

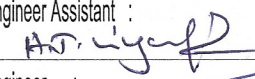

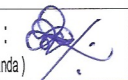



**900x2100 mm
ALUMINIUM DOOR**

(SPES/RATE23/D/01)

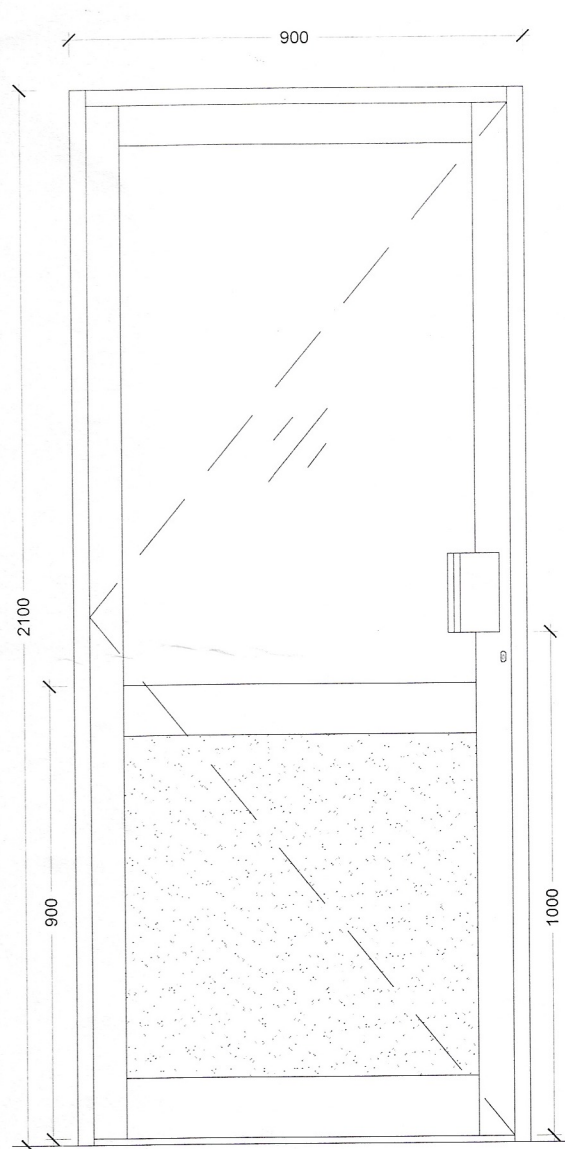
**DETAILED DRAWING
(RATE ANALYSIS)**

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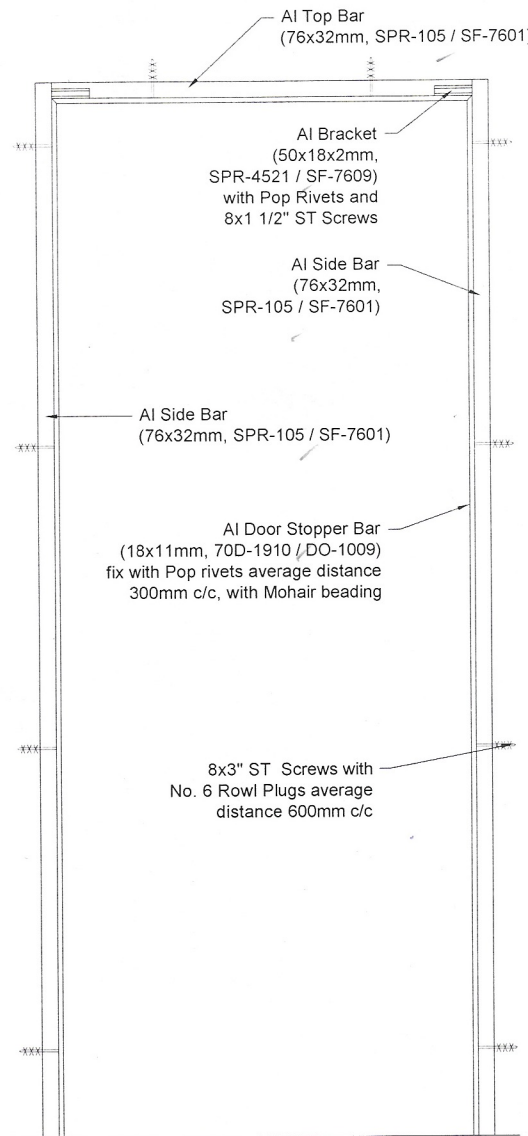
Sheet No : 01	Checked By :  (W.A. Sarath Kumara)
Drawing No : SPES/RATE23/D/01	Checked By : 
Scale : 1-15	Engineer Assistant : 
Date : 2023-08-01	Engineer :  (Eng. D.D.S. Edirisooriya)
Drawn By :  (Thilini Meththananda)	Director (Engineering) :  (Eng. C.B. Abayadeera)

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SOUTHERN PROVINCIAL COUNCIL, GALLE.

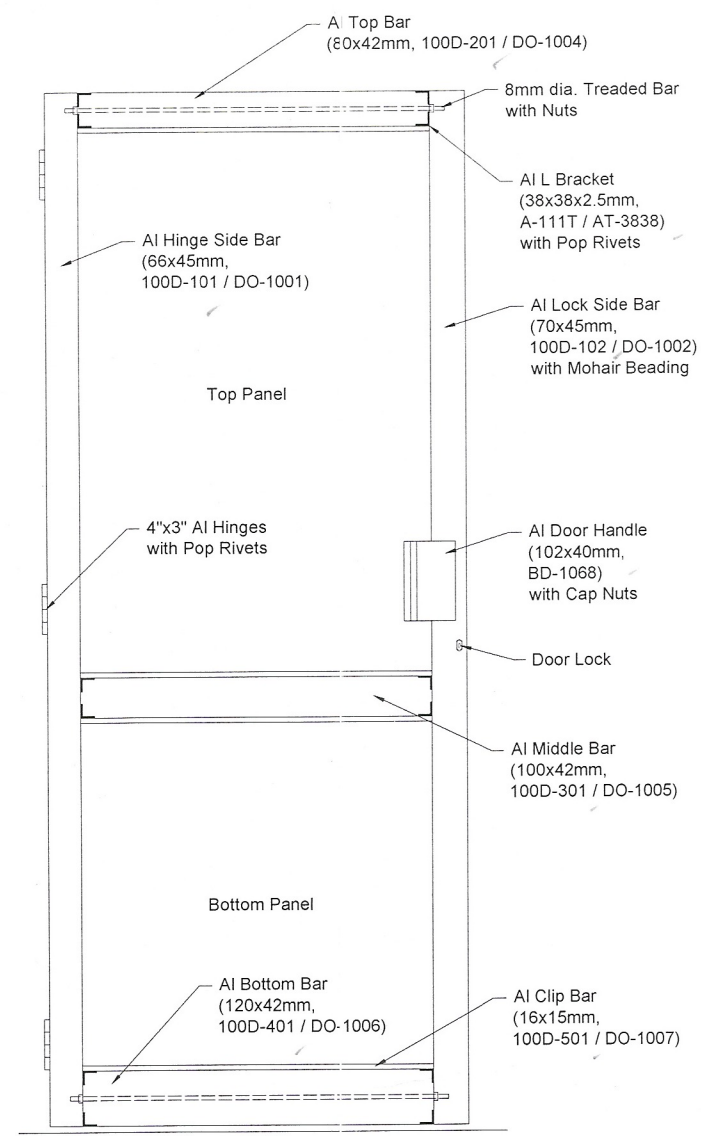
Tel: 0912242786 / 0912245161 / 0912233125 / 0912242785 / 0914941541 / 0912234537
FAX: 0912242786 E-mail: gaks@stnet.lk / info-eng@ssp.gov.lk / designbranchgalle@gmail.com



Door Front



Door Frame Detail



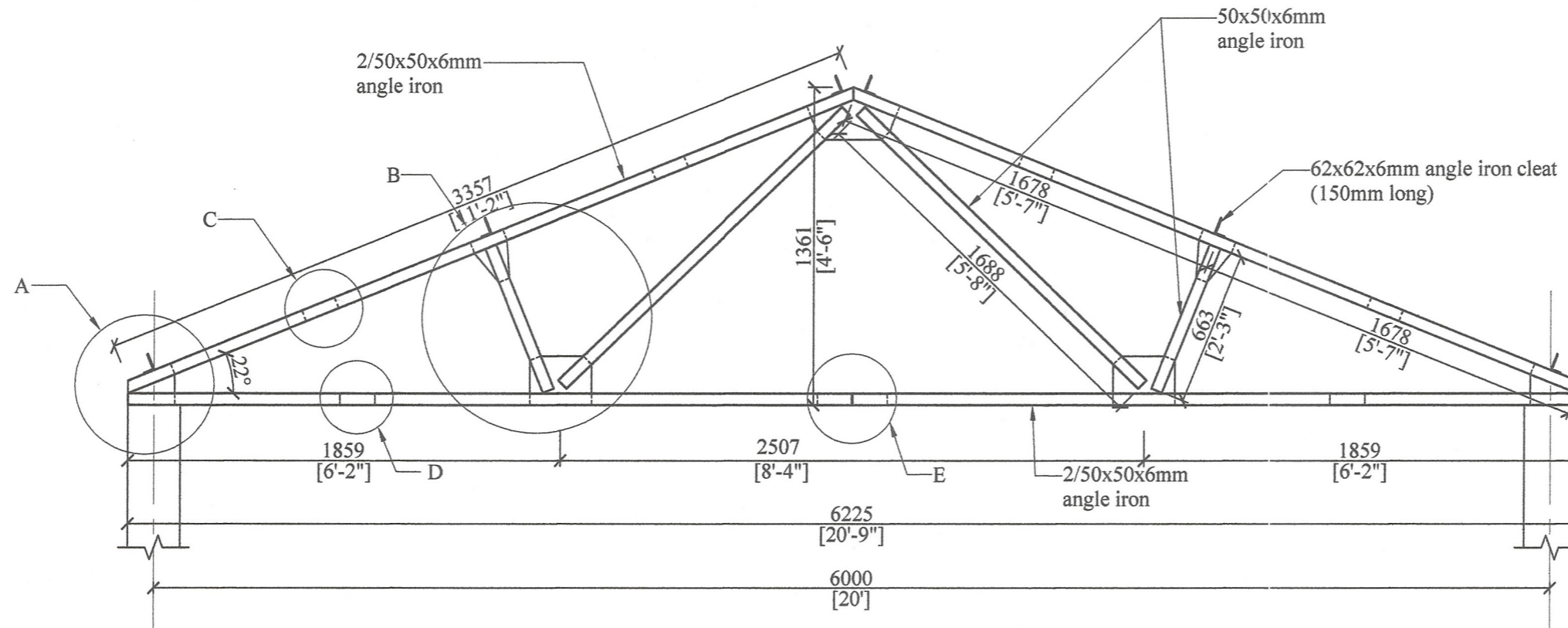
Door Sash Detail

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DCS(Eng)

NOTES -

- One aluminium section brand should be used for the entire project.
- Approved aluminium sections brands are Alumex and Swisstec. Other accessories should be get approved from the Engineer.
- Fabrication works should be done at the site. Otherwise the Contractor is responsible to show the quality of the work.
- Aluminium section bars joining are not allowed. If required need to get prior approval from the Engineer.
- Sizes of the work may be changed according to the project. Need to get prior approval from the Engineer before starting works.

	Bottom Panel Material	Top Panel Material
Option 1	4mm thick AI/PVC Double Side Composite Board with Rubber Beading	5mm thick Clear Glass with Rubber Beading
Option 2	5mm thick Clear Glass with Rubber Beading	5mm thick Clear Glass with Rubber Beading



ROOF TRUSS

Scale - 1:25

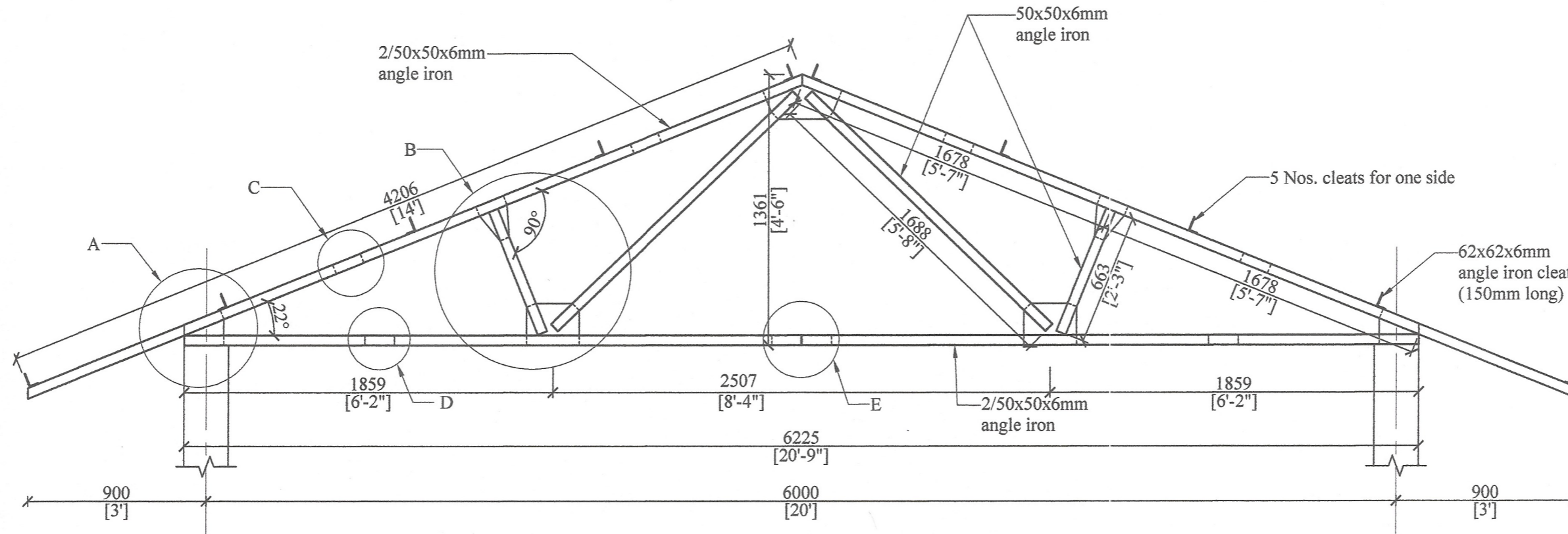
- Note:-**
1. Pitch of roof 22° for asbestos sheets.
 2. All gusset plates to be 6mm thick.
 3. All bolts to be Ø12.5mm unless otherwise specified.
 4. Length of all members to be verified.
 5. 50x50x6mm angles to be used for all members.
 6. 75x75x6mm angle cleats 150mm long to be welded at given centres, to support timber purlins.
 7. 225x225mm concrete column or 225x300mm, 1:3:6 (25) concrete template 400mm long.

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**STEEL ROOF TRUSS SPAN 6m (20'- 0"), PITCH 22°
FOR ASBESTOS SHEET ROOF.
(WITHOUT EAVE)**

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Sheet No : 01	Checked By : <i>S. Jayan</i> (S.P. Weerasinghe)	DETAILED DRAWING (RATE ANALYSIS)
Drawing No : SPES / Rate 23 / Ir - 02	D.O.A. : <i>C. Dasha</i> (GNR, Kandy)	
Scale : 1:25	Engineer Assistant : <i>N. M. N. M.</i> (H.K.S. Perera)	ENGINEERING SERVICES OFFICE, SOUTHERN PROVINCIAL COUNCIL, GALLE.
Date : 2023-08-04	Design Engineer : <i>N. M. N. M.</i> (Eng. N.M.S. Manasinghe)	
Drawn By : Monali	Director (Engineering) : <i>C.B.A.</i> (Eng. C.B. Abeyaratne)	



ROOF TRUSS

Scale - 1:25

- Note:-**
1. Pitch of roof 22° for asbestos sheets.
 2. All gusset plates to be 6mm thick.
 3. All bolts to be Ø12.5mm unless otherwise specified.
 4. Length of all members to be verified.
 5. 50x50x6mm angles to be used for all members.
 6. 62x62x6mm angle cleats 150mm long to be welded at given centres, to support angle iron.
 7. 225x225mm concrete column or 225x300mm, 1:3:6 (25) concrete template 400mm long.

No any alteration is allowed without due permission of DCS(Eng). Any unauthorized alteration is subjected to have disciplinary action. Re-production is not permitted.
DCS(Eng)

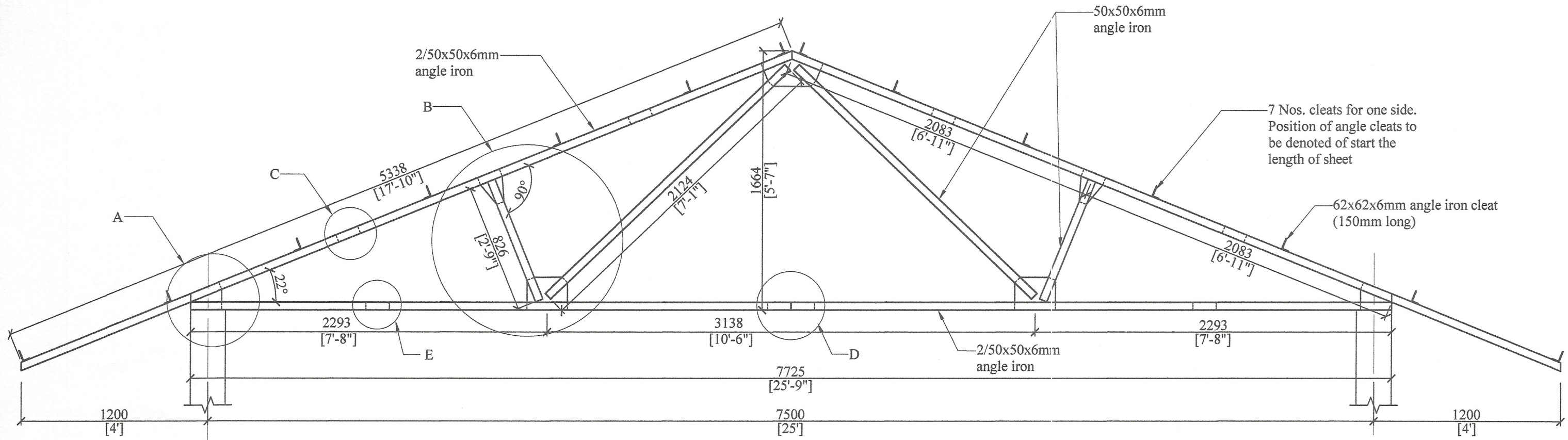
STEEL ROOF TRUSS SPAN 6m (20'- 0''), PITCH 22°, FOR ASBESTOS SHEET ROOF.

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Sheet No : 01	Checked By : <i>Syam</i> (S.P. Weerasinghe)
Drawing No : SPES / Rate 23 / Ir - 03	D.O.A. : <i>C.Dash</i> (G.N.R. Ekanayake)
Scale : 1:25	Engineer Assistant : <i>K.D.</i> (H.K.S. Premathilaka)
Date : 2023-08-04	Design Engineer : <i>N.M.M.</i> (Eng. N.M.S. Mammala)
Drawn By : Monali	Director (Engineering) : <i>C.B.</i> (Eng. C.B. Abayaratne)

DETAILED DRAWING (RATE ANALYSIS)

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Fax: 01122-42781 / 01122-42783 / 01122-46181 / 01122-33125 E-mail: engserv@spc.lk



ROOF TRUSS

Scale - 1:25

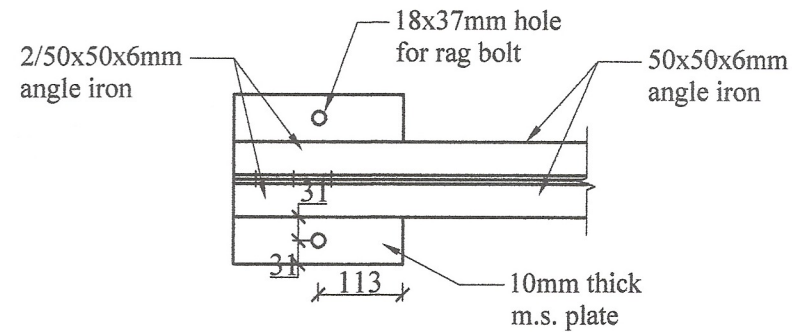
- Note:-**
1. Pitch of roof 22° for asbestos sheets.
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 6. 62x62x6mm angle cleats 150mm long to be welded at given centres, to support angle iron purlins.
 7. 225x225mm concrete column or 225x300mm, 1:3:6 (25) concrete template 400mm long.

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DCS(Eng)

**STEEL ROOF TRUSS SPAN 7.5m (25'- 0''), PITCH 22°
FOR ASBESTOS SHEET ROOF.**

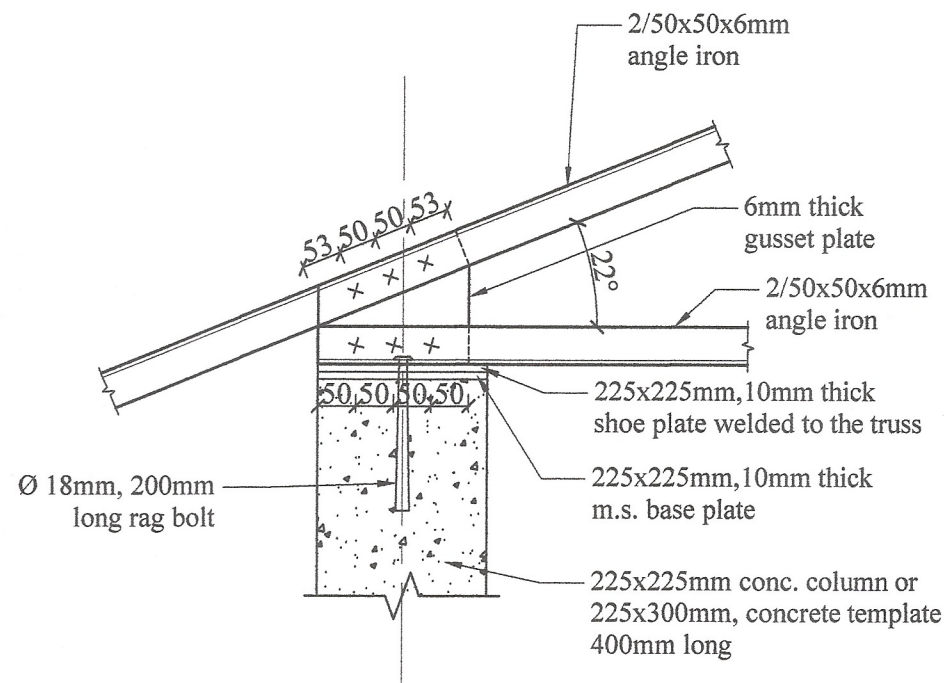
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Sheet No : 01	Checked By : <i>Skyam</i> (S.P. Weerasinghe)	DETAILED DRAWING (RATE ANALYSIS)
Drawing No : SPES / Rate 23 / Ir - 04	D.O.A. : <i>C. Das</i> (G.N.R. Ekanayake)	
Scale : 1:25	Engineer Assistant : <i>Ked</i> (H.E.S. Perumbidike)	
Date : 2023-08-04	Design Engineer : <i>N. Noy</i> (Eng. N.M.S. Muralidharan)	
Drawn By : Manali	Director (Engineering) : <i>C. Das</i> (Eng. C.R. Abeyaratne)	
ENGINEERING SERVICES OFFICE, SOUTHERN PROVINCIAL COUNCIL, GALLE. <small>74-0122-42768 / 0122-42769 / 0122-40181 / 0122-30125 / 0122-40262 / 002202745 FAX: 0122-42768 / 0122-42769 / 0122-40181 / 0122-30125 E-mail: espso@spco.lk</small>		



