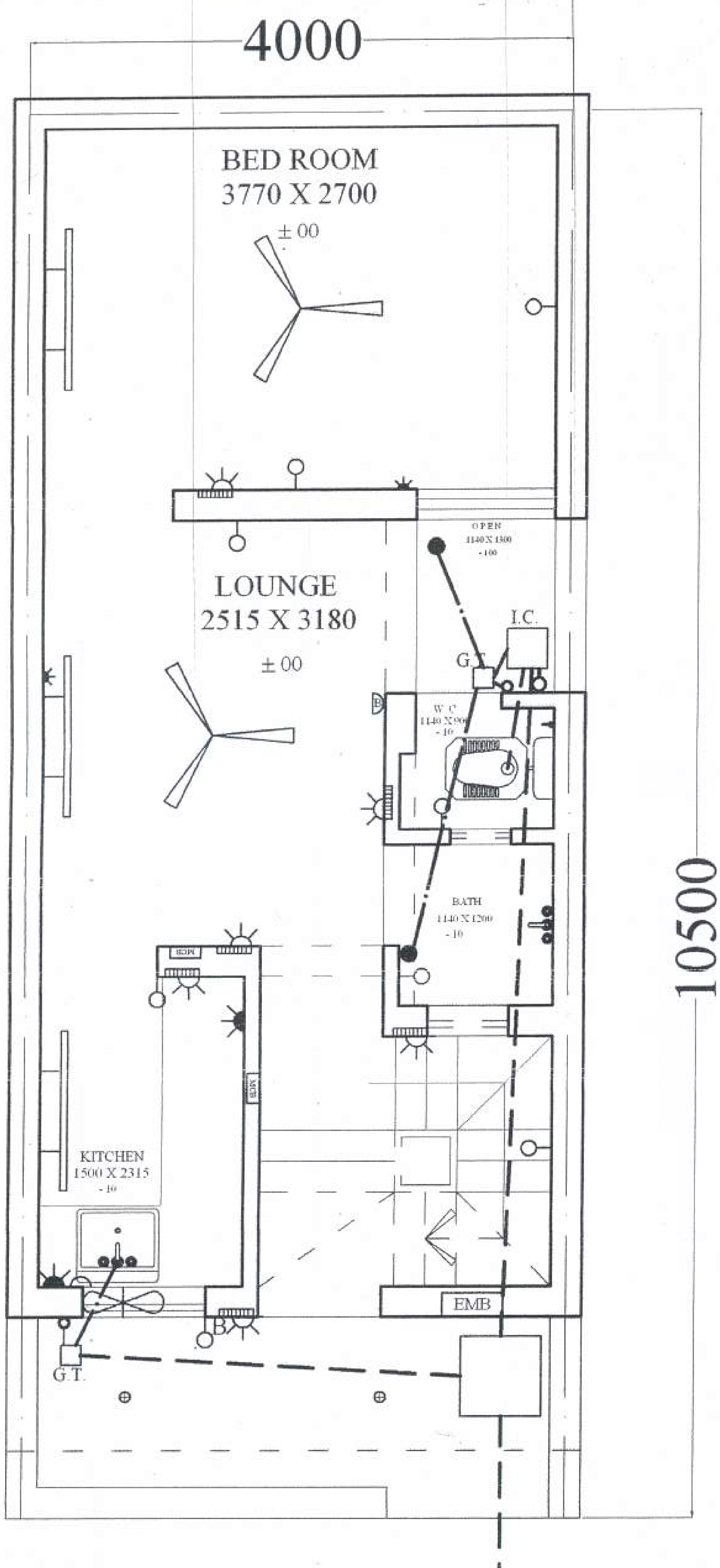
1. ALL DIMENSIONS ARE IN M.M.
2. TOTAL AREA OF PLOT 42.00 SQ.MTS.
3. AVERAGE PLINTH LEVEL 600 TO 750 mm.

TYPE DESIGN OF PLOT SIZE 4.0 X 10.5 M. (E.W.S.)

DRG. NO. RHB/HQ/2010/5	SCALE :-
DATE :- 03-08-2010	FILE NO.
DEALT :-G.L. SHARMA	CHD. B.S. RAJPUROHIT
(KAILASH NARAIN) ASSISTANT ARCHITECT	DEPUTY TOWN PLANNER
(MOHAN TAORI) ADD. CHEIF TOWN PLANNER	(H.C. AGARWAL) CHIEF ENGINEER

RAJASTHAN HOUSING BOARD

Resident Engineer
R.H.B. Div. Kota



GROUND FLOOR PLAN

ELECTRICAL SYMBOLS :-

- CEILING FAN
- 50 MM ROUND CEILING LIGHT BOX
- SWITCH BOARD(+ 1200)
- CEILING ROSE
- TUBE LIGHT(+ 2500)
- WALL LIGHT(+ 2500)
- 5 AMP. SOCKET (+1200)
- 15/20 AMP. SOCKET FOR COOLER(+300) . KITCHEN (+1500) AND GYSER (+2100)
- EXHAUST FAN
- BELL SWITCH
- ELECTICAL METER BOARD
- M.C.B.

SANITARY SYMBOLS :-

- W.C.
- PIPE 100MM DIA.
- PIPE 75MM DIA.
- TAP (MIXER) +1000
- JALI
- TAP (+300)
- GAIL TRAP (150 X 150)
- INSPECTION CHAMBER (300 X 300)
- WASH WASHING (+800)
- M.H. MAIN HOLE (600 X 600)

NOTE :-
ALL DIMENSIONS ARE IN M.M.

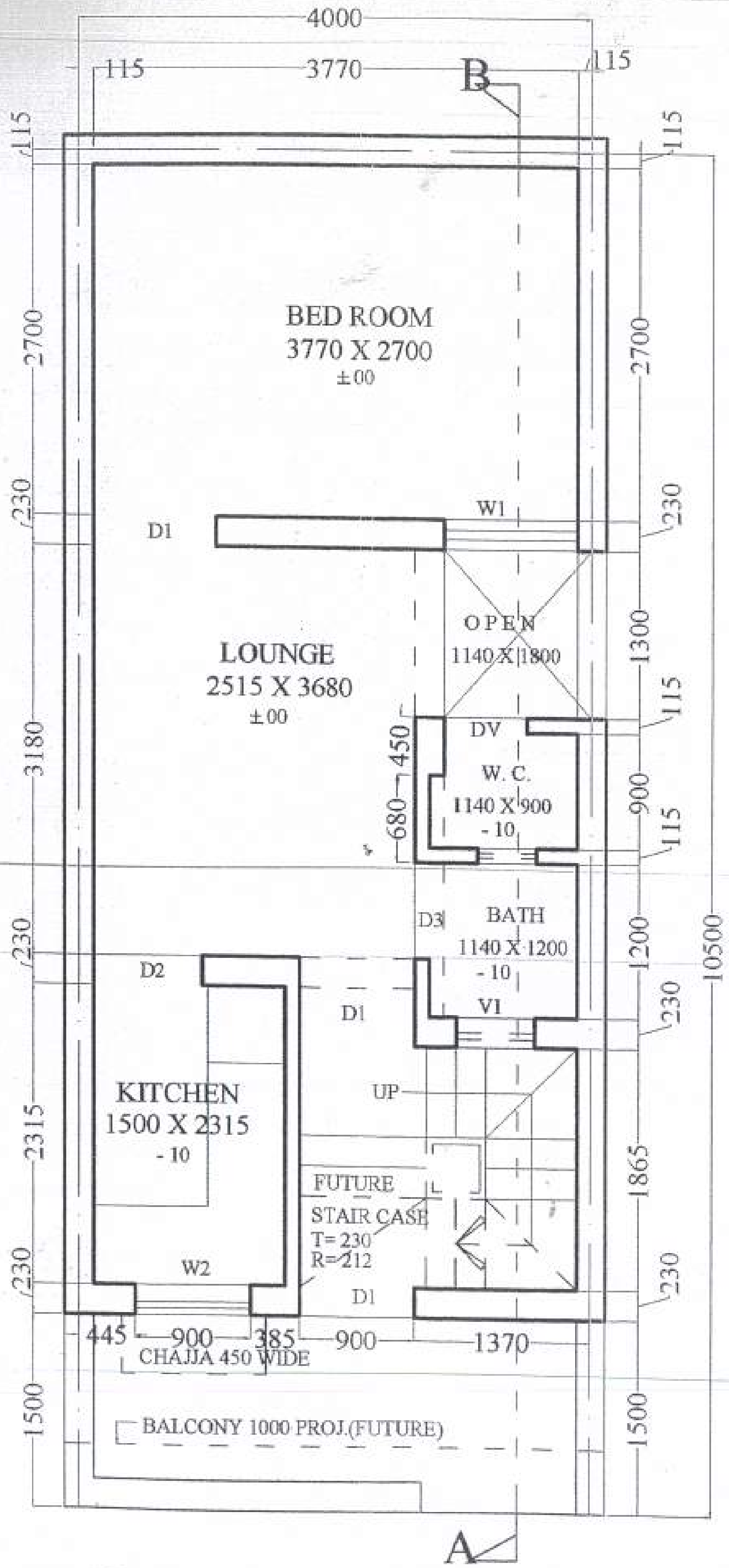
TYPE DESIGN OF PLOT SIZE 4.00 X 10.50 M (E.W.S.)

ELECTRICAL & SANITARY DETAIL.

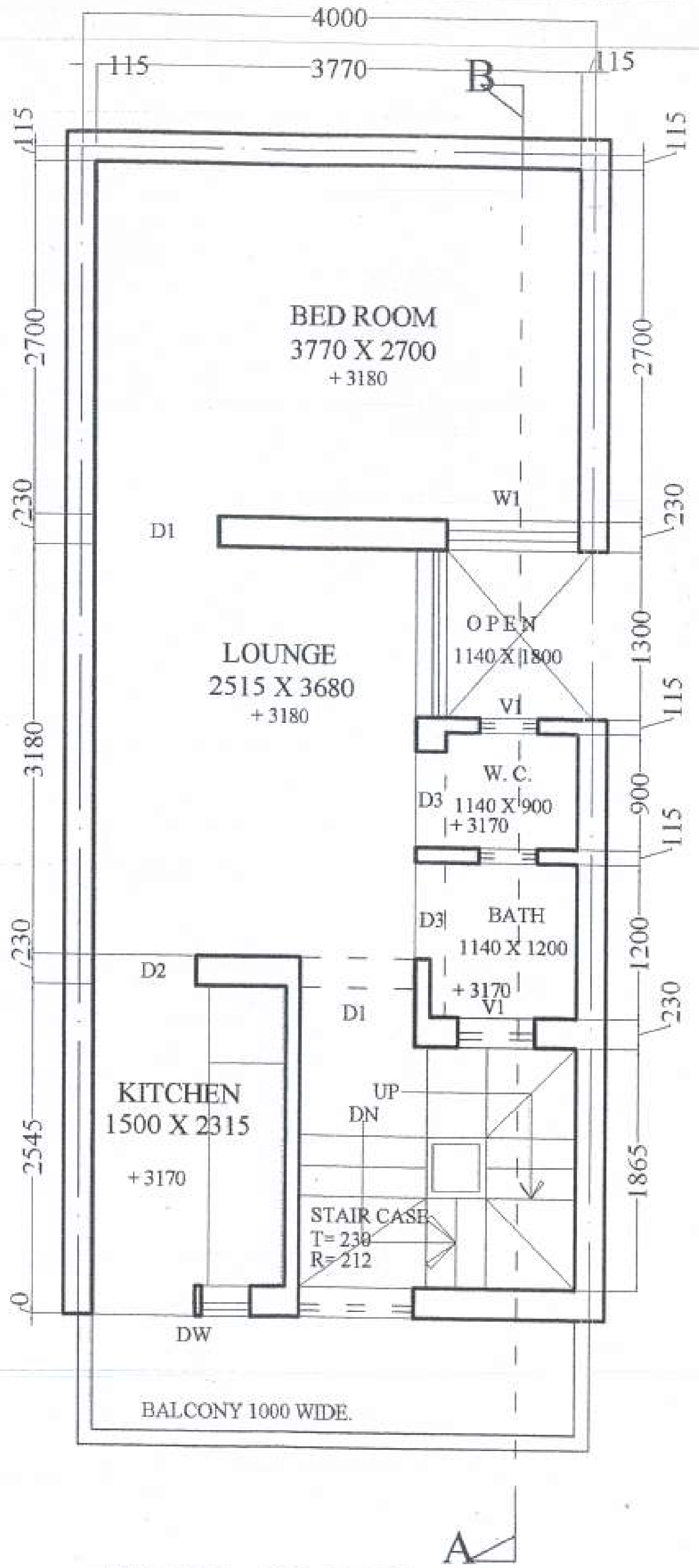
DRG.NO.:-RHB HQ 2010 5 E.S.	SCALE :-
DATE:-02-09-2010	FILE NO :-
DEALT :- B.S. RAJPUROHIT	C H D:-
(KAILASH NARAIN) ASSISTANT ARCHITECT	DEPUTY TOWN PLANNER
(M.TAORI) ADD. CHIEF TOWN PLANNER	(H.C. AGARWAL) CHIEF ENGINEER

RAJASTHAN HOUSING BOARD

Resident Engineer
R.H.B. Div. Kota



GROUND FLOOR PLAN



FIRST FLOOR PLAN

(FUTURE)

