



*Bids and Awards Committee for Infrastructure*

November 29, 2022

**BID BULLETIN NO. 1**

This Bid Bulletin No. 1 is issued to modify or amend items in the Bid Document with Solicitation No.: 22-11-116 for the **Construction of Academic Building for Senior High Program**.

In the Pre-Bid Conference conducted last November 23, 2022 for the above-mentioned project, the following revisions in the bidding documents were effected:

1) Amendments to Section III – BID DATA SHEET

<i><b>ITB Clause</b></i>	<i><b>Before</b></i>	<i><b>Revised</b></i>
5.2	<p>For this purpose, contracts similar to the Project refer to contracts which have the same major categories of work, which shall be:</p> <p>a) <i>Construction of Multi-storey Academic Building with multi-purpose area (minimum of 4 floors above ground; excluding roof deck).</i></p> <p>b) <i>Completed within five (5) years prior to the deadline for the submission and receipt of bids.</i></p>	<p>For this purpose, contracts similar to the Project refer to contracts which have the same major categories of work, which shall be:</p> <p>a) <i>Construction of Multi-storey <b>Academic</b> Building with <b>laboratory and</b> multi-purpose area (minimum of 4 floors above ground; excluding roof deck).</i></p> <p>b) <i>Completed within five (5) years prior to the deadline for the submission and receipt of bids..</i></p>
10.4	<p>The key personnel must meet the required minimum years of experience set below:</p> <p>The minimum work experience requirements for key personnel are described in Annex D1. Personnel Requirements.</p> <p>Please follow the format in Annex D2. Curriculum Vitae Format for Key Construction Personnel.</p> <p>Key Personnel</p> <p>A. Project Manager</p> <p>B. Project Engineer/Architect</p> <p>C. Construction Safety Engineer/Officer</p> <p>D. Sanitary Engineer or Master Plumber</p> <p>E. Electrical Engineer</p> <p>F. Mechanical Engineer</p> <p>G. Foreman</p>	<p>The key personnel must meet the required minimum years of experience set below:</p> <p>The minimum work experience requirements for key personnel are described in Annex D1. Personnel Requirements.</p> <p>Please follow the format in Annex D2. Curriculum Vitae Format for Key Construction Personnel.</p> <p>Key Personnel</p> <p>A. Project Manager</p> <p>B. Project Engineer/Architect</p> <p>C. Construction Safety Engineer/Officer</p> <p>D. Sanitary Engineer or Master Plumber</p> <p>E. Electrical Engineer</p> <p>F. Mechanical Engineer</p> <p>G. Foreman</p> <p>H. <b>Civil Engineer</b></p>

10.5	The minimum major equipment requirements are the following:			The minimum major equipment requirements are the following:		
	<u>Equipment</u>	<u>Capacity</u>	<u>Number of Units</u>	<u>Equipment</u>	<u>Capacity</u>	<u>Number of Units</u>
	Bagger Concrete Mixer	-	1	Bagger Concrete Mixer	-	1
	Electric Hand Drill	-	1	Electric Hand Drill	-	1
	Angle Grinder	-	1	Angle Grinder	-	1
				Mobile Crane with corresponding NC2 certification for the operator	>16 tons max. lifting weight	1
				Boom Truck	-	1

2) Amendments to Section VI – SPECIFICATIONS

<i>Page No.</i>	<i>Before</i>	<i>Revised</i>
4	<p><b>OVERVIEW</b></p> <p>The project requires the Contractor to supply all the necessary manpower, tools, materials, equipment, &amp; fixtures, and shall perform all works called for in the plans, specifications and instructions for the project <b>CONSTRUCTION OF ACADEMIC BUILDING FOR SENIOR HIGH PROGRAM</b> of the Philippine Science High School - Main Campus, Agham Road, Diliman, Quezon City within <b>Two Hundred Ten (210) Calendar Days</b>, reckoned from the date the project was actually started or the 7th day after the issuance of the Notice to Proceed (NTP) by PSHS-MC, whichever comes first.</p>	<p><b>OVERVIEW</b></p> <p>The project requires the Contractor to supply all the necessary manpower, tools, materials, equipment, &amp; fixtures, and shall perform all works called for in the plans, specifications and instructions for the project <b>CONSTRUCTION OF ACADEMIC BUILDING FOR SENIOR HIGH PROGRAM</b> of the Philippine Science High School - Main Campus, Agham Road, Diliman, Quezon City within <b>Two Hundred Seventy (270) Calendar Days</b>, reckoned from the date the project was actually started or the 7th day after the issuance of the Notice to Proceed (NTP) by PSHS-MC, whichever comes first.</p>
8	<p><b>VI. Similar Contract</b></p> <p>A contract shall be considered “similar” to the contract to be bid if it involves construction of a multi-storey academic building with multi-purpose area</p>	<p><b>VI. Similar Contract</b></p> <p>A contract shall be considered “similar” to the contract to be bid if it involves construction of a multi-storey <b>academic</b> building with <b>laboratory and</b> multi-</p>

