PROGRAM OF WORKS

APPROVED BUDGET FOR THE CONTRACT (ABC)

PROJECT: **PROPOSED REPAIR OF SEED WAREHOUSE ROOFING**

LOCATION: **PHILRICE NEGROS, BRGY. CANSILAYAN, MURCIA, NEGROS OCCIDENTAL**

A. SCOPE OF WORK

ITEM	DESCRIPTION	PERCENTAGE	AMOUNT
I.	Roofing Works (removal of old roofs, fascia and overhang, replacement of old c-purlins, replacement of vortex, and installation of new roof panels, fascia, ridge roll and flashings)		
	TOTAL		

B. BREAKDOWN OF ESTIMATED EXPENDITURE

I. DIRECT COST			
	MATERIAL COST		
	LABOR + EQUIPMENT RENTAL COST		
	TOTAL DIRECT COST	***PhP***	
II. INDIRECT COST			
	OCM *15%*		
	PROFIT *10%*		
	TAX *5%*		
	TOTAL INDIRECT COST	***PhP***	
TOTAL ESTIMATED PROJECT COST		**PhP**	

Prepared and Submitted by:

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Contractor

PROJECT : PROPOSED REPAIR OF SEED WAREHOUSE ROOFING
SUBJECT : BILL OF QUANTITIES
LOCATION : DA-PHILRICE-NEGROS, BRGY. CANSILAYAN, MURCIA, NEGROS OCCIDENTAL

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	MATERIAL COST	LABOR + EQUIPMENT RENTAL COST	ESTIMATED DIRECT COST	OCM (15%)	PROFIT (10%)	VAT (5%)	TOTAL INDIRECT COST	TOTAL	UNIT COST
I.	**Roofing Works (removal of old roofs, fascia and overhang, replacement of old c-purlins, replacement of vortex, and installation of new roof panels, fascia, ridge roll and flashings)**											
>	25-mm Therma Roof Panels (o.6 mm top,0.4 mm bottom), spanish red color	1.00	lot									
>	Ga. 24 Pre-painted ridge roll, 2'x8'											
>	Ga. 24 Pre-painted fascia cover, 1.5'x8'											
>	Ga. 24 Pre-painted end flashing, 4'x8'											
>	Ga. 24 Pre-painted flashing, 2'x8'											
>	Wall flashing											
>	Turbine ventilators (0.40 m inlet) GA 20 with aluminum mesh cover											
>	Bird Flashing											
>	Canopy Panels											
>	Tek screw 100mm											
>	Blind rivets											
>	Sealant											
>	Cutting disc											
>	Touch up paint											
	TOTAL-I		**PhP**									

TOTAL SUMMARY OF COST

			MATERIAL COST	LABOR COST	ESTIMATED DIRECT COST	OCM (15%)	PROFIT (10%)	VAT (5%)	TOTAL INDIRECT COST	TOTAL	UNIT COST
Direct Cost											
Material Cost		**PhP**									
Labor + Equipment Rental Cost		**PhP**									
Total Direct Cost		**PhP**									
Indirect Cost											
OCM	**15%**	**PhP**									
PROFIT	**10%**	**PhP**									
TAX	**5%**	**PhP**									
Total Indirect Cost		**PhP**									
GRAND TOTAL OF ESTIMATED PROJECT COST		**PhP**									

Prepared and Submitted by:

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Contractor

PROJECT: PROPOSED REPAIR OF SEED WAREHOUSE ROOFING
LOCATION: DA-PHILRICE -NEGROS. BRGY. CANSILAYAN, MURCIA, NEGROS OCCIDENTAL
SUBJECT: DETAILED ESTIMATE

I. Roofing Works (removal of old roofs, fascia and overhang, replacement of old c-purlins, replacement of vortex, and installation of new roof panels, fascia, ridge roll and flashings)