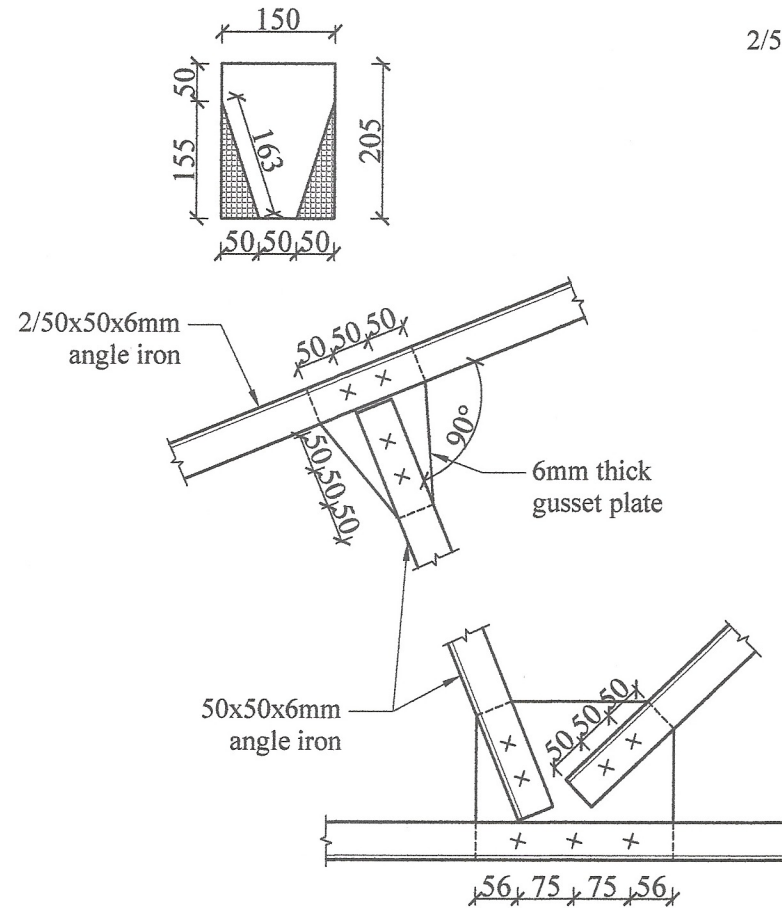
PLAN AT - A

Scale - 1:10



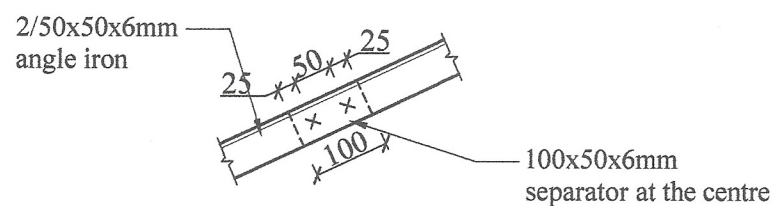
DETAIL AT - A

Scale - 1:10



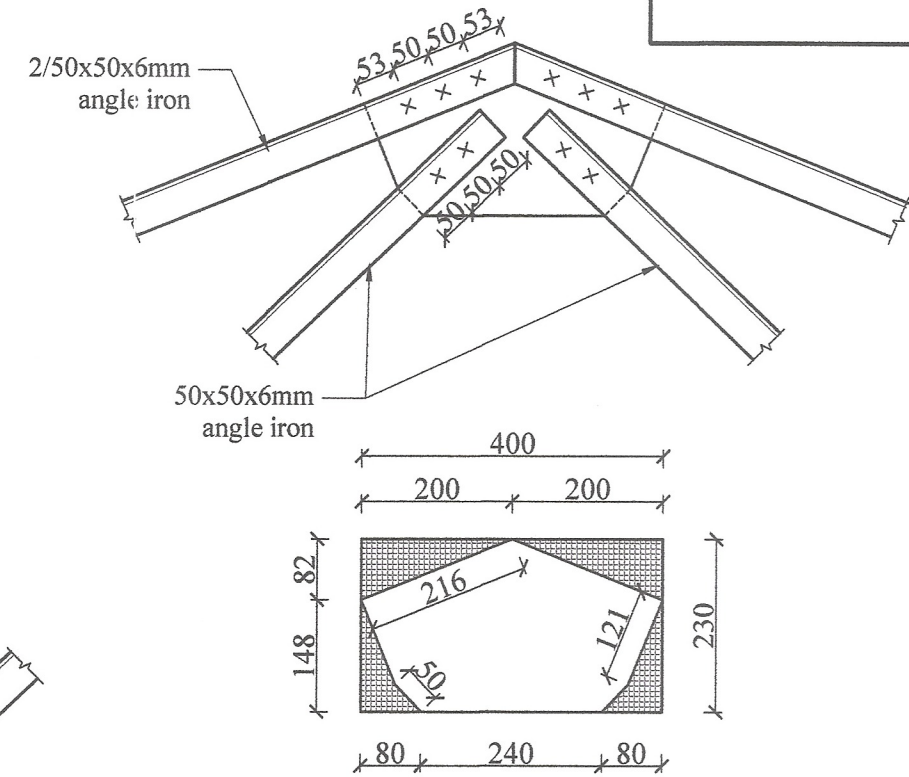
DETAIL AT - B

Scale - 1:10



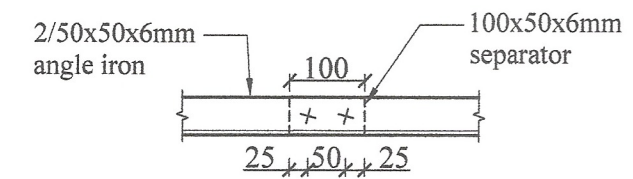
DETAIL AT - C

Scale - 1:10



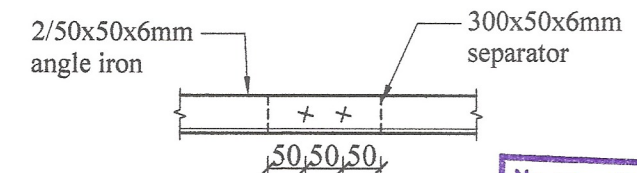
CROWN DETAIL

Scale - 1:10



DETAIL AT - D

Scale - 1:10



DETAIL AT - E

Scale - 1:10

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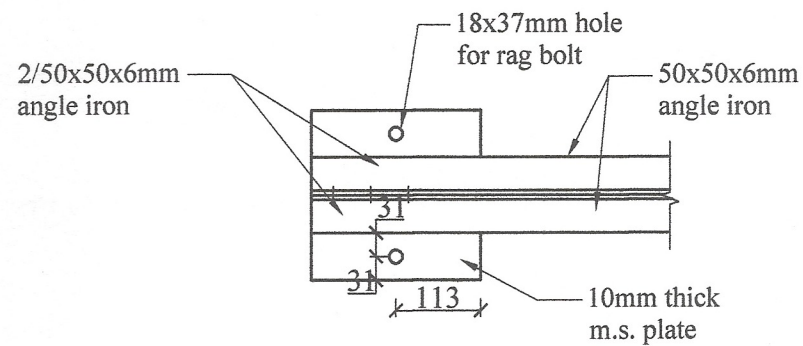
STEEL ROOF TRUSS SPAN 7.5m (25'- 0"), PITCH 22° FOR ASBESTOS SHEET ROOF.

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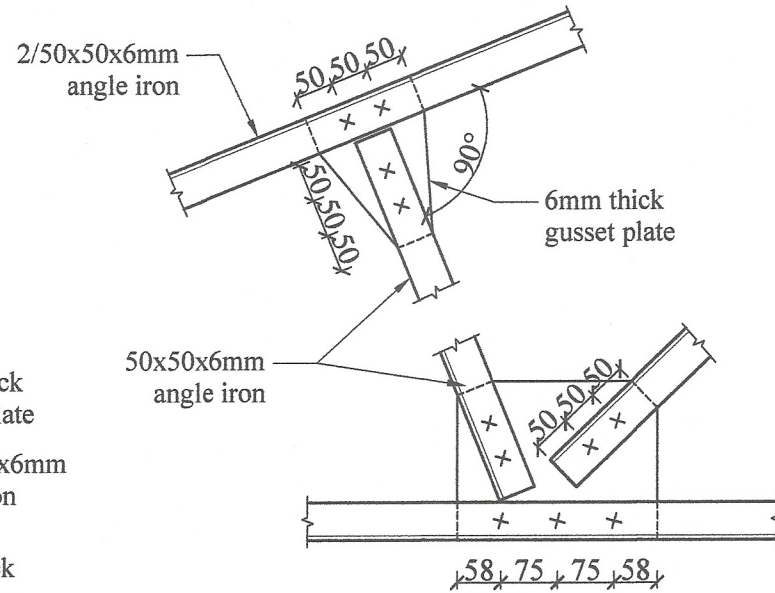
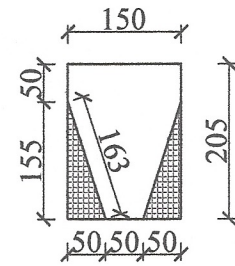
Sheet No : 02	Checked By (S.P. Weddunilage) : <i>Shyama</i>
Drawing No : SPES / Rate 23 / Ir - 04	D.O.A. (G.N.R. Hanayake) : <i>C. D. Rajitha</i>
Scale : 1:10	Engineer Assistant (H.C.S. Perunthilake) : <i>Kes</i>
Date : 2023-08-04	Design Engineer (Eng. N.M.S. Mananayake) : <i>N. Mananayake</i>
Drawn By : Monali	Director (Engineering) (Eng. C.B. Abeyaratne) : <i>C.B.A.</i>

DETAILED DRAWING (RATE ANALYSIS)

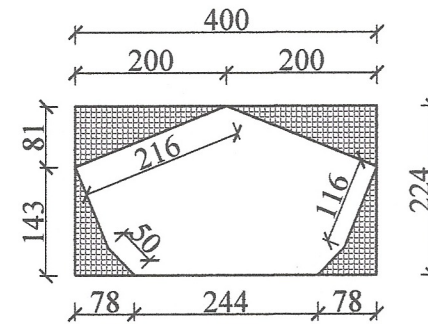
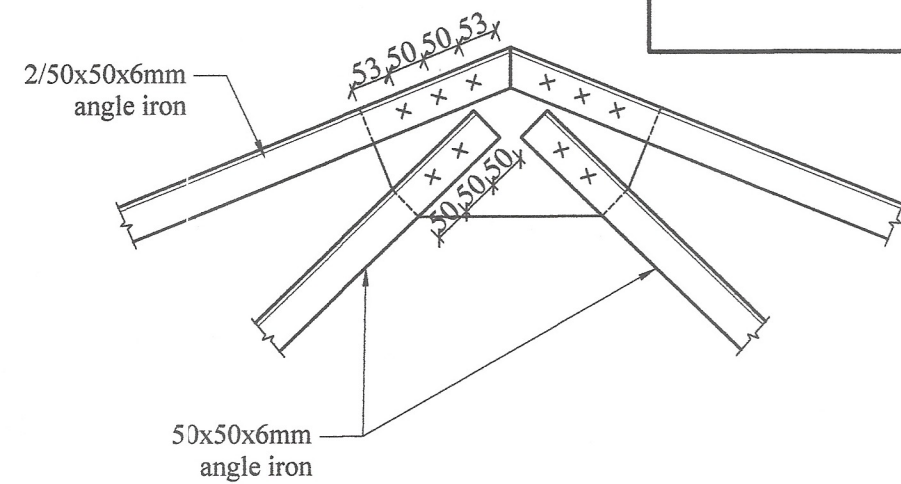
ENGINEERING SERVICES OFFICE.
SOUTHERN PROVINCIAL COUNCIL, GALLE.
Tel: 09122-42786 / 09122-42787 / 09122-48181 / 09122-33125 / 09122-42882 / 092283745
Fax: 09122-42786 / 09122-42787 / 09122-48181 / 09122-33125 E-mail: engserv@spc.gov.lk



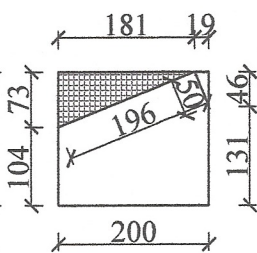
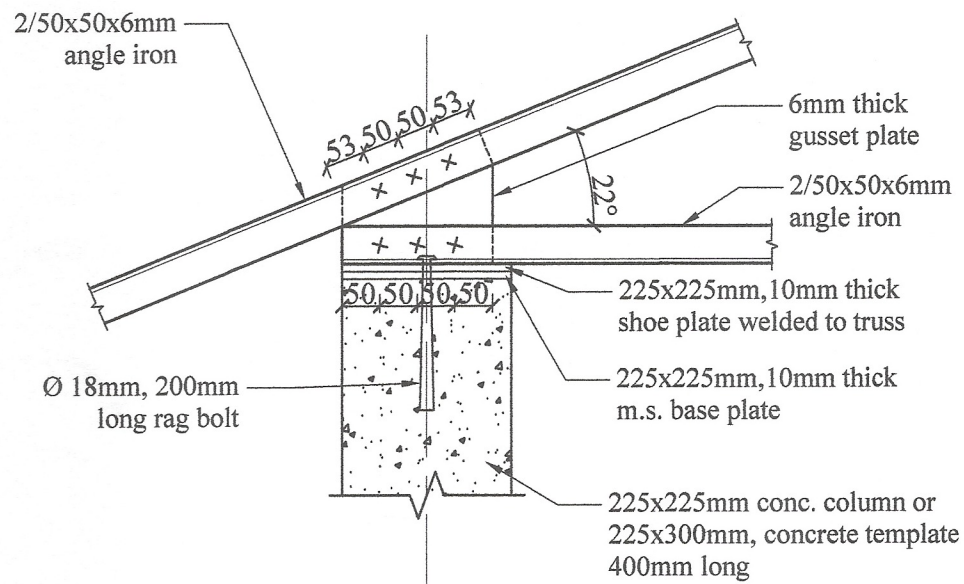
PLAN AT - A
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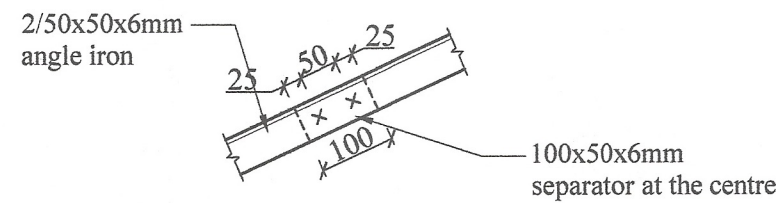
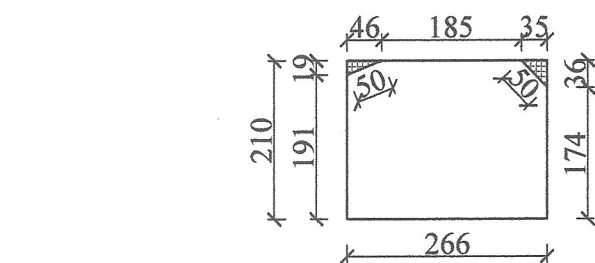
DETAIL AT - B
Scale - 1:10



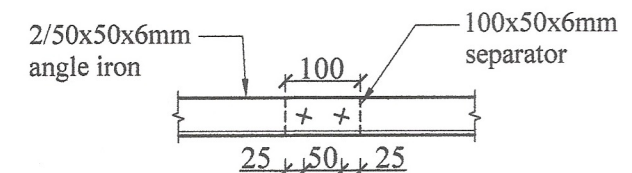
CROWN DETAIL
Scale - 1:10



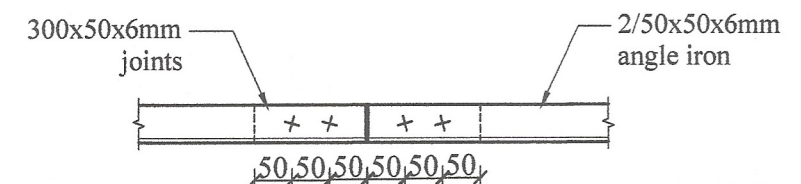
DETAIL AT - A
Scale - 1:10



DETAIL AT - C
Scale - 1:10



DETAIL AT - D
Scale - 1:10



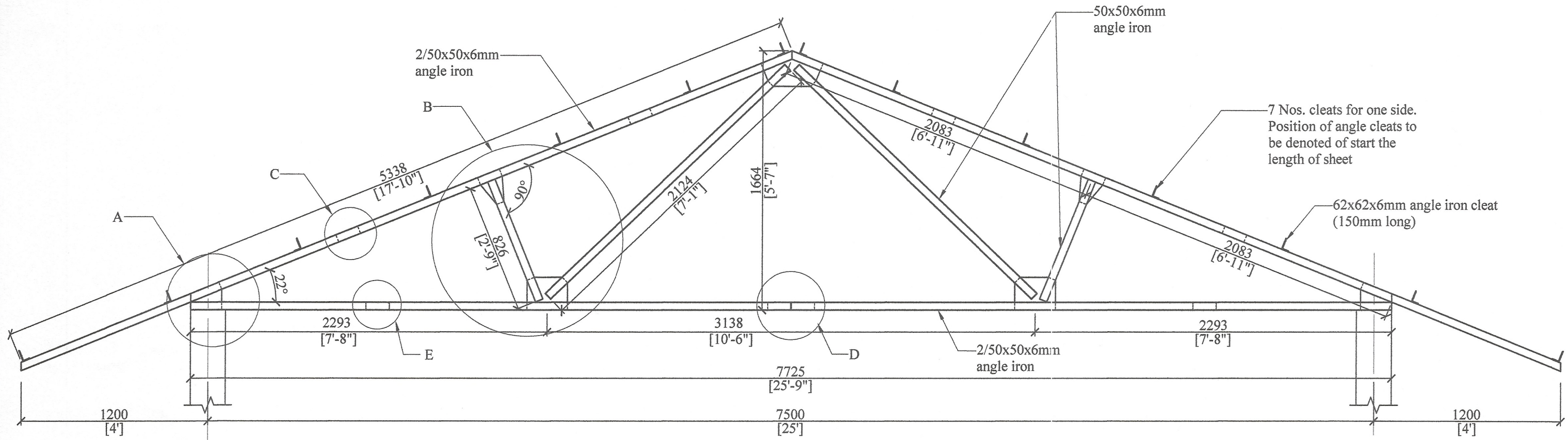
DETAIL AT
Scale - 1:10

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STEEL ROOF TRUSS SPAN 6m (20'- 0"), PITCH 22°, FOR ASBESTOS SHEET ROOF.

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Sheet No : 02	Checked By : <i>S. Jayasinghe</i> (S.P. Wickramasinghe)	DETAILED DRAWING (RATE ANALYSIS)
Drawing No : SPES / Rate 23 / Ir - 03	D.O.A. : <i>C. Deshika</i> (G.N.R. Ranasinghe)	
Scale : 1:10	Engineer Assistant : <i>K.P.</i> (H.K.S. Perera)	ENGINEERING SERVICES OFFICE, SOUTHERN PROVINCIAL COUNCIL, GALLE.
Date : 2023-08-04	Design Engineer : <i>N. Anura</i> (Eng. N.M.S. Manjula)	
Drawn By : Monali	Director (Engineering) : <i>C.B.</i> (Eng. C.B. Abeyekuma)	



ROOF TRUSS

Scale - 1:25

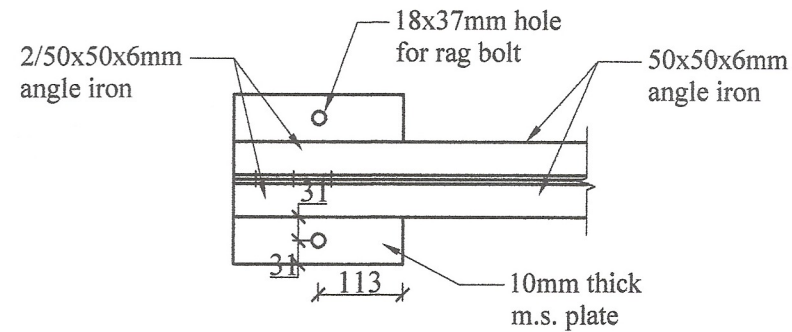
- Note:-**
1. Pitch of roof 22° for asbestos sheets.
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DCS(Eng)

**STEEL ROOF TRUSS SPAN 7.5m (25'- 0''), PITCH 22°
FOR ASBESTOS SHEET ROOF.**

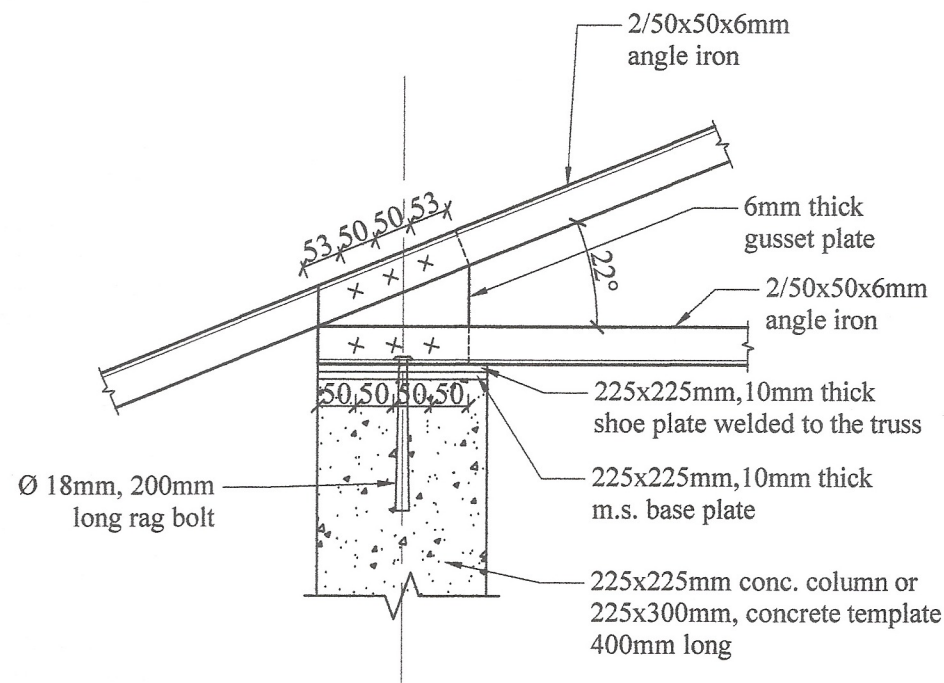
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Sheet No : 01	Checked By : <i>Skyam</i> (S.P. Weerasinghe)	DETAILED DRAWING (RATE ANALYSIS)
Drawing No : SPES / Rate 23 / Ir - 04	D.O.A. : <i>C. Das</i> (G.N.R. Ekanayake)	
Scale : 1:25	Engineer Assistant : <i>Ked</i> (H.E.S. Perumbathala)	
Date : 2023-08-04	Design Engineer : <i>N. Noyi</i> (Eng. N.M.S. Muralidharan)	
Drawn By : Manali	Director (Engineering) : <i>C. S. S.</i> (Eng. C.R. Abeyaratne)	
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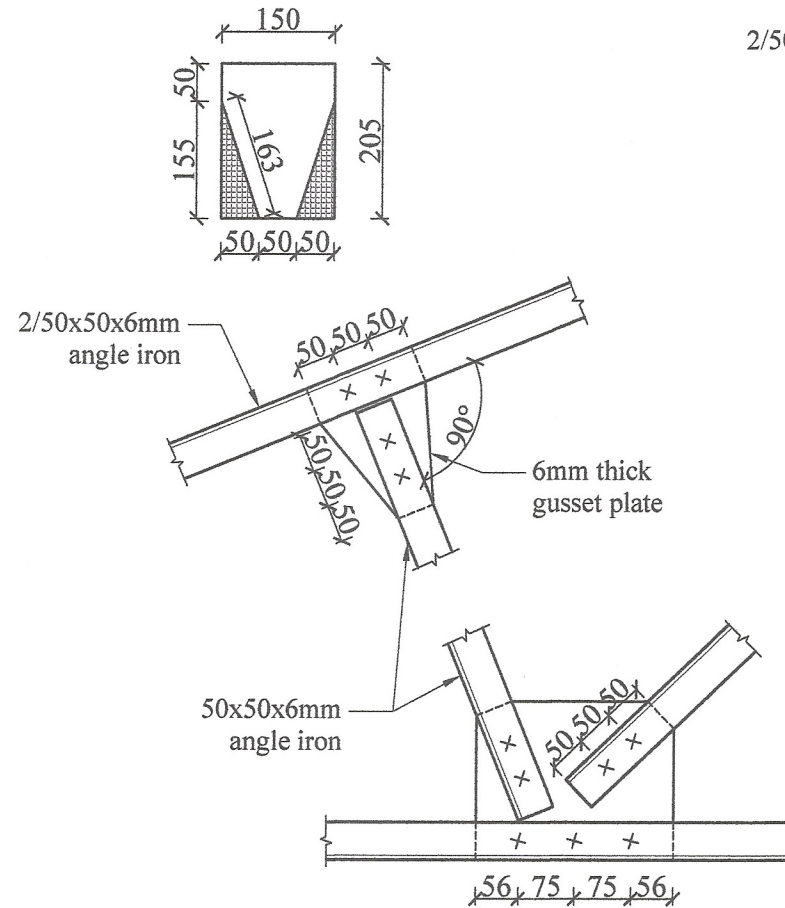
PLAN AT - A

