



REPUBLIC OF THE PHILIPPINES CITY OF GENERAL SANTOS OFFICE OF THE CITY ENGINEER	
TITLE OF PROJECT: _____	
LAND USE & ZONING	
LINE AND GRADE	
ARCHITECTURAL	
STRUCTURAL	
SANITARY	
ELECTRICAL	
MECHANICAL	
AS SHOWN	A-01
01	09

**GENERAL SANTOS CITY WATER DISTRICT**  
 A MEMORANDUM OF UNDERSTANDING  
 BETWEEN THE DISTRICT AND THE CITY ENGINEER  
 IN THE MATTER OF THE PROPOSED CONSTRUCTION OF A WAREHOUSE

**PROPOSED CONSTRUCTION OF A WAREHOUSE**  
 ADDRESS: \_\_\_\_\_  
 LOT NO. \_\_\_\_\_  
 BLOCK NO. \_\_\_\_\_

**OWNER**  
 NAME: \_\_\_\_\_  
 ADDRESS: \_\_\_\_\_

**DESIGNER**  
 NAME: \_\_\_\_\_  
 ADDRESS: \_\_\_\_\_

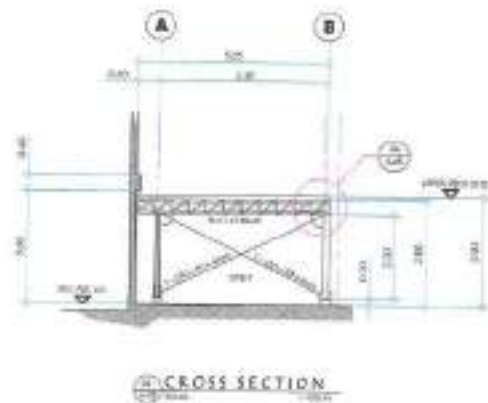
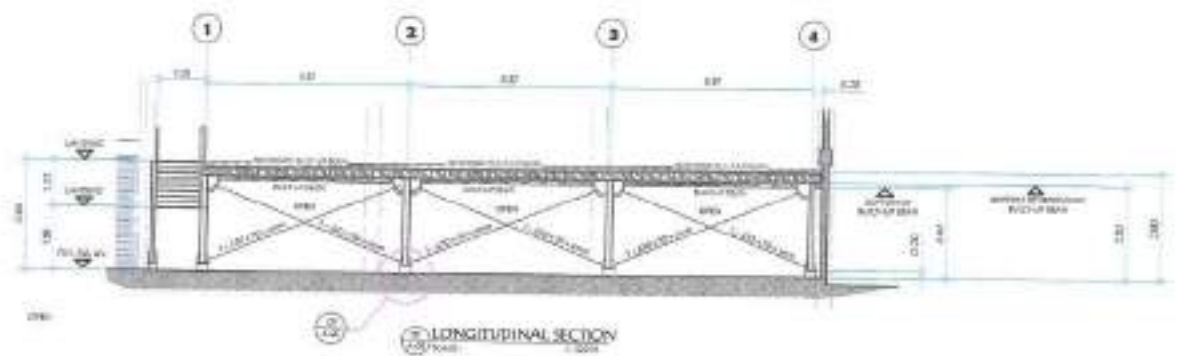
**ENGINEER**  
 NAME: \_\_\_\_\_  
 ADDRESS: \_\_\_\_\_

**APPROVER**  
 NAME: \_\_\_\_\_  
 ADDRESS: \_\_\_\_\_

**DATE**  
 \_\_\_\_\_







**GENERAL SANTOS CITY WATER DISTRICT**  
 A DIVISION OFFICE OF THE DEPARTMENT OF WATER SUPPLY AND IRRIGATION  
 GENERAL SANTOS CITY, COTABATO  
 TEL. NO. (083) 421-1001