Material Cost

Qty	Unit	Description	Unit Cost	Amount
814.00	ln.m.	25-mm Therma Roof Panels (o.6 mm top,0.4 mm bottom), spanish red color		
20.00	lengths	Ga. 24 Pre-painted ridge roll, 2'x8'		
17.00	lengths	Ga. 24 Pre-painted fascia cover, 1.5'x8'		
17.00	lengths	Ga. 24 Pre-painted end flashing, 4'x8'		
40.00	lengths	Ga. 24 Pre-painted flashing, 2'x8'		
9.00	lengths	Wall flashing		
7.00	sets	Turbine ventilators (0.40 m inlet) GA 20 with aluminum mesh cover		
40.00	ln.m.	Bird Flashing		
152.00	ln.m.	Canopy Panels		
5,000.00	pcs	Tek screw 100mm		
6.00	boxes	Blind rivets		
30.00	tubes	Sealant		
1.00	box	Cutting disc		
3.00	cans	Touch up paint		
			Sub-total	

Labor Cost (Dismantling and Installation)

Qty	Description	Mandays	Rate	Amount
	Installers			
	Helpers			
			Sub-total	

Equipment Rental Cost

Qty	Unit	Description	Days	Rate	Amount
	units	Electric drill/grinder			
				Sub-total	

SUMMARY OF COST

Material Cost		
Labor Cost + Equipment Rental Cost		
Total Direct Cost	PhP	
OCM (15%)		
Profit (10%)		
Tax (5%)		
Total Indirect Cost	PhP	
TOTAL REPAIR COST	PhP	

Prepared and Submitted by:

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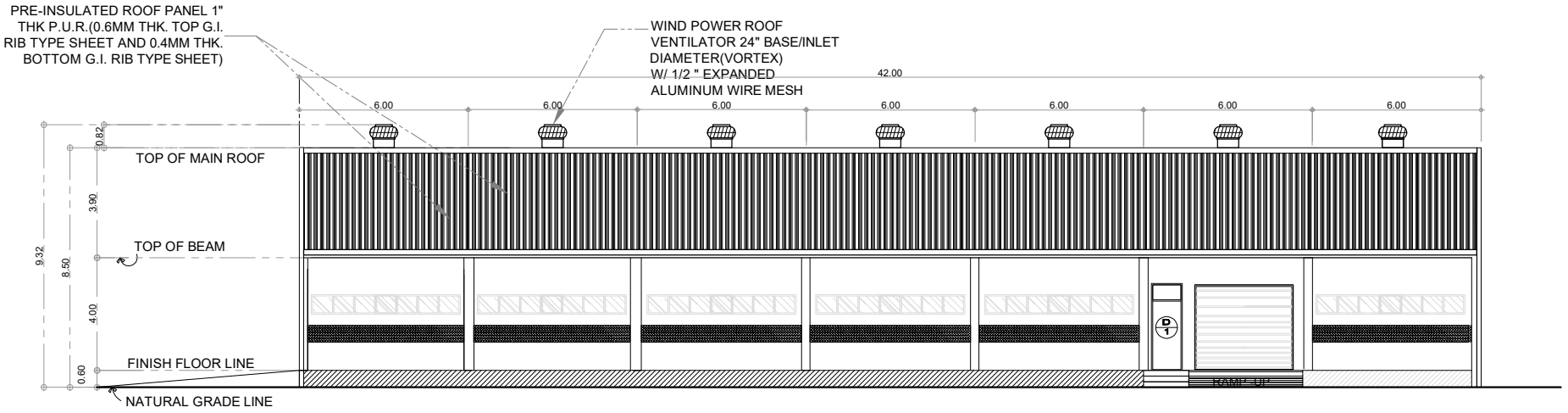
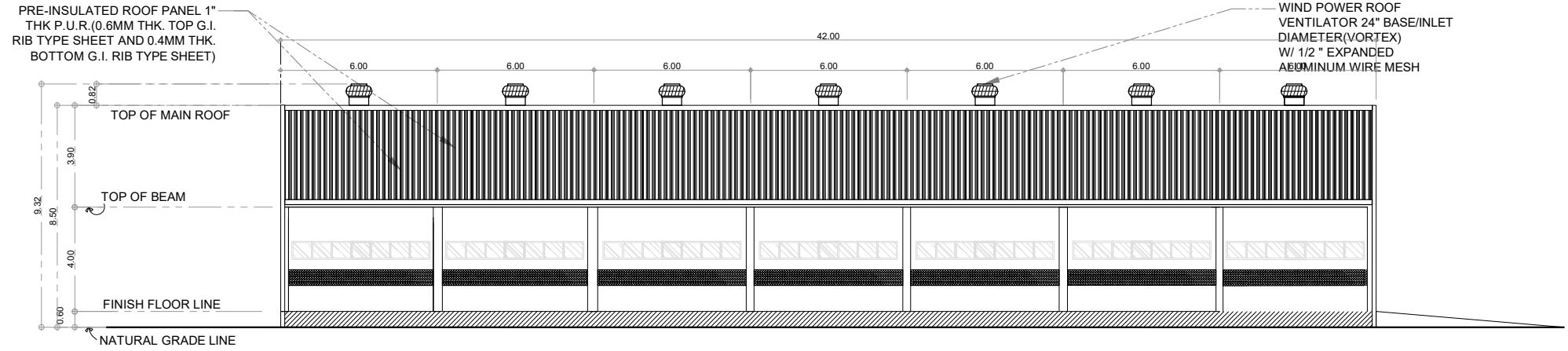
Contractor



