

LETTERHEAD

PROGRAM OF WORKS  
BILL OF QUANTITIES  
QRF 2019 - CAR - BAGUIO CITY - 001

School : Dontogan Elementary School				Date :		
School I.D. : 136384				Budget Allocation : Php 2,932,636.95		
Region : Cordillera Administrative Region				Engineering and Administrative Overhead :		
Division : Baguio City				Approved Budget for Contract : Php 2,932,636.95		
Project Title :  CY 2019 QUICK RESPONSE FUND, CONSTRUCTION OF SLOPE PROTECTION				Completion Period : 75 Calendar Days		
PLAN :				Minimum Required Manpower : General Foreman, Mason , Carpenter, Helper		
LOCATION : DONTOGAN BARANGAY, BAGUIO CITY.				Minimum Required Equipment : One Bagger Concrete Mixer, Bar Cutter, Various Carpentry Handtools		

Item I.D.	Item Discription	% of Total	Unit	Quantity	Total Cost	Remarks
I.	DIRECT COST					
A.	GENERAL REQUIREMENTS		Lot	1.00		
1.000	EARTHWORKS		Lot	1.00		
3.000	REBARS WORKS		Kgs.	7,020.54		
2.000	CONCRETE WORKS		Cu.m.	73.25		
5.000	Masonry Works		Cu.m.	384.73		
	Sub-Total					
II.	INDIRECT COST ____% OF (I - Gen. Req.)					
	Overhead Expenses (8%)					
	Contigencies (3%)					
	Miscellaneous (1%)					
	Contractors Profit (____%)					
	Sub-Total					
III.	TAX 5% of (I+II)					
	Sub-Total					
IV.	TOTAL PROJECT COST (I+II+III+)	100.00%				

Prepared by:

CONTRACTOR  
NAME OF FIRM



DEPARTMENT OF EDUCATION  
Cordillera Administrative Region  
Baguio City



LETTERHEAD

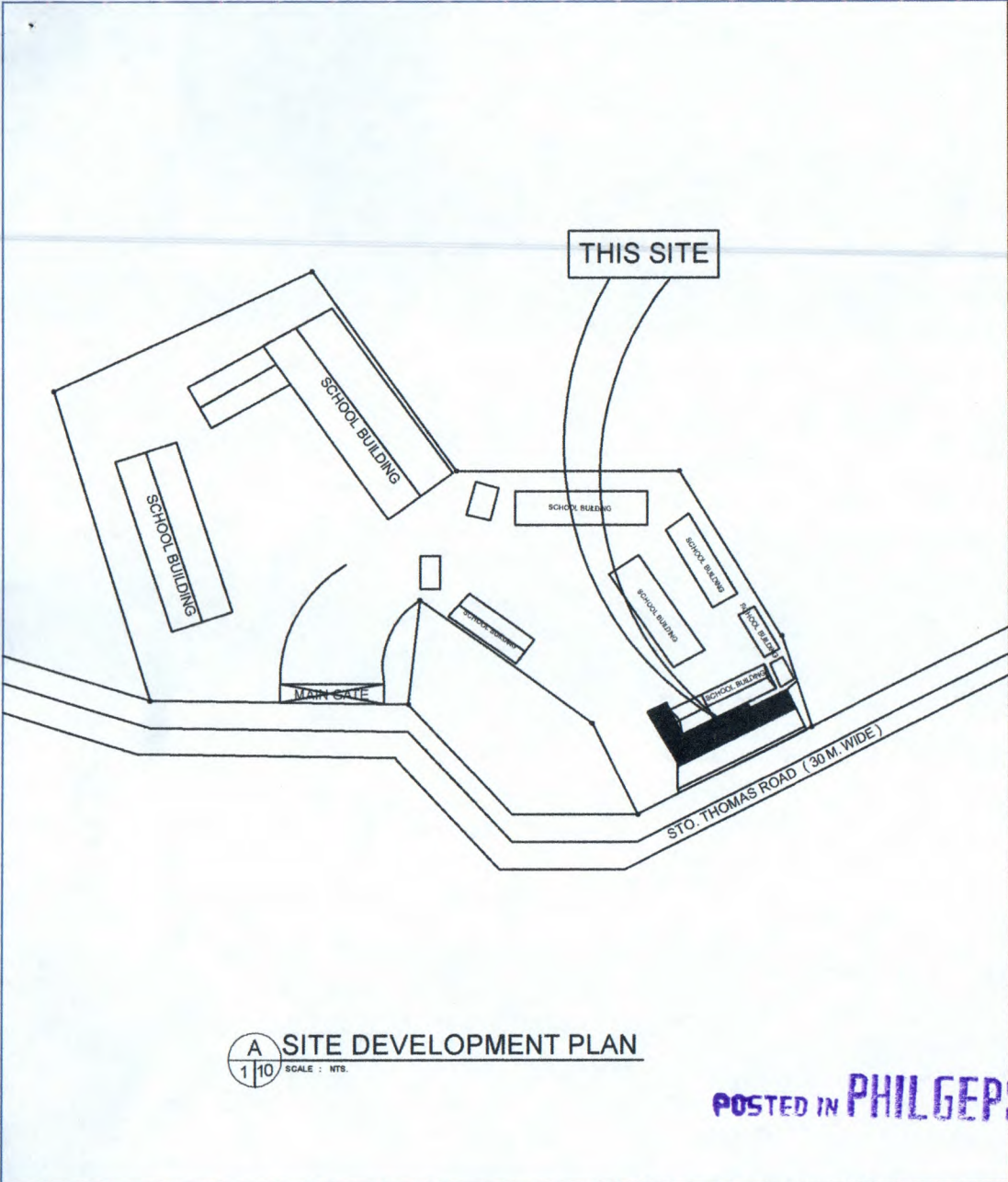
PROGRAM OF WORKS  
DETAILED COST ESTIMATE