*[Signature]*  
**ENGINEER-IN-CHARGE**  
 CIVIL ENGINEER

**PROJECT AND LOCATION**  
 PROPOSED CONSTRUCTION OF WATERHOUSE  
 GENERAL SANTOS CITY, COTABATO

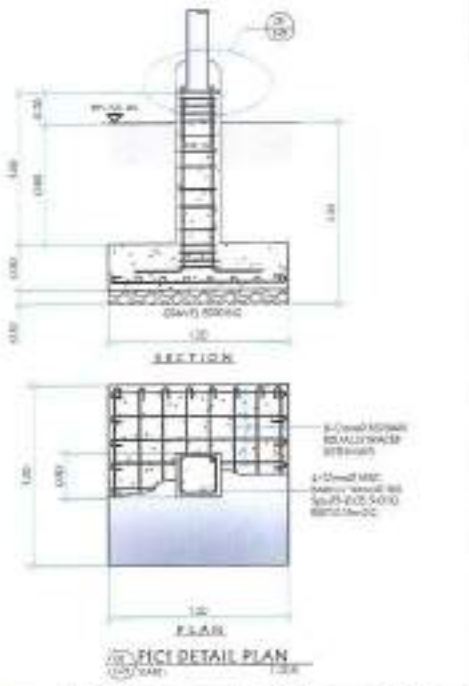
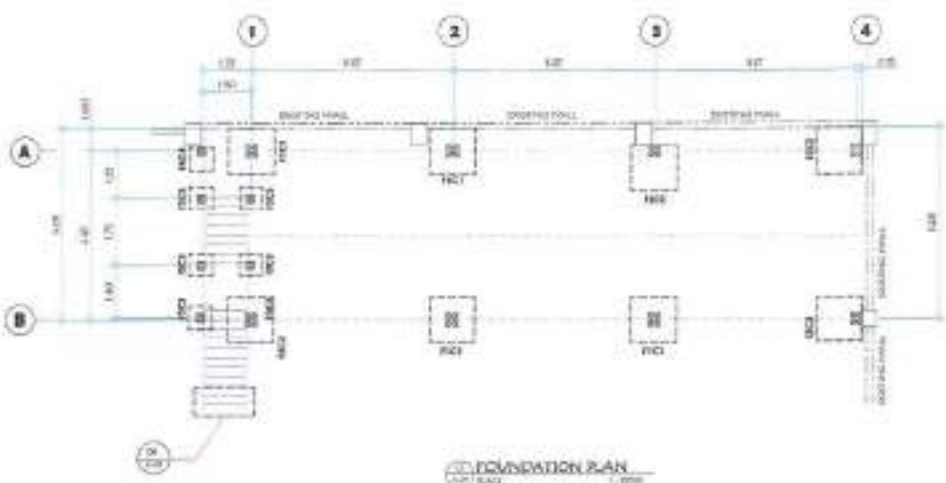
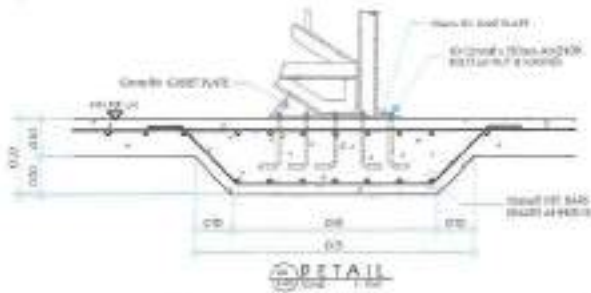
**ENGINEER**  
*[Signature]*  
**PROF. ROBERTO A. SERRANO, JR.**  
 CIVIL ENGINEER