NOTES :-

A.GENERAL

1. ALL DRAWINGS TO BE READ IN CONJUNCTION WITH ARCHITECTRAL DRAWING
2. DRAWINGS NOT TO BE SCALED

B. FOR ROW HOUSES :-

1. THE DWELLING UNIT HAS BEEN DESIGNED AS A MIDDLE HOUSE IN A ROW OF SAME SIZE HOUSES.
2. FOR CORNER HOUSE/END HOUSE AT EXPANSION JOINT & HOUSE WITH CURTAILED SLAB AREA, SLAB REINFORCEMENT BENT-UP SCHEDULE IS TO BE REVISED AS PER DRG. NO S-01.
3. EXPANSION JOINTS IN MASONARY ROW HOUSES ARE TO BE PROVIDED AS PER SITE CONDITIONS, AT NOT MORE THAN 45M INTERVALS. (CLAUSE 27.2 IS-456-2000) HOWEVER ATTEMPT BE MADE TO RESTRICT THIS LENGTH TO 30M TO RESTRICT CRACKS IN MASONARY DUE TO THERMAL MOVEMENT OF CONTINUOUS R.C.C. SLAB.
4. FOUNDATION DESIGNS ARE TO BE DONE BY CONCERNED RESIDENT ENGINEER AS PER GEOTECHNICAL/ FIELD OBSERVATIONS & BE GOT APPROVED BY DY. HOUSING COMMISSIONERS BEFORE STRAT OF WORK AT SITE.
5. FOR HOUSES LOCATED IN SEISMIC ZONE III & IV, BENDS AT PLINTH LVL. & LINTEL LVL. & ROOF LVL. ,ARE TO BE PROVIDED AS PER IS:- 4326: 1993 & IS: 13828 : 1993 DEPENDING UPON TYPE OF SOIL STRATA AND SEISMIC ZONE LOCATION OF HOUSES.
6. FOR HOUSES, LOCATED IN ZONE II, NOMINAL D.P.C., LINTEL BAND IS TO BE PROVIDED AS PER DRG. NO.S-02

C.FOR R.C.C. WORK :-

1. CONCRETE GRADE OF M-20 & HYSD BARS OF FE-415 (CONFORMING TO IS: 1786-2008) IS CONSIDERED IN DESIGN OF R.C.C. SLAB. & BEAM
2. NOMINAL COVER TO CONCRETE IS TO BE PROVIDED AS PER IS-456-2008 FOR SOME OF R.C.C. COMPONENTS COVER SHALL BE AS FOLLOWS;

PRTICULAR	BOTTOM	TOP	SIDES
SLAB	25MM	25MM	
FOOTING	50MM.	50MM.	50MM.
RETAINING WALL		25MM.	40MM. (EARTH SIDE) 15MM. (IN SIDE)
COLUMNS			40MM.
BEAMS, LINTEL	25MM.	25MM.	25MM.

COVER BLOCK BE MADE OF CONCRETE & OF GRADE NOT LESS THAN GRADE OF CONCRETE USED IN R.C.C.

3. LAP IN SLAB & BEAMS OF SUPER STRUCTURE CLOSE TO MID SPAN ,FOR BOTTOM BARS & CLOSE TO SUPPORT, FOR TOP BARS ,SHALL BE AVOIDED.
4. LAP SHALL BE STAGGERED SO THAT NOT MORE THAN 1/3rd OF BARS SHALL BE LAPPED AT ANY SECTION
5. DEVELOPMENT LENGTH OF STEEL FOR M-20 CONCRETE & FE- 415 STEEL SHALL BE AS FLLOWS :
   A - STEEL IN BENDING TENSIONS Ldt = 48 DIA OF BARS
   B - STEEL IN COMPRESSION Ldc = 38 DIA OF BARS
6. TIES OR DISTRIBUTION REINFORCEMENT IN THE SLAB SHALL BE PROVIDED @ #8@250MMC/C UNLESS OTHERWISE MENTIONED.
7. TORSIONAL REINF.IN SLABS IS TO BE PROVIDED AT ANY CORNER WHERE SLAB IS SIMPLY SUPPORTED ON BOTH EDGES MEETING.AT THAT CORNER & IS PREVENTED FROM LIFTING
8. IN CASE OF ANT DISCREPANCY , PROVISIONS OF IS:456 & SP:34-1987 SHALL APPLY.

TYPE DESIGN OF PLOT SIZE 4.0 X 10.5 M.

DRAWING TITLE:

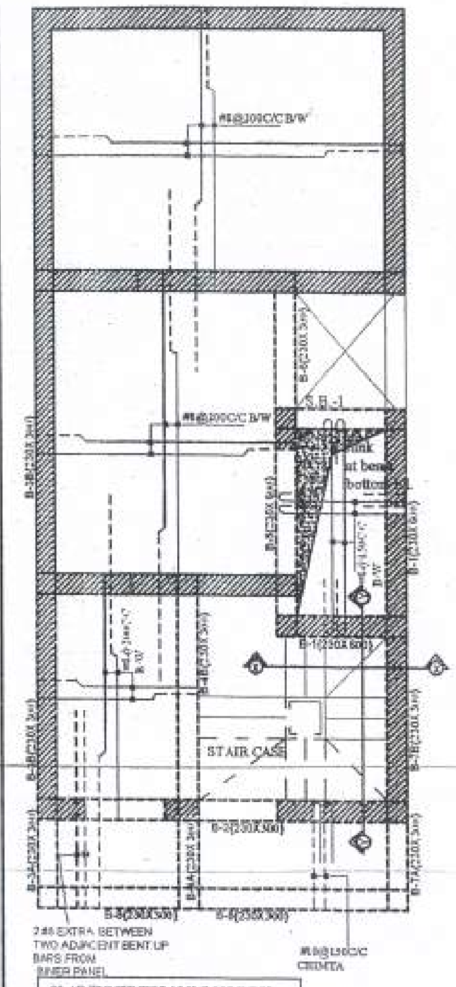
PLAN MARKED WITH R.C.C. COLUMN /SUPPORT

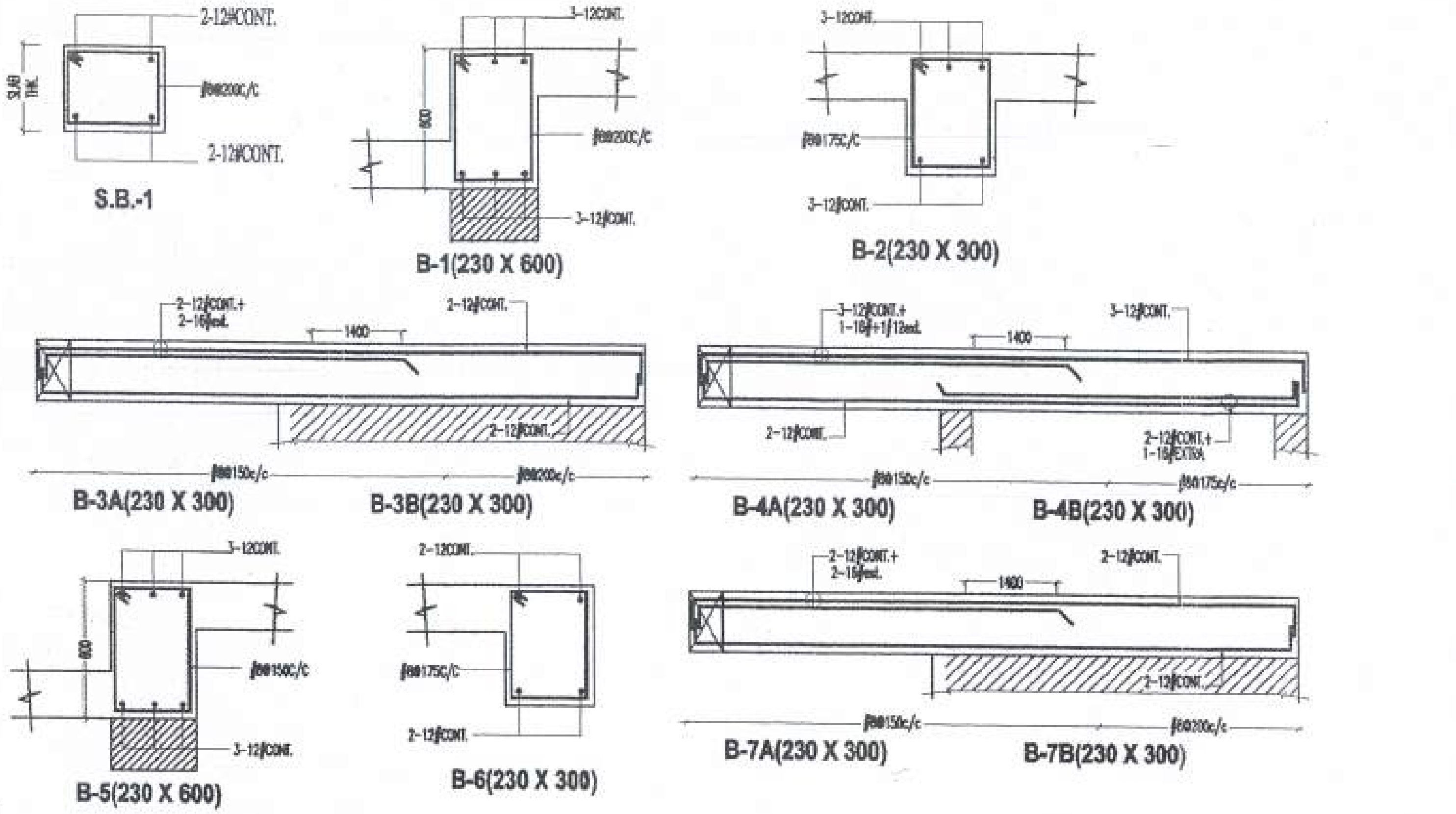
DATED :- 30-7-2010	FILE NO. :-
RESIDENT ENGINEER(R&D)	DEPUTY HOUSING COMMSIONER(Q.C.)
CHIEF ENGINEER	DRG. NO. :-RHB/HQ/2010/5/S-1/2

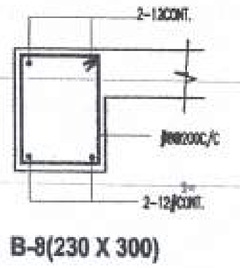
RAJASTHAN HOUSING BOARD

OMPRAKASH
B.Tech (Civil)

Resident Engineer
R.H.B. Div. Kota



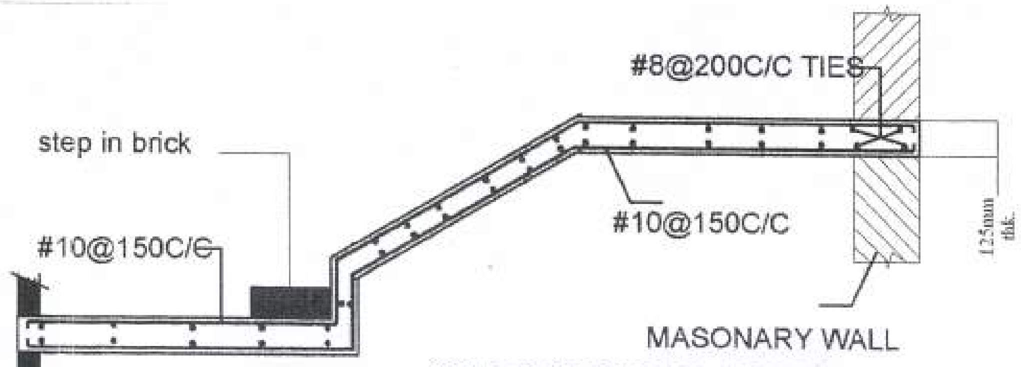




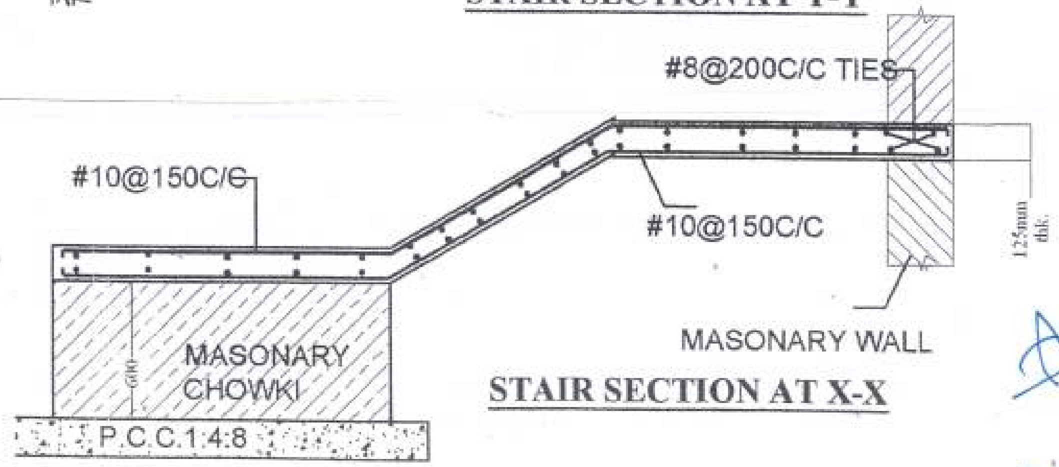
NOTE:-

1.provide 2#12 side face reinf. wherever web depth of beam exceeds 750mm

2.provide #25 spacer bar@750mm c/c,wherever reinf.is to be provided in 2nd layer



STAIR SECTION AT Y-Y



STAIR SECTION AT X-X

OMPRAKASH
B.Tech (Civil)

NOTES :-

A.GENERAL

1. ALL DRAWINGS TO BE READ IN CONJUNCTION WITH ARCHITECTRAL DRAWING
2. DRAWINGS NOT TO BE SCALED

B. FOR ROW HOUSES :-

1. THE DWELLING UNIT HAS BEEN DESIGNED AS A MIDDLE HOUSE IN A ROW OF SAME SIZE HOUSES.
2. FOR CORNER HOUSE/END HOUSE AT EXPANSION JOINT & HOUSE WITH CURTAILED SLAB AREA , SLAB REINFORCEMENT BENT-UP SCHEDULE IS TO BE REVISED AS PER DRG. NO S-01.
3. EXPANSION JOINTS IN MASONARY ROW HOUSES ARE TO BE PROVIDED AS PER SITE CONDITIONS , AT NOT MORE THAN 45M INTERVALS. (CLAUSE 27.2 IS-456-2000) HOWEVER ATTEMPT BE MADE TO RESTRICT THIS LENGTH TO 30M TO RESTRICT CRACKS IN MASONARY DUE TO THERMAL MOVEMENT OF CONTINUOUS R.C.C. SLAB.
4. FOUNDATION DESIGNS ARE TO BE DONE BY CONCERNED RESIDENT ENGINEER AS PER GEOTECHNICAL/ FIELD OBSERVATIONS & BE GOT APPROVED BY DY. HOUSING COMMISSIONERS BEFORE STRAT OF WORK AT SITE .
5. FOR HOUSES LOCATED IN SEISMIC ZONE III & IV ,BENDS AT PLINTH LVL. & LINTEL LVL. & ROOF LVL. ,ARE TO BE PROVIDED AS PER IS:- 4326: 1993 & IS: 13828 ; 1993DEPENDING UPON TYPE OF SOIL STRATA AND SEISMIC ZONE LOCATION OF HOUSES.
6. FOR HOUSES , LOCATED IN ZONE II, NOMINAL D.P.C., LINTEL BAND IS TO BE PROVIDED AS PER DRG. NO.S-02

C.FOR R.C.C. WORK :-

1. CONCRETE GRADE OF M-20 & HYSD BARS OF FE-415 (CONFORMING TO IS: 1786-2008) IS CONSIDERED IN DESIGN OF R.C.C. SLAB , & BEAM
2. NOMINAL COVER TO CONCRETE IS TO BE PROVIDED AS PER IS-456-2008 FOR SOME OF R.C.C. COMPONENTS COVER SHALL BE AS FOLLOWS;

PRTICULAR	BOTTOM	TOP	SIDES
SLAB	25MM	25MM	
FOOTING	50MM.	50MM.	50MM.
RETAINING WALL		25MM.	40MM. (EARTH SIDE) 15MM. (IN SIDE)
COLUMNS			40MM.
BEAMS, LINTEL	25MM.	25MM.	25MM.