PROJECT : CY 2019 QUICK RESPONSE FUND, CONSTRUCTION OF SLOPE PROTECTION  
DIVISION : BAGUIO CITY  
SCHOOL : DONTOGAN ELEMENTARY SCHOOL  
LOCATION : DONTOGAN, BAGUIO CITY  
OWNER : DEPARTMENT OF EDUCATION

Item No.	DESCRIPTION	UNIT	QTY	UNIT COST		TOTAL COST		GRAND TOTAL
				MATERIAL	LABOR	MATERIAL	LABOR	
I.	DIRECT COST							
A.	GENERAL REQUIREMENTS							
	Mobilization/Temporary Structures, Utilities and Services/Demobilization	lot	1.00					
	Safety and Health	lot	1.00					
	Project Billboard	lot	1.00					
	Sub-Total							
1.0000	EARTHWORKS	lot	1.00					
1.0200	Structural Excavation	cu.m	231.28					
1.0700	Embankment	cu.m	291.50					
1.0400	Gravel Bedding G-1	cu.m	10.00					
	Sub-Total							
3.0000	REBAR WORKS	kgs.	7020.54					
3.0600	D16mm x 6.00 mts RSB	pcs	524.00					
3.1100	D12mm x 6.00 mts RSB	pcs	135.00					
3.1000	D10mm x 6.00 mts RSB	pcs	360.00					
3.1200	G.I. Tie Wire	kgs.	83.00					
	Sub-Total							
2.0000	CONCRETING WORKS	cu.m	73.25					
	Structural Concrete (ClassA)		61.25					
2.0200	Portland Cement	bags	560.00					
2.0300	Crushed Gravel 3/4"	cu.m	65.00					
2.0500	Washed Sand	cu.m	35.00					
9.2900	Rough Lumber	bd.ft.	1183.33					
9.0300	Plywood, Ordinary 1/2" x 4' x 8'	pcs	30.00					
	CWN	kgs.	55.00					
	Concrete Pavement (Class B)	cu.m	12.00					
2.0200	Portland Cement	bags	110.00					
2.0300	Crushed Gravel 3/4"	cu.m	12.00					
2.0500	Washed Sand	cu.m	6.00					
	Sub-Total							
5.0000	Masonry Works	cu.m	384.73					
	STONE MASONRY							
2.0200	Portland Cement	bags	1040.00					
2.0500	Washed Sand	cu.m	120.00					
1.0800	Stone #1	cu.m	390.00					
	Weep Holes uPVC (3" Dia.)	pcs	30.00					
	Filter Cloth	Sqm.	20.00					
	Sub-Total							
SUMMARY								
I	DIRECT COST							
II	INDIRECT COST ____% OF (I-Gen Requirements)							
III	TAX 5% OF (I+II)							
IV	TOTAL CONSTRUCTION COST (I+II+III)							


