TEST SCHEDULE 1/1
(Reference No. – FR /0342)

1. Name of the Laboratory	: Fire Research Laboratory CSIR-Central Building Research Institute, Roorkee-247 667
2. Name of the Party	: M/s. Synergy Thrislington Vill. Bed- Plassi, P.O. Manjholi, Tehsil – Nalagarh, Distt- Solan H.P.
3. Name of the Test	: Fire Resistance Test
4. Date of Test	: August 05, 2013
5. Ambient Temperature	: 29 ^{o}C
6. Fire Exposure	: As per BS:476,Part 20 & 22
7. Applicability of Test Criteria	: Stability : Yes : Integrity : Yes : Insulation : No
8. Specimen Details	: Double Leaf Single Swing G.I. Composite Fire Door with vision panel **Door Frame** Height : 2200 mm Width : 1500 mm Thickness : 125 mm Door Panel Thickness: 45 mm
9. Specimen Construction	: As shown in Figure 1 and Figure 2 (Drg. No. 1/1 - 0342(1) and 1/1- 0342(2))
10. Door Type	: Uninsulated
11. Door Installation	: Opens outwards the furnace chamber
12. Intended Test Duration	: 120 Minutes

Test Results

The data of the evaluation reveals that the double leaf single swing G.I.. composite fire door specimen (Uninsulated) with vision panel has been found to be able to withstand standard fire exposure for 120 minutes (One hundred twenty minutes only) with respect to **stability and integrity only.**

(Sushil Kumar) **(Dr. N.K.Saxena)** **(Dr. Suvir Singh)**

(Technical data provided in this schedule pertains to the specific sample submitted to the Institute and tested. CBRI's name or logo cannot be used for commercial purposes. All procedural, legal, and / or operational matters will be the responsibility of the party using these results. Accepting / Rejecting the results, partly or fully rests with the users agencies.)