COVER BLOCK BE MADE OF CONCRETE & OF GRADE NOT LESS THAN GRADE OF CONCRETE USED IN R.C.C.

3. LAP IN SLAB & BEAMS OF SUPER STRUCTURE CLOSE TO MID SPAN ,FOR BOTTOM BARS & CLOSE TO SUPPORT, FOR TOP BARS ,SHALL BE AVOIDED.
4. LAP SHALL BE STAGGERED SO THAT NOT MORE THAN1/3rd OF BARS SHALL BE LAPPED AT ANY SECTION
5. DEVELOPMENT LENGTH OF STEEL FOR M-20 CONCRETE &FE- 415 STEEL SHALL BE AS FLLOWS :
   A - STEEL IN BENDING TENSIONS Ldt = 48 DIA OF BARS
   B - STEEL IN COMPRESSION Ldc = 38 DIA OF BARS
6. TIES OR DISTRIBUTION REINFORCEMENT IN THE SLAB SHALL BE PROVIDED @ #8@250MMC/C UNLESS OTHERWISE MENTIONED.
7. TORSIONAL REINF.IN SLABS IS TO BE PROVIDED AT ANY CORNER WHERE SLAB IS SIMPLY SUPPORTED ON BOTH EDGES MEETING AT THAT CORNER & IS PREVENTED FROM LIFTING
8. IN CASE OF ANT DISCREPANCY , PROVISIONS OF IS:456 & SP:34-1987 SHALL APPLY.

TYPE DESIGN OF PLOT SIZE
4.0 X 10.5 M.

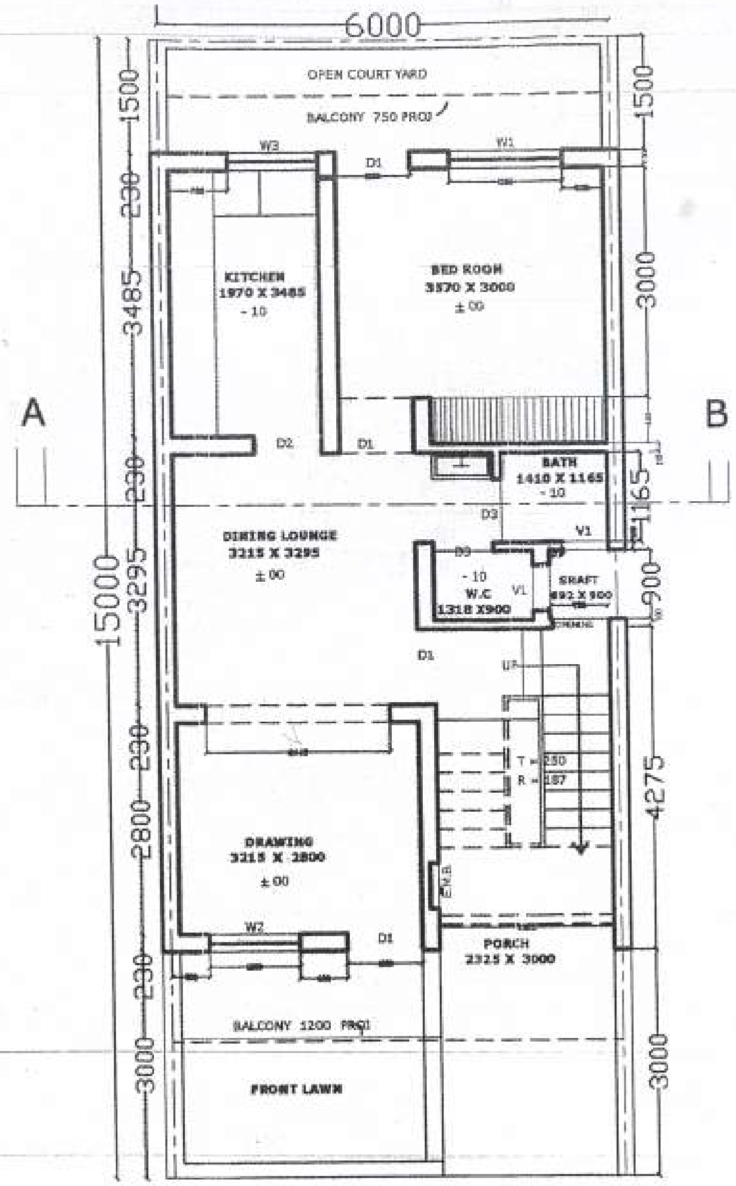
DRAWING TITLE:

GROUND FLOOR ROOF & BEAM,STAIR DETAIL

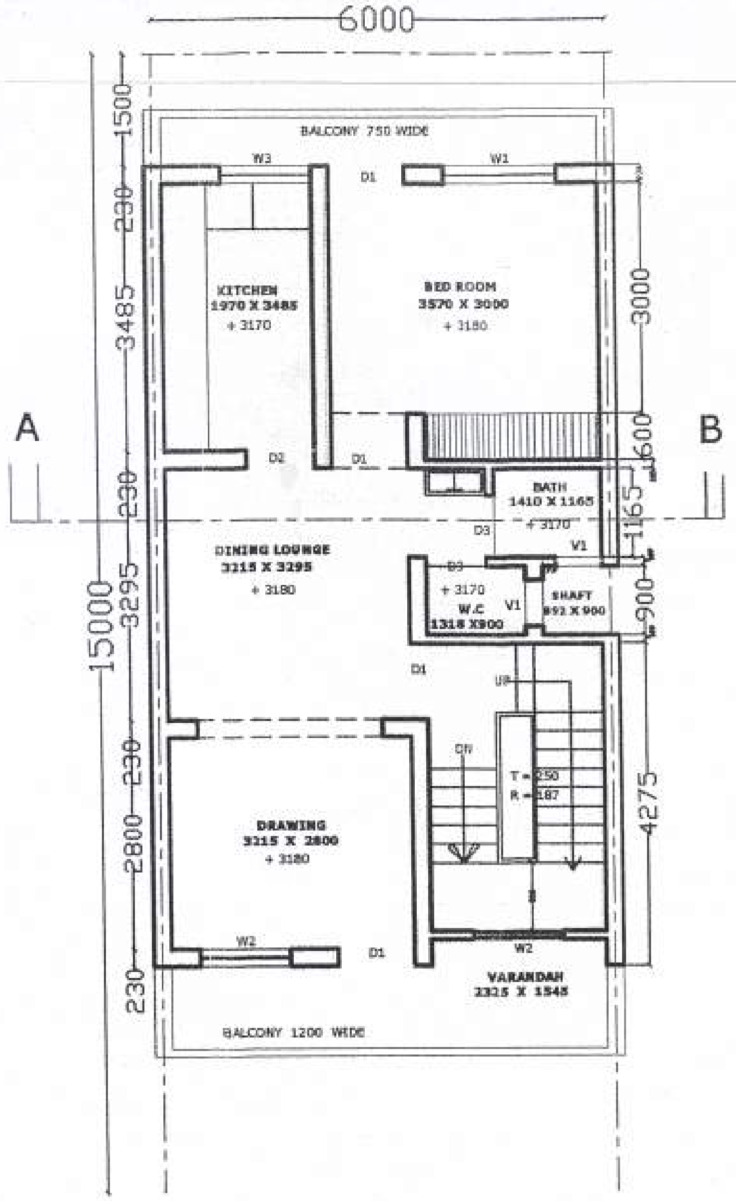
DATED :- 30-7-2010	FILE NO. :-
RESIDENT ENGINEER(R&D)	DEPUTY HOUSING COMMISIONER(Q.C.)
CHIEF ENGINEER	DRG. NO. :-RHB/HQ/2010/5/S-2/2

RAJASTHAN HOUSING BOARD

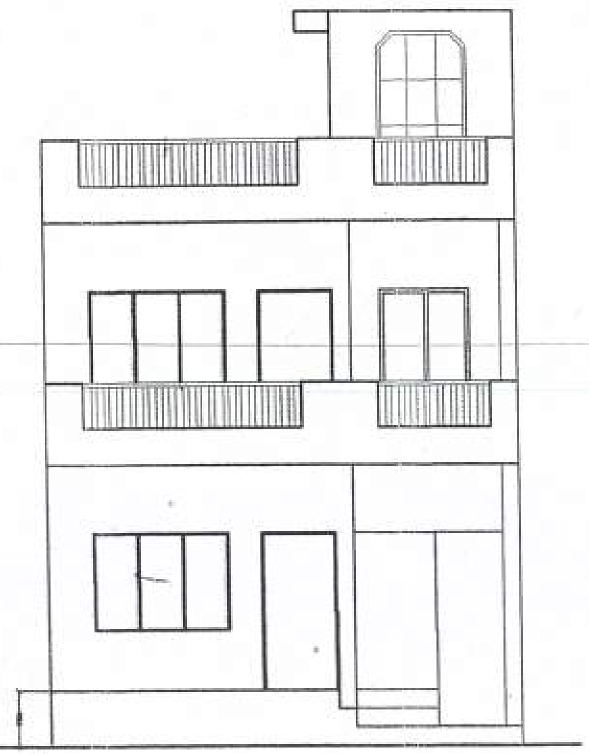
Resident Engineer
R.H.B. Div. Kota



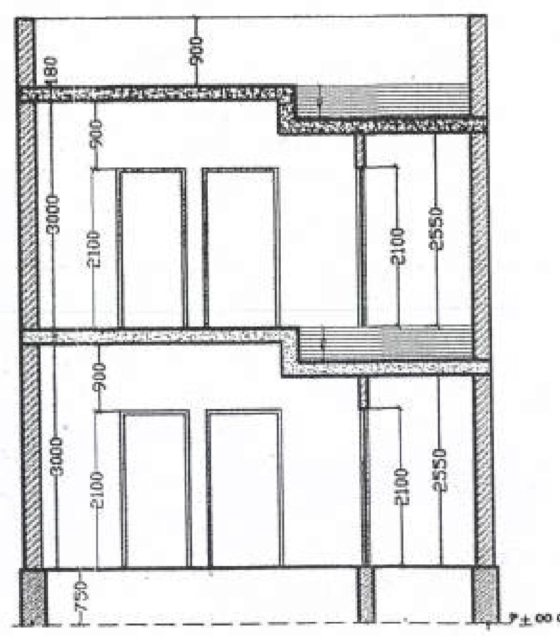
GROUND FLOOR PLAN



FIRST FLOOR PLAN (FUTURE)



FRONT EVEVATION



SECCTION AT AB

SCHEDULE OF OPENINGS :-

S.NO	TYPE	SIZE	SILL	LINTEL LVL
1.	D1	1000 X 2100	–	2100
2.	D2	900 X 2100	–	2100
3.	D3	800 X 2100	–	2100
4.	W1	1500 X 1200	900	2100
5.	W2	1200 X 1200	900	2100
6.	W3	1200 X 1000	1100	2100
7.	V1	600 X 600	1500	2100