Prepared by:

CONTRACTOR  
NAME OF FIRM



ITEM NO.	DESCRIPTION	QUANTITY	UNITS
SPL A	GENERAL REQUIREMENTS Photo Copies of Documents, Plans, Standard Billboard, Etc.	1 Lot	Lumpsum
103	STRUCTURE EXCAVATION	231.28	Cubic Meter
104	EMBANKMENT	291.50	Cubic Meter
404	REINFORCING STEEL	7020.54	Kilograms
405	STRUCTURAL CONCRETE	73.25	Cubic Meter
414	FORMS AND FALSEWORK	1 Lot	Lumpsum
505	RIPRAP AND GROUTED RIPRAP	346.88	Cubic Meter

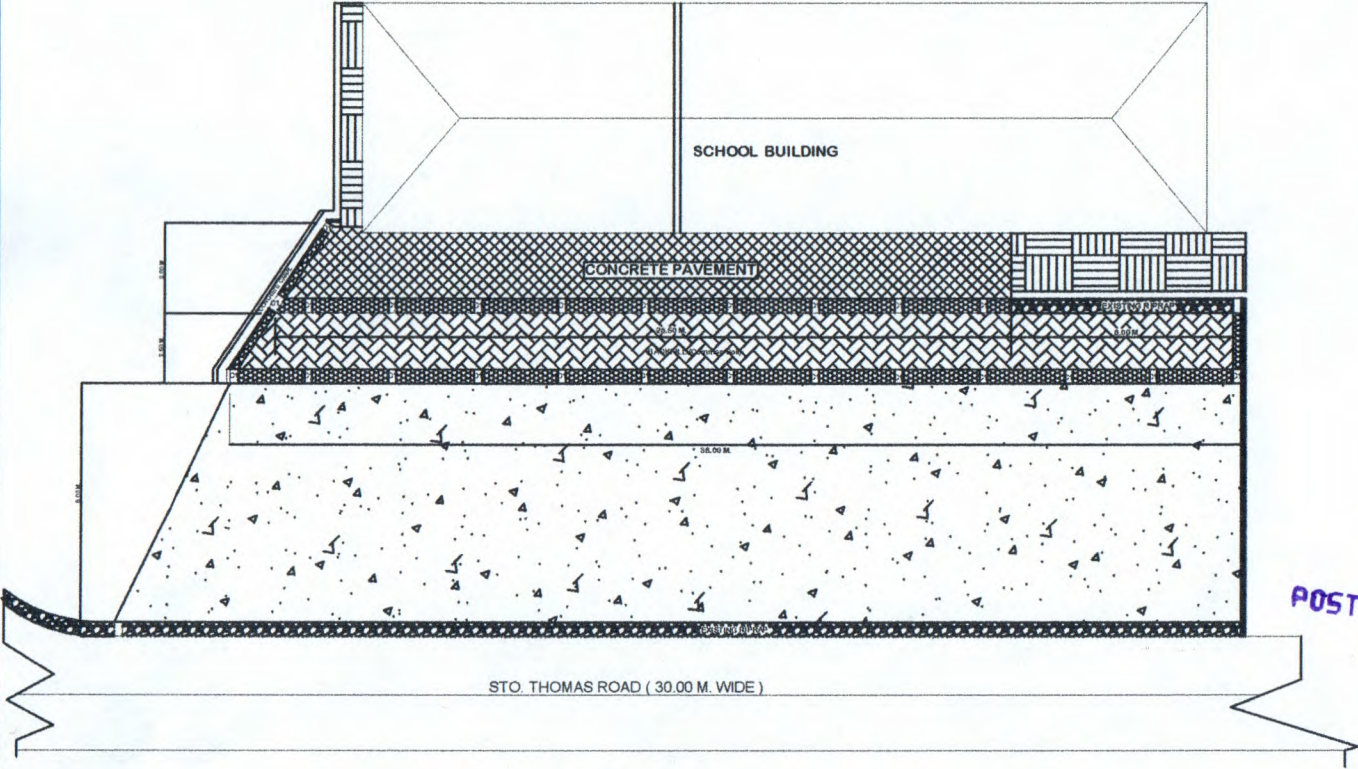
A 3/10 SCALE : NTS. SUMMARY OF QUATITIES