FRONT ELEVATION

SCALE 1:150M



REAR ELEVATION

SCALE 1:150M

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PHILIPPINE RICE RESEARCH INSTITUTE
NEGROS BRANCH STATION
CANSILAYAN, MURCIA, NEGROS OCCIDENTAL

R.A. 921414 - Art. 3, Section 20

Drawings and Specifications duly signed, stamped or sealed, as instruments of service are the intellectual properties and documents of the architect, whether the object for which they are made is executed or not. It shall be unlawful for any person, without the consent of the architect or author of said documents, to duplicate or to make copies of said documents for use in the repetition of and for other projects or buildings, whether executed partly or in whole.

PROJECT TITLE:

PROPOSED REPAIR OF SEED WAREHOUSE ROOFING

PHILRICE NEGROS, CANSILAYAN,MURCIA, NEGROS OCCIDENTAL

PREPARED BY:

DEBRA MARIANE M. ANGAY
PLANNING ASSISTANT II
PHILRICE NEGROS

CHECKED/REVIEWED BY:

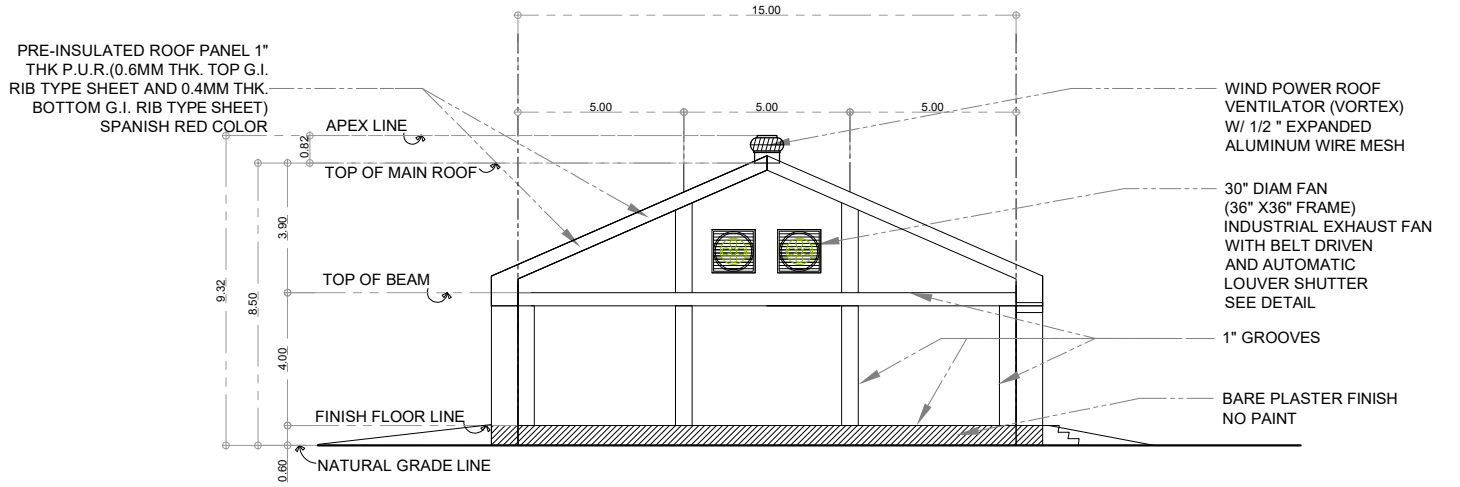
ANTONIO S. NORIEGA JR.
ENGINEER III
PHILRICE NEGROS

APPROVED BY:

OMMAL H. ABDULKADIL
DIRECTOR I
PHILRICE NEGROS

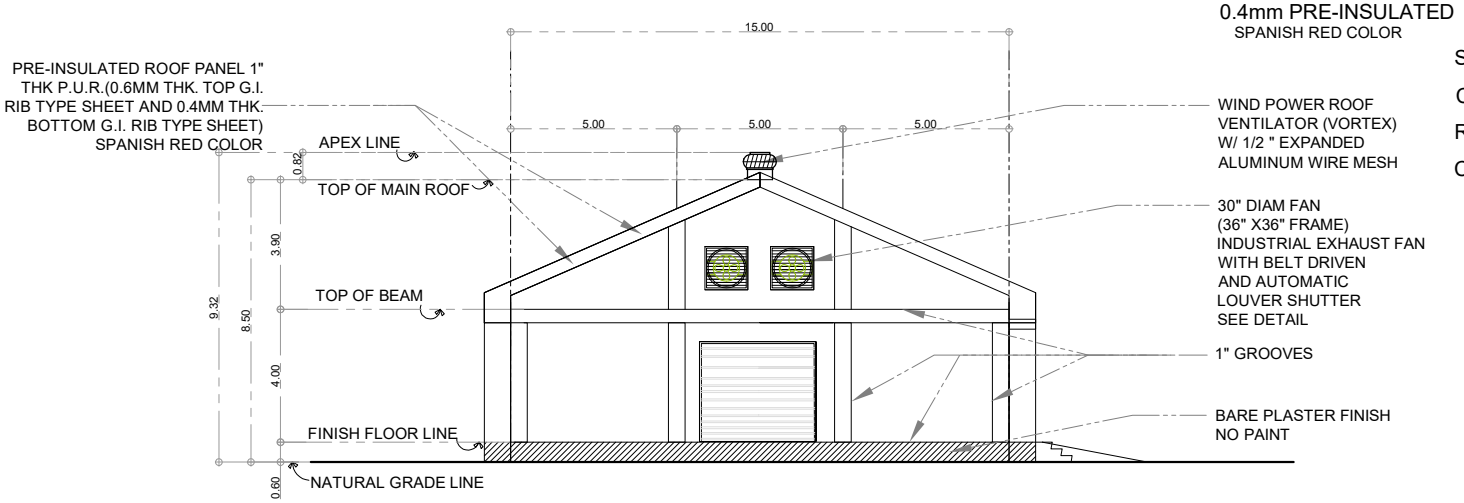
SHEET NUMBER:

1



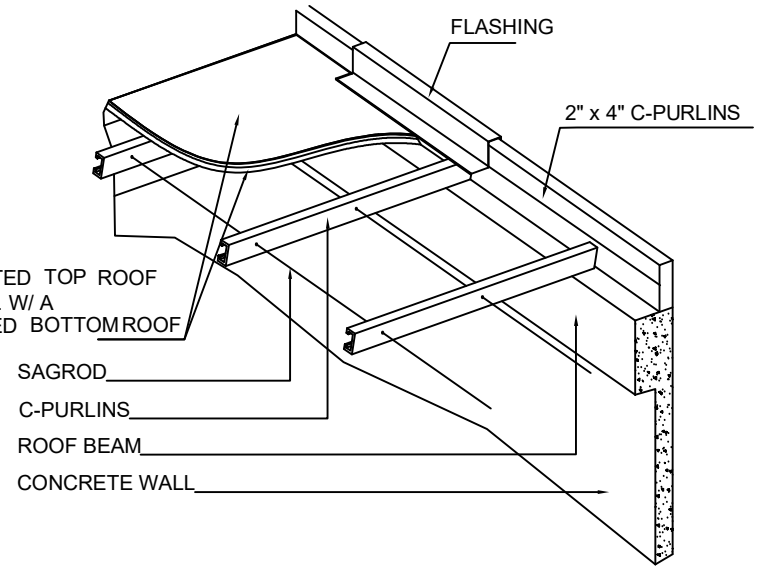
RIGHT SIDE ELEVATION

SCALE 1:150M



LEFT SIDE ELEVATION

SCALE 1:150M



ROOFING ISOMETRIC DETAIL

SCALE 1:150M

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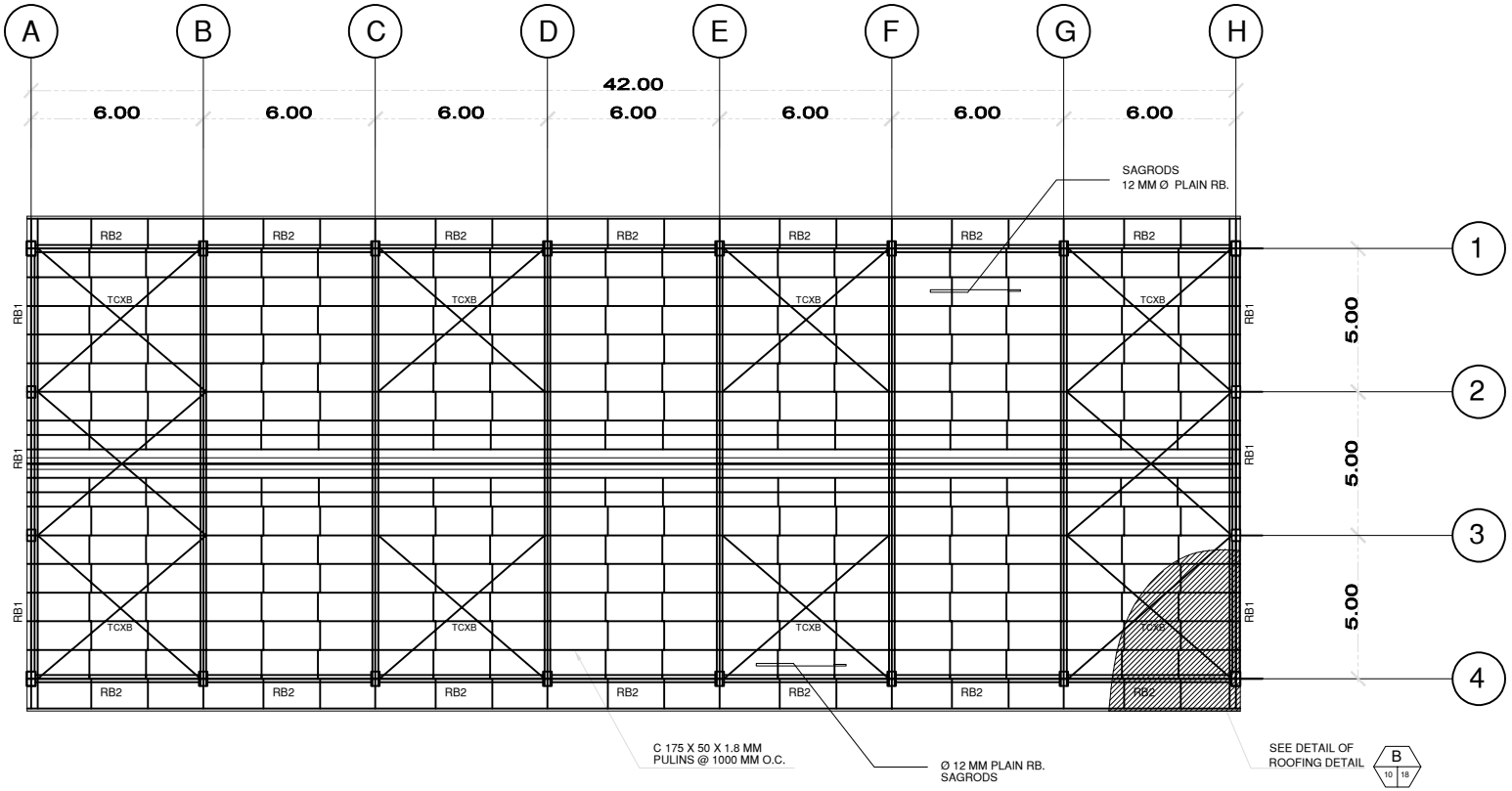