Resident Engineer
R.H.B. Div. Kota

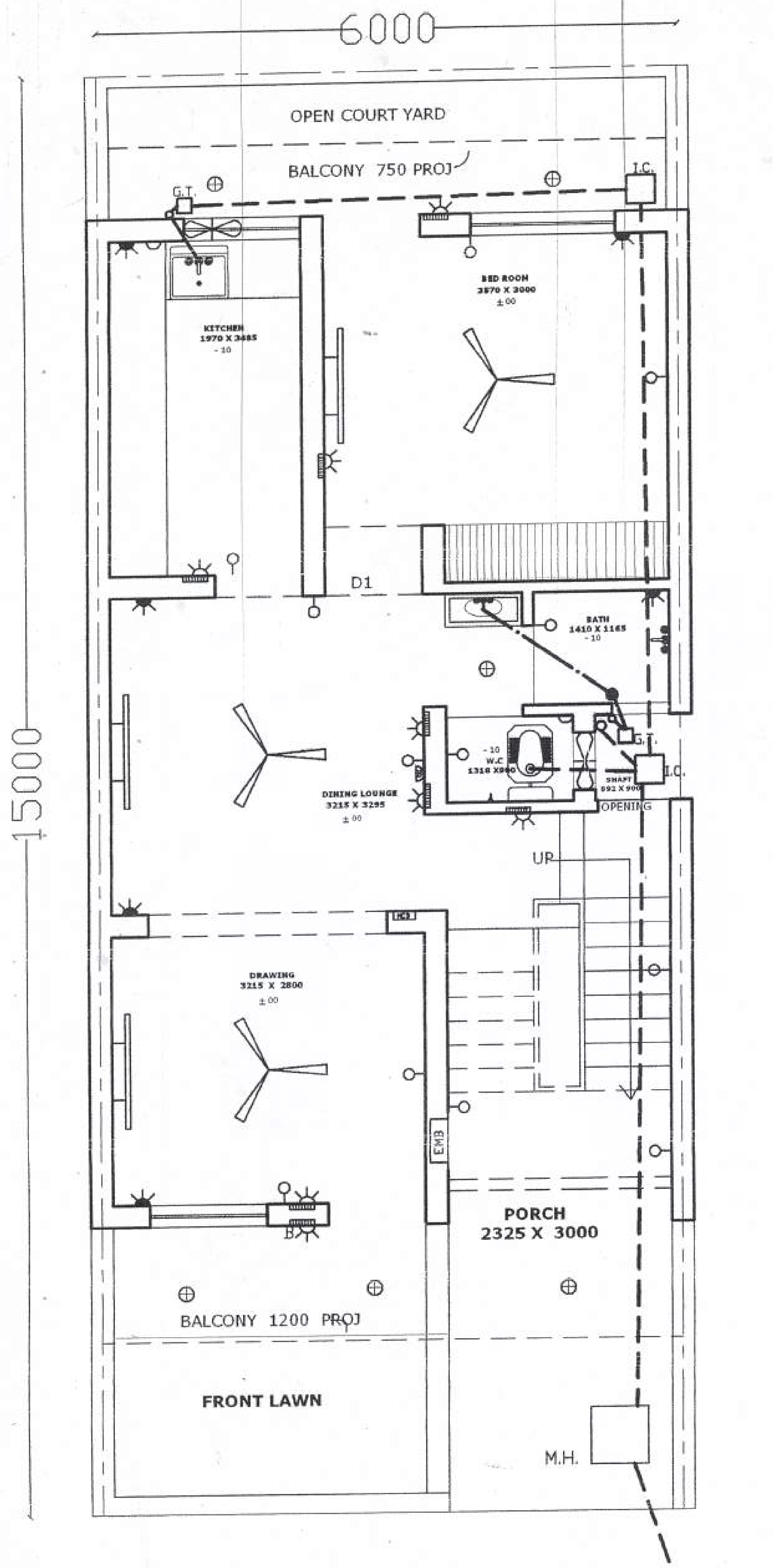
NOTE :-

1. ALL DIMENSIONS ARE IN MM
2. PLOT AREA = 90.00 SQ.M.
3. AVERAGE PLINTH LEVEL 600 TO 750 MM

TYPE DESIGN OF PLOT SIZE 6000 X 15000 M.M (L. I. G.)

DRG.NO.RHB/HQ/2010/8	SCALE :
DATE 18-08-2010	FILE NO
DEALT :- B.S.RAJPUROHIT	C H D:- B.S.RAJPUROHIT
(KAILASH NARAIN) ASSISTANT ARCHITECT	DEPUTY TOWN PLANNER
(M.TAORI) ADD. CHIEF TOWN PLANNER	(H.C. AGARWAL) CHIEF ENGINEER

RAJASTHAN HOUSING BOARD



GROUND FLOOR PLAN

ELECTRICAL SYMBOLS :-

- CEILING FAN
- 50 MM ROUND CEILING LIGHT BOX
- SWITCH BOARD(+ 1200)
- CEILING ROSE
- TUBE LIGHT(+ 2500)
- WALL LIGHT(+ 2500)
- 5 AMP. SOCKET (+1200)
- 15/20 AMP. SOCKET FOR COOLER(+300) , KITCHEN (+1500) AND GYSER (+2100)
- EXHAUST FAN
- BELL SWITCH
- ELECTICAL METER BOARD
- M.C.B.

SANITARY SYMBOLS :-

- W.C.
- PIPE 100MM DIA.
- PIPE 75MM DIA.
- TAP (MIXER) +1000
- JALI
- TAP (+300)
- GAIL TRAP (150 X 150)
- INSPECTION CHAMBER (300 X 300)
- WASH WASHING (+800)
- MAIN HOLE (600 X 600)

NOTE :-
ALL DIMENSIONS ARE IN M.M.

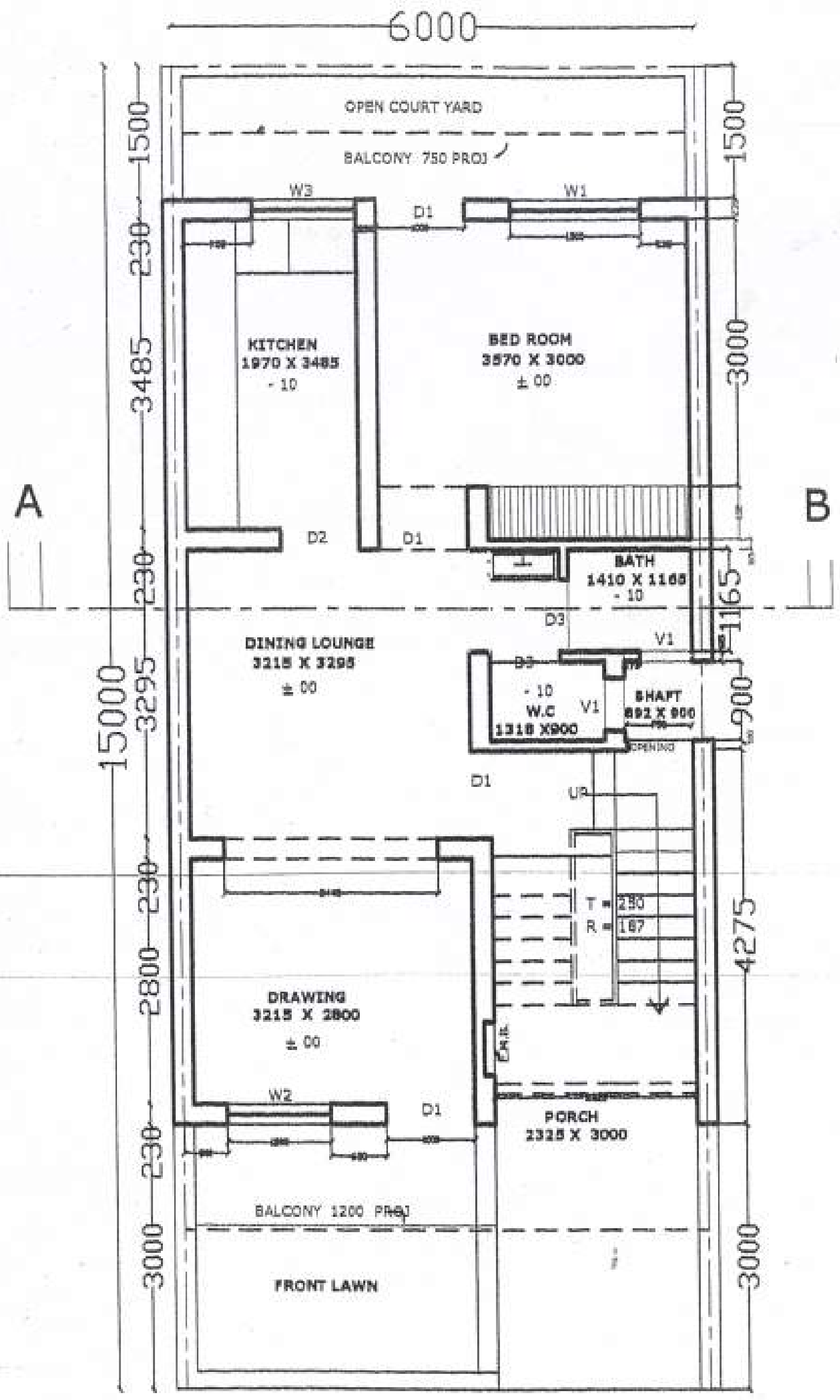
TYPE DESIGN OF PLOT SIZE 6.00 X 15.00 M (L.I.G)

ELECTRICAL & SANITARY DETAIL.

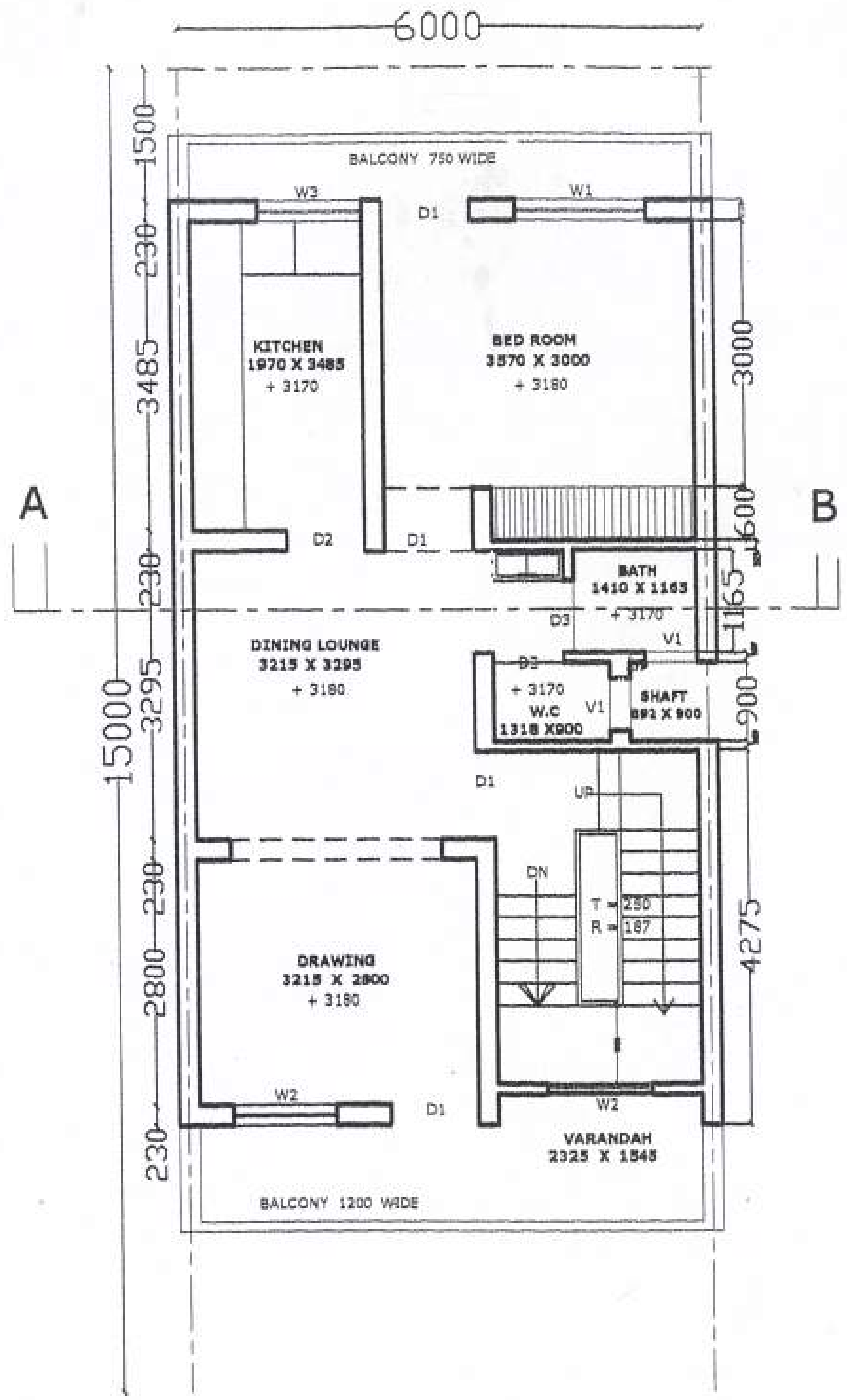
DRG.NO.:-RHB/HQ/2010/8/E.S.	SCALE :-
DATE:-01-09-2010	FILE NO :-
DEALT :- B.S. RAJPUROHIT	C H D:-
(KAILASH NARAIN) ASSISTANT ARCHITECT	DEPUTY TOWN PLANNER
(M.TAORI) ADD. CHIEF TOWN PLANNER	(H.C. AGARWAL) CHIEF ENGINEER

RAJASTHAN HOUSING BOARD

Resident Engineer
R.H.B. Div. Kota



GROUND FLOOR PLAN



FIRST FLOOR PLAN (FUTURE)

Omprakash
OMPRAKASH
B.Tech (Civil)

Resident Engineer
R.H.B. Div. Kota

NOTES :-

A.GENERAL

1. ALL DRAWINGS TO BE READ IN CONJUNCTION WITH ARCHITECTRAL DRAWING
2. DRAWINGS NOT TO BE SCALED

B. FOR ROW HOUSES :-

1. THE DWELLING UNIT HAS BEEN DESIGNED AS A MIDDLE HOUSE IN A ROW OF SAME SIZE HOUSES.
2. FOR CORNER HOUSE/END HOUSE AT EXPANSION JOINT & HOUSE WITH CURTAILED SLAB AREA, SLAB REINFORCEMENT BENT-UP SCHEDULE IS TO BE REVISED AS PER DRG. NO S-01.
3. EXPANSION JOINTS IN MASONARY ROW HOUSES ARE TO BE PROVIDED AS PER SITE CONDITIONS, AT NOT MORE THAN 45M INTERVALS. (CLAUSE 27.2 IS-456-2000) HOWEVER ATTEMPT BE MADE TO RESTRICT THIS LENGTH TO 30M TO RESTRICT CRACKS IN MASONARY DUE TO THERMAL MOVEMENT OF CONTINUOUS R.C.C. SLAB.
4. FOUNDATION DESIGNS ARE TO BE DONE BY CONCERNED RESIDENT ENGINEER AS PER GEOTECHNICAL/ FIELD OBSERVATIONS & BE GOT APPROVED BY DY. HOUSING COMMISSIONERS BEFORE STRAT OF WORK AT SITE.
5. FOR HOUSES LOCATED IN SEISMIC ZONE III & IV, BENDS AT PLINTH LVL. & LINTEL LVL. & ROOF LVL. ,ARE TO BE PROVIDED AS PER IS:- 4326: 1993 & IS: 13828 : 1993 DEPENDING UPON TYPE OF SOIL STRATA AND SEISMIC ZONE LOCATION OF HOUSES.
6. FOR HOUSES, LOCATED IN ZONE II, NOMINAL D.P.C., LINTEL BAND IS TO BE PROVIDED AS PER DRG. NO.S-02

C.FOR R.C.C. WORK :-

1. CONCRETE GRADE OF M-20 & HYSD BARS OF FE-415 (CONFORMING TO IS: 1786-2008) IS CONSIDERED IN DESIGN OF R.C.C. SLAB. & BEAM
2. NOMINAL COVER TO CONCRETE IS TO BE PROVIDED AS PER IS-456-2008 FOR SOME OF R.C.C. COMPONENTS COVER SHALL BE AS FOLLOWS;

PRTICULAR	BOTTOM	TOP	SIDES
SLAB	25MM	25MM	-
FOOTING	50MM.	50MM.	50MM.
RETAINING WALL		25MM.	40MM. (EARTH SIDE) 15MM. (IN SIDE)
COLUMNS			40MM.
BEAMS, LINTEL	25MM.	25MM.	25MM.