IMPLEMENTING AGENCY	Project & Location	Prepared by:	Checked & Reviewed by:	Recommending Approval by:	Approved by:	SHEET CONTENTS	SHEET NO.
 <b>DepED</b> DEP ED BAGUIO CITY DIVISION OFFICE	CONSTRUCTION OF SLOPE PROTECTION AT DONTOGAN ELEMENTARY SCHOOL	PAUL B. LOMAS-E Engineer 1	JENNIFER D. POLIDO Engineer III	SORAYA T. FACULO OIC - Chief School Governance and Operation Division	MARIE CAROLYN B. VERANO, CESO VI School Division Superintendent	AS SHOWN	<div>1 4</div>

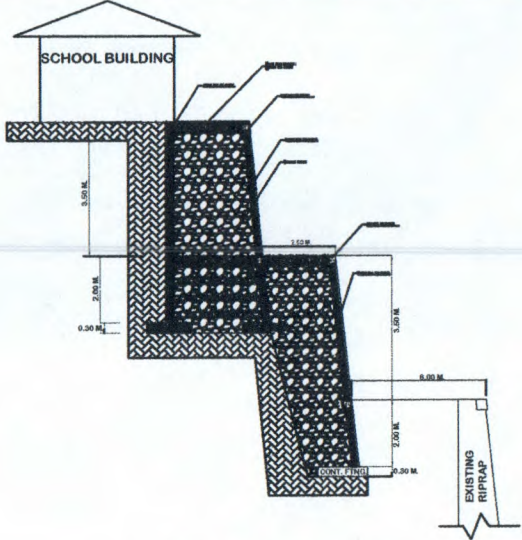
ITEM 101 , 103 , 104 , 404 , 405 , 505 REFER TO DPWH  
STANDARD SPECIFICATIONS FOR HIGHWAYS ,  
BRIDGES AND AIRPORTS, VOLUME II 2004 EDITION  
AND VOLUME III 1995 EDITION.  
ITEM 414 REFER TO D. O. 50 s 2006 DPWH STANDARD  
SPECIFICATION FORMS AND FALSEWORKS

ITEM SPL I ( CONSTRUCTION SAFETY AND HEALTH )  
SHOULD COMPLY WITH DEPARTMENT OF LABOR  
AND EMPLOYMENT. D. O. NO. 13, s 1998, (GUIDELINES  
GOVERNING OCCUPATIONAL SAFETY AND HEALTH  
IN THE CONSTRUCTION INDUSTRY.  
ITEM SPL 2 (BILLBOARD ROADSIGNS AND BARRICADES)  
REFER TO D. O. 83, s 2005