Scale - 1:10



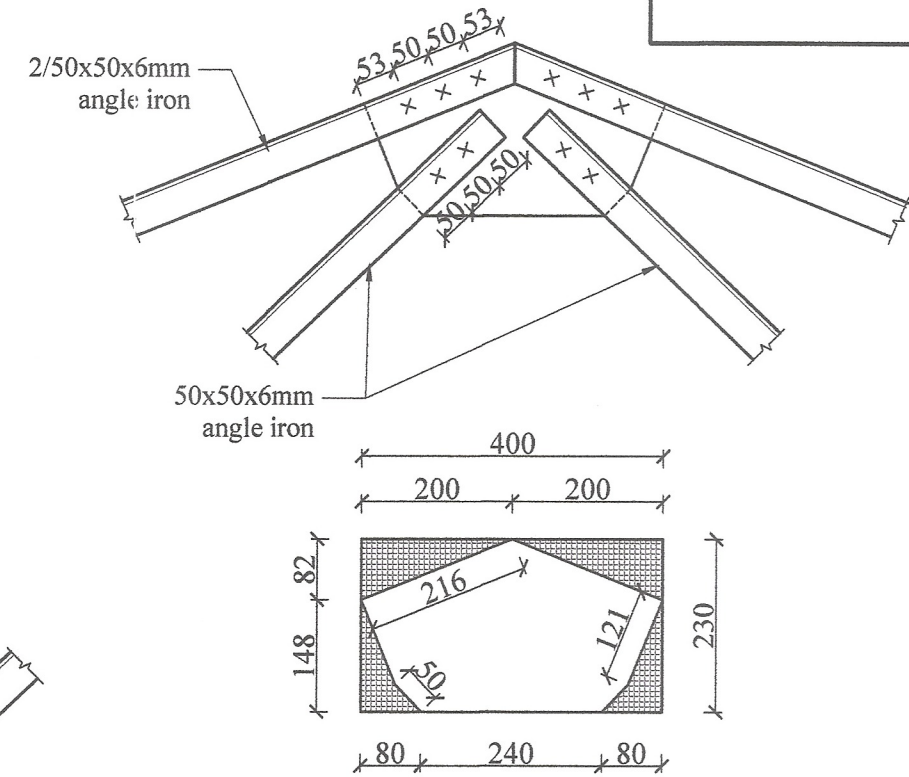
DETAIL AT - A

Scale - 1:10



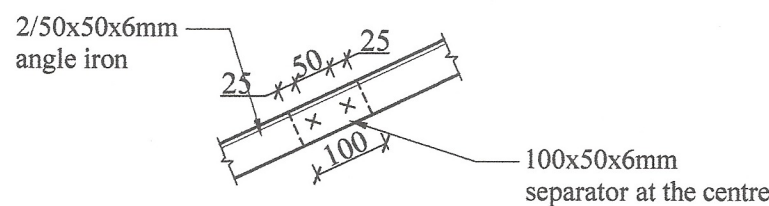
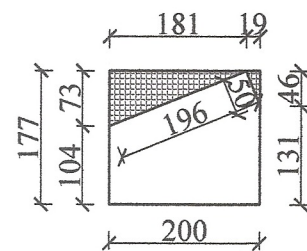
DETAIL AT - B

Scale - 1:10



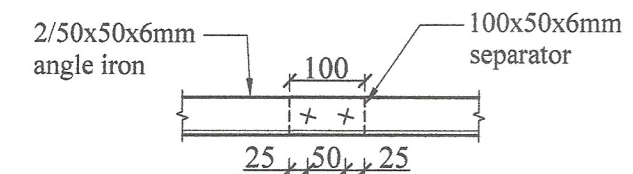
CROWN DETAIL

Scale - 1:10



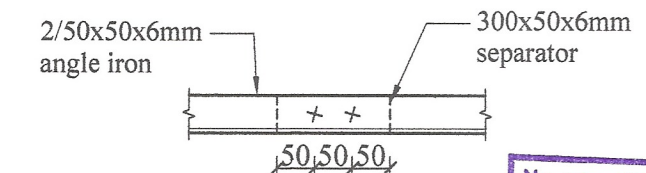
DETAIL AT - C

Scale - 1:10



DETAIL AT - D

Scale - 1:10



DETAIL AT - E

Scale - 1:10

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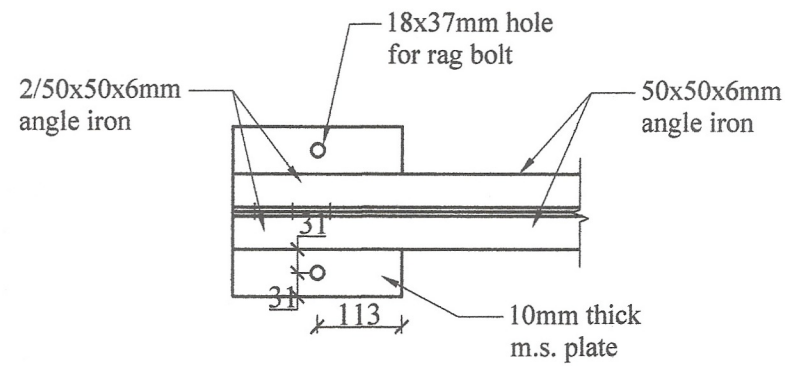
STEEL ROOF TRUSS SPAN 7.5m (25'- 0"), PITCH 22° FOR ASBESTOS SHEET ROOF.

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Sheet No : 02	Checked By (S.P. Weddunilage) : <i>Shyama</i>
Drawing No : SPES / Rate 23 / Ir - 04	D.O.A. (G.N.R. Hanayake) : <i>C.Dashik</i>
Scale : 1:10	Engineer Assistant (H.C.S. Perunthille) : <i>Kes</i>
Date : 2023-08-04	Design Engineer (Eng. N.M.S. Manganalle) : <i>N.M.M</i>
Drawn By : Monali	Director (Engineering) (Eng. C.B. Abeyedera) : <i>C.B.A</i>

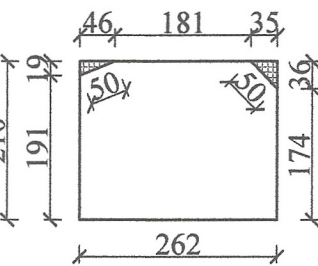
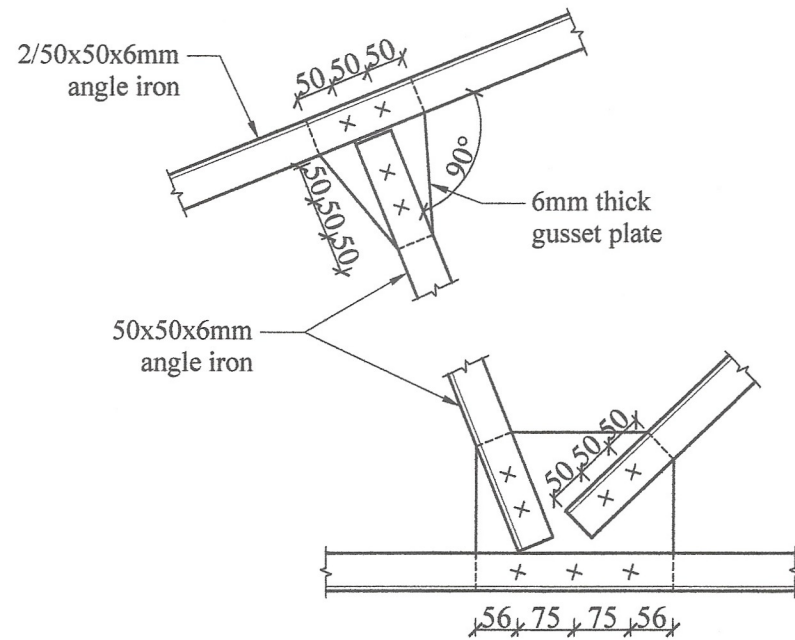
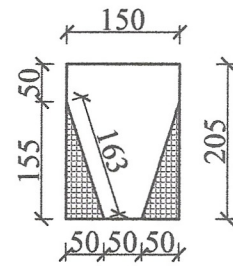
DETAILED DRAWING (RATE ANALYSIS)

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Fax: 09122-42786 / 09122-42787 09122-48181 / 09122-33125 E-mail: engserv@spcc.gov.lk



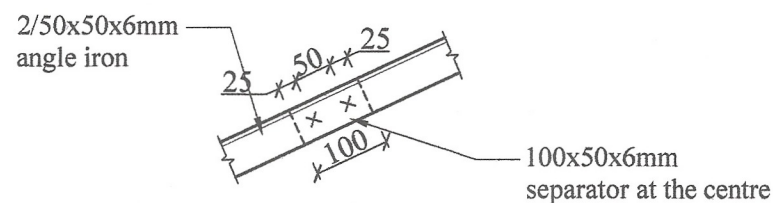
PLAN AT - A

Scale - 1:10



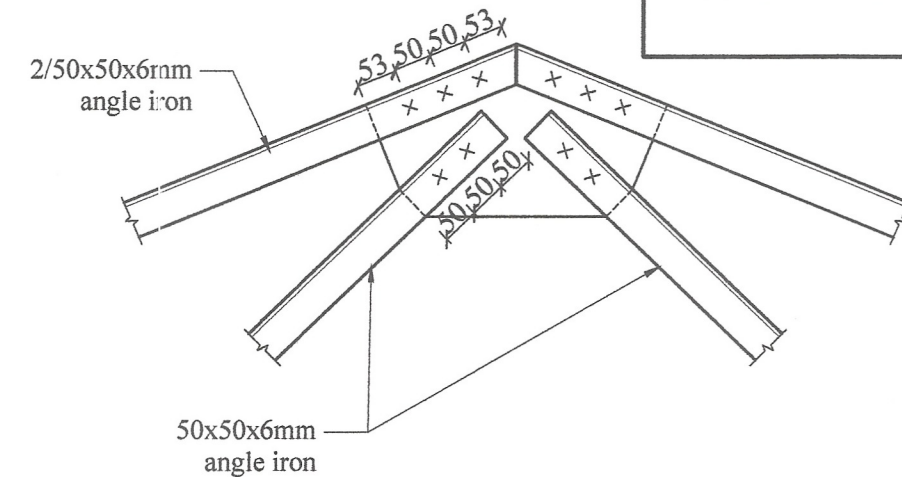
DETAIL AT - B

Scale - 1:10



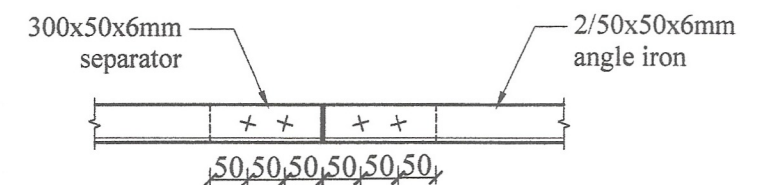
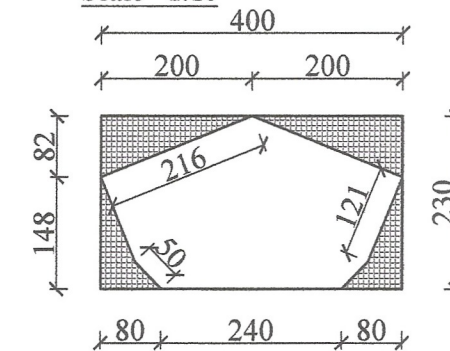
DETAIL AT - C

Scale - 1:10



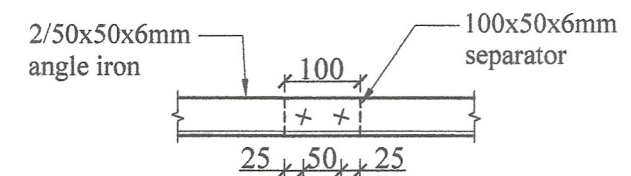
CROWN DETAIL

Scale - 1:10



DETAIL AT - D

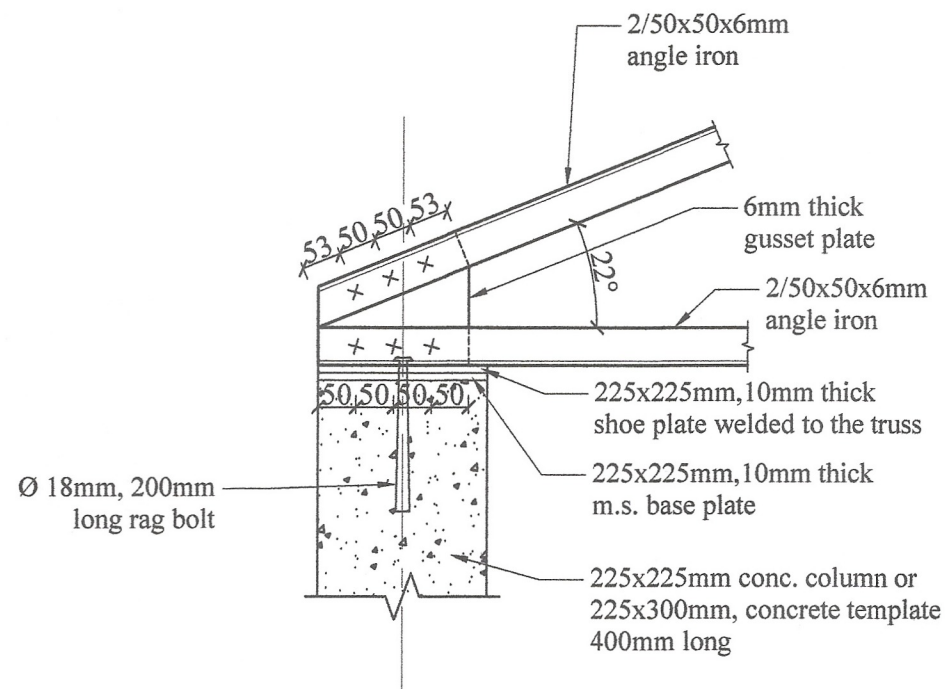
Scale - 1:10



DETAIL AT - E

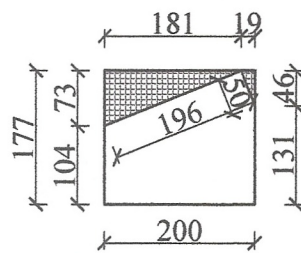
Scale - 1:10

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DCS(Eng)



DETAIL AT - A

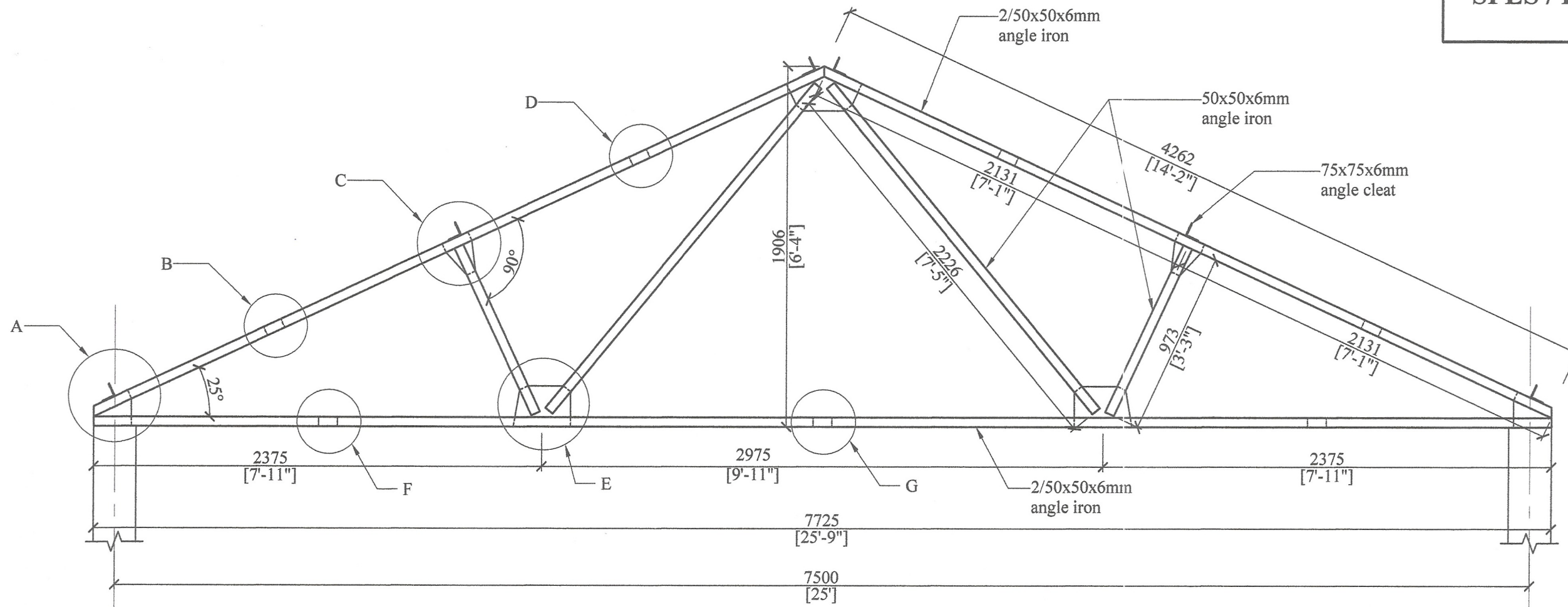
Scale - 1:10



**STEEL ROOF TRUSS SPAN 7.5m (25'- 0''), PITCH 22°
FOR ASBESTOS SHEET ROOF.
(WITHOUT EAVE)**

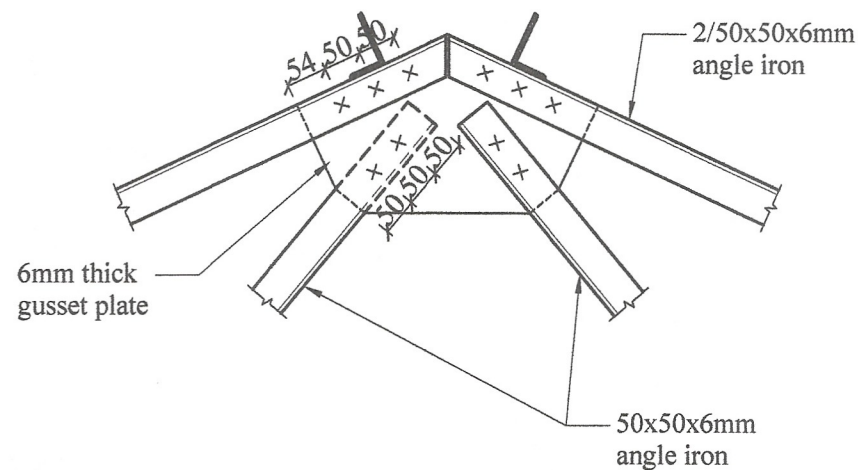
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Sheet No : 02	Checked By (S.P. Wickramasinghe)	DETAILED DRAWING (RATE ANALYSIS) ENGINEERING SERVICES OFFICE, SOUTHERN PROVINCIAL COUNCIL, GALLE. Tel: 08122-42761 / 08122-42765 / 08122-40181 / 08122-33151 / 08122-48822 / 080208745 Fax: 08122-42761 / 08122-42765 / 08122-40181 / 08122-33151 E-mail: engserv@spc.lk
Drawing No : SPES / Rate 23 / Ir - 05	D.O.A. (G.N.R. Ekanayake)	
Scale : 1:10	Engineer Assistant (H.K.S. Prasaditha)	
Date : 2023-08-04	Design Engineer (Eng. N.M.S. Mungana)	
Drawn By : Monali	Director (Engineering) (Eng. C.B. Abeyaratne)	



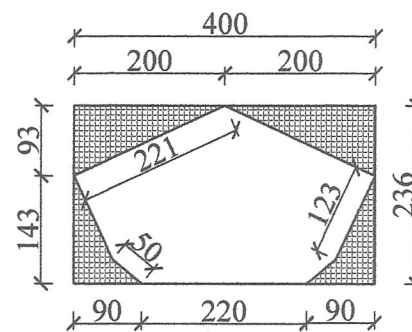
ROOF TRUSS

Scale - 1:25



CROWN DETAIL

Scale - 1:10



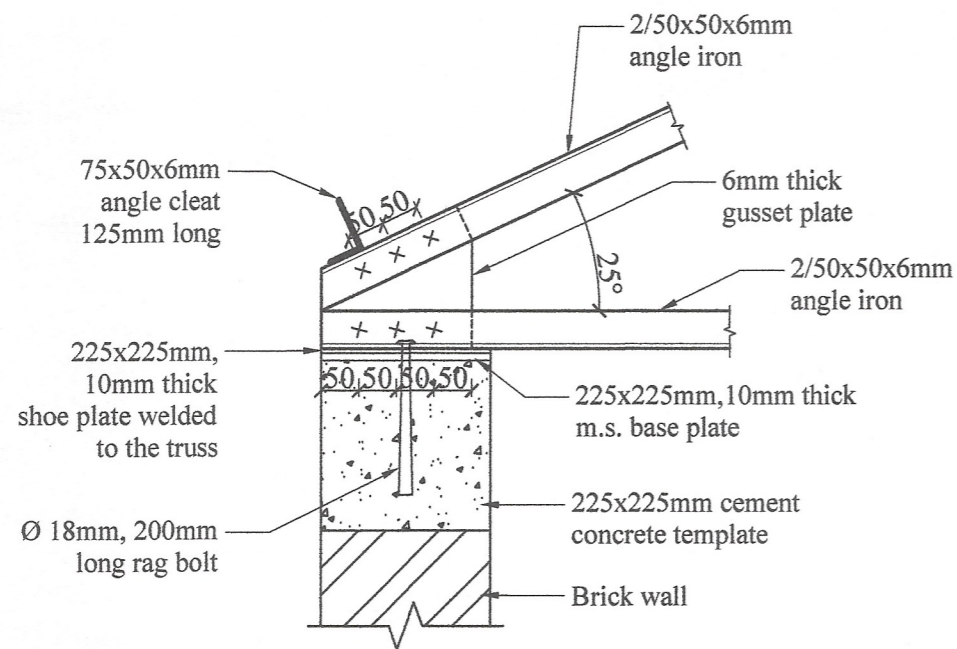
- Note:-**
1. Pitch of roof 25° for calicut tiles.
 2. All gusset plates to be 6mm thick.
 3. All bolts to be Ø12.5mm unless otherwise specified.
 4. Max spacing of trusses to be 3m (10'- 0").
 5. Provide 150x75mm purlins at center and lower edge and 175x50mm purlins at crown for 3m spacing of trusses
 6. 75x75x6mm angle cleats 125mm long to be welded as shown with 2 nos. of Ø12.5mm holes on vertical leg.
 7. 225x225mm 1:3:6 (25) concrete template 750mm long to be provided if the truss to be placed on a brick wall.