COVER BLOCK BE MADE OF CONCRETE & OF GRADE NOT LESS THAN GRADE OF CONCRETE USED IN R.C.C.

3. LAP IN SLAB & BEAMS OF SUPER STRUCTURE CLOSE TO MID SPAN, FOR BOTTOM BARS & CLOSE TO SUPPORT, FOR TOP BARS, SHALL BE AVOIDED.
4. LAP SHALL BE STAGGERED SO THAT NOT MORE THAN 1/3rd OF BARS SHALL BE LAPPED AT ANY SECTION
5. DEVELOPMENT LENGTH OF STEEL FOR M-20 CONCRETE & FE- 415 STEEL SHALL BE AS FLLOWS :
   A - STEEL IN BENDING TENSIONS Ldt = 48 DIA OF BARS
   B - STEEL IN COMPRESSION Ldc = 38 DIA OF BARS
6. TIES OR DISTRIBUTION REINFORCEMENT IN THE SLAB SHALL BE PROVIDED @ #8@250MMC/C UNLESS OTHERWISE MENTIONED.
7. TORSIONAL REINF.IN SLABS IS TO BE PROVIDED AT ANY CORNER WHERE SLAB IS SIMPLY SUPPORTED ON BOTH EDGES MEETING AT THAT CORNER & IS PREVENTED FROM LIFTING
8. IN CASE OF ANT DISCREPANCY, PROVISIONS OF IS:456 & SP:34-1987 SHALL APPLY.

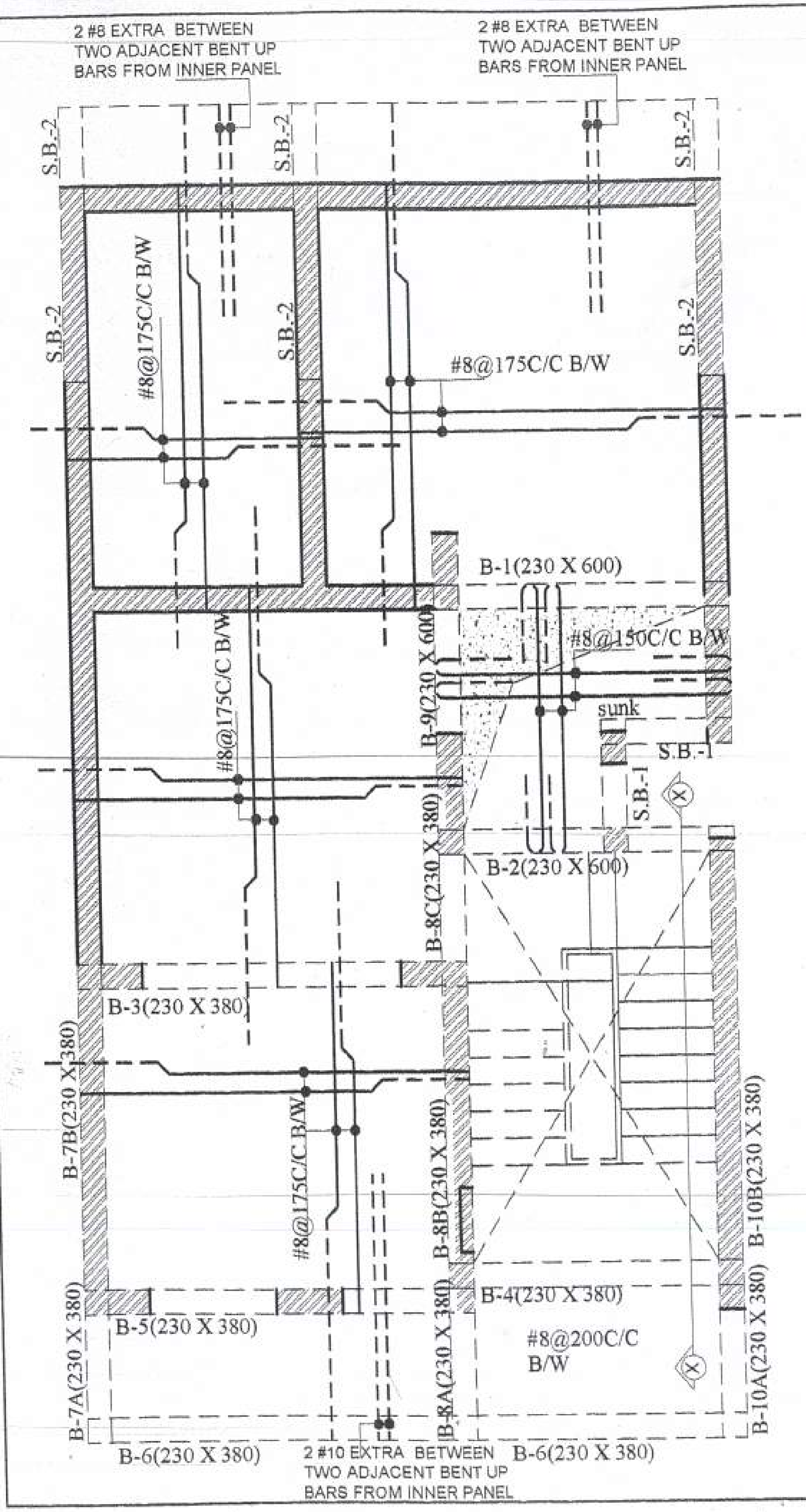
TYPE DESIGN OF PLOT SIZE 6000 X 15000 M.M (L. I. G.)

DRAWING TITLE:

PLAN MARKED WITH R.C.C. COLUMN /SUPPORT

DATED :- 30-7-2010	FILE NO. :-
RESIDENT ENGINEER(R&D)	DEPUTY HOUSING COMMSIONER(Q.C.)
CHIEF ENGINEER	DRG. NO. :-RHB/HQ/2010/8/S-1/3

RAJASTHAN HOUSING BOARD



SLAB THICKNESS 120MM UNLESS MENTIONED OTHERWISE

OMPRAKASH
B.Tech (Civil)

Resident Engineer
R.H.B. Div. Kota

NOTES :-

A.GENERAL

1. ALL DRAWINGS TO BE READ IN CONJUNCTION WITH ARCHITECTRAL DRAWING
2. DRAWINGS NOT TO BE SCALED

B. FOR ROW HOUSES :-

1. THE DWELLING UNIT HAS BEEN DESIGNED AS A MIDDLE HOUSE IN A ROW OF SAME SIZE HOUSES.
2. FOR CORNER HOUSE/END HOUSE AT EXPANSION JOINT & HOUSE WITH CURTAILED SLAB AREA, SLAB REINFORCEMENT BENT-UP SCHEDULE IS TO BE REVISED AS PER DRG. NO S-01.
3. EXPANSION JOINTS IN MASONARY ROW HOUSES ARE TO BE PROVIDED AS PER SITE CONDITIONS, AT NOT MORE THAN 45M INTERVALS. (CLAUSE 27.2 IS-456-2000) HOWEVER ATTEMPT BE MADE TO RESTRICT THIS LENGTH TO 30M TO RESTRICT CRACKS IN MASONARY DUE TO THERMAL MOVEMENT OF CONTINUOUS R.C.C. SLAB.
4. FOUNDATION DESIGNS ARE TO BE DONE BY CONCERNED RESIDENT ENGINEER AS PER GEOTECHNICAL/ FIELD OBSERVATIONS & BE GOT APPROVED BY DY. HOUSING COMMISSIONERS BEFORE STRAT OF WORK AT SITE.
5. FOR HOUSES LOCATED IN SEISMIC ZONE III & IV, BENDS AT PLINTH LVL. & LINTEL LVL. & ROOF LVL. ,ARE TO BE PROVIDED AS PER IS:- 4326: 1993 & IS: 13828 : 1993 DEPENDING UPON TYPE OF SOIL STRATA AND SEISMIC ZONE LOCATION OF HOUSES.
6. FOR HOUSES, LOCATED IN ZONE II, NOMINAL D.P.C., LINTEL BAND IS TO BE PROVIDED AS PER DRG. NO.S-02

C.FOR R.C.C. WORK :-

1. CONCRETE GRADE OF M-20 & HYSD BARS OF FE-415 (CONFORMING TO IS: 1786-2008) IS CONSIDERED IN DESIGN OF R.C.C. SLAB. & BEAM
2. NOMINAL COVER TO CONCRETE IS TO BE PROVIDED AS PER IS-456-2008 FOR SOME OF R.C.C. COMPONENTS COVER SHALL BE AS FOLLOWS;

PRTICULAR	BOTTOM	TOP	SIDES
SLAB	25MM	25MM	
FOOTING	50MM.	50MM.	50MM.
RETAINING WALL		25MM.	40MM. (EARTH SIDE) 15MM. (IN SIDE)
COLUMNS			40MM.
BEAMS, LINTEL	25MM.	25MM.	25MM.

COVER BLOCK BE MADE OF CONCRETE & OF GRADE NOT LESS THAN GRADE OF CONCRETE USED IN R.C.C.

3. LAP IN SLAB & BEAMS OF SUPER STRUCTURE CLOSE TO MID SPAN ,FOR BOTTOM BARS & CLOSE TO SUPPORT, FOR TOP BARS ,SHALL BE AVOIDED.
4. LAP SHALL BE STAGGERED SO THAT NOT MORE THAN 1/3rd OF BARS SHALL BE LAPPED AT ANY SECTION
5. DEVELOPMENT LENGTH OF STEEL FOR M-20 CONCRETE & FE- 415 STEEL SHALL BE AS FLLOWS:
   A - STEEL IN BENDING TENSIONS Ldt = 48 DIA OF BARS
   B - STEEL IN COMPRESSION Ldc = 38 DIA OF BARS
6. TIES OR DISTRIBUTION REINFORCEMENT IN THE SLAB SHALL BE PROVIDED @ #8@250MMC/C UNLESS OTHERWISE MENTIONED.
7. TORSIONAL REINF.IN SLABS IS TO BE PROVIDED AT ANY CORNER WHERE SLAB IS SIMPLY SUPPORTED ON BOTH EDGES MEETING.AT THAT CORNER & IS PREVENTED FROM LIFTING
8. IN CASE OF ANT DISCREPANCY, PROVISIONS OF IS:456 & SP:34-1987 SHALL APPLY.

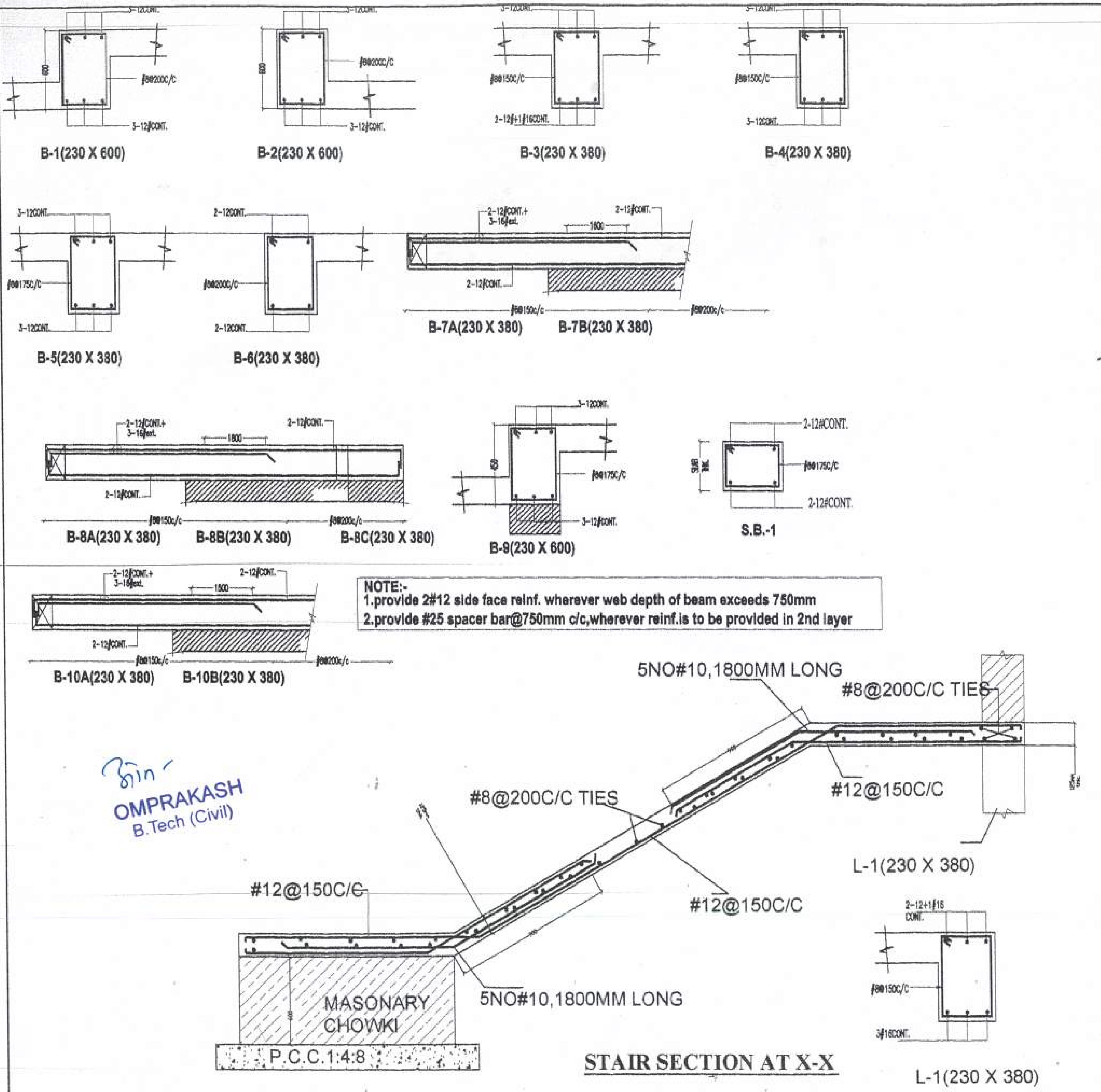
TYPE DESIGN OF PLOT SIZE 6000 X 15000 M.M (L. I. G.)