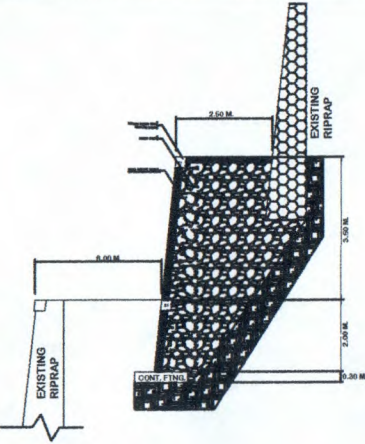
A  
4 10 SPECIFICATIONS  
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A  
5 10 PLAN  
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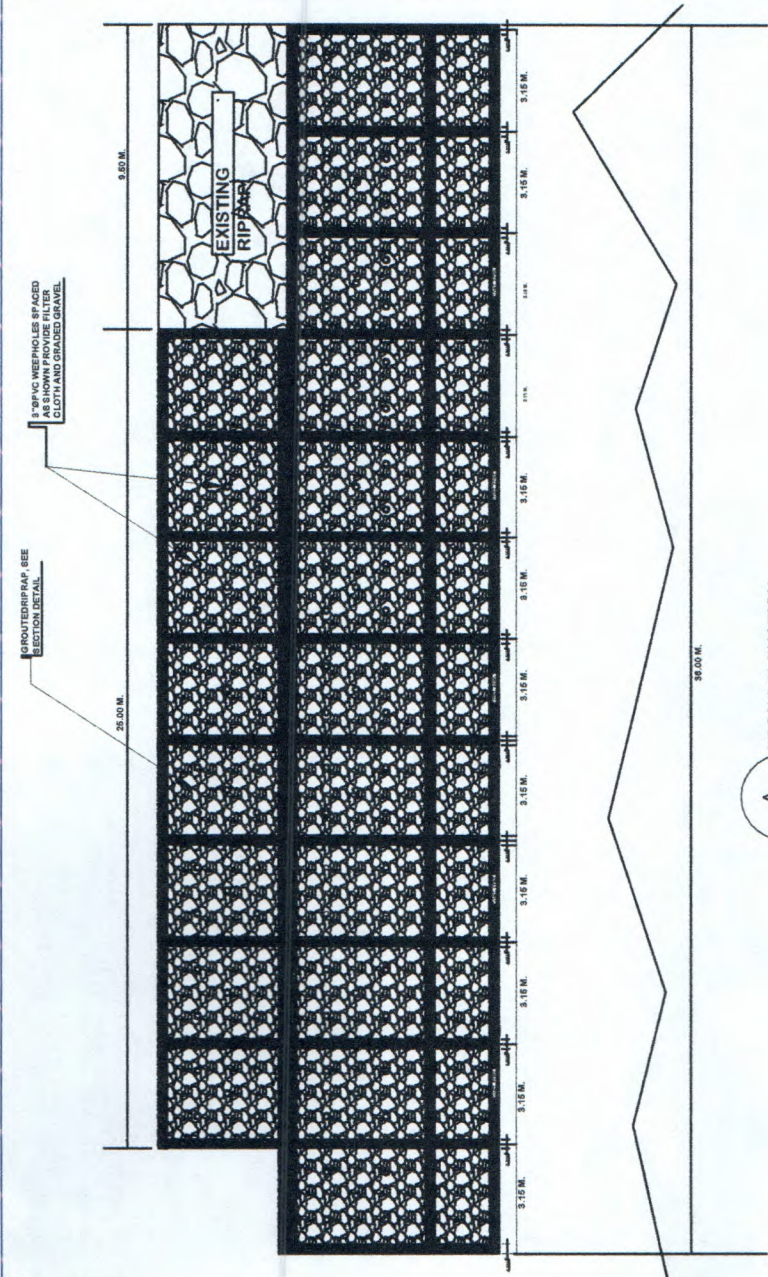


A  
6 10 RIGHT SIDE ELEVATION  
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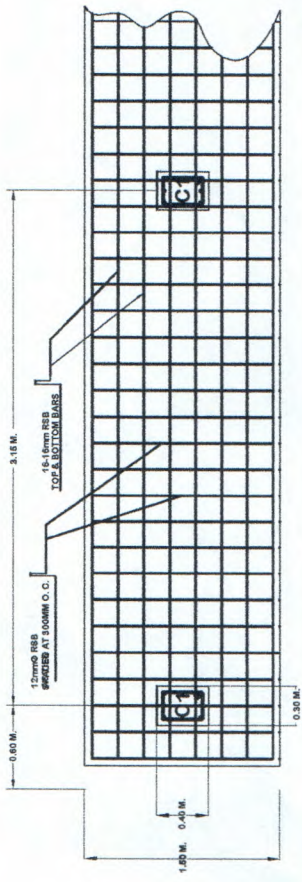