	(minimum of 4 floors above ground; excluding roof deck).	purpose area (minimum of 4 floors above ground; excluding roof deck).
42-43	<p>B. Key Personnel for the Project</p> <p>1. The Contractor shall provide the following key personnel during the construction phase, the Bidder must assign the project professionals as shown below:</p> <p>1.1. Project Manager (1)</p> <ul style="list-style-type: none"> <li>i. Licensed Engineer/Architect</li> <li>ii. At least 10 years and above of experience in construction management</li> <li>iii. Should have a proven record of managerial capability through the directing/managing of major engineering works, including projects of a similar magnitude</li> <li>iv. Good oral and written communication skills</li> </ul> <p>1.2. Project Engineer/Architect (1)</p> <ul style="list-style-type: none"> <li>i. Licensed Civil Engineer or Architect</li> <li>ii. At least five (5) years relevant experience on similar and comparable projects in different locations</li> <li>iii. Preferably be knowledgeable in the application of Green Building and Rapid Construction Technologies</li> </ul> <p>1.3. Construction Safety Engineer/Officer (1)</p> <ul style="list-style-type: none"> <li>i. Licensed Engineer/Architect</li> <li>ii. Must have undergone the prescribed 40-hour Construction Safety and Health (COSH) Training by the Occupational Safety and Health Center or any accredited training institution</li> </ul> <p>1.4. Sanitary Engineer or Master Plumber (1)</p> <ul style="list-style-type: none"> <li>i. Licensed Sanitary Engineer or Master Plumber</li> <li>ii. At least five (5) years relevant experience on</li> </ul>	<p>B. Key Personnel for the Project</p> <p>1. The Contractor shall provide the following key personnel during the construction phase, the Bidder must assign the project professionals as shown below:</p> <p>1.1. Project Manager (1)</p> <ul style="list-style-type: none"> <li>i. Licensed Engineer/Architect</li> <li>ii. At least 10 years and above of experience in construction management</li> <li>iii. Should have a proven record of managerial capability through the directing/managing of major engineering works, including projects of a similar magnitude</li> <li>iv. Good oral and written communication skills</li> </ul> <p>1.2. Project Engineer/Architect (1)</p> <ul style="list-style-type: none"> <li>i. Licensed Civil Engineer or Architect</li> <li>ii. At least five (5) years relevant experience on similar and comparable projects in different locations</li> <li>iii. Preferably be knowledgeable in the application of Green Building and Rapid Construction Technologies</li> </ul> <p>1.3. Construction Safety Engineer/Officer (1)</p> <ul style="list-style-type: none"> <li>i. Licensed Engineer/Architect</li> <li>ii. Must have undergone the prescribed 40-hour Construction Safety and Health (COSH) Training by the Occupational Safety and Health Center or any accredited training institution</li> </ul> <p>1.4. Sanitary Engineer or Master Plumber (1)</p> <ul style="list-style-type: none"> <li>i. Licensed Sanitary Engineer or Master Plumber</li> <li>ii. At least five (5) years relevant experience on similar and</li> </ul>