DRAWING TITLE:

GROUND FLOOR ROOF DETAIL

DATED :- 30-7-2010	FILE NO. :-
RESIDENT ENGINEER(R&D)	DEPUTY HOUSING COMMSIONER(D.C.)
CHIEF ENGINEER	DRG. NO. :-RHB/HQ/2010/8/S-2/3

RAJASTHAN HOUSING BOARD



NOTES :-

A.GENERAL

1. ALL DRAWINGS TO BE READ IN CONJUNCTION WITH ARCHITECTRAL DRAWING
2. DRAWINGS NOT TO BE SCALED

B. FOR ROW HOUSES :-

1. THE DWELLING UNIT HAS BEEN DESIGNED AS A MIDDLE HOUSE IN A ROW OF SAME SIZE HOUSES.
2. FOR CORNER HOUSE/END HOUSE AT EXPANSION JOINT & HOUSE WITH CURTAILED SLAB AREA, SLAB REINFORCEMENT BENT-UP SCHEDULE IS TO BE REVISED AS PER DRG. NO S-01.
3. EXPANSION JOINTS IN MASONARY ROW HOUSES ARE TO BE PROVIDED AS PER SITE CONDITIONS. AT NOT MORE THAN 45M INTERVALS. (CLAUSE 27.2 IS-456-2000) HOWEVER ATTEMPT BE MADE TO RESTRICT THIS LENGTH TO 30M TO RESTRICT CRACKS IN MASONARY DUE TO THERMAL MOVEMENT OF CONTINUOUS R.C.C. SLAB.
4. FOUNDATION DESIGNS ARE TO BE DONE BY CONCERNED RESIDENT ENGINEER AS PER GEOTECHNICAL/ FIELD OBSERVATIONS & BE GOT APPROVED BY DY. HOUSING COMMISSIONERS BEFORE STRAT OF WORK AT SITE.
5. FOR HOUSES LOCATED IN SEISMIC ZONE III & IV, BENDS AT PLINTH LVL. & LINTEL LVL. & ROOF LVL ,ARE TO BE PROVIDED AS PER IS:- 4326: 1993 & IS: 13828 : 1993 DEPENDING UPON TYPE OF SOIL STRATA AND SEISMIC ZONE LOCATION OF HOUSES.
6. FOR HOUSES, LOCATED IN ZONE II, NOMINAL D.P.C., LINTEL BAND IS TO BE PROVIDED AS PER DRG. NO.S-02

C.FOR R.C.C. WORK :-

1. CONCRETE GRADE OF M-20 & HYSD BARS OF FE-415 (CONFORMING TO IS: 1786-2008) IS CONSIDERED IN DESIGN OF R.C.C. SLAB . & BEAM
2. NOMINAL COVER TO CONCRETE IS TO BE PROVIDED AS PER IS-456-2008 FOR SOME OF R.C.C. COMPONENTS COVER SHALL BE AS FOLLOWS:

PRTICULAR	BOTTOM	TOP	SIDES
SLAB	25MM	25MM	
FOOTING	50MM.	50MM.	50MM.
RETAINING WALL		25MM.	40MM. (EARTH SIDE) 15MM. (IN SIDE)
COLUMNS			40MM.
BEAMS, LINTEL	25MM.	25MM.	25MM.

COVER BLOCK BE MADE OF CONCRETE & OF GRADE NOT LESS THAN GRADE OF CONCRETE USED IN R.C.C.

3. LAP IN SLAB & BEAMS OF SUPER STRUCTURE CLOSE TO MID SPAN ,FOR BOTTOM BARS & CLOSE TO SUPPORT, FOR TOP BARS ,SHALL BE AVOIDED.
4. LAP SHALL BE STAGGERED SO THAT NOT MORE THAN 1/3rd OF BARS SHALL BE LAPPED AT ANY SECTION
5. DEVELOPMENT LENGTH OF STEEL FOR M-20 CONCRETE & FE- 415 STEEL SHALL BE AS FLLOWS :
   A - STEEL IN BENDING TENSIONS Ldt = 48 DIA OF BARS
   B - STEEL IN COMPRESSION Ldc = 38 DIA OF BARS
6. TIES OR DISTRIBUTION REINFORCEMENT IN THE SLAB SHALL BE PROVIDED @ #8@250MMC/C UNLESS OTHERWISE MENTIONED.
7. TORSIONAL REINF.IN SLABS IS TO BE PROVIDED AT ANY CORNER WHERE SLAB IS SIMPLY SUPPORTED ON BOTH EDGES MEETING AT THAT CORNER & IS PREVENTED FROM LIFTING
8. IN CASE OF ANT DISCREPANCY , PROVISIONS OF IS:456 & SP:34-1987 SHALL APPLY.

Resident Engineer
R.H.B. Div. Kota

TYPE DESIGN OF PLOT SIZE
6000 X 15000 M.M (L. I. G.)

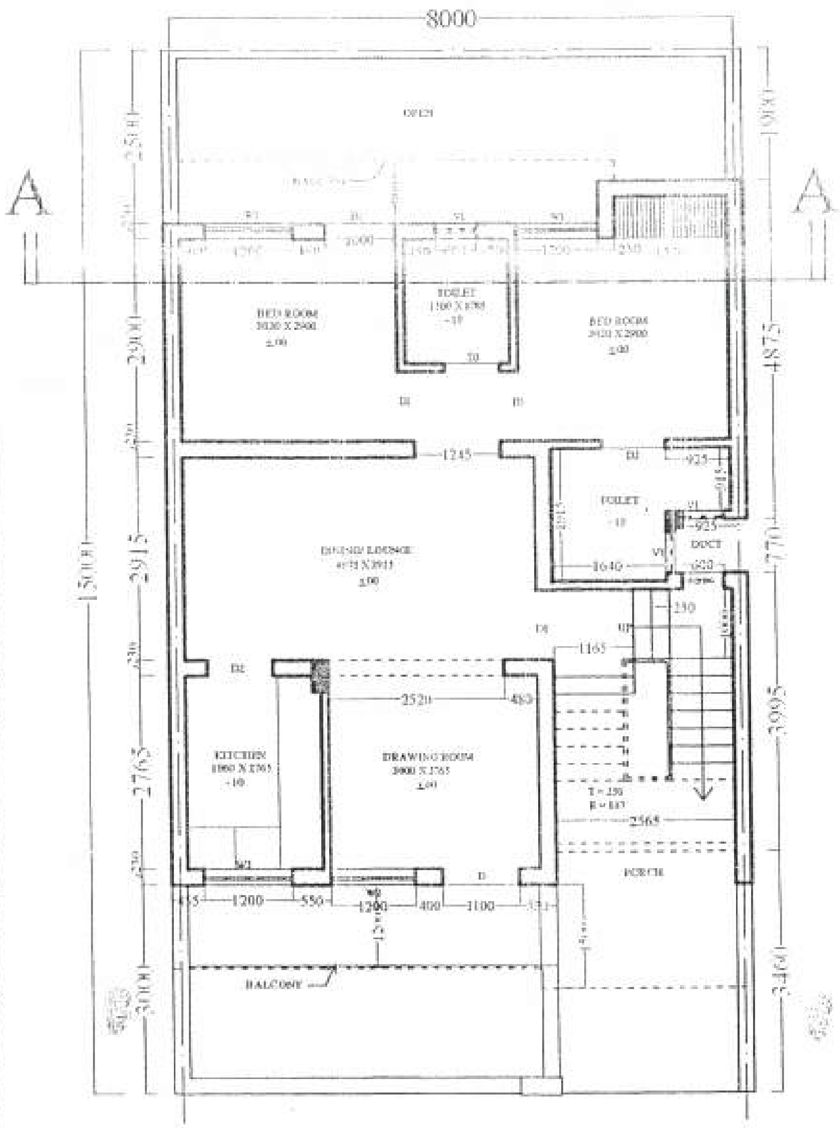
DRAWING TITLE:

GROUND FLOOR ROOF BEAM & STAIR DETAIL

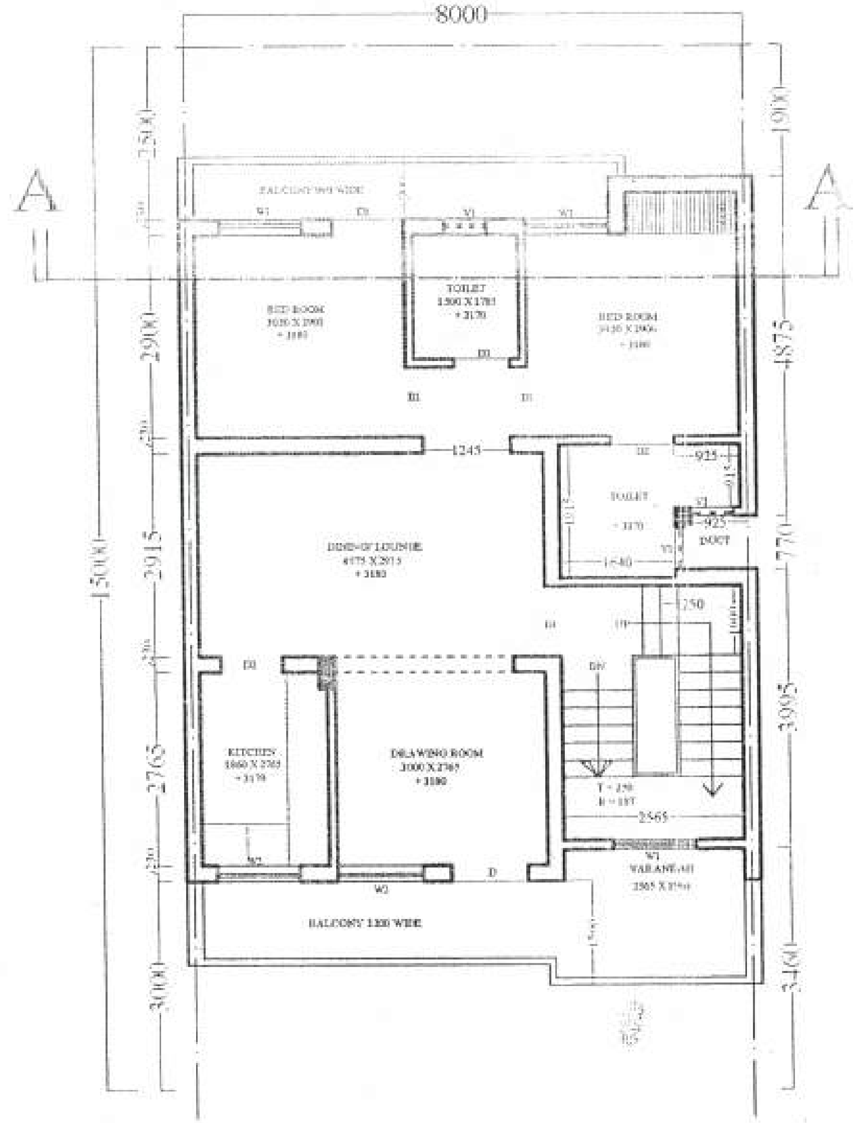
DATED :- 30-7-2010	FILE NO. :-
RESIDENT ENGINEER(R&D)	DEPUTY HOUSING COMMSIONER(Q.C.)
CHIEF ENGINEER	DRG. NO. :-RHB/HQ/2010/8/S-3/3