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DCS(Eng)

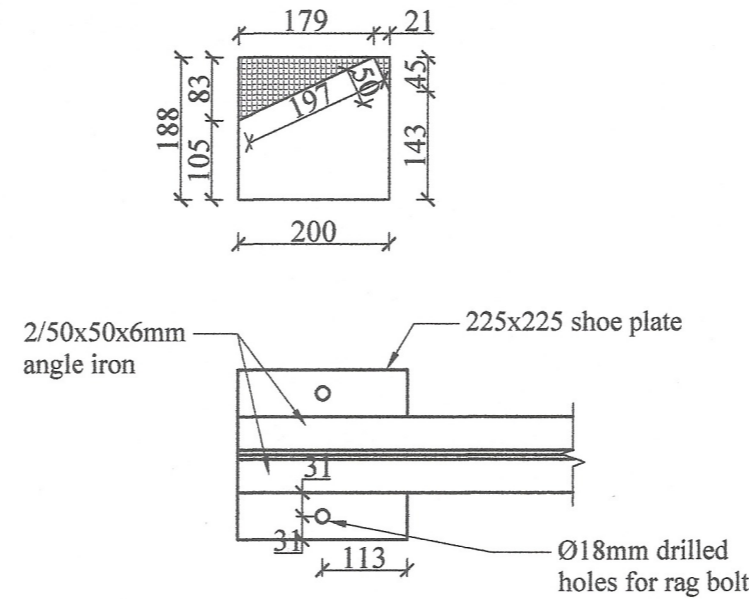
**STEEL ROOF TRUSS SPAN 7.5m (25'- 0"), PITCH 25°
FOR CALICUT TILE ROOF.
(WITHOUT EAVE)**

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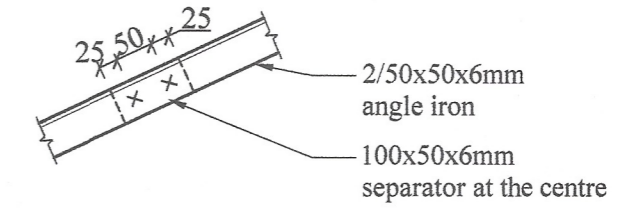
Sheet No : 01	Checked By (S.P. Weerasinghe) : <i>S.P. Weerasinghe</i>	DETAILED DRAWING (RATE ANALYSIS)
Drawing No : SPES / Rate 23 / Ir - 06	D.O.A. (GNR, Kandy) : <i>C.P. Doshi</i>	
Scale : 1:25	Engineer Assistant (R.K.S. Perera) : <i>R.K.S. Perera</i>	ENGINEERING SERVICES OFFICE. SOUTHERN PROVINCIAL COUNCIL, GALLE. Tel: 9122-42781 / 9122-42782 / 9122-42783 / 9122-42784 / 9122-42785 / 9122-42786 / 9122-42787 / 9122-42788 / 9122-42789 / 9122-42790 / 9122-42791 / 9122-42792 / 9122-42793 / 9122-42794 / 9122-42795 / 9122-42796 / 9122-42797 / 9122-42798 / 9122-42799 / 9122-42800 / 9122-42801 / 9122-42802 / 9122-42803 / 9122-42804 / 9122-42805 / 9122-42806 / 9122-42807 / 9122-42808 / 9122-42809 / 9122-42810 / 9122-42811 / 9122-42812 / 9122-42813 / 9122-42814 / 9122-42815 / 9122-42816 / 9122-42817 / 9122-42818 / 9122-42819 / 9122-42820 / 9122-42821 / 9122-42822 / 9122-42823 / 9122-42824 / 9122-42825 / 9122-42826 / 9122-42827 / 9122-42828 / 9122-42829 / 9122-42830 / 9122-42831 / 9122-42832 / 9122-42833 / 9122-42834 / 9122-42835 / 9122-42836 / 9122-42837 / 9122-42838 / 9122-42839 / 9122-42840 / 9122-42841 / 9122-42842 / 9122-42843 / 9122-42844 / 9122-42845 / 9122-42846 / 9122-42847 / 9122-42848 / 9122-42849 / 9122-42850 / 9122-42851 / 9122-42852 / 9122-42853 / 9122-42854 / 9122-42855 / 9122-42856 / 9122-42857 / 9122-42858 / 9122-42859 / 9122-42860 / 9122-42861 / 9122-42862 / 9122-42863 / 9122-42864 / 9122-42865 / 9122-42866 / 9122-42867 / 9122-42868 / 9122-42869 / 9122-42870 / 9122-42871 / 9122-42872 / 9122-42873 / 9122-42874 / 9122-42875 / 9122-42876 / 9122-42877 / 9122-42878 / 9122-42879 / 9122-42880 / 9122-42881 / 9122-42882 / 9122-42883 / 9122-42884 / 9122-42885 / 9122-42886 / 9122-42887 / 9122-42888 / 9122-42889 / 9122-42890 / 9122-42891 / 9122-42892 / 9122-42893 / 9122-42894 / 9122-42895 / 9122-42896 / 9122-42897 / 9122-42898 / 9122-42899 / 9122-42900 / 9122-42901 / 9122-42902 / 9122-42903 / 9122-42904 / 9122-42905 / 9122-42906 / 9122-42907 / 9122-42908 / 9122-42909 / 9122-42910 / 9122-42911 / 9122-42912 / 9122-42913 / 9122-42914 / 9122-42915 / 9122-42916 / 9122-42917 / 9122-42918 / 9122-42919 / 9122-42920 / 9122-42921 / 9122-42922 / 9122-42923 / 9122-42924 / 9122-42925 / 9122-42926 / 9122-42927 / 9122-42928 / 9122-42929 / 9122-42930 / 9122-42931 / 9122-42932 / 9122-42933 / 9122-42934 / 9122-42935 / 9122-42936 / 9122-42937 / 9122-42938 / 9122-42939 / 9122-42940 / 9122-42941 / 9122-42942 / 9122-42943 / 9122-42944 / 9122-42945 / 9122-42946 / 9122-42947 / 9122-42948 / 9122-42949 / 9122-42950 / 9122-42951 / 9122-42952 / 9122-42953 / 9122-42954 / 9122-42955 / 9122-42956 / 9122-42957 / 9122-42958 / 9122-42959 / 9122-42960 / 9122-42961 / 9122-42962 / 9122-42963 / 9122-42964 / 9122-42965 / 9122-42966 / 9122-42967 / 9122-42968 / 9122-42969 / 9122-42970 / 9122-42971 / 9122-42972 / 9122-42973 / 9122-42974 / 9122-42975 / 9122-42976 / 9122-42977 / 9122-42978 / 9122-42979 / 9122-42980 / 9122-42981 / 9122-42982 / 9122-42983 / 9122-42984 / 9122-42985 / 9122-42986 / 9122-42987 / 9122-42988 / 9122-42989 / 9122-42990 / 9122-42991 / 9122-42992 / 9122-42993 / 9122-42994 / 9122-42995 / 9122-42996 / 9122-42997 / 9122-42998 / 9122-42999 / 9122-43000
Date : 2023-08-04	Design Engineer (Eng. N.M.S. Manjula) : <i>N.M.S. Manjula</i>	
Drawn By : Monali	Director (Engineering) (Eng. C.B. Abeyaratne) : <i>C.B. Abeyaratne</i>	



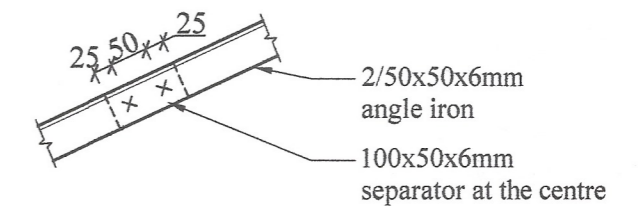
DETAIL AT - A
Scale - 1:10



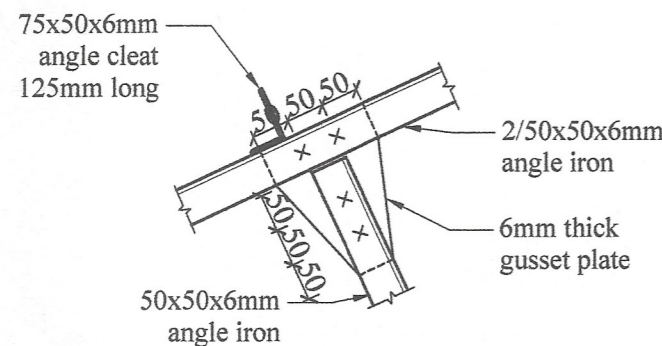
**PLAN AT
DETAIL - A**



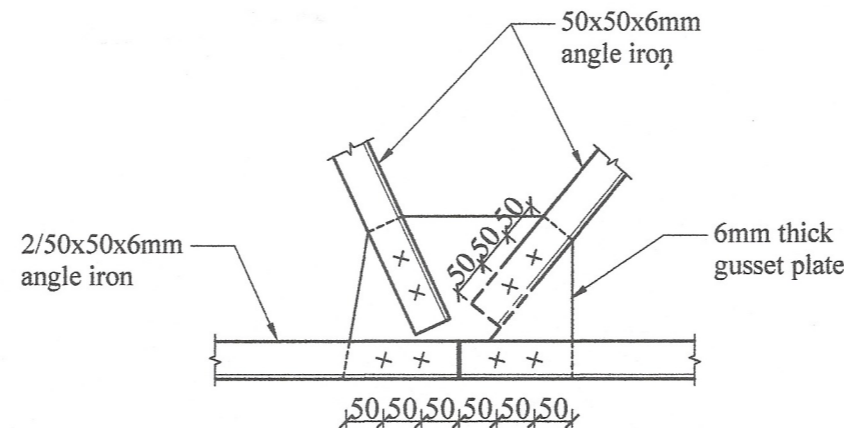
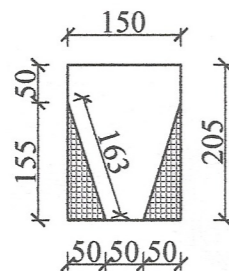
DETAIL AT - B
Scale - 1:10



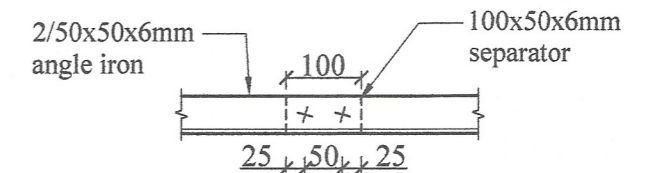
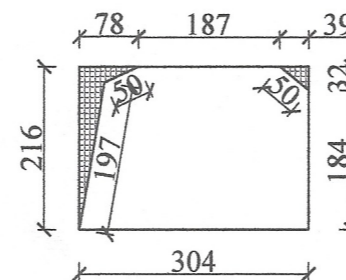
DETAIL AT - D
Scale - 1:10



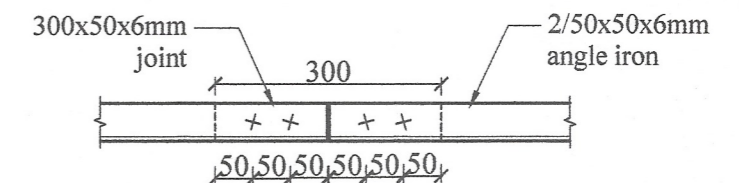
DETAIL AT - C
Scale - 1:10



DETAIL AT - E
Scale - 1:10



DETAIL AT - F
Scale - 1:10



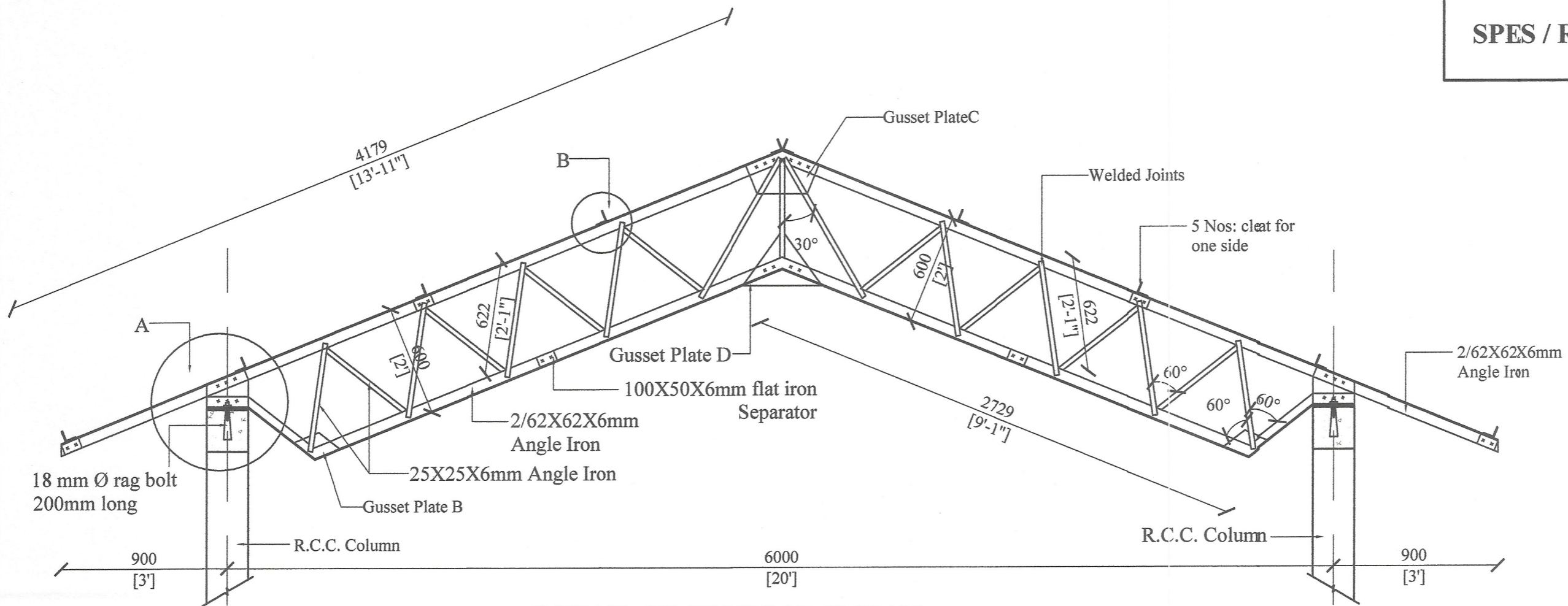
DETAIL AT - G
Scale - 1:10

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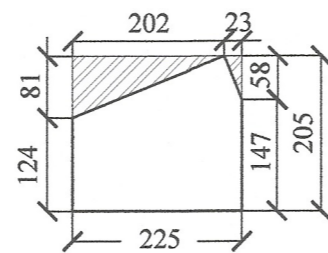
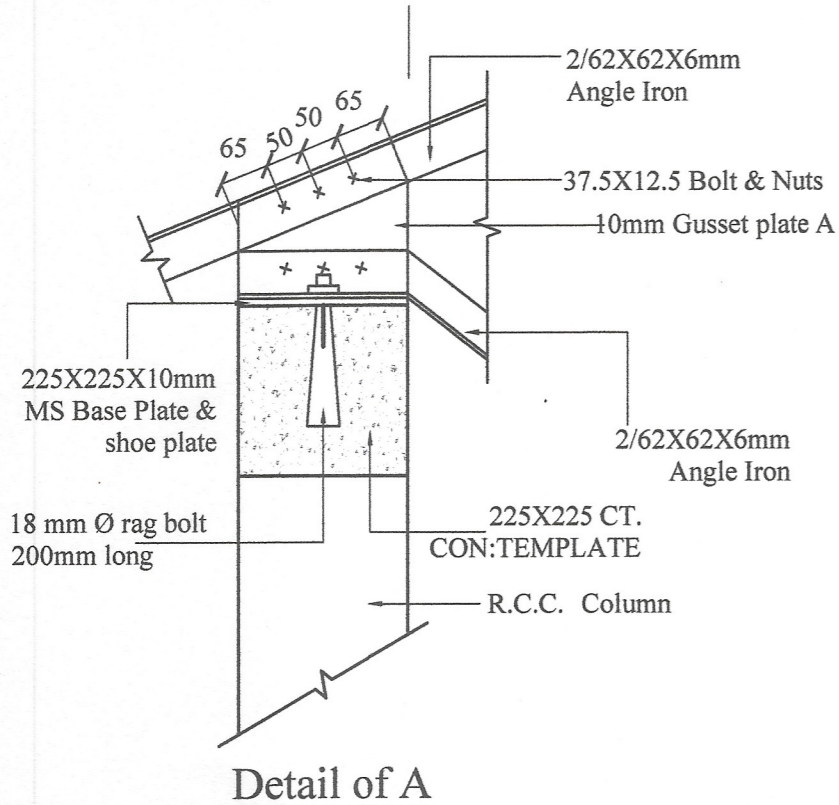
**STEEL ROOF TRUSS SPAN 7.5m (25'- 0''), PITCH 25°
FOR CALICUT TILE ROOF.
(WITHOUT EAVE)**

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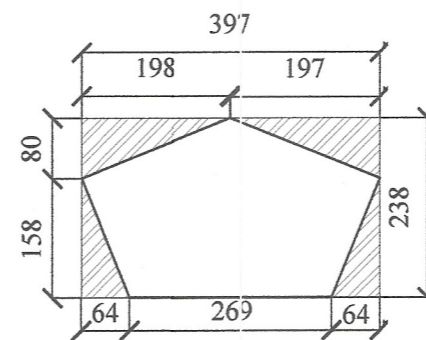
Sheet No : 02	Checked By (S.P. Weddunilage) : <i>S.P. Weddunilage</i>	DETAILED DRAWING (RATE ANALYSIS) ENGINEERING SERVICES OFFICE. SOUTHERN PROVINCIAL COUNCIL, GALLE. <small>Tel: 09122-42786 / 09122-42789 09122-49191 / 09122-50125 / 09122-48821 / 0902030745 Fax: 09122-42786 / 09122-42789 09122-49191 / 09122-51125 E-mail: engserv@spc.gov.lk</small>
Drawing No : SPES / Rate 23 / Ir - 06	D.O.A. (G.N.R. Ranapala) : <i>C. Dashik</i>	
Scale : 1:10	Engineer Assistant (H.E.S. Perumbathila) : <i>K. K. K.</i>	
Date : 2023-08-04	Design Engineer (Eng. N.M.S. Manganam) : <i>N. Manganam</i>	
Drawn By : Moolali	Director (Engineering) (Eng. C.B. Abeyaratne) : <i>C.B. Abeyaratne</i>	



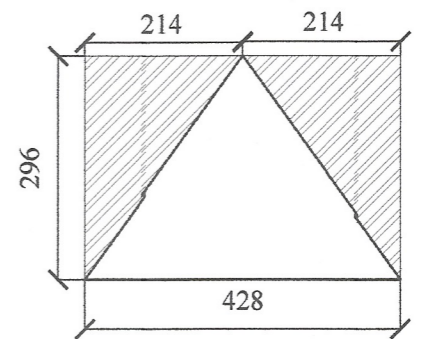
DETAIL OF TRUSS 20'-0" SPAN



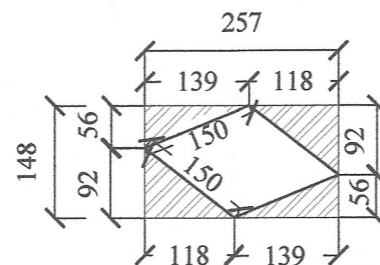
Gusset plate A



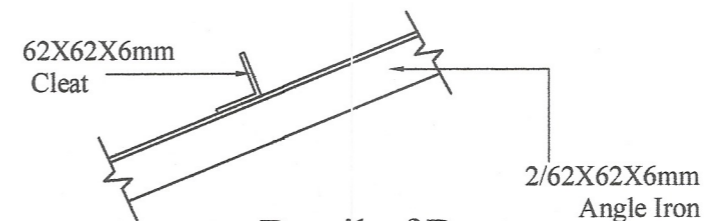
Gusset plate C



Gusset plate D



Gusset plate B



Detail of B

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**WEB TRUSS SPAN 6m (20'-0"), PITCH 22°
FOR ASBESTOS SHEET ROOF WITH ANGLE IRON PURLING**

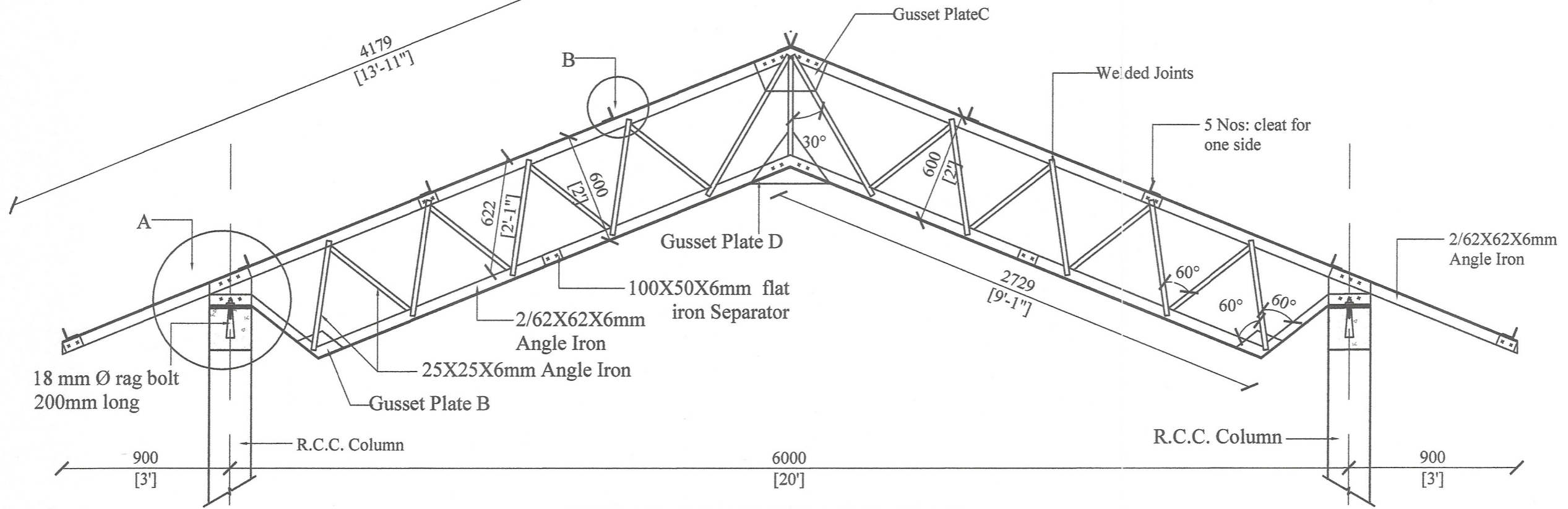
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Sheet No : 01	Checked By : <i>S. Jayasinghe</i> (S.P. Wehasinghe)
Drawing No : SPES / Rate 23 / IR-07	D.O.A. : <i>C. Rajapaksa</i> (G.N.R. Kumudika)
Scale : 1:25	Engineer Assistant : <i>K. Jayasinghe</i> (H.K.S. Premaratne)
Date : 2023-08-04	Design Engineer : <i>N. M. M. M. M. M.</i> (Eng. N.M.S. M. M. M. M.)
Drawn By : <i>S. Kalita</i>	Director (Engineering) : <i>S. Kalita</i> (Eng. C.B. Abeyaratne)

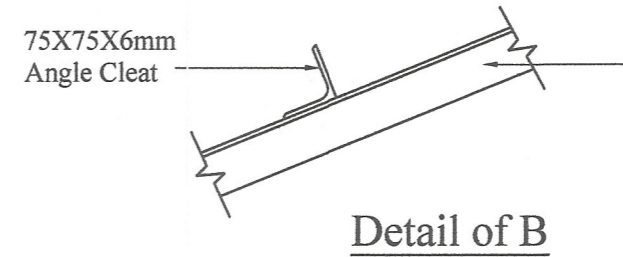
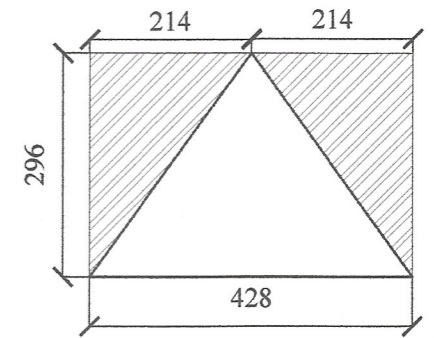
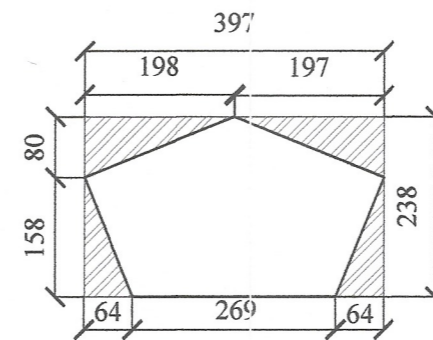
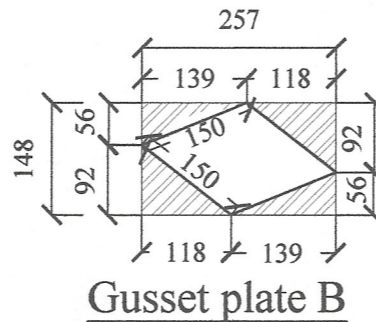
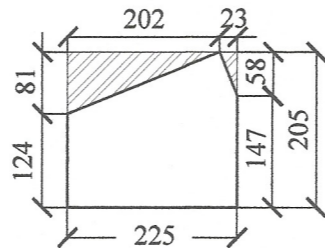
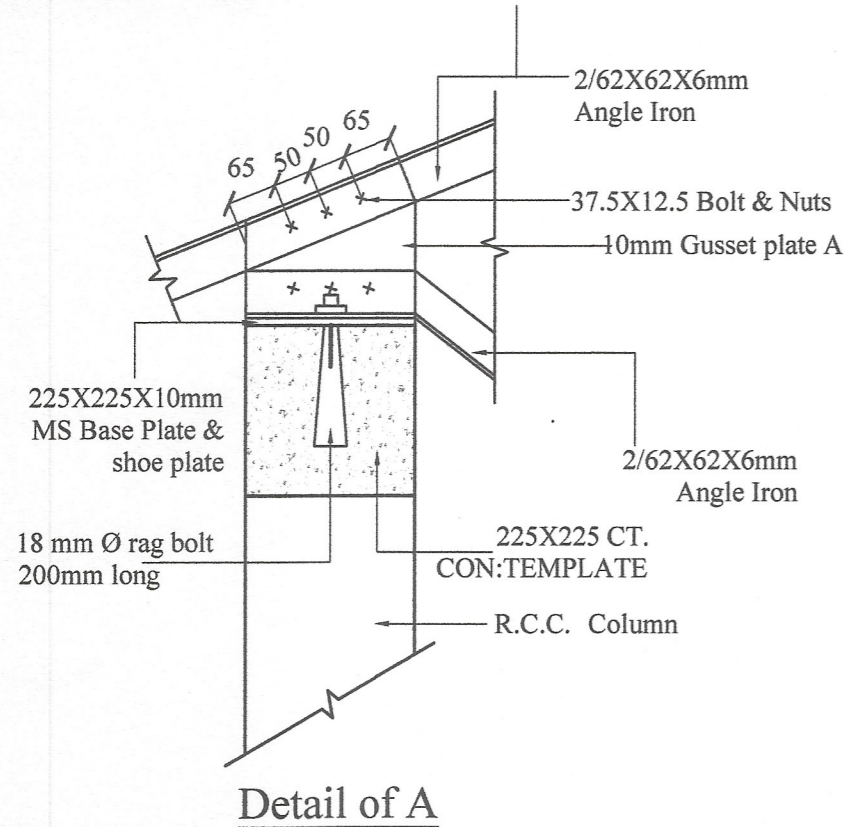
**DETAILED DRAWING
(RATE ANALYSIS)**