	<p>similar and comparable projects in different locations</p> <p>1.5. Electrical Engineer (1)</p> <ol style="list-style-type: none"> <li>Licensed Professional Engineer</li> <li>At least five (5) years relevant experience on similar and comparable projects in different locations</li> </ol> <p>1.6. Mechanical Engineer (1)</p> <ol style="list-style-type: none"> <li>Licensed/Registered Mechanical Engineer</li> <li>With experience in construction</li> </ol> <p>1.7. Foreman (1)</p> <ol style="list-style-type: none"> <li>At least three (3) years of experience in similar and comparable projects.</li> <li>At least five (5) years as foreman within the company.</li> </ol> <p>The key professionals listed are required. The CONTRACTOR may, as needed and at its own expense, add additional professionals and/or support personnel for the optimal performance of all Construction Services, as stipulated in the Bid Documents for the PROJECT.</p> <p>Each key position shall be filled by different persons unless the professional personnel are licensed and certified to serve in the dual capacity – subject to approval.</p>	<p>comparable projects in different locations</p> <p>1.5. Electrical Engineer (1)</p> <ol style="list-style-type: none"> <li>Licensed Professional Engineer</li> <li>At least five (5) years relevant experience on similar and comparable projects in different locations</li> </ol> <p>1.6. Mechanical Engineer (1)</p> <ol style="list-style-type: none"> <li>Licensed/Registered Mechanical Engineer</li> <li>With experience in construction</li> </ol> <p>1.7. Foreman (1)</p> <ol style="list-style-type: none"> <li>At least three (3) years of experience in similar and comparable projects.</li> <li>At least five (5) years as foreman within the company.</li> </ol> <p>1.8. Civil Engineer (1)</p> <ol style="list-style-type: none"> <li>Licensed Civil Engineer</li> <li>At least five (5) years supervisory/managerial experience in structural works (rebars, concreting).</li> </ol> <p>The key professionals listed are required. The CONTRACTOR may, as needed and at its own expense, add additional professionals and/or support personnel for the optimal performance of all Construction Services, as stipulated in the Bid Documents for the PROJECT.</p> <p>Each key position shall be filled by different persons unless the professional personnel are licensed and certified to serve in the dual capacity – subject to approval.</p>
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### 3) Amendments to Section VII – DRAWINGS

- S-11 (see attached)
- S-11A (see attached)
- S-12 (see attached)
- S-12A (see attached)
- S-19 (see attached)
- S-19A (see attached)

4) Amendments to Annex D1 – PERSONNEL REQUIREMENTS

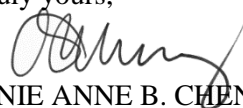
<i>Before</i>	<i>Revised</i>
-	1.8. Civil Engineer (1) i. Licensed Civil Engineer ii. At least five (5) years supervisory/managerial experience in structural works (rebars, concreting).

This is to reiterate the strict compliance of the specification requirement (doors, windows, etc.) with the Detailed Architectural and Engineering Design: Outline Specifications provided by the Architect Consultant, Arce-Bailon-Arce Architects.

This Supplemental Bid Bulletin No. 1 shall form part of the Bidding Documents. Any provision in the Bidding Documents inconsistent herewith is hereby amended, modified and superseded accordingly.

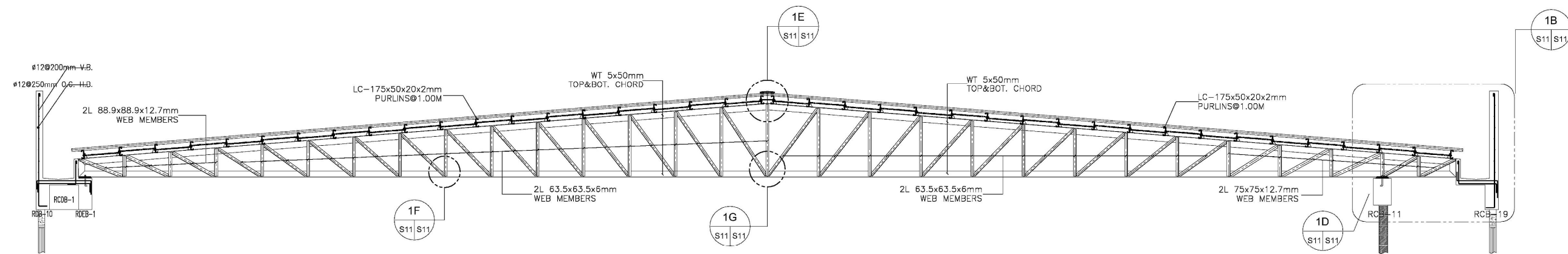
For guidance and information of all concerned.