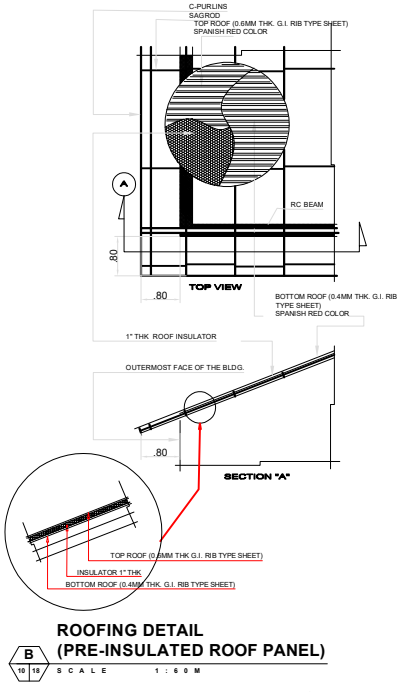

ROOFING DETAIL
(PRE-INSULATED ROOF PANEL)

B 10 18 SCALE 1 : 6 0 M

A 10 18 **ROOF FRAMING PLAN**

SCALE 1 : 2 0 0 M

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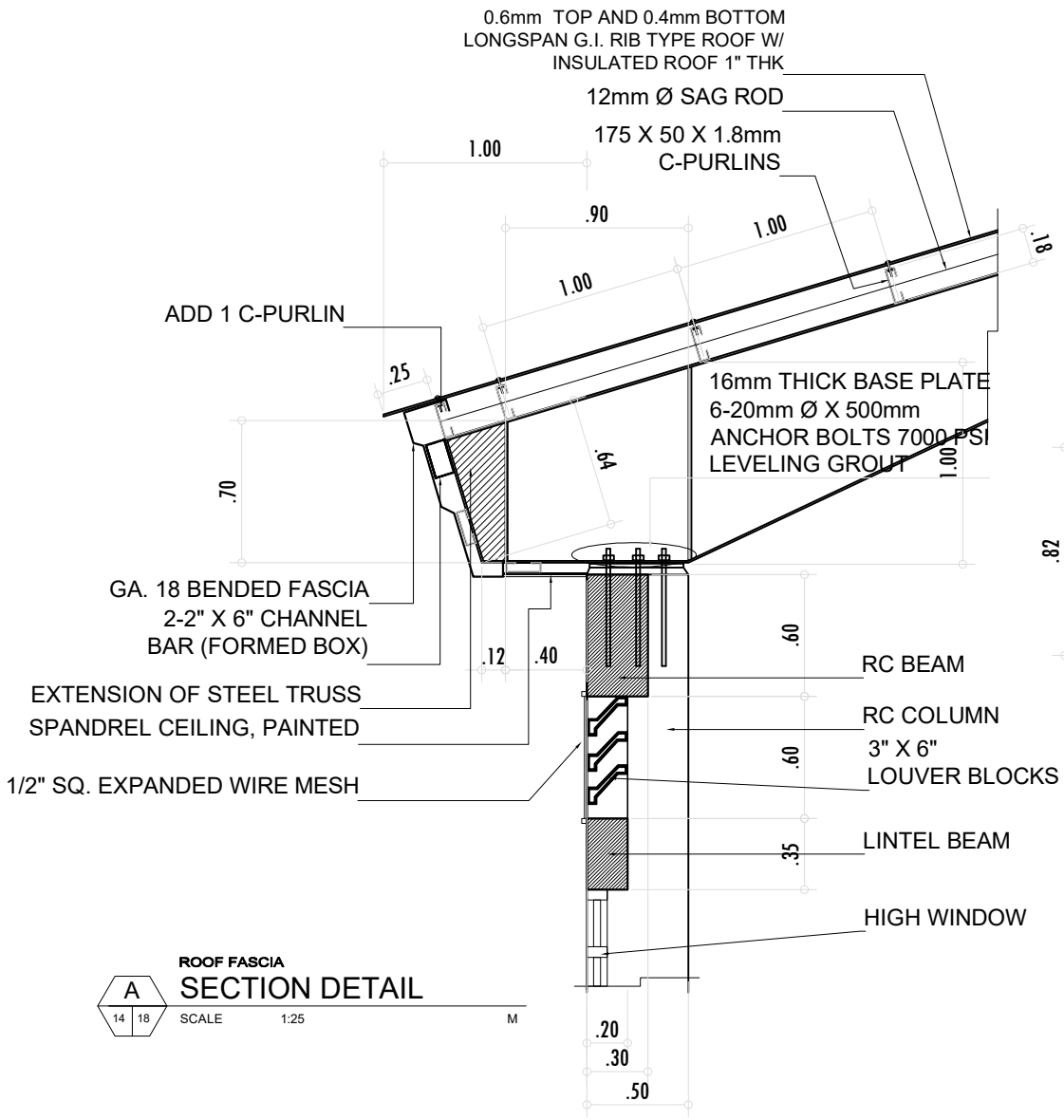
PREPARED BY:	CHECKED/REVIEWED BY:	END USER:	RECOMMENDED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	SHEET NUMBER:
DEBRA MARIANE M. ANGAY PLANNING ASSISTANT II PHILRICE NEGROS	**ANTONIO S. NORIEGA JR.** ENGINEER III PHILRICE NEGROS	**OMMAL H. ABDULKADIL** DIRECTOR I PHILRICE NEGROS	**GINA B. NARCA** **PPD HEAD** **PHILRICE CES**	**SOPHIA T. BORJA** DED FOR ASF PHILRICE CES	**JOHN C. DE LEON** EXECUTIVE DIRECTOR PHILRICE CES	3