**ENGINEERING SERVICES OFFICE,
SOUTHERN PROVINCIAL COUNCIL, GALLE.**

Tel: 0112-42701 / 0112-42702 / 0112-42703 / 0112-42704 / 0112-42705 / 0112-42706 / 0112-42707 / 0112-42708 / 0112-42709 / 0112-42710 / 0112-42711 / 0112-42712 / 0112-42713 / 0112-42714 / 0112-42715 / 0112-42716 / 0112-42717 / 0112-42718 / 0112-42719 / 0112-42720 / 0112-42721 / 0112-42722 / 0112-42723 / 0112-42724 / 0112-42725 / 0112-42726 / 0112-42727 / 0112-42728 / 0112-42729 / 0112-42730 / 0112-42731 / 0112-42732 / 0112-42733 / 0112-42734 / 0112-42735 / 0112-42736 / 0112-42737 / 0112-42738 / 0112-42739 / 0112-42740 / 0112-42741 / 0112-42742 / 0112-42743 / 0112-42744 / 0112-42745 / 0112-42746 / 0112-42747 / 0112-42748 / 0112-42749 / 0112-42750 / 0112-42751 / 0112-42752 / 0112-42753 / 0112-42754 / 0112-42755 / 0112-42756 / 0112-42757 / 0112-42758 / 0112-42759 / 0112-42760 / 0112-42761 / 0112-42762 / 0112-42763 / 0112-42764 / 0112-42765 / 0112-42766 / 0112-42767 / 0112-42768 / 0112-42769 / 0112-42770 / 0112-42771 / 0112-42772 / 0112-42773 / 0112-42774 / 0112-42775 / 0112-42776 / 0112-42777 / 0112-42778 / 0112-42779 / 0112-42780 / 0112-42781 / 0112-42782 / 0112-42783 / 0112-42784 / 0112-42785 / 0112-42786 / 0112-42787 / 0112-42788 / 0112-42789 / 0112-42790 / 0112-42791 / 0112-42792 / 0112-42793 / 0112-42794 / 0112-42795 / 0112-42796 / 0112-42797 / 0112-42798 / 0112-42799 / 0112-42800



DETAIL OF TRUSS 20'-0" SPAN



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**WEB TRUSS SPAN 6m (20'-0"), PITCH 22°
FOR ASBESTOS SHEET ROOF WITH TIMBER PURLING**

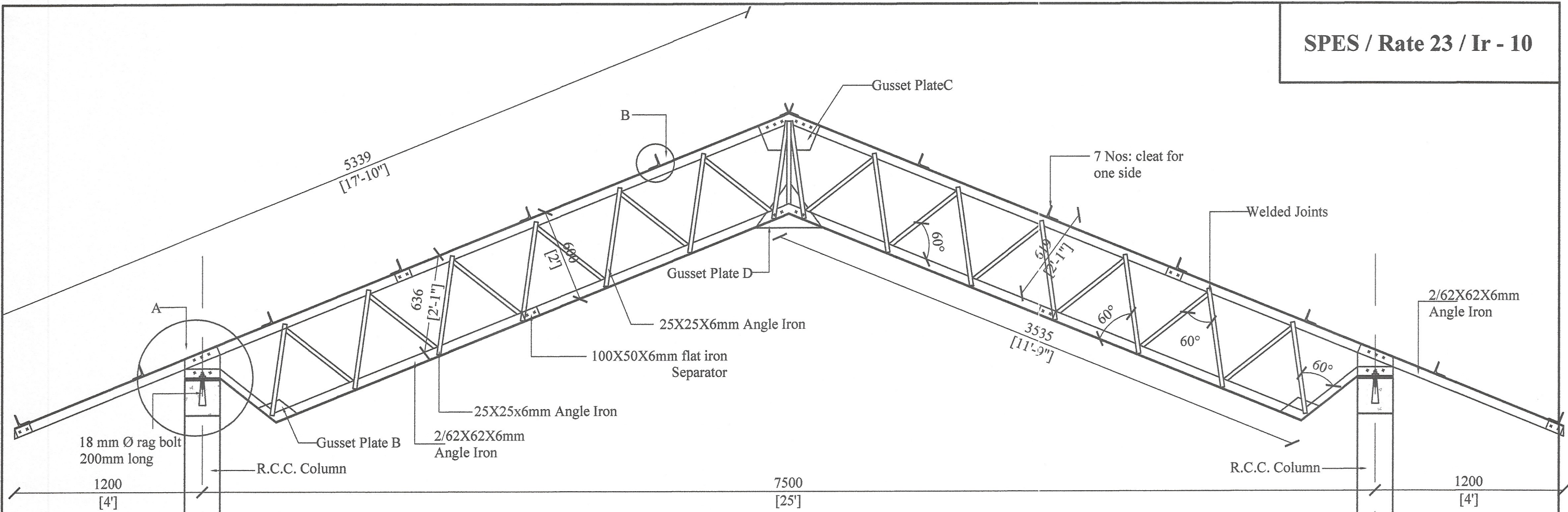
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Sheet No : 01	Checked By : S.P. Weerasinghe
Drawing No : SPES / Rate 23 / IR - 08	D.O.A. : C.P. Rajan
Scale : 1 : 25	Engineer Assistant : [Signature]
Date : 2023-08-04	Design Engineer : [Signature]
Drawn By : [Signature]	Director (Engineering) : [Signature]

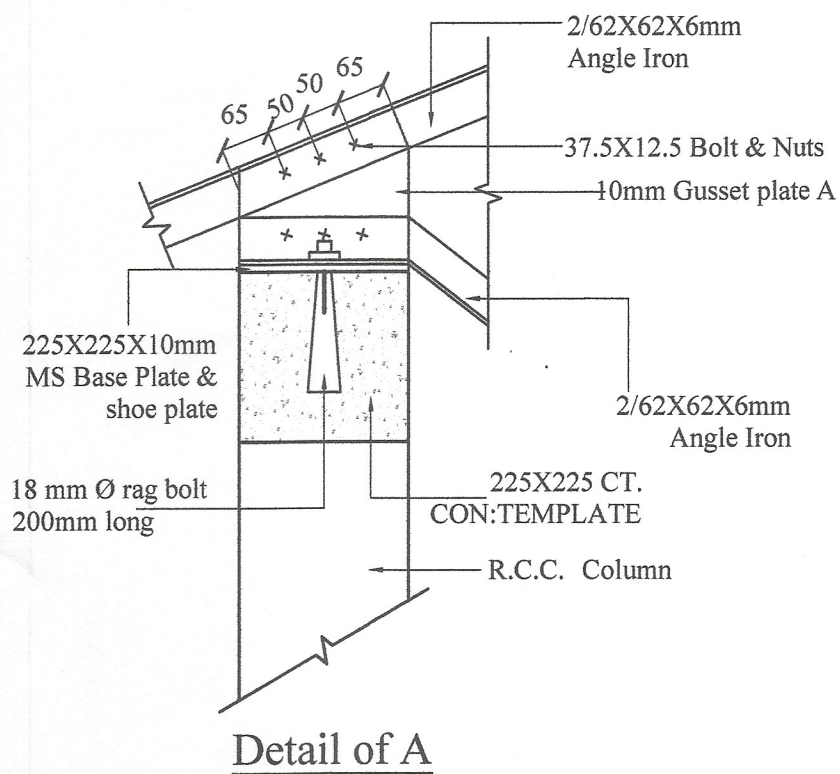
DETAILED DRAWING (RATE ANALYSIS)

ENGINEERING SERVICES OFFICE.
SOUTHERN PROVINCIAL COUNCIL, GALLE.

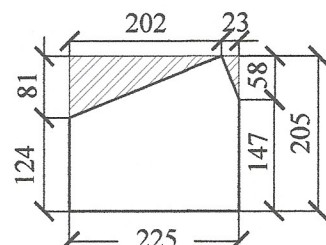
Tel: 01122-42786 / 01122-42785 / 01122-40161 / 01122-51125 / 01122-42382 / 0862265745
Fax: 01122-42786 / 01122-42785 / 01122-40161 / 01122-51125 E-mail: engserv@spc.gov.lk



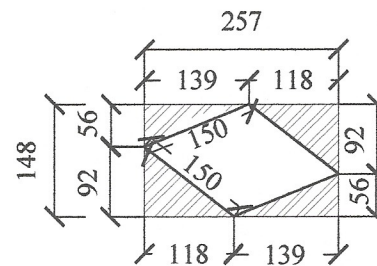
DETAIL OF TRUSS 25'-0" SPAN



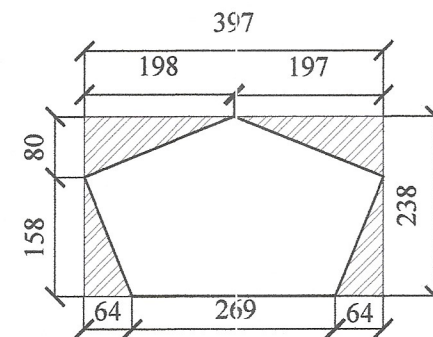
Detail of A



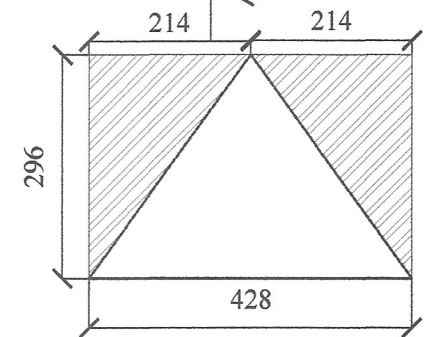
Gusset plate A



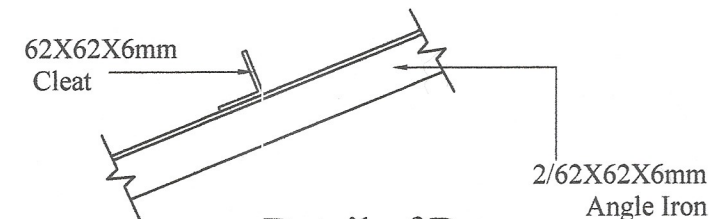
Gusset plate B



Gusset plate C



Gusset plate D



Detail of B

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DCS(Eng)

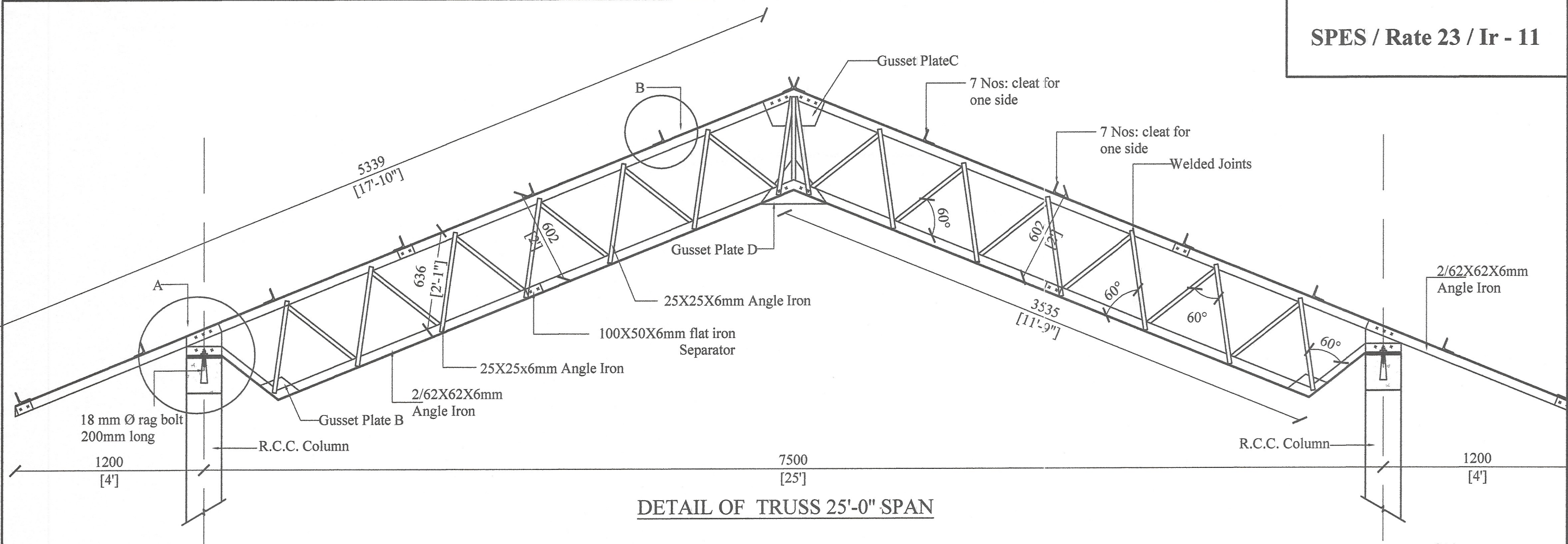
**PROPOSED WEB TRUSS SPAN 7.5m (25'-0''), PITCH 22°
FOR ASBESTOS SHEET ROOF WITH ANGLE IRON PURLING**

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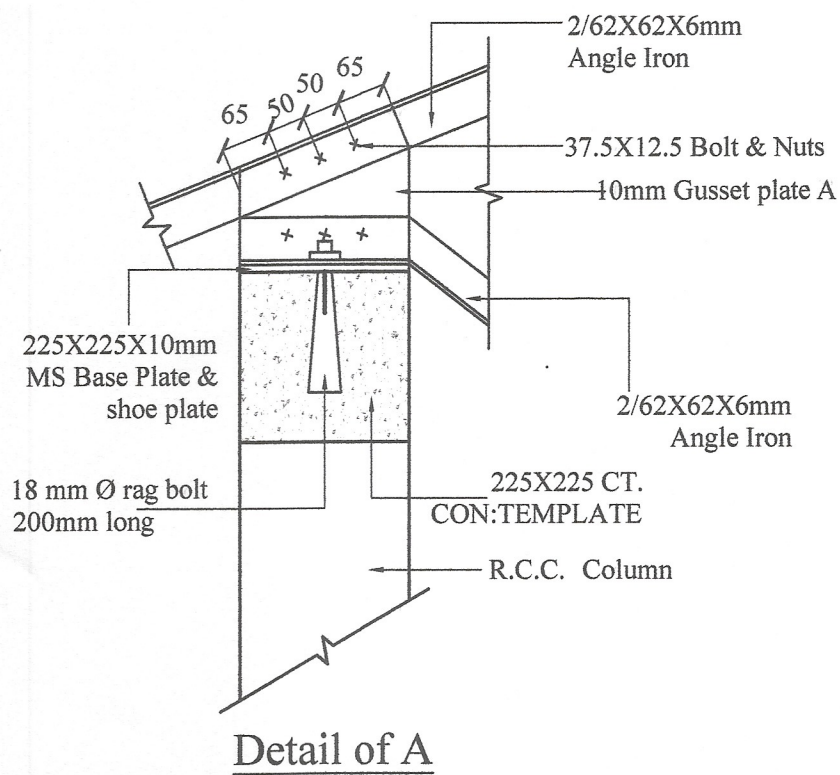
Sheet No : 01	Checked By (S.P. Wickramasinghe)
Drawing No : SPES / Rate 23 / IR - 10	D.O.A. (G.N.R. Ekanayake)
Scale : 1 : 25	Engineer Assistant (H.K.S. Premaratne)
Date : 2023-08-04	Design Engineer (Eng. N.M.S. Manasinghe)
Drawn By : (S. Manali)	Director (Engineering) (Eng. C.B. Abeyaratne)

**DETAILED DRAWING
(RATE ANALYSIS)**

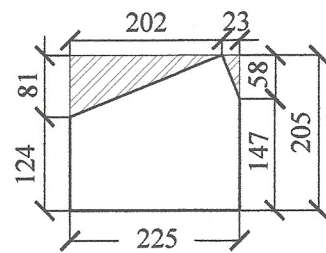
ENGINEERING SERVICES OFFICE.
SOUTHERN PROVINCIAL COUNCIL, GALLE.
Tel: 09122-42786 / 09122-42789 / 09122-40161 / 09122-50155 / 09122-40232 / 09122-50145
Fax: 09122-42781 / 09122-42785 / 09122-40161 / 09122-50155 E-mail: engserv@spc.gov.lk



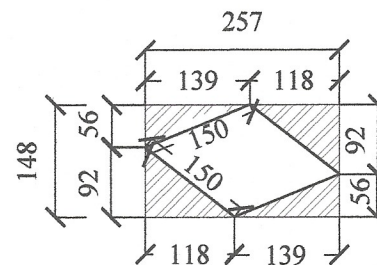
DETAIL OF TRUSS 25'-0" SPAN



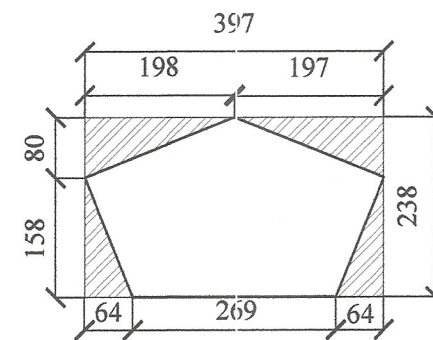
Detail of A



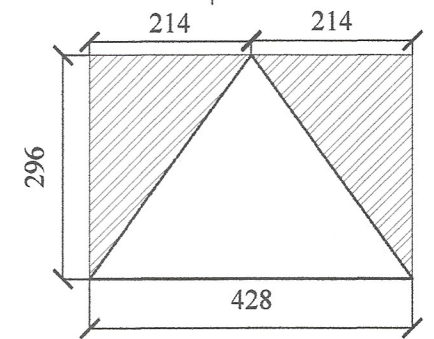
Gusset plate A



Gusset plate B

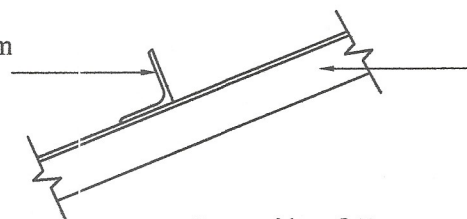


Gusset plate C



Gusset plate D

75X75X6mm Angle Cleat



Detail of B

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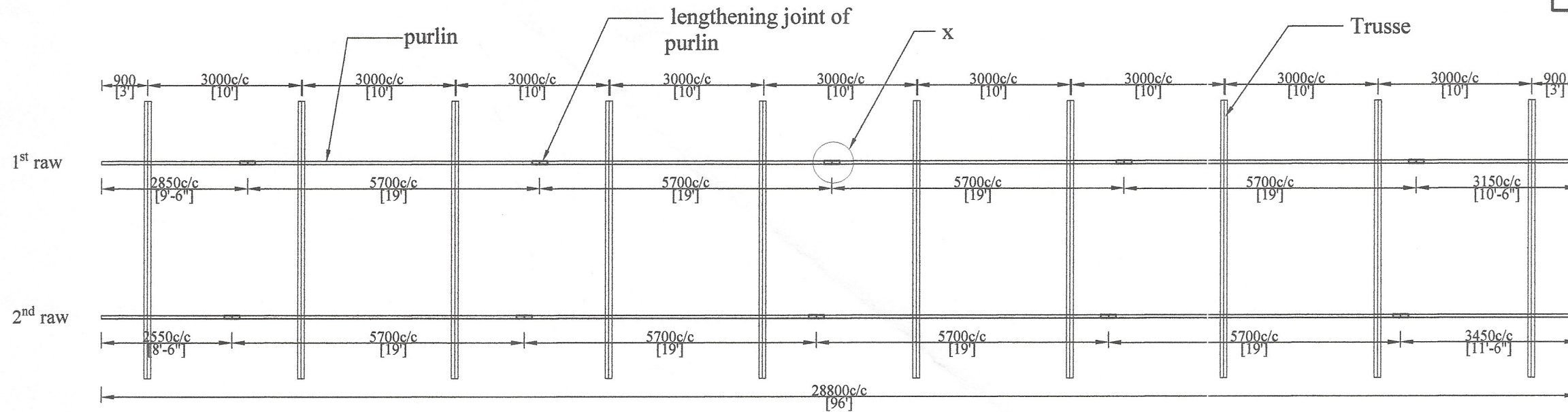
PROPOSED WEB TRUSS SPAN 7.5m (25'-0"), PITCH 22° FOR ASBESTOS SHEET ROOF WITH TIMBER PURLING

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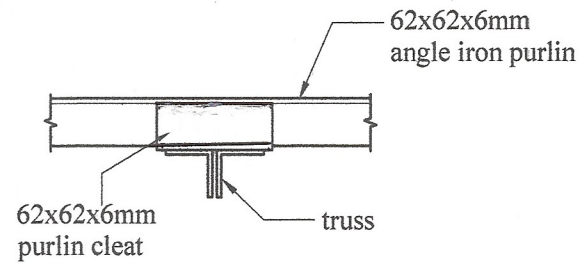
Sheet No : 01	Checked By : Sryawee (S.P. Weerasinghe)
Drawing No : SPES / Rate 23 / IR - 11	D.O.A. (G.N.R. Ekanayake) C.Dashit
Scale : 1:25	Engineer Assistant : (H.K.S. Premaratne) K.D.
Date : 2023-08-04	Design Engineer (Eng. N.M.S. Mousangle) N.M.S.
Drawn By :	Director (Engineering) : (S. Manali) S.M.