Very truly yours,

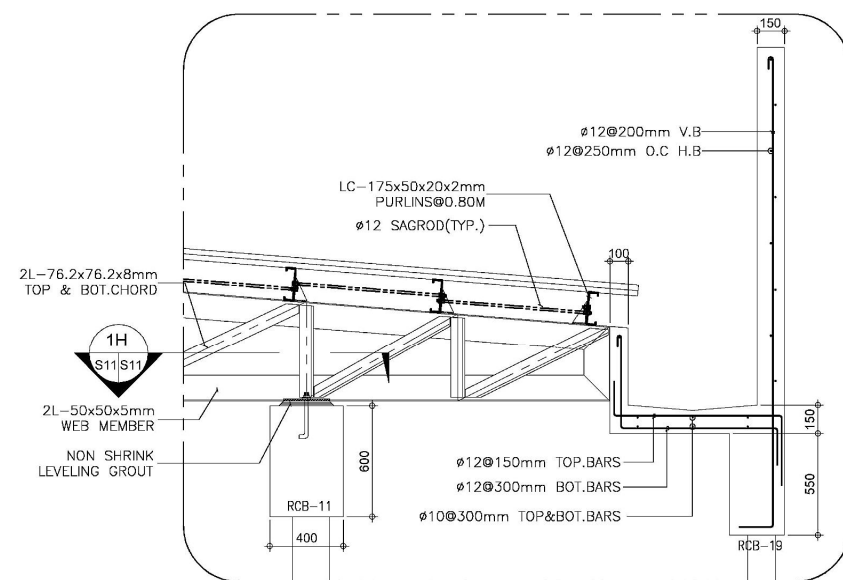


MELANIE ANNE B. CHENG, Ph.D.  
Chairperson, BAC for Infrastructure

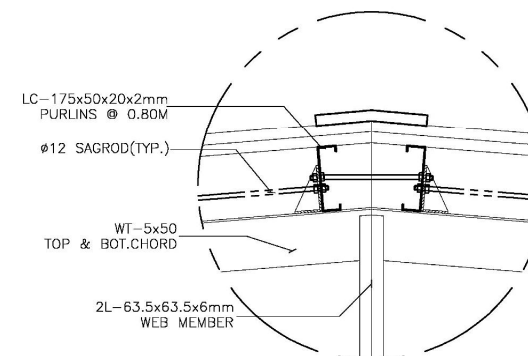
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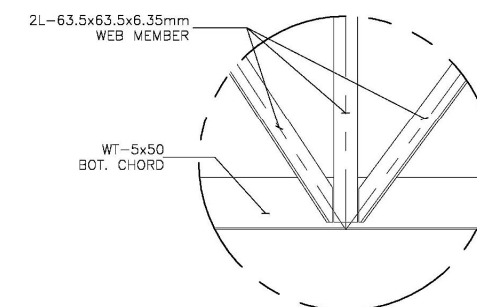
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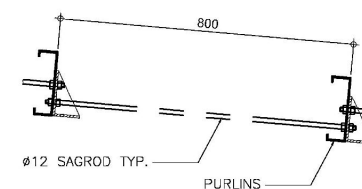
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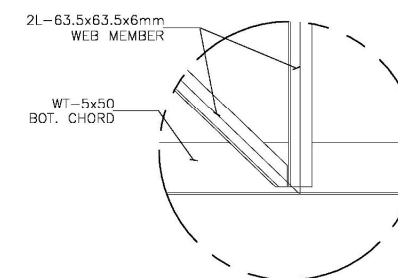
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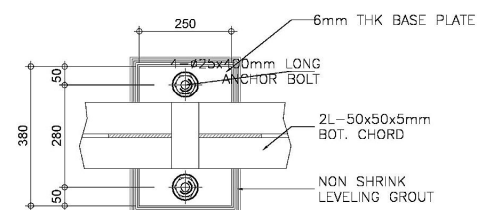
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


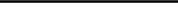



1F  
S11 S11  
DETAIL  
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1H SECTION  
S11 S11 SCALE 1:10 MTS

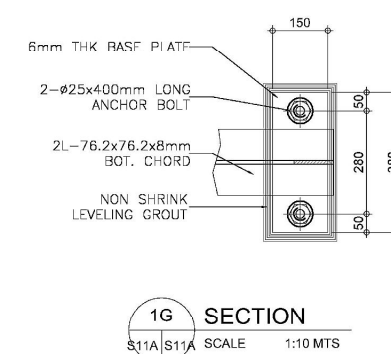
1 TRUSS DETAIL  
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		TIN. 129-343-871    DATE: 05/10/17 GC		TIN. 115-891-419    DATE: 01/05/17 MA															