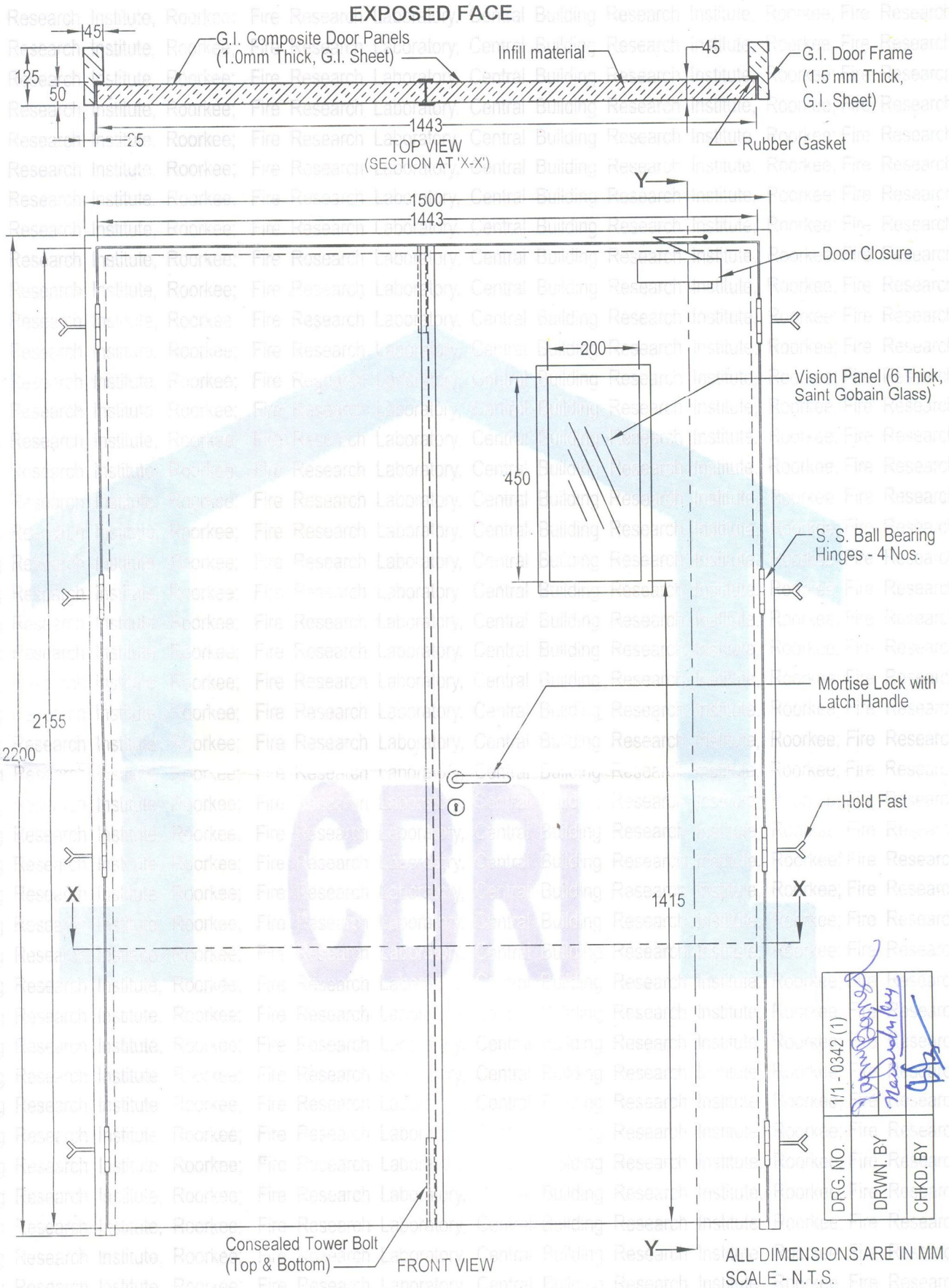
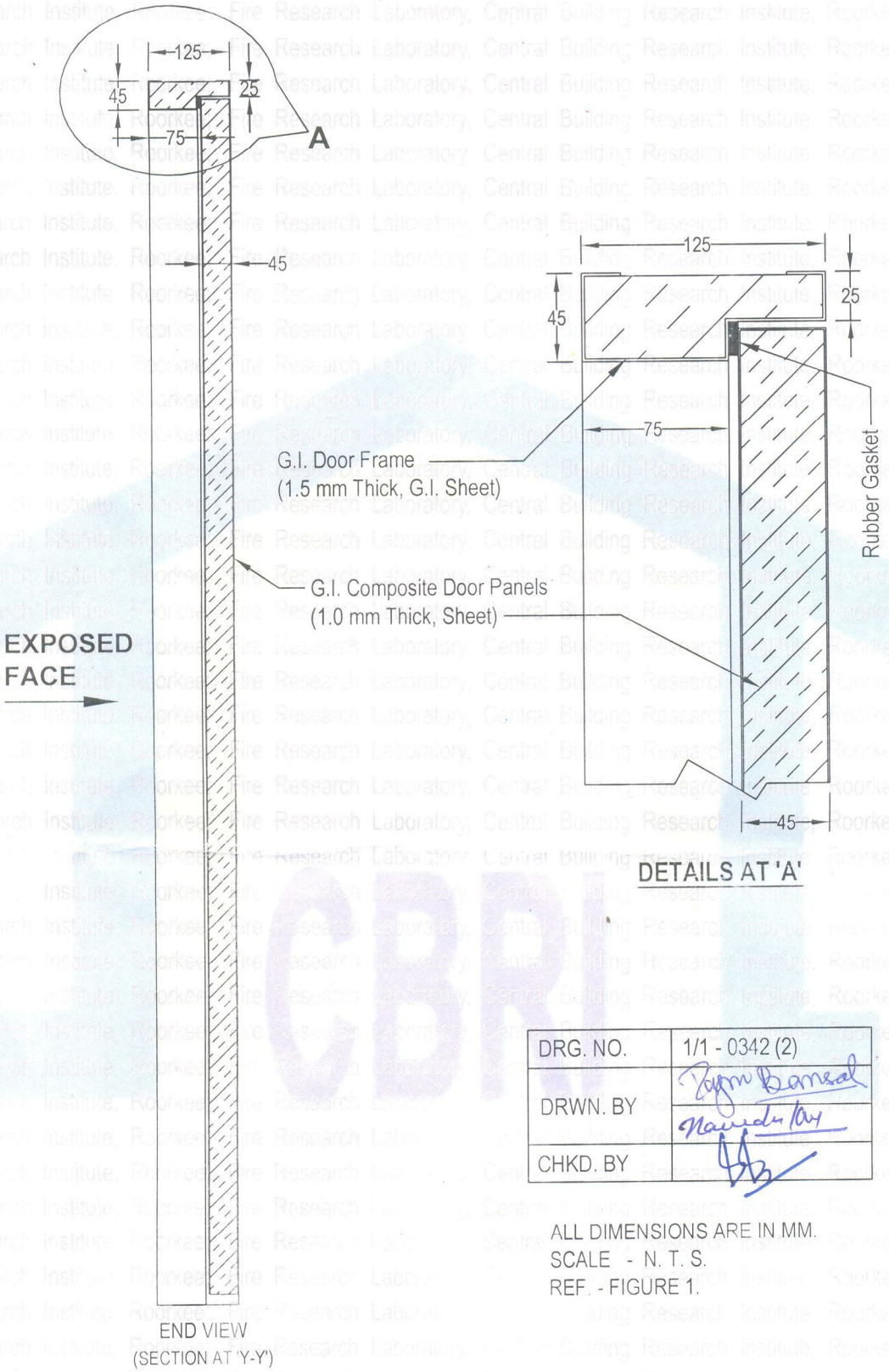


Figure 1: Construction Details of Double Leaf Single Swing G. I. Composite Fire Door specimen evaluated for Fire Resistance on August 05, 2013.



DRG. NO.	1/1 - 0342 (2)
DRWN. BY	Tejam Bansal Navendra Roy
CHKD. BY	

ALL DIMENSIONS ARE IN MM.
SCALE - N. T. S.
REF. - FIGURE 1.

Figure 2: Sectional details of Double Leaf Single Swing G. I. Composite Fire Door specimen evaluated for Fire Resistance on August 05, 2013.