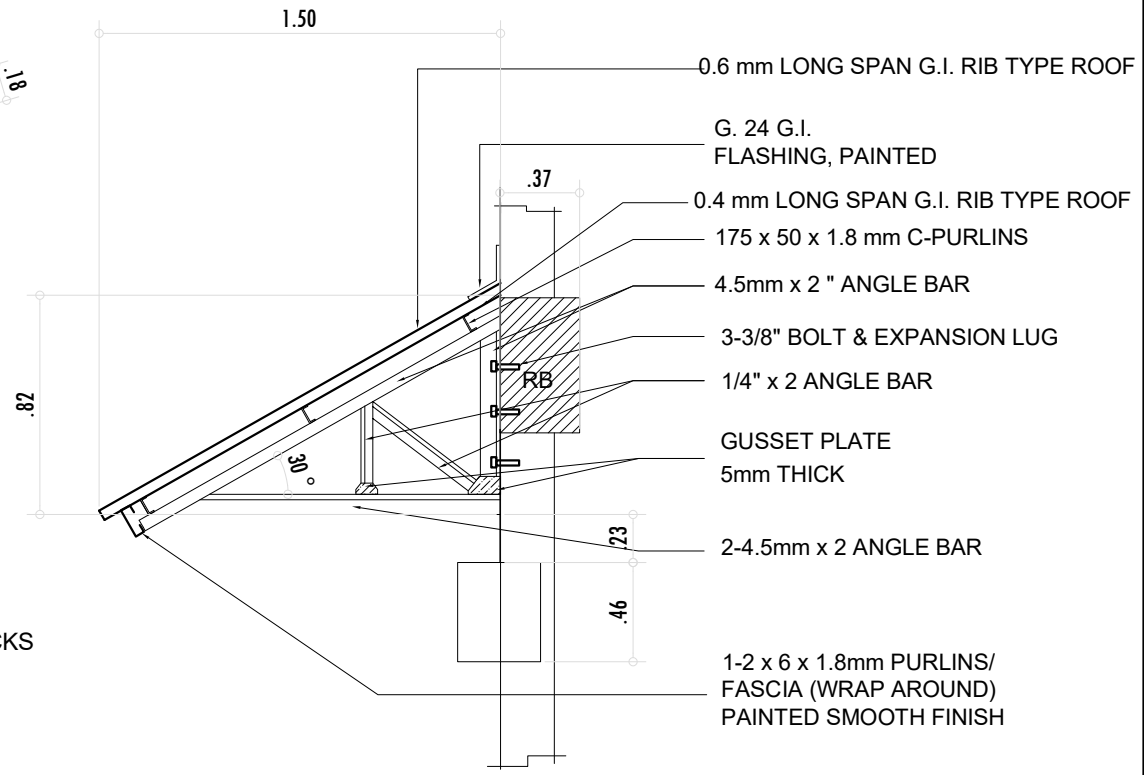


ROOF FASCIA

A | 14 | 18

SECTION DETAIL

SCALE 1:25 M



ROOF CANOPY

B | 14 | 18

SECTION DETAIL

SCALE 1:20 M