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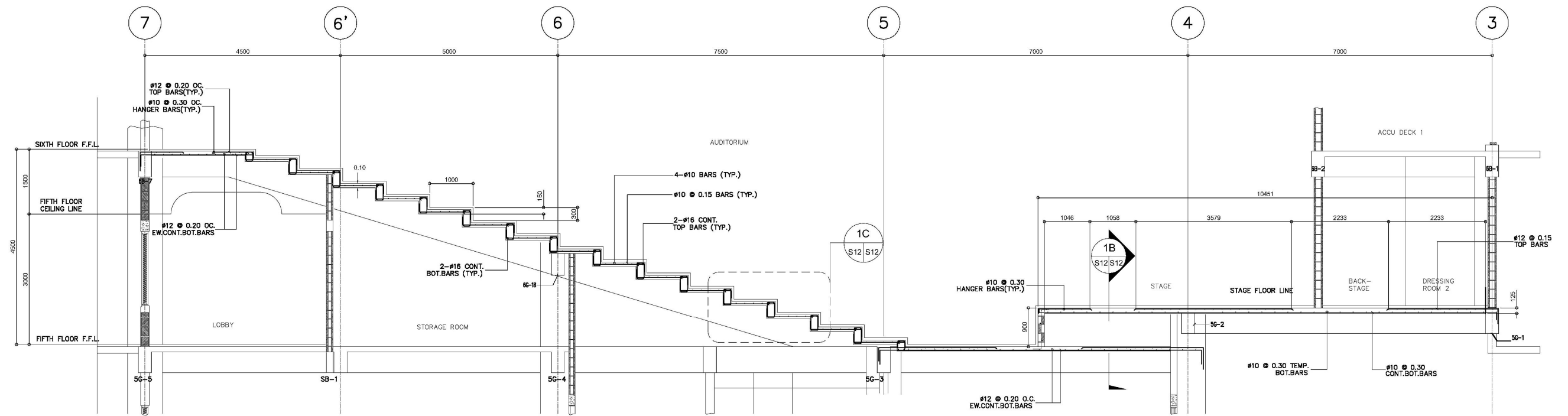


## FOR BIDDING

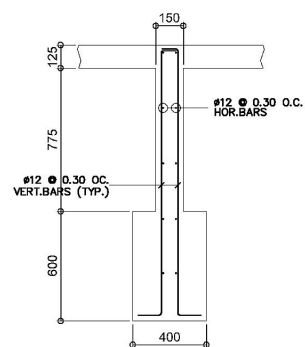


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		<div>REG. NO. 6844    PIR NO. 3865672    REG. NO. 7085    PIR NO. 5999092 TIN 129-343-871    DATE: 06/11/17 GC    TIN 115-891-419    DATE: 01/05/17 MLA</div>		LOCATION: Agham Road, Diliman, Quezon City		<div>DESIGNED BY: PBMJ    CAD: -    CHECKED BY: RJU    DATE: OCTOBER 2017</div>													

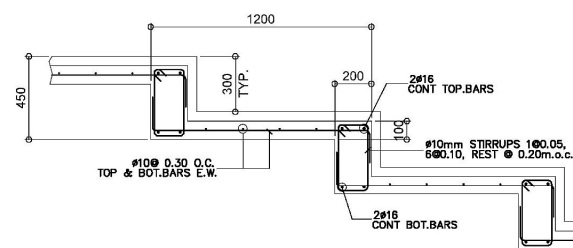
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1B SECTION  
S12 S12 SCALE 1:20 MTS



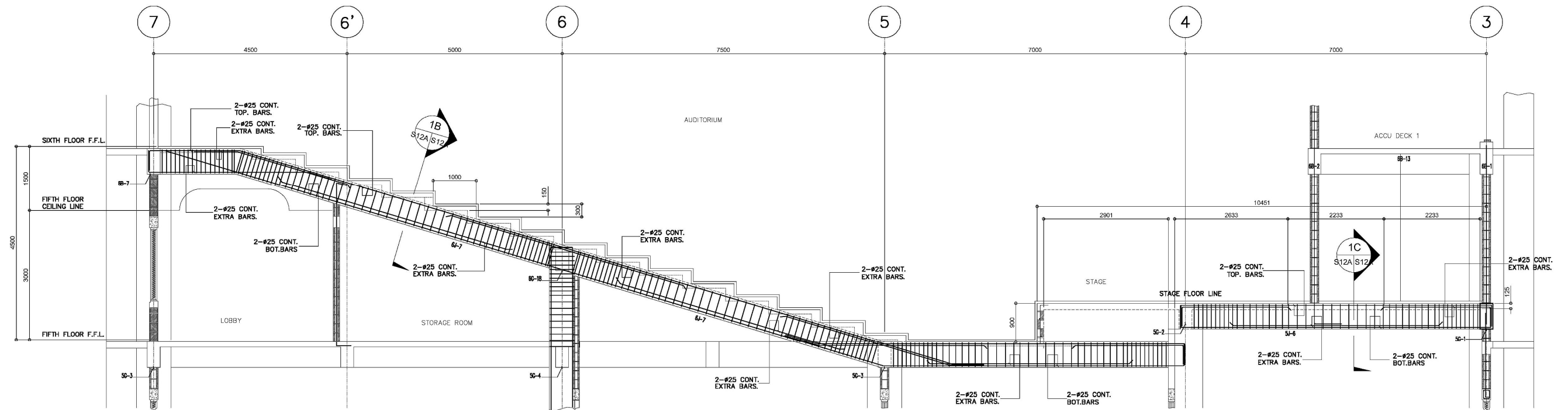
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S12 S12 SCALE 1:20 MTS