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7 10 LEFT SIDE ELEVATION  
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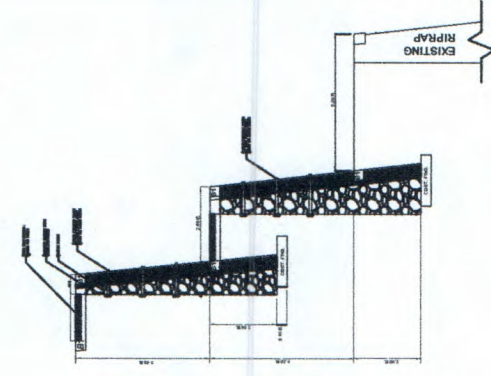
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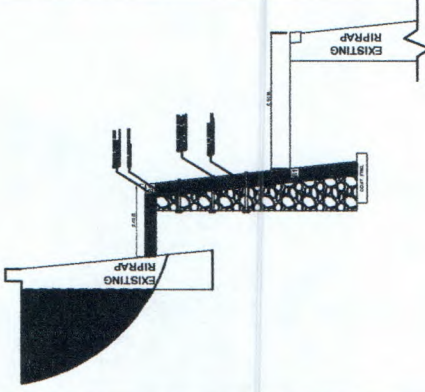
A FRONT ELEVATION  
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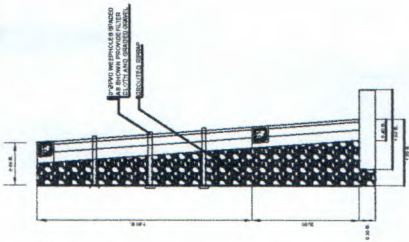
S CONT. FTING PLAN DETAILS  
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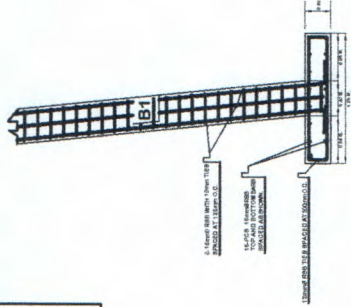
A SECTION "A"  
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A SECTION "B"  
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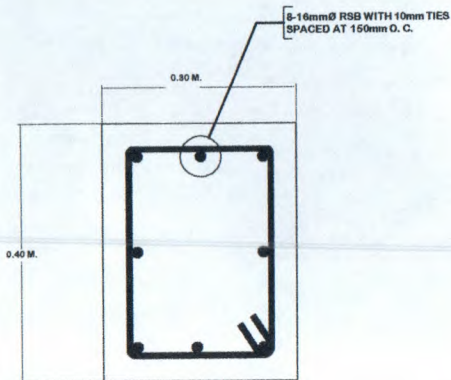
S GROUTED RIPRAP SECTION  
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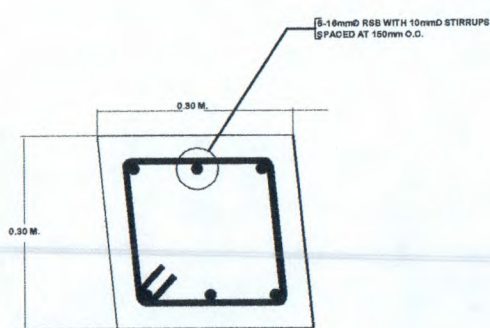
S CONT. FTING SECTION  
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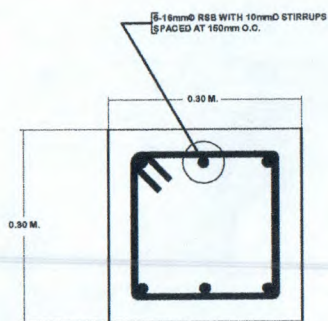
IMPLEMENTING AGENCY	Project & Location	Prepared by:	Checked & Reviewed by:	Recommending Approval by:	Approved by:	SHEET CONTENTS	SHEET NO.
 <b>DepEd</b> DEPED MARIKINA CITY DIVISION OFFICE	CONSTRUCTION OF SLOPE PROTECTION AT DONTOGAN ELEMENTARY SCHOOL	PAUL B. LOMASE Engineer 1	JENNIFER D. POLIDO Engineer III	SORAYA T. FACULO OIC - Chief School Governance and Operation Division	MARIE CAROLYN B. VERANO, CESO VI School Division Superintendent	AS SHOWN	<div>34</div>