RAJASTHAN HOUSING BOARD

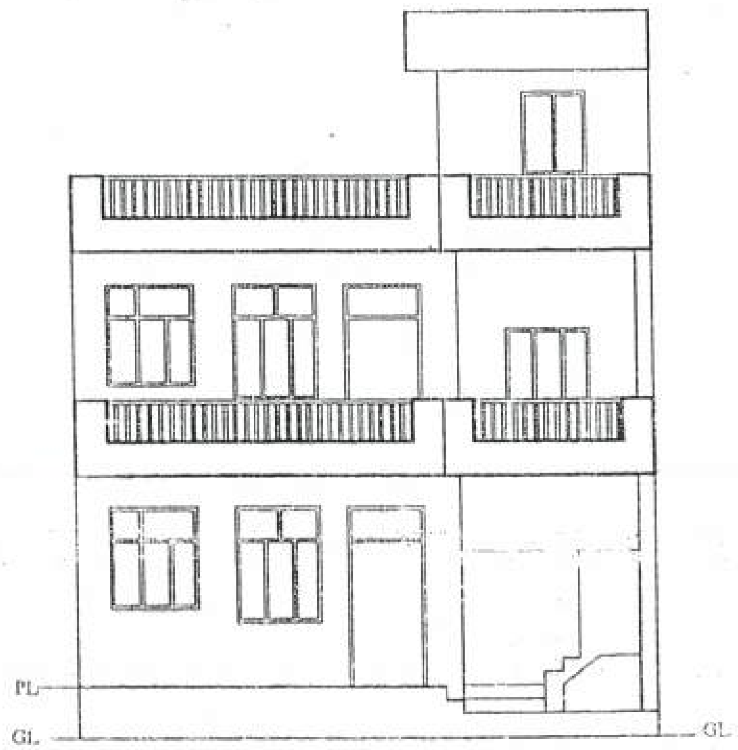
34



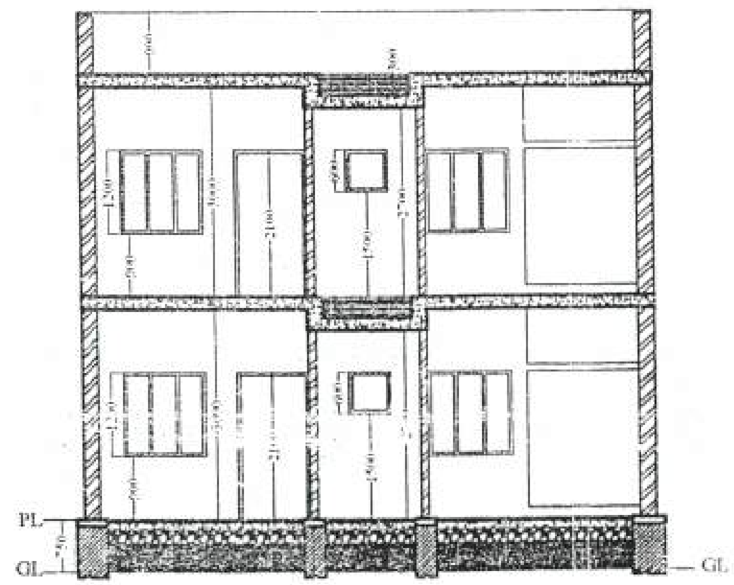
GROUND FLOOR PLAN



FIRST FLOOR PLAN (FUTURE)



FRONT ELEVATION



SECTION AT A-A

SCHEDULE OF OPENING

S. NO	TYPE	SIZE	SIL. LEL	LINTEL LEL
1	D	1000 X 2550	-----	2550
2	D1	1000 X 2100	-----	2100
3	D2	900 X 2100	-----	2100
4	D3	800 X 2100	-----	2100
5	W1	1200 X 1200	900	2100
6	W2	1200 X 1650	900	2550
7	W3	1200 X 1450	1100	2550
8	V 1	600 X 600	1500	2100

Resident Engineer
R. H. B. Div. KOTA

NOTE:-

1 PLOT AREA = 120.00 SQ M.

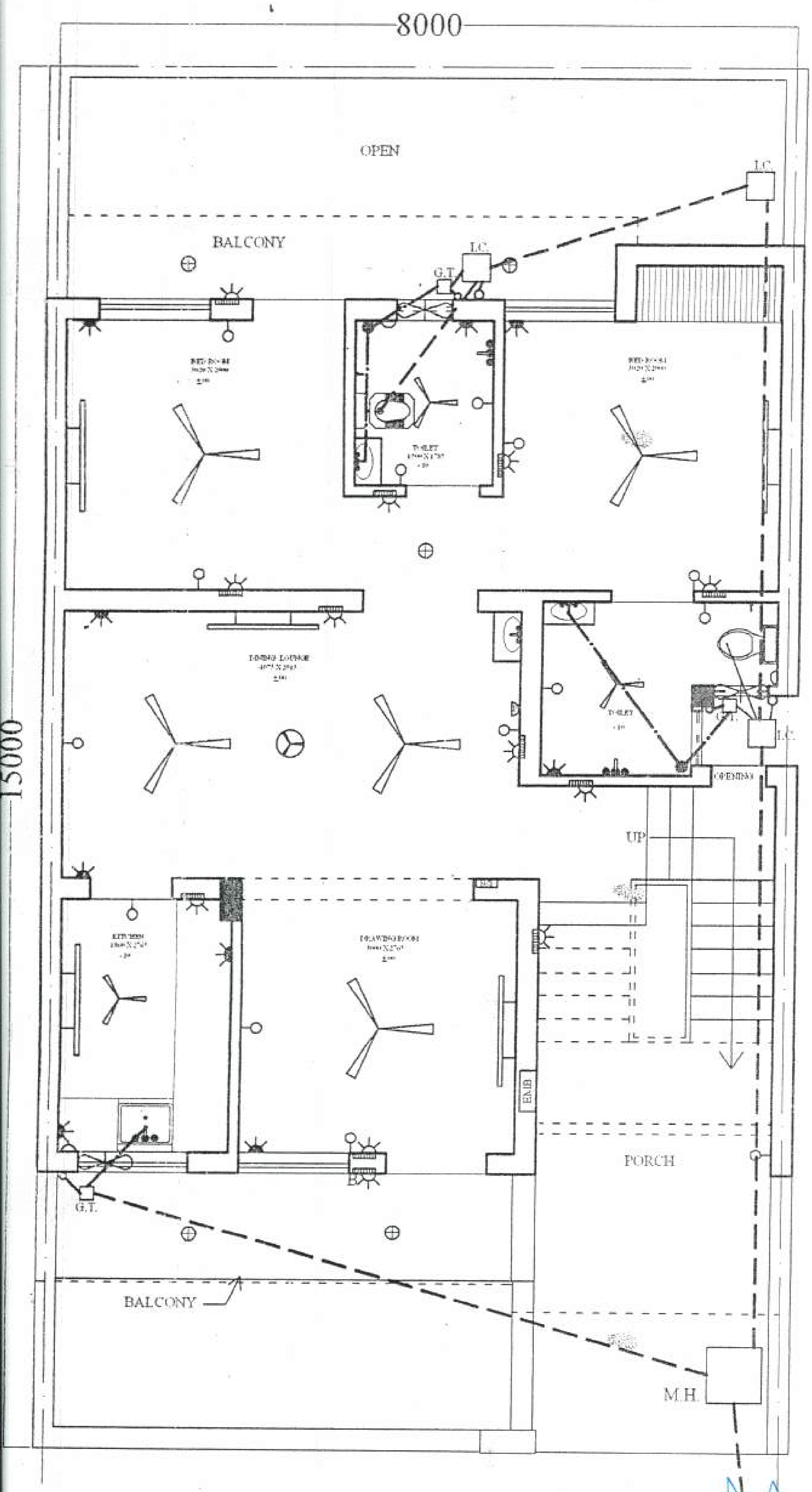
2. AVERAGE PLINTH LEVEL 600 TO 750 MM

3. ALL DIMENSIONS ARE IN MM.

TYPE DESIGN OF PLOT SIZE 8.0X15.0M (M.I.G I)

DRG.:-RHB/HQ/2010/11	SCALE:-
DATED:-18-08-2010	FILE NO:-
DEALT BY:-B.S.RAJPUROHIT	CHECKED:-
(KAILASH NARAIN) ASSISTANT ARCHITECT	DEPUTY TOWN PLANNER
(M. TAORI) ADD. CHIF TOWN PLANNER	(H.C. AGARWAL) CHIEF ENGINEER

RAJASTHAN HOUSING BOARD



GROUND FLOOR PLAN

ELECTRICAL SYMBOLS :-

- CEILING FAN
- 50 MM ROUND CEILING LIGHT BOX
- SWITCH BOARD(+ 1200)
- CEILING ROSE
- TUBE LIGHT(+ 2500)
- WALL LIGHT(+ 2500)
- 5 AMP. SOCKET (+1200)
- 15/20 AMP. SOCKET FOR COOLER(+300) KITCHEN (+1500) AND GYSER (+2100)
- EXHAUST FAN
- BELL SWITCH
- ELECTICAL METER BOARD
- M.C.B.

SANITARY SYMBOLS :-

- W.C.
- PIPE 100MM DIA.
- PIPE 75MM DIA.
- TAP (MIXER) +1000
- JALI
- TAP (+300)
- GAIL TRAP (150 X 150)
- INSPECTION CHAMBER (300 X 300)
- WASH WASHING (+800)
- MAIN HOLE (600 X 600)

NOTE :-
ALL DIMENSIONS ARE IN M.M.

TYPE DESIGN OF PLOT SIZE
8.00 X 15.00 M (M.I.G-I)

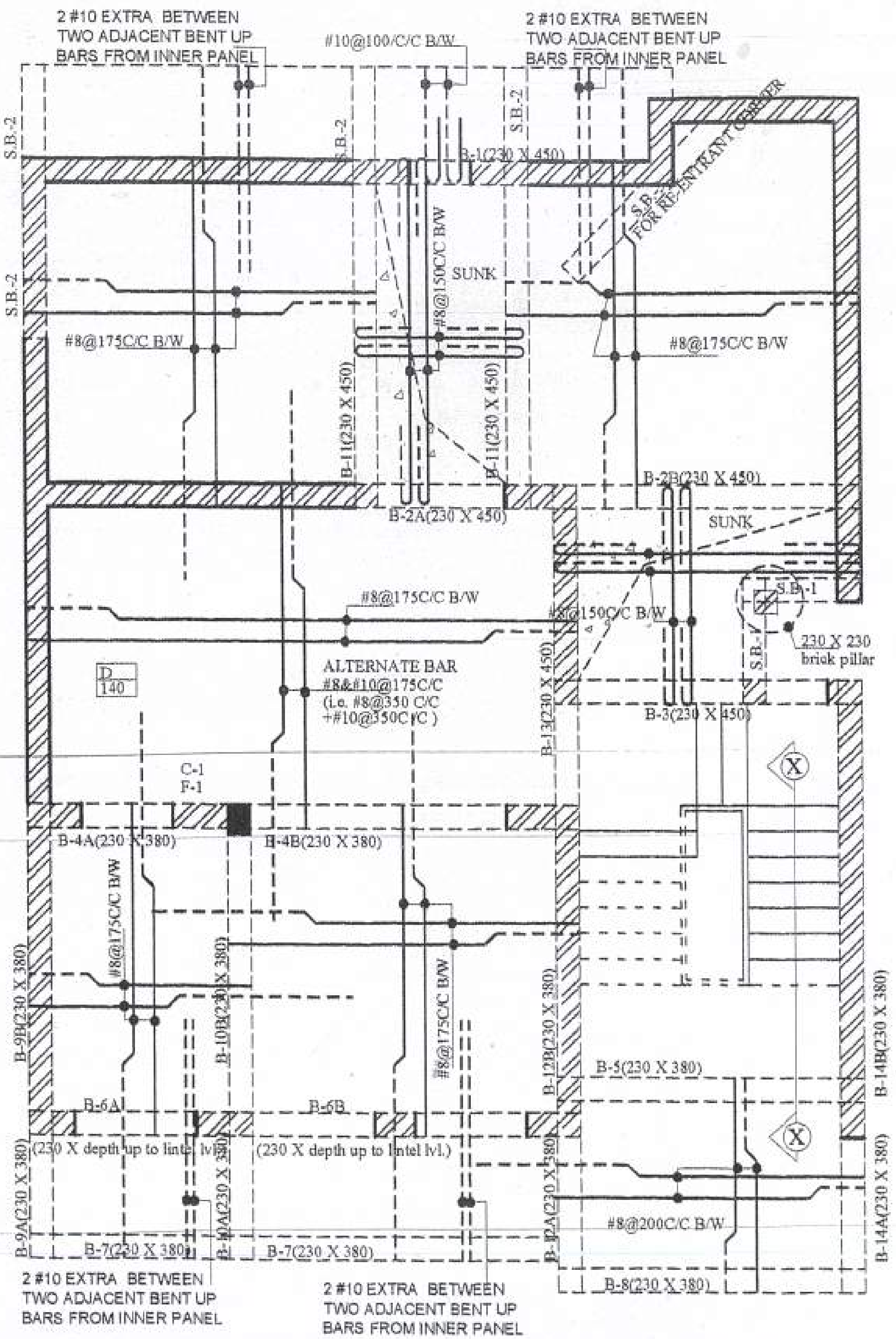
ELECTRICAL & SANITARY DETAIL.

DRG.NO.:-RHB HQ 2010 11 E.S.	SCALE :-
DATE:-01-09-2010	FILE NO :-
DEALT :- B.S. RAJPUROHIT	CHD:-
(KAILASH NARAIN) ASSISTANT ARCHITECT	DEPUTY TOWN PLANNER
(M.TAORI) ADD. CHIEF TOWN PLANNER	(H.C. AGARWAL) CHIEF ENGINEER

RAJASTHAN HOUSING BOARD

Resident Engineer
R. H. B. Div. KOTA

35



SLAB THICKNESS 120MM UNLESS MENTIONED OTHERWISE

Bin –
OMPRAKASH
B.Tech (Civil)

Resident Engineer
R.H.B. Div. Kota

NOTES :-

A.GENERAL

1. ALL DRAWINGS TO BE READ IN CONJUNCTION WITH ARCHITECTRAL DRAWING
2. DRAWINGS NOT TO BE SCALED

B. FOR ROW HOUSES :-

1. THE DWELLING UNIT HAS BEEN DESIGNED AS A MIDDLE HOUSE IN A ROW OF SAME SIZE HOUSES.
2. FOR CORNER HOUSE/END HOUSE AT EXPANSION JOINT & HOUSE WITH CURTAILED SLAB AREA, SLAB REINFORCEMENT BENT-UP SCHEDULE IS TO BE REVISED AS PER DRG. NO S-01.
3. EXPANSION JOINTS IN MASONARY ROW HOUSES ARE TO BE PROVIDED AS PER SITE CONDITIONS. AT NOT MORE THAN 45M INTERVALS. (CLAUSE 27.2 IS-456-2000) HOWEVER ATTEMPT BE MADE TO RESTRICT THIS LENGTH TO 30M TO RESTRICT CRACKS IN MASONARY DUE TO THERMAL MOVEMENT OF CONTINUOUS R.C.C. SLAB.
4. FOUNDATION DESIGNS ARE TO BE DONE BY CONCERNED RESIDENT ENGINEER AS PER GEOTECHNICAL/ FIELD OBSERVATIONS & BE GOT APPROVED BY DY. HOUSING COMMISSIONERS BEFORE STRAT OF WORK AT SITE.
5. FOR HOUSES LOCATED IN SEISMIC ZONE III & IV, BENDS AT PLINTH LVL. & LINTEL LVL. & ROOF LVL. ,ARE TO BE PROVIDED AS PER IS:- 4326: 1993 & IS: 13828 : 1993DEPENDING UPON TYPE OF SOIL STRATA AND SEISMIC ZONE LOCATION OF HOUSES.
6. FOR HOUSES, LOCATED IN ZONE II, NOMINAL D.P.C., LINTEL BAND IS TO BE PROVIDED AS PER DRG. NO.S-02

C.FOR R.C.C. WORK :-

1. CONCRETE GRADE OF M-20 & HYSD BARS OF FE-415 (CONFORMING TO IS: 1786-2008) IS CONSIDERED IN DESIGN OF R.C.C. SLAB . & BEAM
2. NOMINAL COVER TO CONCRETE IS TO BE PROVIDED AS PER IS-456-2008 FOR SOME OF R.C.C. COMPONENTS COVER SHALL BE AS FOLLOWS;

PRTICULAR	BOTTOM	TOP	SIDES
SLAB	25MM	25MM	
FOOTING	50MM.	50MM.	50MM.
RETAINING WALL		25MM.	40MM. (EARTH SIDE) 15MM. (IN SIDE)
COLUMNS			40MM.
BEAMS, LINTEL	25MM.	25MM.	25MM.