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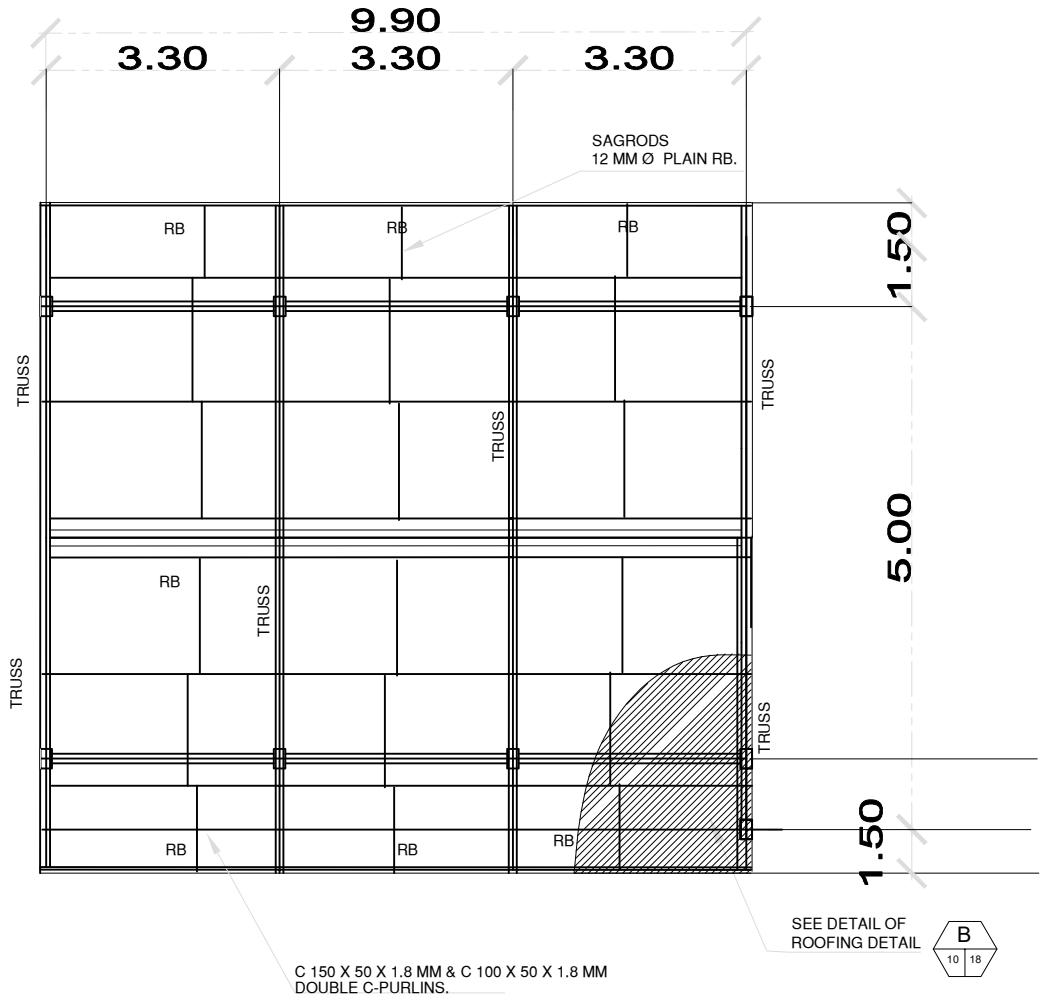

A CANOPY ROOF FRAMING PLAN

A 10 18

SCALE 1 : 200 M

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