1 BLEACHERN SECTION  
S - 12 SCALE AS SHOWN

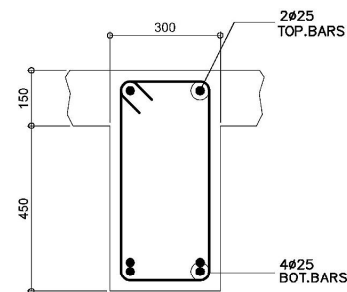
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 <b>ARCE-BAILON-ARCE</b> ARCHITECTS-ENGINEERS-CONSULTANTS 14 SCOUT BORROMEO STREET, SOUTH TRIANGLE, QUEZON CITY. TRUNKLINE: 33552923 FAX NO: 33551080 www.arcebailon-arce.com	 MARIANO S. ARCE, JR., fuop	 RENATO R. UBAY, fbsep	CONSTRUCTION OF THE ACADEMIC BUILDING FOR SENIOR HIGH PROGRAM	 PHILIPPINE SCIENCE HIGH SCHOOL MAIN CAMPUS	 VIRGINIA P. ANDRES SGD DIRECTOR III	- BLEACHERN SECTION SECTION		17-06	S-12
REG. NO. 6844 PIR NO. 3865672 REG. NO. 7085 PIR NO. 5999092 TIN 129-343-871 DATE 04/11/17 QC TIN 115-891-419 DATE 01/05/17 MIA	LOCATION: Agham Road, Diliman, Quezon City	DESIGNED BY: PBMJ CAD: CHECKED BY: RRJ DATE: OCTOBER 2017							



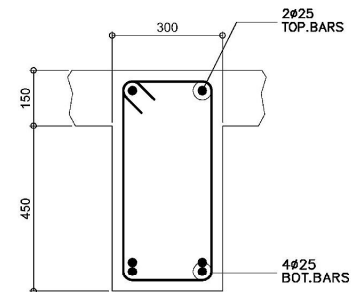
FOR BIDDING



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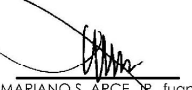





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1C 5J-6 SECTION  
S12A S12A SCALE 1:10 MTS

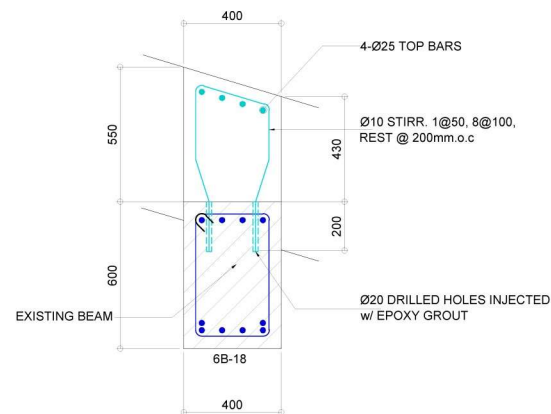
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 <b>ARCE-BAILON-ARCE</b> ARCHITECTS-ENGINEERS-CONSULTANTS 14 SCOUT BORROMEO STREET, SOUTH TRIANGLE, QUEZON CITY. TRUNKLINE: 33552923 FAX NO: 33551080 www.arcebailonarce.com	 MARIANO S. ARCE, JR., fuop	 RENATO R. UBAY, pbsep	CONSTRUCTION OF THE ACADEMIC BUILDING FOR SENIOR HIGH PROGRAM	 PHILIPPINE SCIENCE HIGH SCHOOL MAIN CAMPUS	 VIRGINIA P. ANDRES SGD DIRECTOR III	- BLEACHERN BEAM ELEVATION SECTION		17-06	S-12A
REG. NO. 6844 PIR NO. 3865672 REG. NO. 7085 PIR NO. 5999092 TIN 129-343-871 DATE 04/11/17 QC TIN 115-891-419 DATE 01/05/17 MLA			LOCATION: Agham Road, Diliman, Quezon City			DESIGNED BY: PBMJ CAD: CHECKED BY: RRJ DATE: OCTOBER 2017			