DETAILED DRAWING (RATE ANALYSIS)

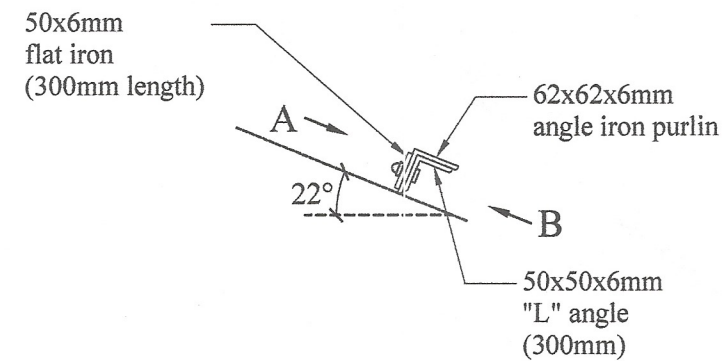
ENGINEERING SERVICES OFFICE, SOUTHERN PROVINCIAL COUNCIL, GALLE.
Tel: 09122-42786 / 09122-42789 / 09122-48181 / 09122-83125 / 09122-42382 / 0912283745
Fax: 09122-42786 / 09122-42789 / 09122-48181 / 09122-83125 E-mail: engserv@spc.gov.lk



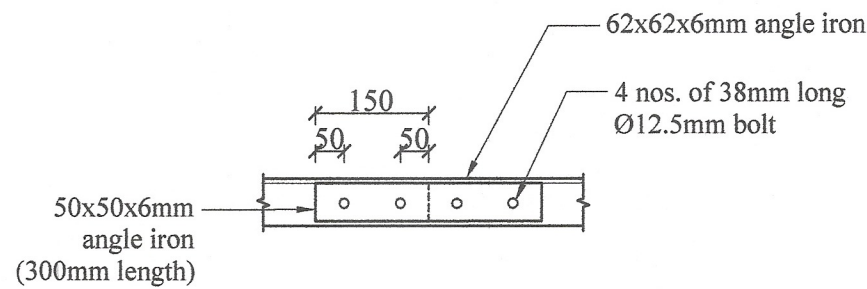
PURLIN LAYOUT
Scale - 1:100



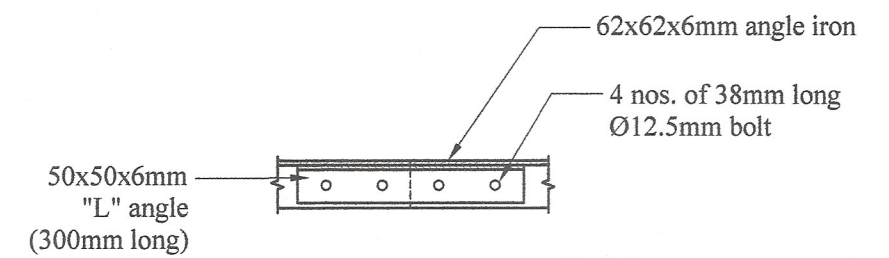
DETAIL AT-X
Scale - 1:10



LENGTHENING JOINT
Scale - 1:10



VIEW-A
Scale - 1:10



VIEW-B
Scale - 1:10

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LENGTHENING JOINTS OF PURLIN ON TRUSS

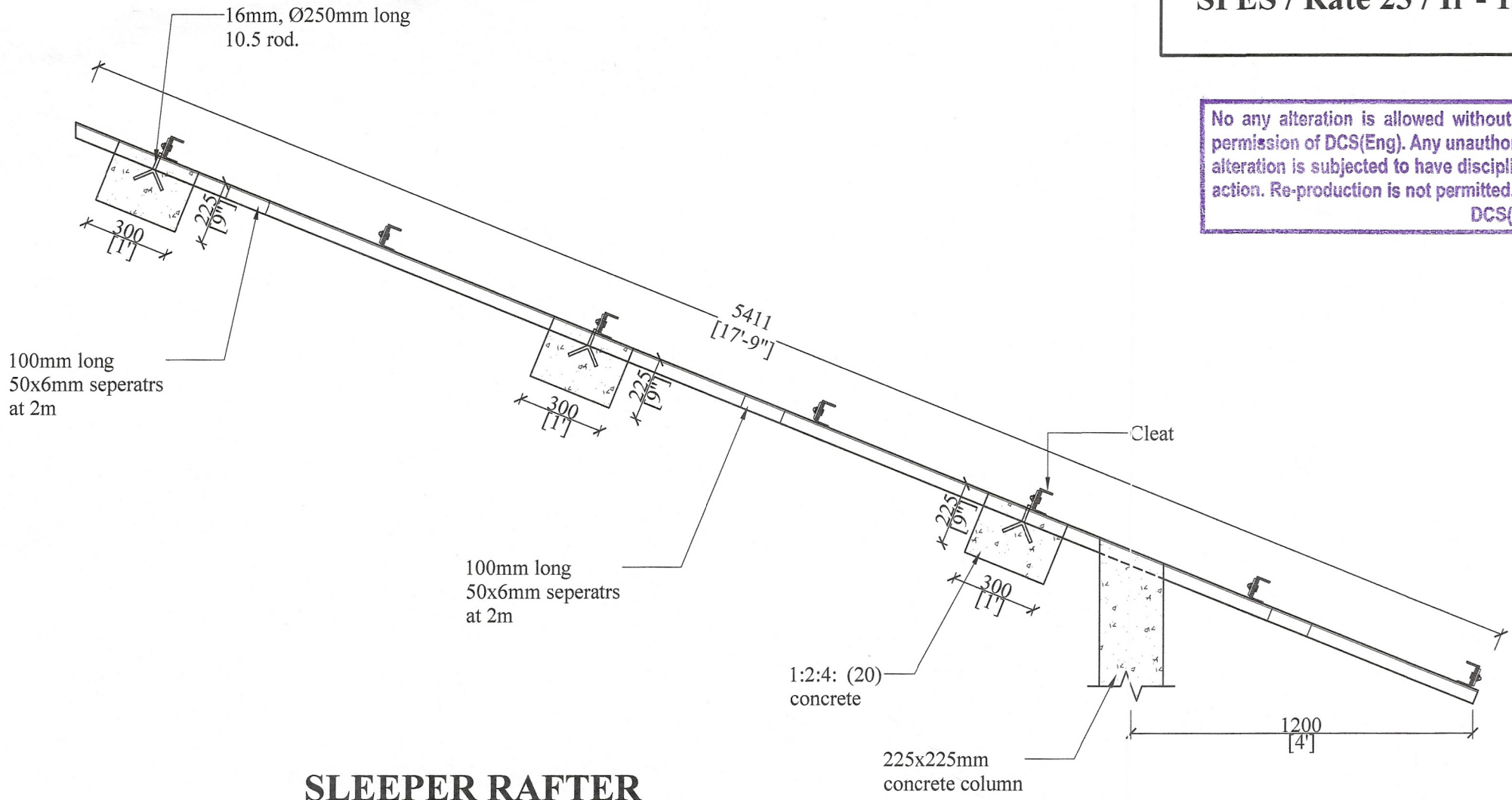
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Sheet No : 01	Checked By : <i>S.P. Wickramasinghe</i>
Drawing No : SPES / Rate 23 / Ir - 12	D.O.A. (Gen. Manager) : <i>C. Doshi</i>
Scale : 1:100, 1:10	Engineer Assistant : <i>[Signature]</i>
Date : 2023-09-18	Design Engineer (Eng. N.M.S. Manasinghe) : <i>N. Manasinghe</i>
Drawn By : Monali	Director (Engineering) : (Eng. C.B. Abeyaratne) : <i>C.B.A.</i>

DETAILED DRAWING (RATE ANALYSIS)

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SLEEPER RAFTER

Scale - 1:10

SLEEPER RAFTER

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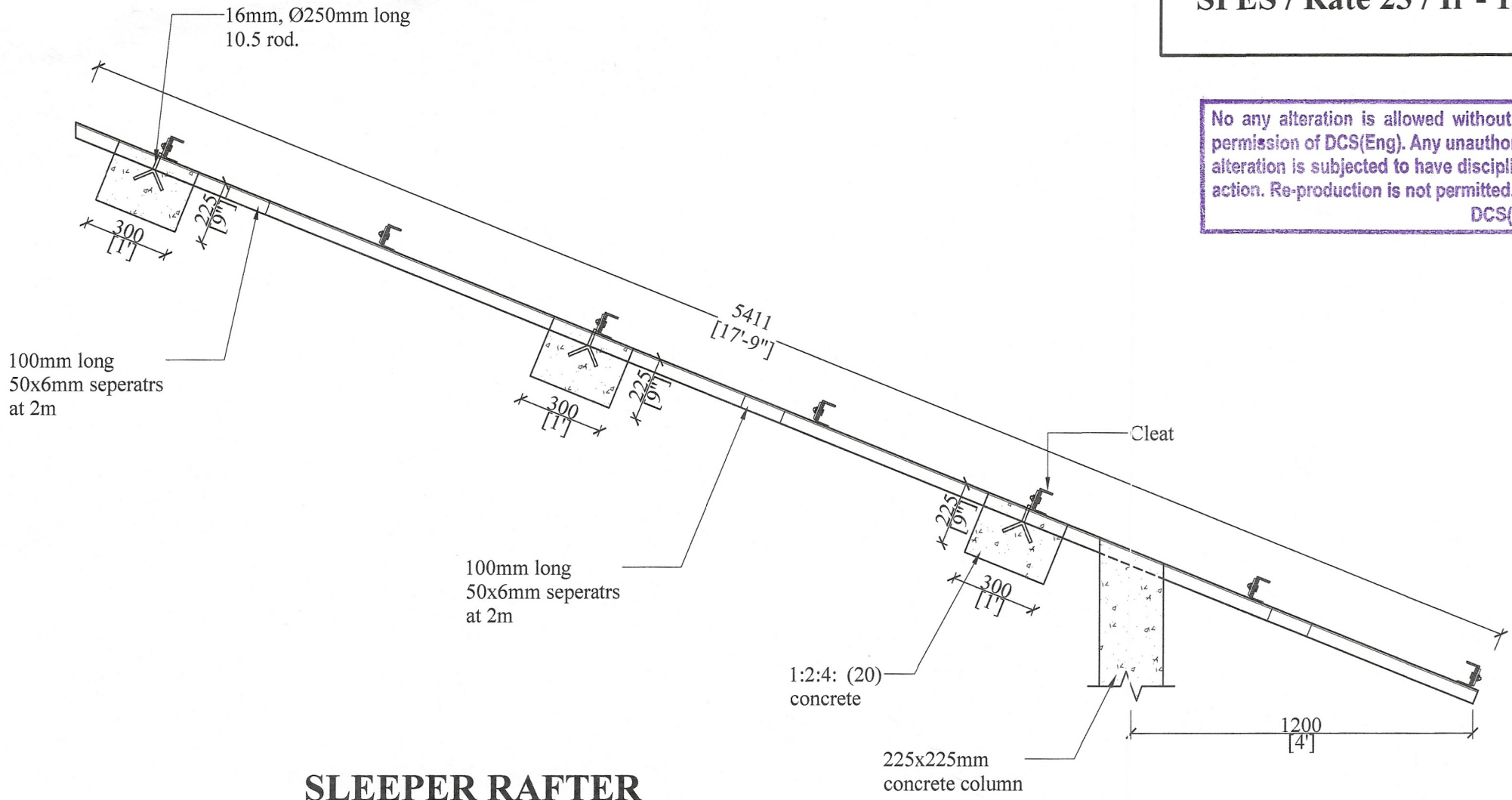
Sheet No : 01	Checked By : <i>S.P. Weerasinghe</i>
Drawing No : SPES / Rate 23 / Ir -13	D.O.A. : <i>C. Rajapaksa</i>
Scale : 1:20	Engineer Assistant : <i>A.S.D.</i>
Date : 2023-08-04	Design Engineer : <i>N.M.M.S. Manasinghe</i>
Drawn By : Monali	Director (Engineering) : <i>C.B.R.</i>

**DETAILED DRAWING
(RATE ANALYSIS)**

**ENGINEERING SERVICES OFFICE,
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Tel: 09122-42781/09122-42785 09122-49181/09122-50151/09122-40302/0922303745
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DCS(Eng)



SLEEPER RAFTER

Scale - 1:10

SLEEPER RAFTER

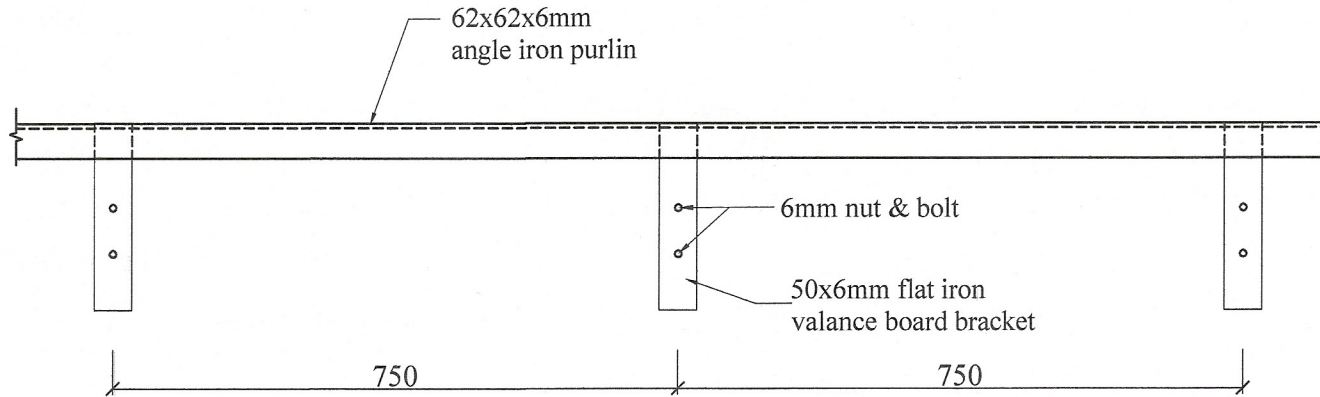
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Sheet No : 01	Checked By : <i>S.P. Weerasinghe</i>
Drawing No : SPES / Rate 23 / Ir -13	D.O.A. : <i>C. Rajapaksa</i>
Scale : 1:20	Engineer Assistant : <i>A.D.</i>
Date : 2023-08-04	Design Engineer : <i>N.M.S. Manasinghe</i>
Drawn By : Monali	Director (Engineering) : <i>C.B.R.</i>

**DETAILED DRAWING
(RATE ANALYSIS)**

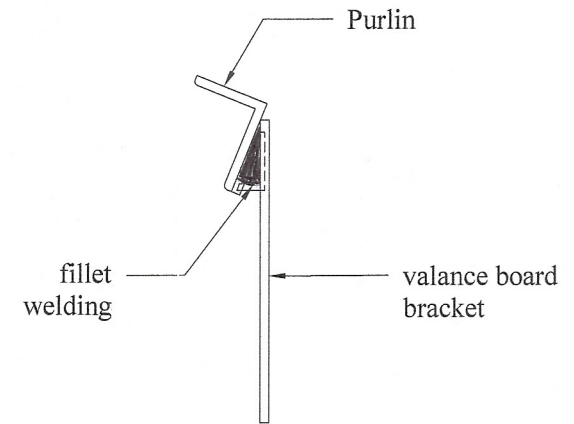
**ENGINEERING SERVICES OFFICE,
SOUTHERN PROVINCIAL COUNCIL, GALLE.**

Tel: 09122-42781/19122-42785 09122-49181/19122-50151/19122-40392/192235745
Fax: 09122-42786/19122-42785 09122-49181/19122-50152 E-mail: engservices@spco.com



FRONT ELEVATION

Scale - 1:10



SECTION

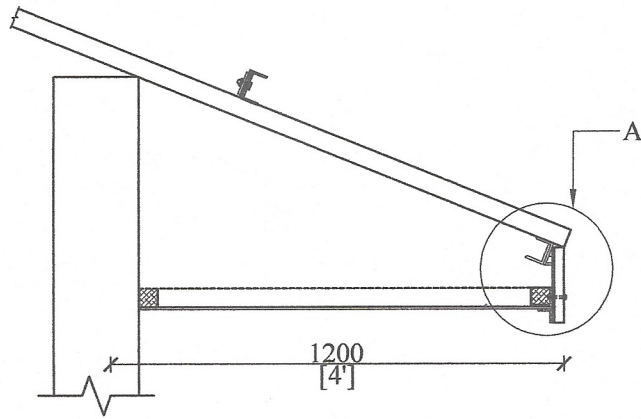
Scale - 1:10

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VALANCE BOARD FIXING

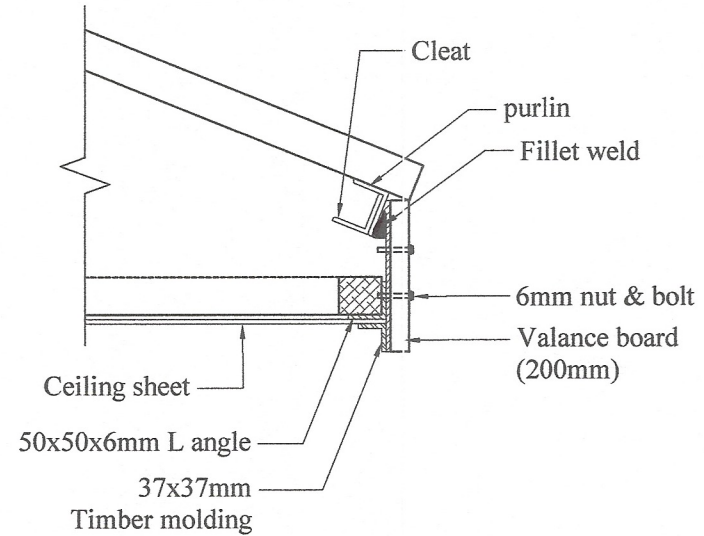
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Sheet No : 01	Checked By : <i>S. P. Weerasinghe</i>	DETAILED DRAWING (RATE ANALYSIS)
Drawing No : SPES / Rate 23 / Ir - 14	D.O.A. : <i>C. B. B.</i>	
Scale : 1 : 10, 1 : 5	Engineer Assistant : <i>N. A. M.</i>	ENGINEERING SERVICES OFFICE, SOUTHERN PROVINCIAL COUNCIL, GALLE. Tel: 09122-42786 / 09122-42785 / 09122-45161 / 09122-35125 / 09122-48282 / 099238745 Fax: 09122-42766 / 09122-42765 / 09122-45161 / 09122-35125 E-mail: engservices@slpc.com
Date : 2023-09-18	Design Engineer : <i>N. A. M.</i>	
Drawn By : Monali	Director (Engineering) : <i>C. B. B.</i>	



EAVES CEILING & VALANCE BOARDFIXING

Scale - 1:20




DETAIL AT - A

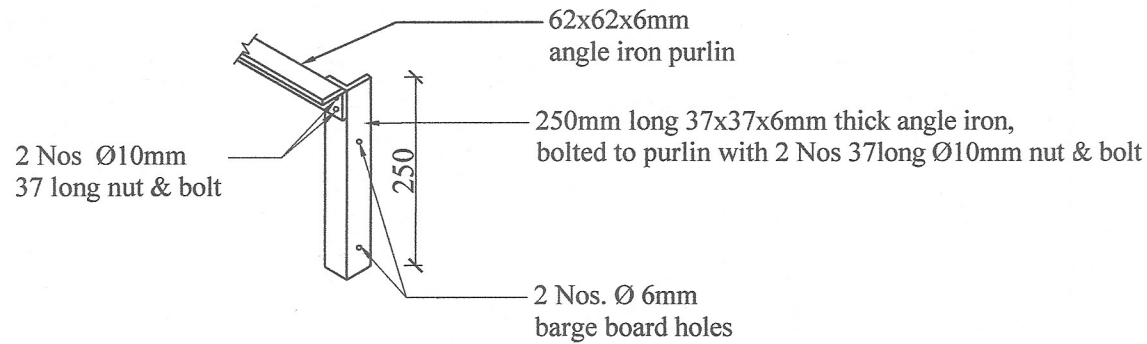
Scale - 1:10

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DETAIL DRAWING FOR EAVES CEILING, VALANCE BOARD FIXING AND

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Sheet No : 01	Checked By : <i>Syau</i> (S.P. Wehathilage)	DETAILED DRAWING (RATE ANALYSIS)
Drawing No : SPES / Rate 23 / Ir - 15	D.O.A. : <i>C. Dasthi</i> (GNR. Ekampala)	
Scale : 1:20, 1:10	Engineer Assistant : <i>A.D.</i> (U.S.S. Premathilaka)	 ENGINEERING SERVICES OFFICE. SOUTHERN PROVINCIAL COUNCIL, GALLE. Tel- 09122-42786 / 09122-42787 09122-40161 / 09122-33125 / 09122-40392 / 09122-30176 Fax- 09122-42786 / 09122-42787 09122-40161 / 09122-33125 E-mail- engsops@spc.gov.lk
Date : 2023-08-04	Design Engineer : <i>N. Manjula</i> (Eng. N.M.S. Manjula)	
Drawn By : Monali	Director (Engineering) : <i>C.B.A.</i> (Eng. C.B. Abayakera)	




BARGE BOARD BRACKET

Scale - 1:10

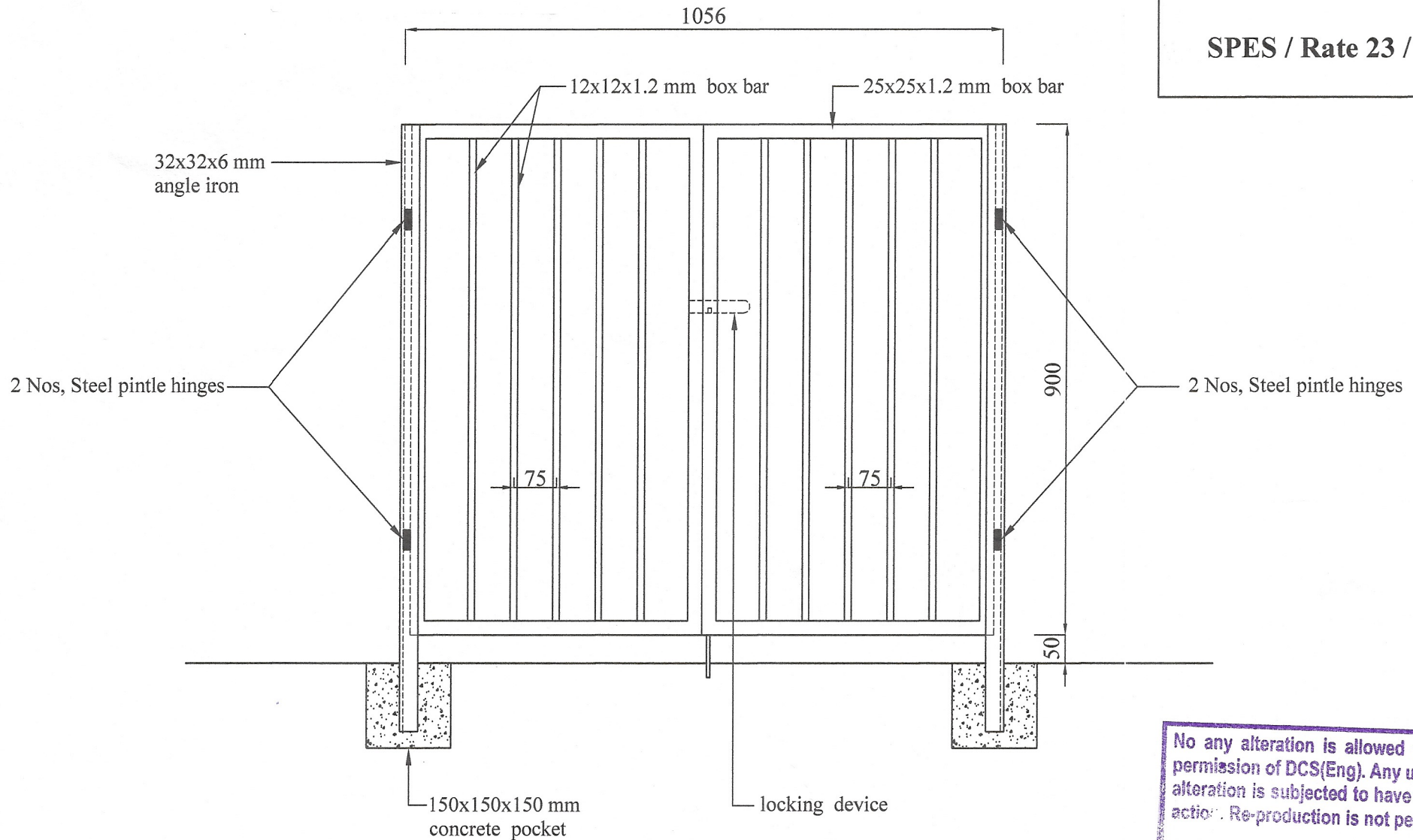
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BARGE BOARD BRACKET

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Sheet No : 01	Checked By (S.P. Wimalasinghe) : <i>S.P. Wimalasinghe</i>	DETAILED DRAWING (RATE ANALYSIS)
Drawing No : SPES / Rate 23 / Ir - 16	D.O.A. (G.N.R. Ekanayake) : <i>G.N.R. Ekanayake</i>	
Scale : 1:10	Engineer Assistant : (H.K.S. Premathilake) : <i>H.K.S. Premathilake</i>	 ENGINEERING SERVICES OFFICE. SOUTHERN PROVINCIAL COUNCIL, GALLE. Tel: 09122-42780 / 09122-42785 / 09122-46181 / 09122-33125 / 09122-48382 / 0902330745 Fax: 09122-42786 / 09122-42787 / 09122-46181 / 09122-33125 E-mail: engservices@stpc.lk
Date : 2023-08-04	Design Engineer (Eng. N.M.S. Manasinghe) : <i>N.M.S. Manasinghe</i>	
Drawn By : Monali	Director (Engineering) : (Eng. C.H. Abeysena) : <i>C.H. Abeysena</i>	

SPES / Rate 23 / Ir - 17



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**CLASS ROOM GATE
(DOUBLE HUNGE)**