(C1) COLUMN SECTION DETAIL

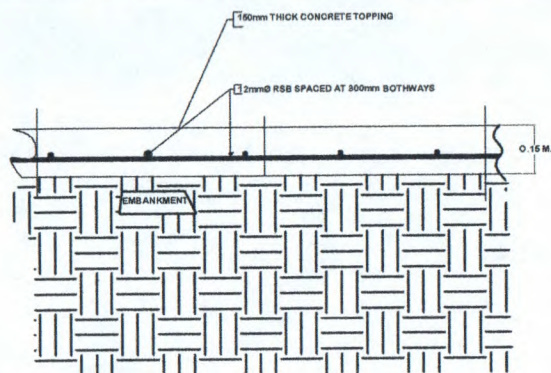


BEAM SECTION DETAIL (B1)

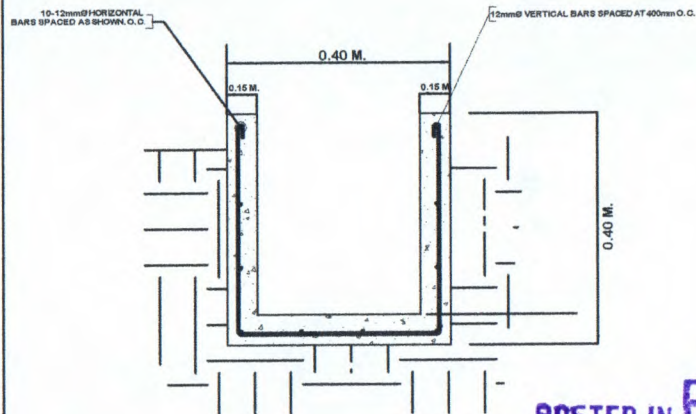


ANCHOR BEAM SECTION DETAIL

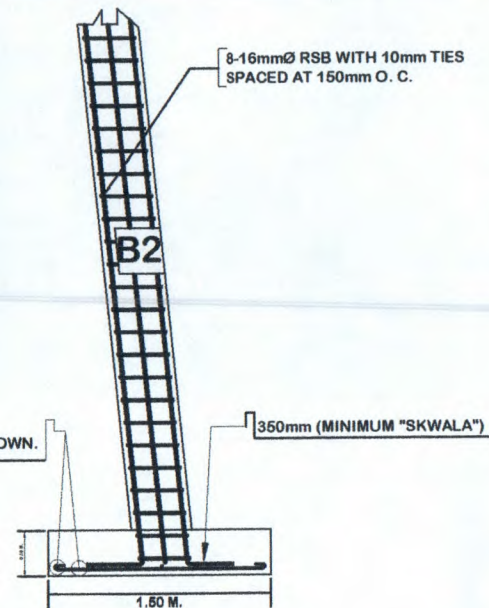
**S**  
**4/8** BEAMS AND COLUMN SECTION DETAILS  
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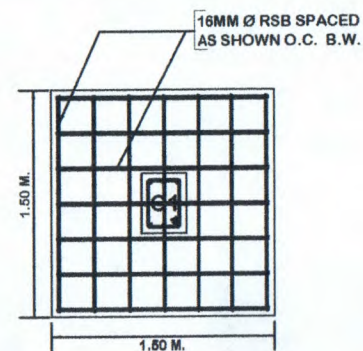
**S**  
**6/8** CONCRETE TOPPING DETAILS  
SCALE : NTS.



**S**  
**7/8** CONCRETE CANAL SECTION DETAILS  
SCALE : NTS.




**S**  
**5/8** C1 F2 SECTION DETAILS  
SCALE : NTS.



**S**  
**8/8** C1 F2 PLAN DETAILS  
SCALE : NTS.

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