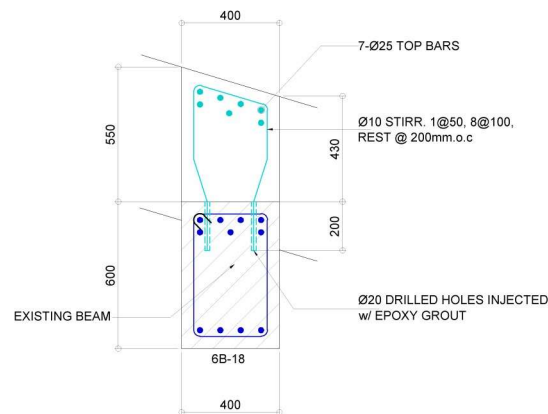
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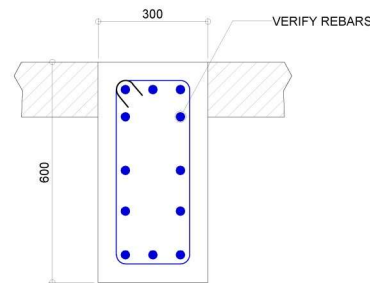




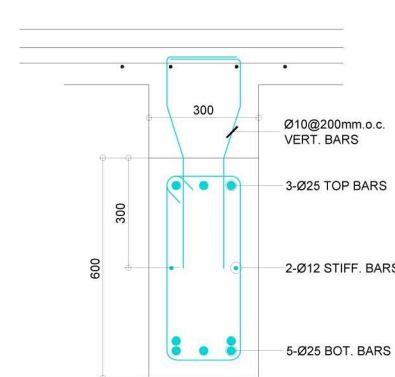
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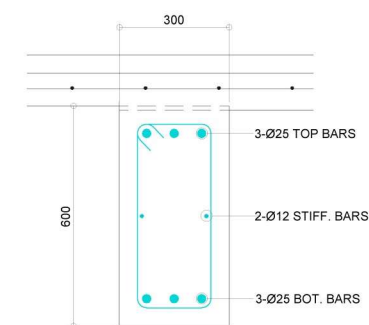
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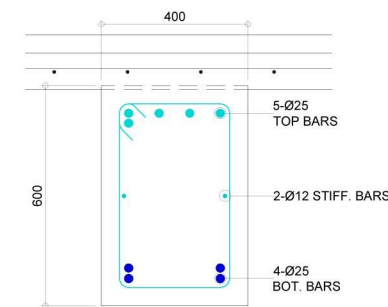
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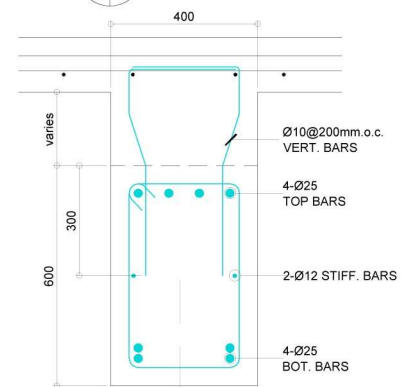
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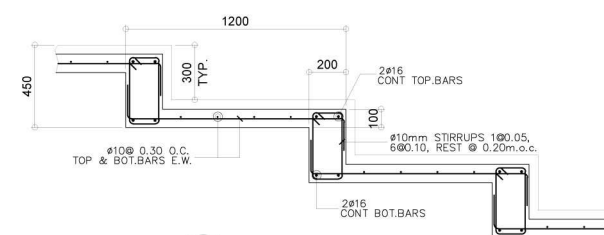
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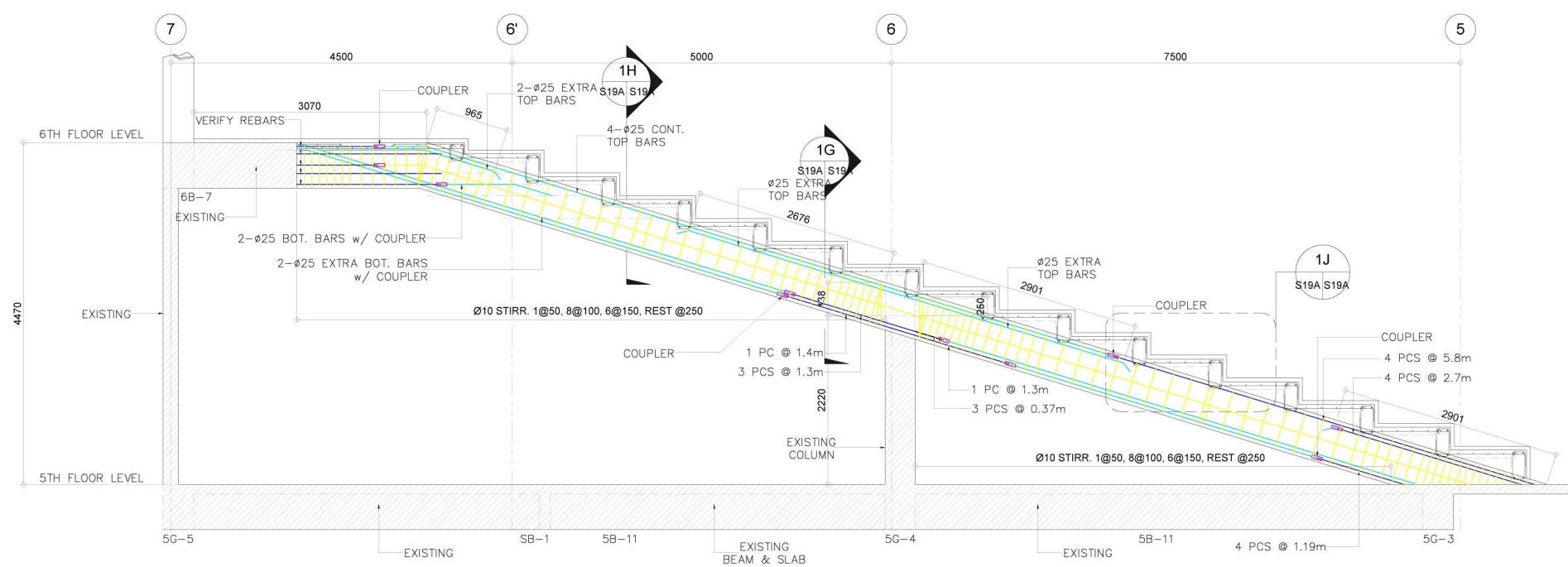
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**1H SECTION**  
S19A S19A SCALE 1:10 MTS