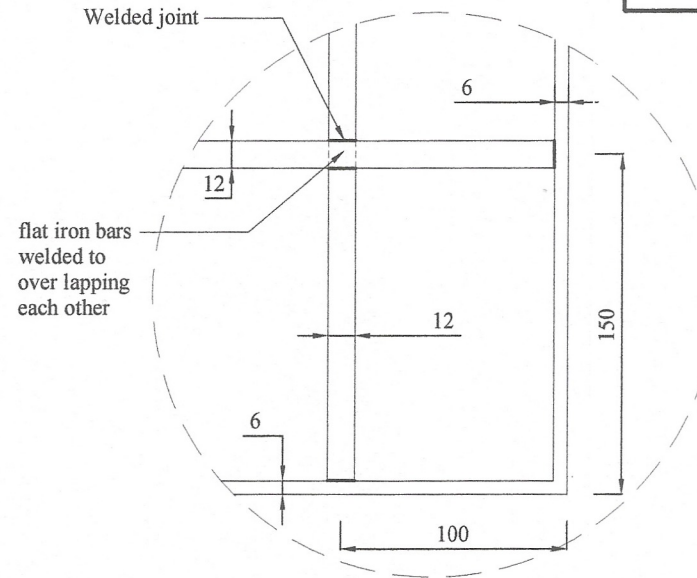
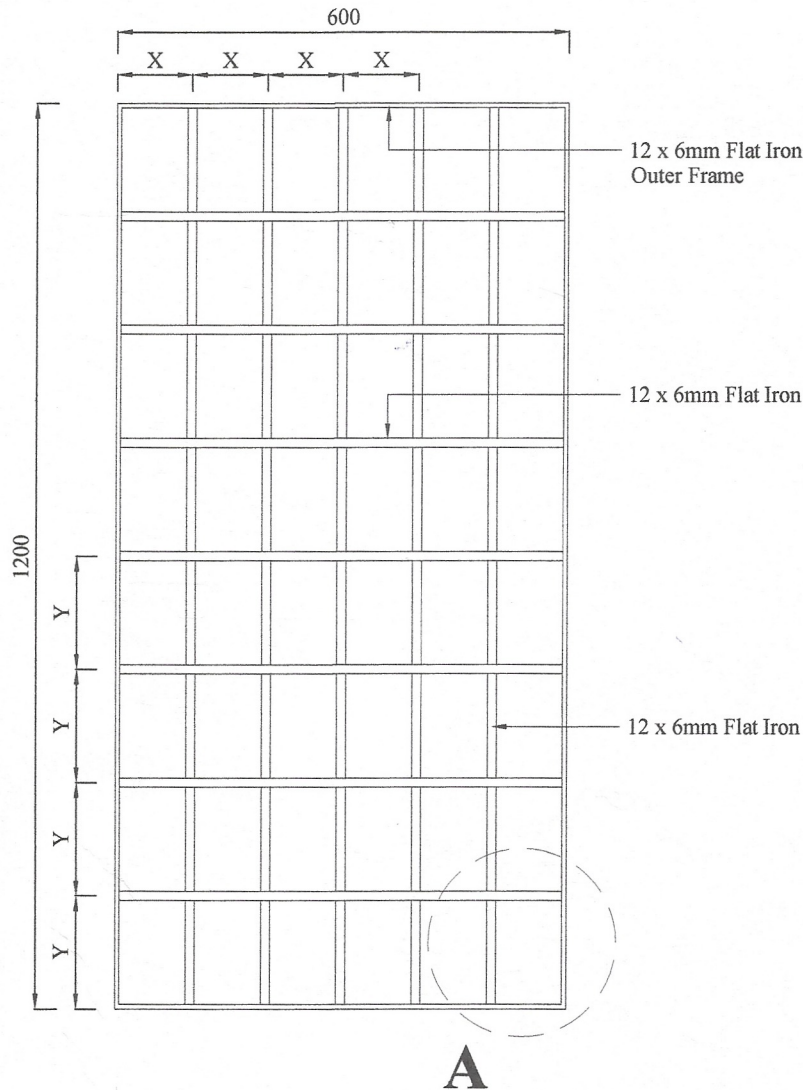
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Sheet No : 01	Checked By : <i>S. P. W. (S.P. Weruasinghe)</i>
Drawing No : SPES / Rate 23 / Ir - 17	D.O.A. : <i>C. Dashik (GNR. E. Manjula)</i>
Scale : 1 : 10	Engineer Assistant : <i>(H.K.S. P. Manjula)</i>
Date : 2023-09-18	Design Engineer : <i>(Eng. N.M.S. Manjula)</i>
Drawn By : <i>Madu (P. Madushanka)</i>	Director (Engineering) : <i>(Eng. C.B. Abeyratna)</i>

**DETAILED DRAWING
(RATE ANALYSIS)**

ENGINEERING SERVICES OFFICE.
SOUTHERN PROVINCIAL COUNCIL, GALLE.

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DETAIL - 'A'

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NOTE -

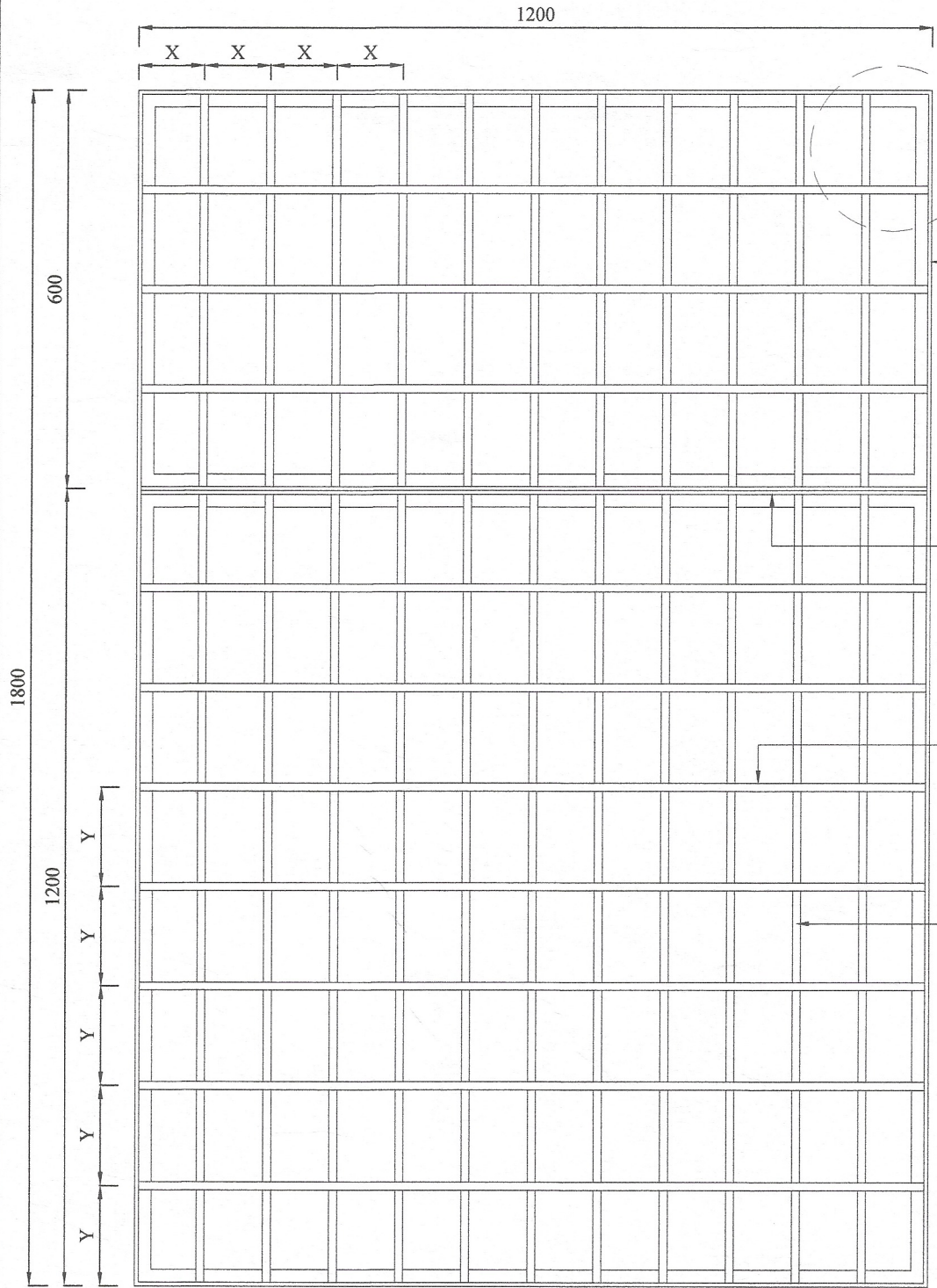
1. X = Width not exceeding 100mm
2. Y = Width not exceeding 150mm
3. All joint should be jointed with electric arc welding
4. Frame should be fixed to window jamb with rawl plug & iron screws
5. **PAINT**
One coat of metal primer
& two coats of matt enamel paint (black)

**M.S. FLAT IRON SECURITY GRILL
(TYPE - A)**

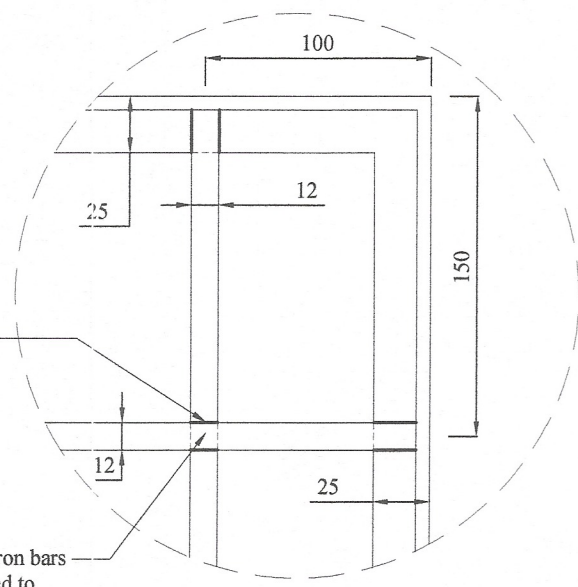
**DETAILED DRAWING
(RATE ANALYSIS)**

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Sheet No : 01	Checked By : <i>S. P. Weerasinghe</i> (S.P. Weerasinghe)
Drawing No : SPES/Rate23/Tr-18	D.O.A. : <i>C. Prashanth</i> (G.N.R. Prashanth)
Scale : 1-10	Engineer Assistant : <i>[Signature]</i> (H.K.S. Prasad)
Date : 2023-05-08	Design Engineer : <i>N. M. S. Mousangle</i> (Eng. N.M.S. Mousangle)
Drawn By : <i>[Signature]</i> (K.S. Nishani)	Director (Engineer) : <i>[Signature]</i> (Eng. C.B. Abeyaratne)



A



DETAIL - 'A'

1/25x25x3mm Angle Iron

Welded joint

2/25x25x3mm Angle Iron

Flat iron bars welded to over lapping each other

12 x 6mm Flat Iron

12 x 6mm Flat Iron

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NOTE

1. X = Width not exceeding 100mm
2. Y = Width not exceeding 150mm
3. All joint should be jointed with electric arc welding
4. Frame should be fixed to window jamb with rawl plug & iron screws
5. PAINT
One coat of metal primer
& two coats of matt enamel paint (black)

**M.S. FLAT IRON SECURITY GRILL
(TYPE - B)**

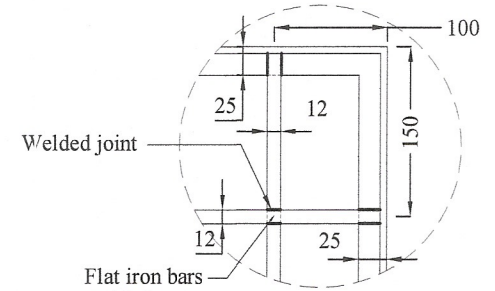
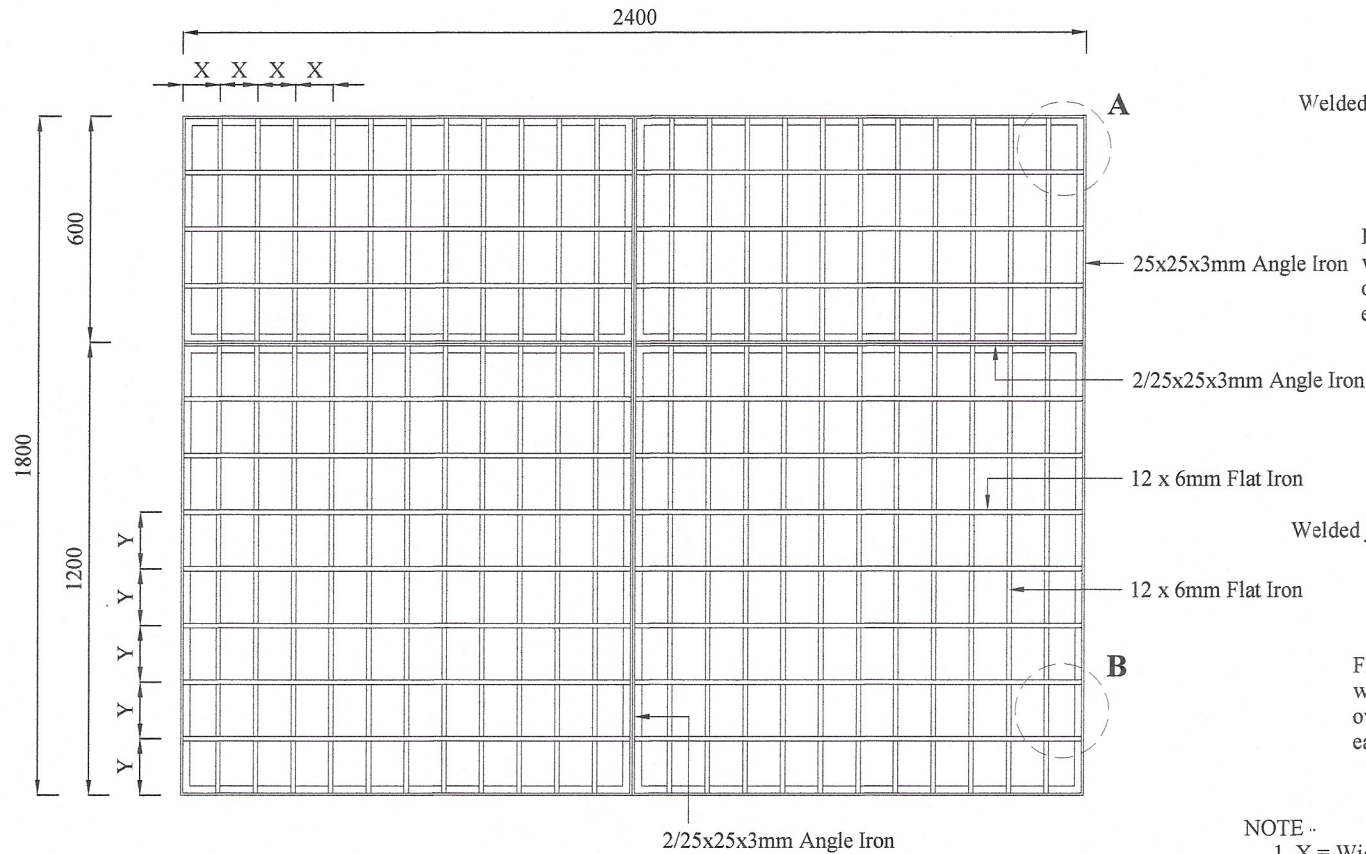
**DETAILED DRAWING
(RATE ANALYSIS)**

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Sheet No : 01	Checked By (S.P. Weerasinghe)	<i>S.P. Weerasinghe</i>
Drawing No : SPES/Rate23/Ir-19	D.O.A. (G.N.R. Ekanayake)	<i>G.N.R. Ekanayake</i>
Scale : 1-10	Engineer Assistant : (H.K.S. Premathilake)	<i>H.K.S. Premathilake</i>
Date : 2023-05-08	Design Engineer (Eng. N.M.S. Manasinghe)	<i>N.M.S. Manasinghe</i>
Drawn By (K.S. Nishani)	Director (Engineer) : (Eng. C.B. Abeyaratne)	<i>C.B. Abeyaratne</i>

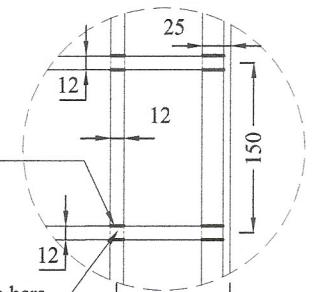
ENGINEERING SERVICES OFFICE.
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Welded joint
Flat iron bars welded to over lapping each other

DETAIL - 'A'



Welded joint
Flat iron bars welded to over lapping each other

DETAIL - 'B'

NOTE -

1. X = Width not exceeding 100mm
2. Y = Width not exceeding 150mm
3. All joint should be jointed with electric arc welding
4. Frame should be fixed to window jamb with rawl plug & iron screws
5. PAINT
One coat of metal primer & two coats of matt enamel paint (black)

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**M.S. FLAT IRON SECURITY GRILL
(TYPE - C)**

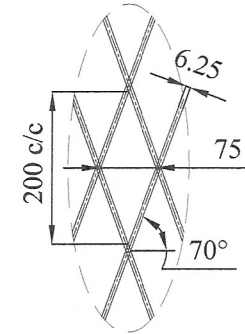
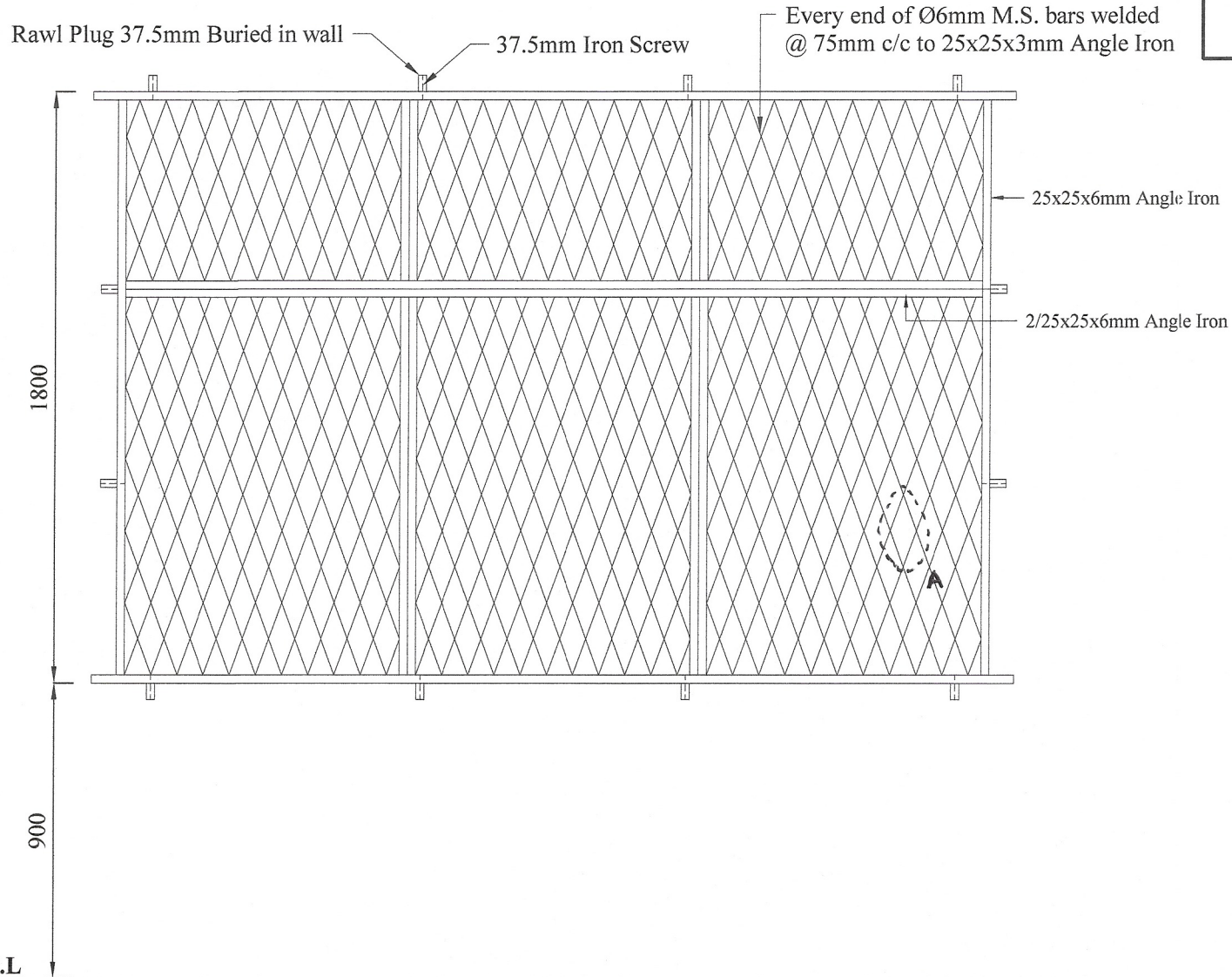
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Sheet No : 01	Checked By : <i>S. P. Weerasinghe</i>
Drawing No : SPES/Rate23/Ir-20	D.O.A. : <i>C. Dashi</i>
Scale : 1 - 20	Engineer Assistant : <i>A. J. S. Premathilake</i>
Date : 2023-05-08	Design Engineer : <i>N. Manjula</i>
Drawn By : <i>S. S. Nishani</i>	Director (Engineer) : <i>C. B. Abeyaratne</i>

**DETAILED DRAWING
(RATE ANALYSIS)**

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Fax: 09122-42781 / 09122-42782 / 09122-49161 / 09122-50126 E-mail: engservices@spcc.gov.lk



DETAIL - 'A'

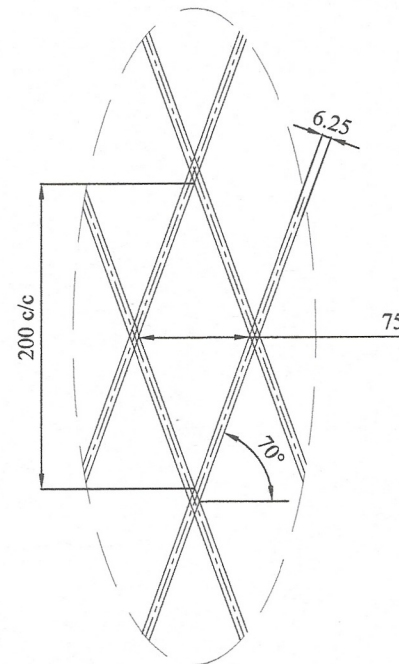
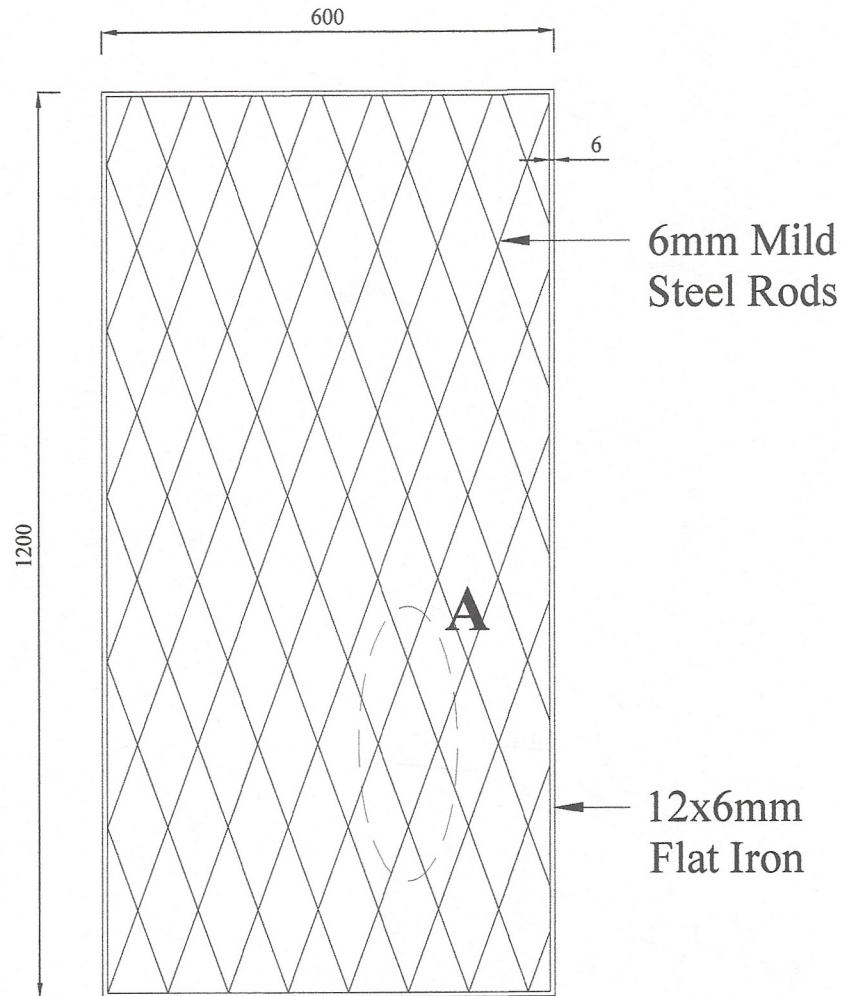
**6mm M.S. ROD SECURITY GRILL
(TYPE - A)**