COVER BLOCK BE MADE OF CONCRETE & OF GRADE NOT LESS THAN GRADE OF CONCRETE USED IN R.C.C.

3. LAP IN SLAB & BEAMS OF SUPER STRUCTURE CLOSE TO MID SPAN ,FOR BOTTOM BARS & CLOSE TO SUPPORT, FOR TOP BARS ,SHALL BE AVOIDED
4. LAP SHALL BE STAGGERED SO THAT NOT MORE THAN $1/3^{rd}$ OF BARS SHALL BE LAPPED AT ANY SECTION
5. DEVELOPMENT LENGTH OF STEEL FOR M-20 CONCRETE & FE- 415 STEEL SHALL BE AS FLLOWS :
   A - STEEL IN BENDING TENSIONS L_{dt} = 48 DIA OF BARS
   B - STEEL IN COMPRESSION L_{dc} = 38 DIA OF BARS
6. TIES OR DISTRIBUTION REINFORCEMENT IN THE SLAB SHALL BE PROVIDED @ #8@250MMC/C UNLESS OTHERWISE MENTIONED.
7. TORSIONAL REINF.IN SLABS IS TO BE PROVIDED AT ANY CORNER WHERE SLAB IS SIMPLY SUPPORTED ON BOTH EDGES MEETING.AT THAT CORNER & IS PREVENTED FROM LIFTING
8. IN CASE OF ANT DISCREPANCY , PROVISIONS OF IS:456 & SP:34-1987 SHALL APPLY.

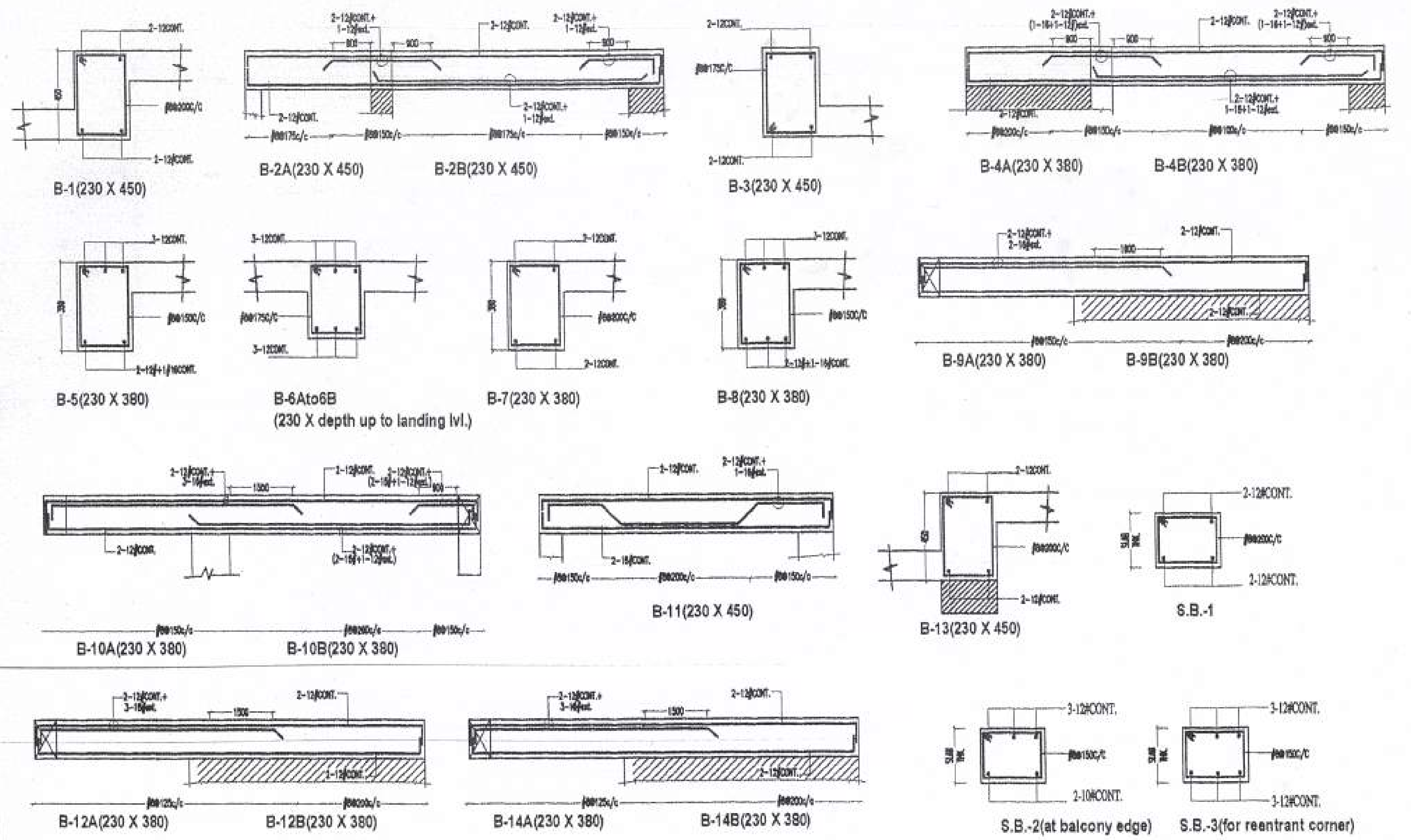
TYPE DESIGN OF PLOT SIZE 8.0M X 15 M M.I.G. I

DRAWING TITLE:

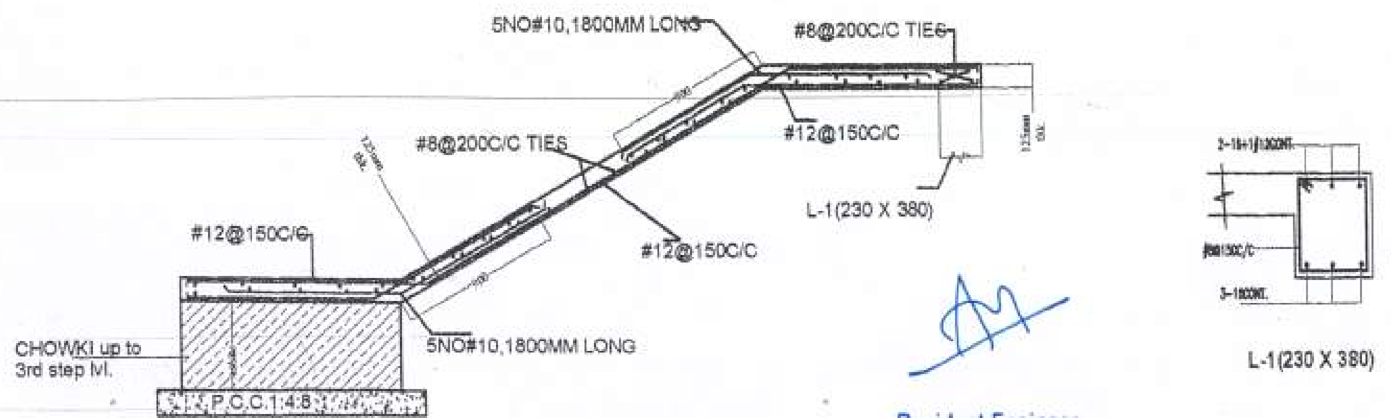
GROUND FLOOR ROOF DETAIL

DATED :- 30-7-2010	FILE NO. :-
RESIDENT ENGINEER(R&D)	DEPUTY HOUSING COMSIONER(Q.C.)
CHIEF ENGINEER	DRG. NO. :-RHB/HQ/2010/11/S-3/4

RAJASTHAN HOUSING BOARD



1.provide 2#12 side face reinf. wherever web depth of beam exceeds 750mm
2.provide #25 spacer bar@750mm c/c,wherever reinf.is to be provided in 2nd layer



STAIR SECTION AT X-X

Resident Engineer
R.H.B. Div. Kota

OMPRAKASH
B.Tech (Civil)

NOTES :-

A.GENERAL

1. ALL DRAWINGS TO BE READ IN CONJUNCTION WITH ARCHITECTRAL DRAWING
2. DRAWINGS NOT TO BE SCALED

B. FOR ROW HOUSES :-

1. THE DWELLING UNIT HAS BEEN DESIGNED AS A MIDDLE HOUSE IN A ROW OF SAME SIZE HOUSES.
2. FOR CORNER HOUSE/END HOUSE AT EXPANSION JOINT & HOUSE WITH CURTAILED SLAB AREA , SLAB REINFORCEMENT BENT-UP SCHEDULE IS TO BE REVISED AS PER DRG. NO S-01.
3. EXPANSION JOINTS IN MASONARY ROW HOUSES ARE TO BE PROVIDED AS PER SITE CONDITIONS , AT NOT MORE THAN 45M INTERVALS. (CLAUSE 27.2 IS-456-2000) HOWEVER ATTEMPT BE MADE TO RESTRICT THIS LENGTH TO 30M TO RESTRICT CRACKS IN MASONARY DUE TO THERMAL MOVEMENT OF CONTINUOUS R.C.C. SLAB.
4. FOUNDATION DESIGNS ARE TO BE DONE BY CONCERNED RESIDENT ENGINEER AS PER GEOTECHNICAL/ FIELD OBSERVATIONS & BE GOT APPROVED BY DY. HOUSING COMMISSIONERS BEFORE STRAT OF WORK AT SITE .
5. FOR HOUSES LOCATED IN SEISMIC ZONE III & IV , BENDS AT PLINTH LVL. & LINTEL LVL. & ROOF LVL. ,ARE TO BE PROVIDED AS PER IS:- 4326: 1993 & IS: 13828 : 1993 DEPENDING UPON TYPE OF SOIL STRATA AND SEISMIC ZONE LOCATION OF HOUSES.
6. FOR HOUSES , LOCATED IN ZONE II, NOMINAL D.P.C., LINTEL BAND IS TO BE PROVIDED AS PER DRG. NO.S-02

C.FOR R.C.C. WORK :-

1. CONCRETE GRADE OF M-20 & HYSD BARS OF FE-415 (CONFORMING TO IS: 1786-2008) IS CONSIDERED IN DESIGN OF R.C.C. SLAB , & BEAM
2. NOMINAL COVER TO CONCRETE IS TO BE PROVIDED AS PER IS-456-2008 FOR SOME OF R.C.C. COMPONENTS COVER SHALL BE AS FOLLOWS:

PRTICULAR	BOTTOM	TOP	SIDES
SLAB	25MM	25MM	
FOOTING	50MM.	50MM.	50MM.
RETAINING WALL		25MM.	40MM. (EARTH SIDE) 15MM. (IN SIDE)
COLUMNS			40MM.
BEAMS, LINTEL	25MM.	25MM.	25MM.

COVER BLOCK BE MADE OF CONCRETE & OF GRADE NOT LESS THAN GRADE OF CONCRETE USED IN R.C.C.

3. LAP IN SLAB & BEAMS OF SUPER STRUCTURE CLOSE TO MID SPAN ,FOR BOTTOM BARS & CLOSE TO SUPPORT, FOR TOP BARS ,SHALL BE AVOIDED.
4. LAP SHALL BE STAGGERED SO THAT NOT MORE THAN 1/3rd OF BARS SHALL BE LAPPED AT ANY SECTION
5. DEVELOPMENT LENGTH OF STEEL FOR M-20 CONCRETE & FE- 415 STEEL SHALL BE AS FLLOWS :
A - STEEL IN BENDING TENSIONS Ldt = 48 DIA OF BARS
B - STEEL IN COMPRESSION Ldc = 38 DIA OF BARS
6. TIES OR DISTRIBUTION REINFORCEMENT IN THE SLAB SHALL BE PROVIDED @ #6@250MMC/C UNLESS OTHERWISE MENTIONED.
7. TORSIONAL REINF.IN SLABS IS TO BE PROVIDED AT ANY CORNER WHERE SLAB IS SIMPLY SUPPORTED ON BOTH EDGES MEETING AT THAT CORNER & IS PREVENTED FROM LIFTING
8. IN CASE OF ANT DISCREPANCY , PROVISIONS OF IS:456 & SP:34-1987 SHALL APPLY.

TYPE DESIGN OF PLOT

SIZE 8.0X15.0M (M.I.G I.)

DRAWING TITLE:

GROUND FLOOR ROOF BEAM DETAIL

DATED :- 30-7-2010	FILE NO. :-
RESIDENT ENGINEER(R&D)	DEPUTY HOUSING COMMISIONER(Q.C.)
CHIEF ENGINEER	DRG. NO. :-RHB/HQ/2010/11/S-4/4

RAJASTHAN HOUSING BOARD