**1J SECTION**  
S19A S19A SCALE 1:10 MTS



**1A 6B-19 ELEVATION ALONG G.L. 'F'**  
S19A S19A SCALE 1:40 MTS

LEGEND:  
— NEW REBARS  
— NEW REBARS  
— EXISTING REBARS  
— COUPLER

**1 TYP BLEACHER BEAM DETAIL**  
S - 19A SCALE AS SHOWN

CONSULTANT:	PRINCIPAL ARCHITECT:	STRUCTURAL ENGINEER:	PROJECT TITLE:	OWNER:	APPROVED BY:	SHEET CONTENTS:	REVISION:	PROJECT NO.:	SHEET NO.:
ARCE•BAILON•ARCE ARCHITECTS•ENGINEERS•CONSULTANTS 14 SCOUT BORROMEO STREET, SOUTH TRIANGLE, QUEZON CITY. TRUNKLINE: 3552323 FAX NO.: 3551080 www.arcebailonarce.com	MARIANO S. ARCE, JR., fuap	RENATO R. UBAY f*asep	CONSTRUCTION OF THE ACADEMIC BUILDING FOR SENIOR HIGH PROGRAM	PHILIPPINE SCIENCE HIGH SCHOOL MAIN CAMPUS	LAWRENCE V. MADRIAGA SGD DIRECTOR III	-BLEACHER BEAM DETAIL - -	- - -	17-06	S-19A
REG. NO. 6844 PTR NO. - TIN 129-343-871 DATE: -	REG. NO. 7085 PTR NO. - TIN 115-891-419 DATE: -	LOCATION: Agham Road, Diliman, Quezon City				DESIGNED BY: PBMJ	CAD: -	CHECKED BY: RRU	DATE: OCTOBER 28, 2022

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