**DETAILED DRAWING
(RATE ANALYSIS)**

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Sheet No : 01	Checked By : <i>S.P. Weerasinghe</i> (S.P. Weerasinghe)
Drawing No : SPES/Rate23/Tr-21	D.O.A. : <i>D. Rashid</i> (G.N.R. Ekampala)
Scale : 1-20	Engineer Assistant : <i>A.S.</i> (H.K.S. Perumathilage)
Date : 2023-05-15	Design Engineer : <i>N. Manjula</i> (Eng. N.M.S. Manjula)
Drawn By : <i>S. S. Nishani</i>	Director (Engineer) : <i>C.B. Abeyadana</i> (Eng. C.B. Abeyadana)



DETAIL - 'A'

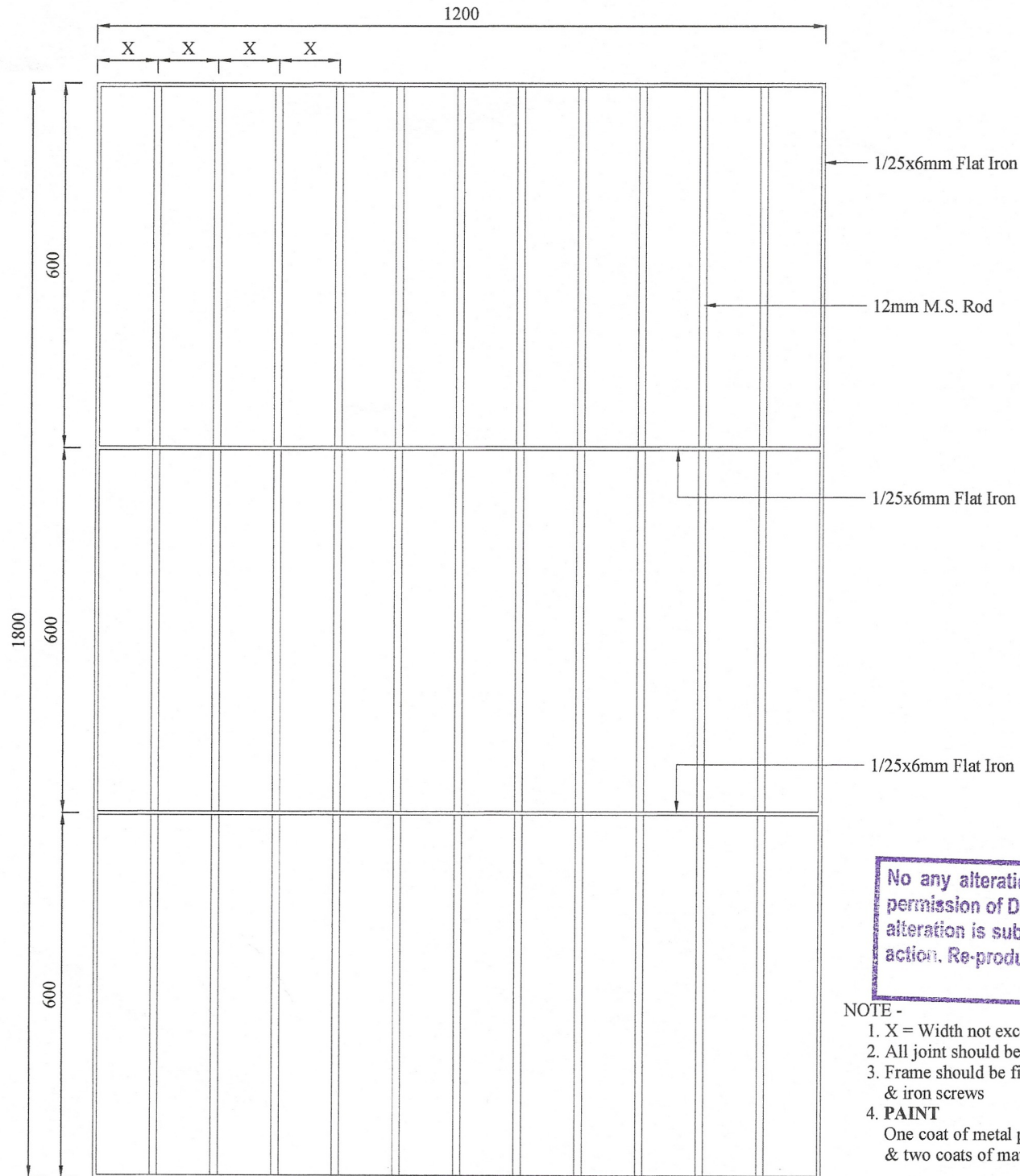
**6mm M.S. ROD SECURITY GRILL
(TYPE - B)**

**DETAILED DRAWING
(RATE ANALYSIS)**

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Sheet No : 01	Checked By : <i>Skjawa</i> (S.P. Wollamunigala)
Drawing No : SPES/Rate23/Ir-22	D.O.A. : <i>CPD</i> (G.N.R. Ekamayake)
Scale : 1 - 10	Engineer Assistant : <i>AD</i> (H.K.S. Premathilaka)
Date : 2023-05-08	Design Engineer : <i>N.Mary</i> (Eng. N.M.S. Mammunigala)
Drawn By : <i>Sund</i> (K.S. Nishani)	Director (Engineer) : <i>C.B.A</i> (Eng. C.B. Abaydeera)

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**12mm M.S. ROD SECURITY GRILL
(TYPE - B)**

**DETAILED DRAWING
(RATE ANALYSIS)**

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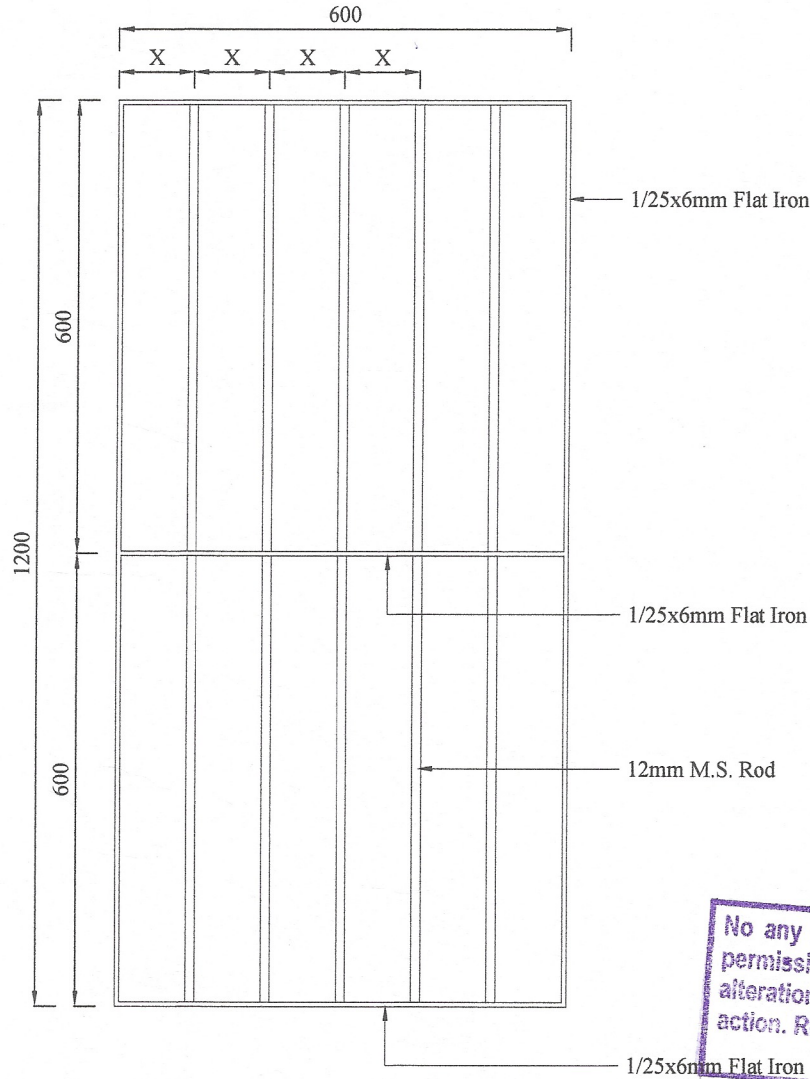
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DCS(Eng)

NOTE -

1. X = Width not exceeding 100mm
2. All joint should be jointed with electric arc welding
3. Frame should be fixed to window jamb with rawl plug & iron screws
4. **PAINT**

One coat of metal primer
& two coats of matt enamel paint (black)

Sheet No : 01	Checked By : <i>SJayana</i> (S.P. Weerasinghe)
Drawing No : SPES/Rate23/Tr-24	D.O.A. : <i>C.Dash</i> (GNR. Ekanayake)
Scale : 1-10	Engineer Assistant : <i>AS</i> (H.K.S.Prasanthika)
Date : 2023-05-08	Design Engineer : <i>N.Maya</i> (Eng.N.M.S. Manasinghe)
Drawn By : <i>Sand</i> (K.S.Nishani)	Director (Engineer) : <i>C.B.A</i> (Eng.C.B.Abrayam)



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NOTE -

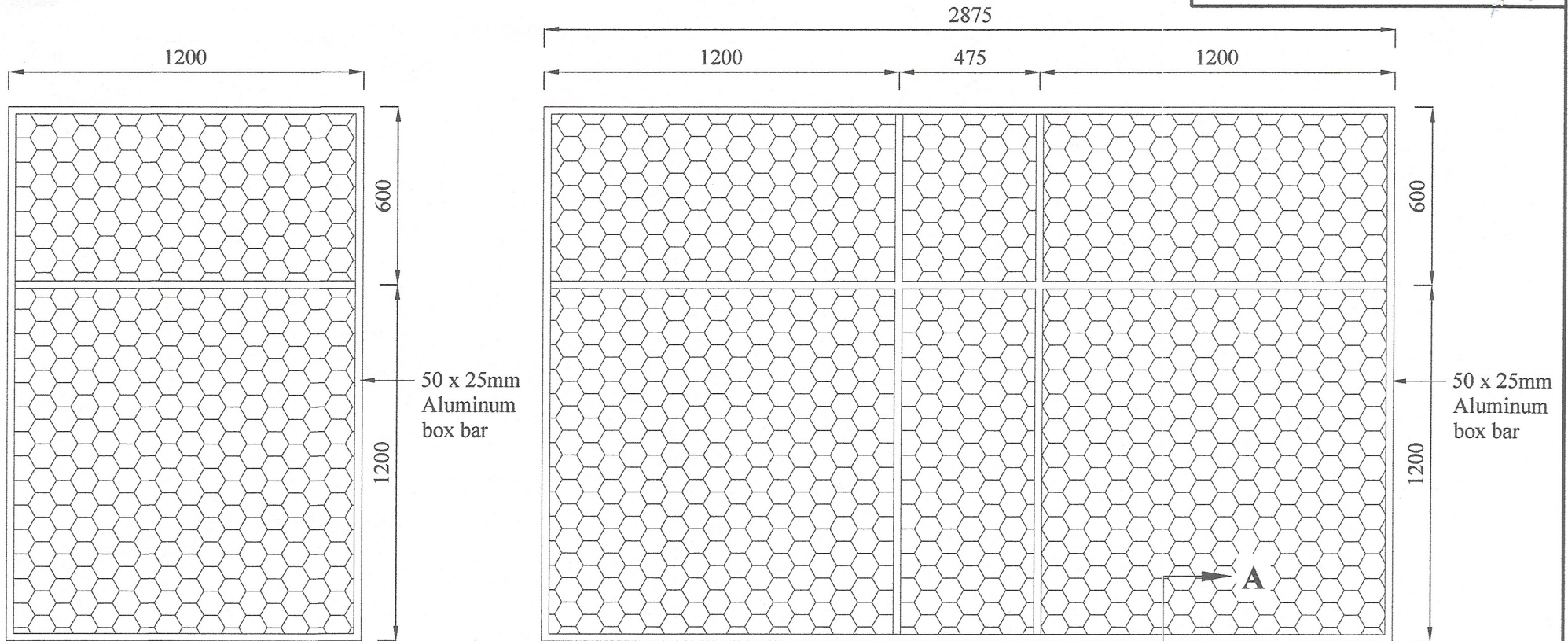
1. X = Width not exceeding 100mm
2. All joint should be jointed with electric arc welding & iron screws
3. Frame should be fixed to window jamb with rawl plug
4. PAINT
One coat of metal primer & two coats of matt enamel paint (black)

**12mm M.S. ROD SECURITY GRILL
(TYPE - A)**

**DETAILED DRAWING
(RATE ANALYSIS)**

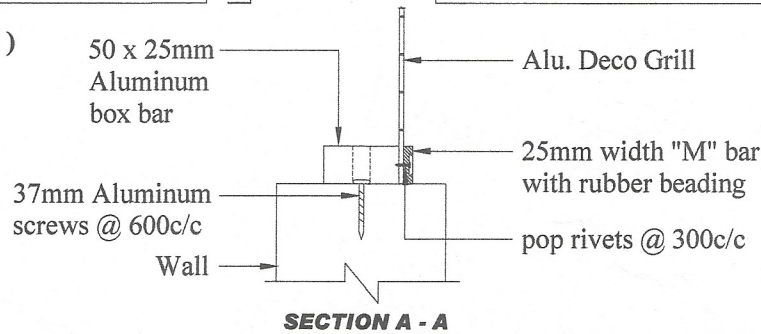
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Sheet No : 01	Checked By : <i>S.P. Wickramasinghe</i> (S.P. Wickramasinghe)
Drawing No : SPES/Rate23/Ir-24	D.O.A. : <i>C.P. Jayasinghe</i> (G.N.R. Ekamayake)
Scale : 1 - 10	Engineer Assistant : <i>H.K.S. Premathilake</i> (H.K.S. Premathilake)
Date : 2023-05-08	Design Engineer : <i>N.M.S. Munsinghe</i> (Eng. N.M.S. Munsinghe)
Drawn By : <i>Suman</i> (K.S. Nishani)	Director (Engineer) : <i>C.B. Abayawardena</i> (Eng. C.B. Abayawardena)



(SPES/Rate23/Ir-25)

(SPES/Rate23/Ir-26)



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ALUMINUM DECO GRILL

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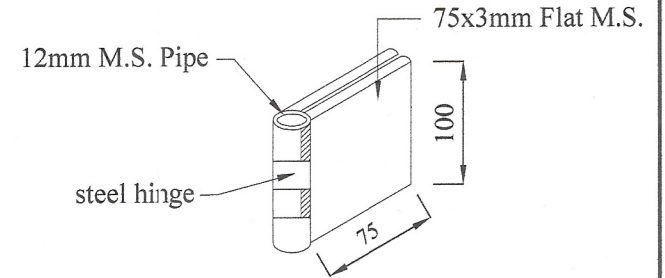
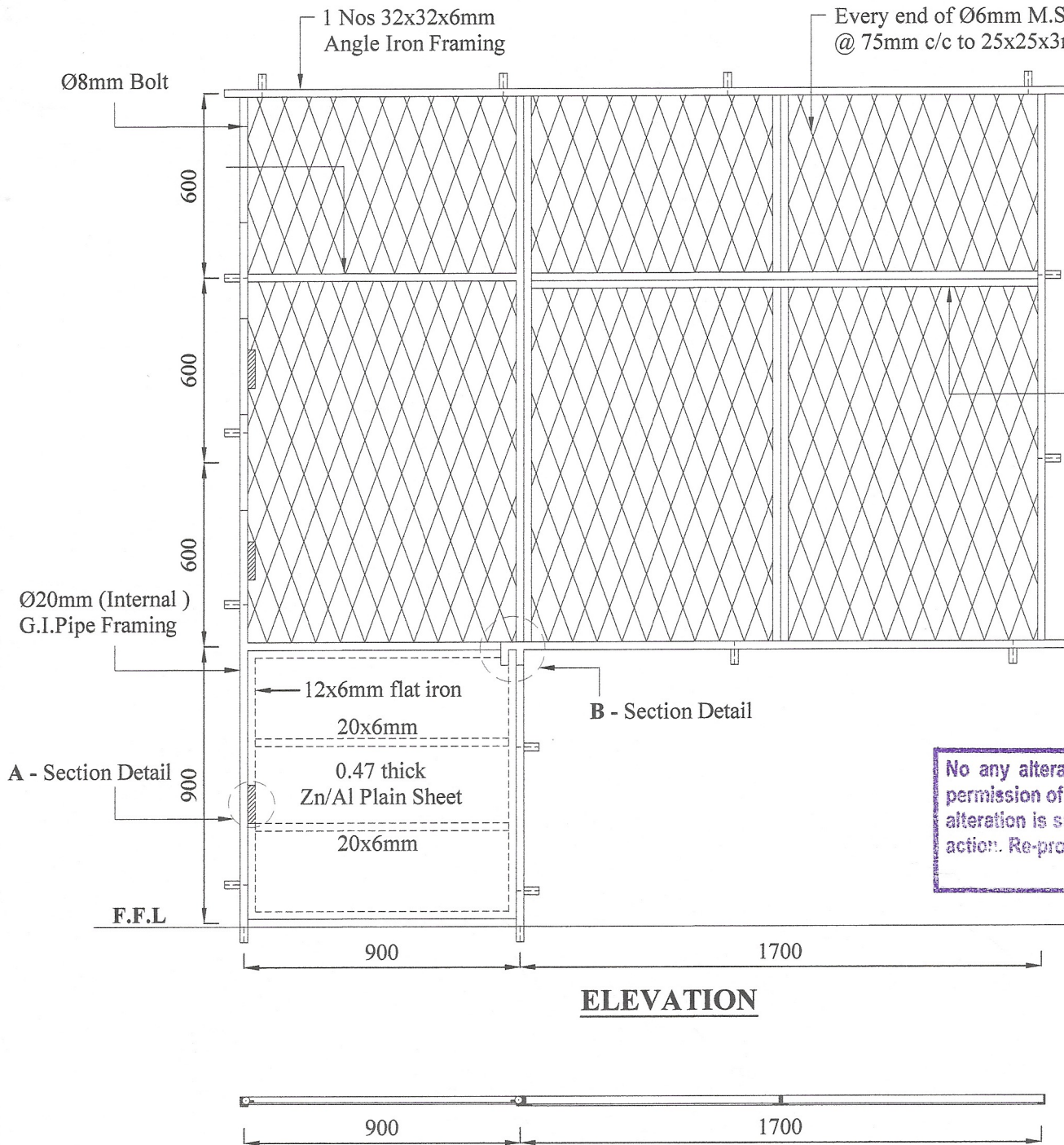
Sheet No : 01	Checked By (S.P.Welshsinghe) : <i>Syau</i>
Drawing No : SPES/Rate23/Ir-25	D.O.A. (G.N.R.Ekanayake) : <i>C.Prasanth</i>
Scale : 1 - 20	Engineer Assistant (H.E.S.Pramathika) : <i>[Signature]</i>
Date : 2023-05-08	Design Engineer (Eng.N.M.S.Munasinghe) : <i>N. Maza</i>
Drawn By (K.S.Nishani) : <i>Sumb</i>	Director (Engineer) (Eng.C.B.Ahayan) : <i>C.B.Ahayan</i>

DETAILED DRAWING (RATE ANALYSIS)

ENGINEERING SERVICES OFFICE.
SOUTHERN PROVINCIAL COUNCIL, GALLE

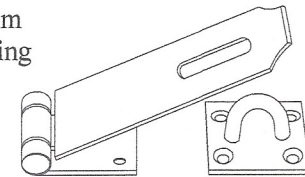
Tel: 09122-42788 / 09122-42789 / 09122-49181 / 09122-33125 / 09122-42382 / 0902300145
Fax: 09122-42786 / 09122-42787 / 09122-45161 / 09122-33125 E-mail: engserv@spc.lk

SPES/Rate23/Ir-28



DETAIL A - HINGES

2 Nos 25x25x3mm Angle Iron Framing



DETAIL B

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**6mm M.S. ROD
SECURITY GRILL & DOOR**

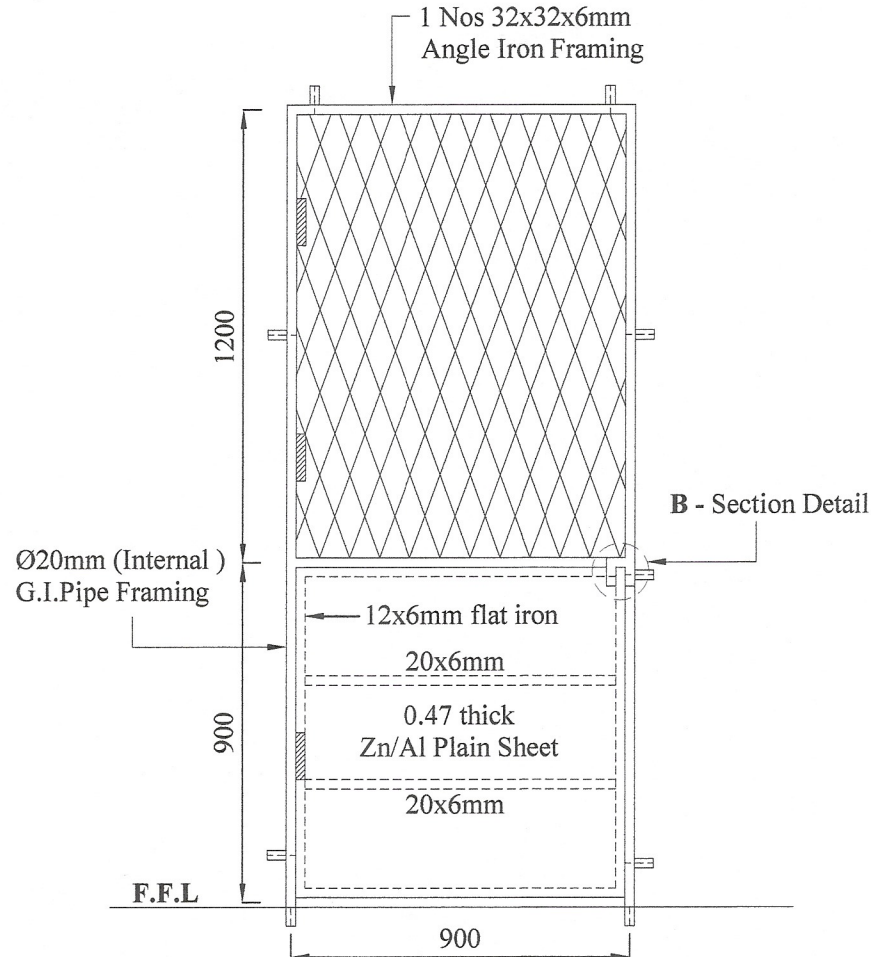
**DETAILED DRAWING
(RATE ANALYSIS)**

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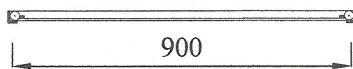
Sheet No : 01/02	Checked By : <i>S. Jayas</i> (S.P. Weerasinghe)
Drawing No : SPES/Rate23/Ir-28	D.O.A. : <i>C. Rajan</i> (G.N.R. Ekmanayake)
Scale : 1-20	Engineer Assistant : <i>A.S.</i> (H.K.S. Premaratne)
Date : 2023-05-15	Design Engineer : <i>A. Manoj</i> (Eng. N.M.S. Manasinghe)
Drawn By : <i>S. Subh</i> (K. S. Wehani)	Director (Engineer) : <i>C.B.A.</i> (Eng. C.B. Abeyrathna)

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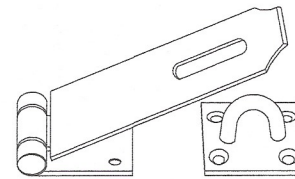
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Fax: 09122-42786 / 09122-42789 / 09122-49181 / 09122-33125 E-mail: engservices@spcc.lk



DETAIL OF DOOR SASH



PLAN



DETAIL B

**6mm M.S. ROD
SECURITY GRILL DOOR**

**DETAILED DRAWING
(RATE ANALYSIS)**

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Sheet No : 02/02	Checked By : <i>Sgaur</i> (S.P. Weerasinghe)
Drawing No : SPES/Rate23/Ir-28	D.O.A. : <i>C.P. Rajapaksa</i> (G.N.R. Ekanayake)
Scale : 1 - 20	Engineer Assistant : <i>A.D.P.</i> (H.K.S. Premathilake)
Date : 2023-05-15	Design Engineer : <i>N.S. Manjula</i> (Eng. N.M.S. Manasinghe)
Drawn By : <i>Sanku</i> (K.S. Nishani)	Director (Engineer) : <i>C.P. Rajapaksa</i> (Eng. C.P. Rajapaksa)

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