**DESIGNER**  
*[Signature]*  
**ENGR. ROBERTO A. SERRANO, JR.**  
 CIVIL ENGINEER

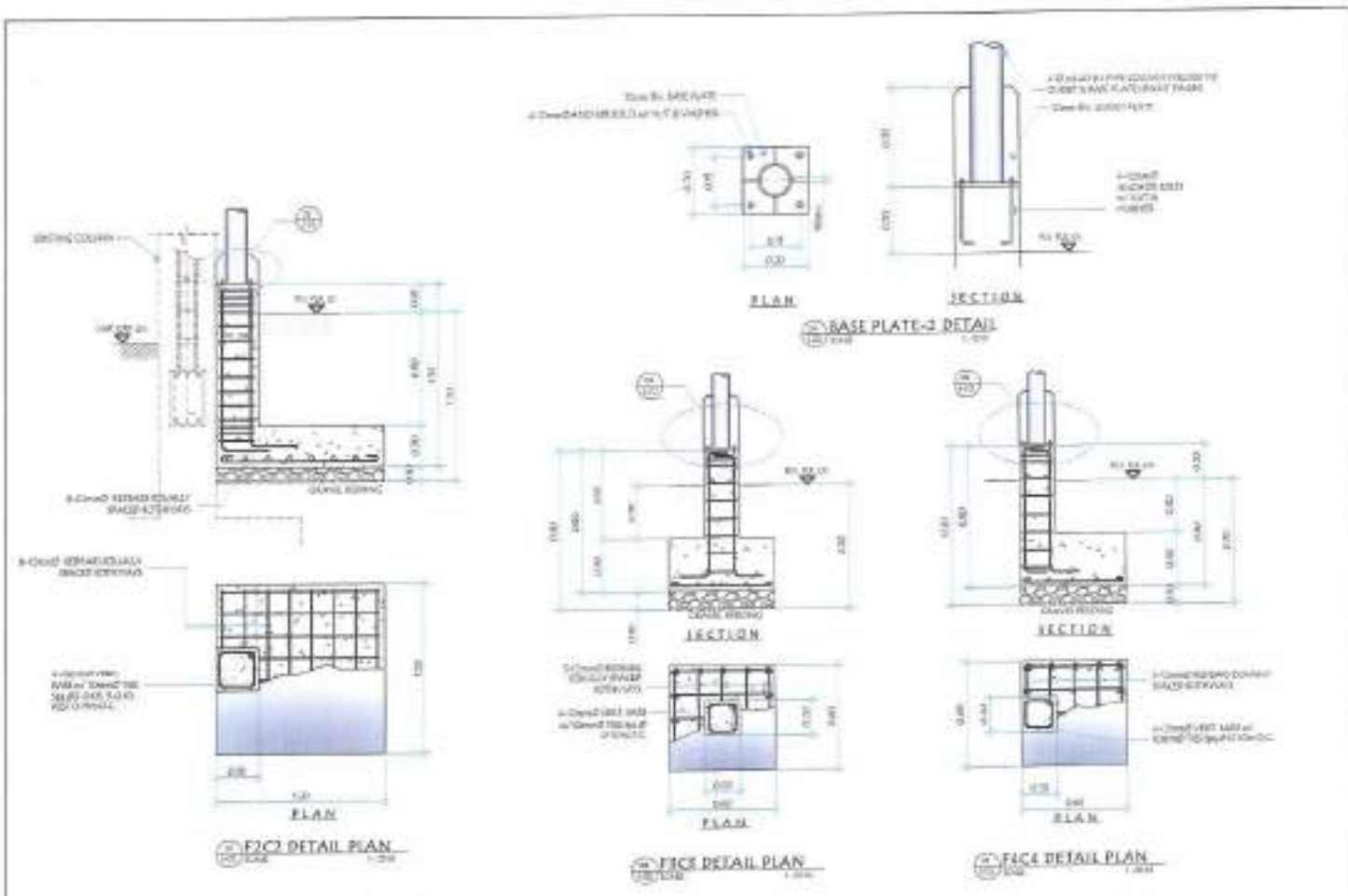
**CHECKER**  
*[Signature]*  
**ENGR. ROBERTO A. SERRANO, JR.**  
 CIVIL ENGINEER

**SCALE**  
 AS SHOWN  
**DATE**  
 2024-04-10

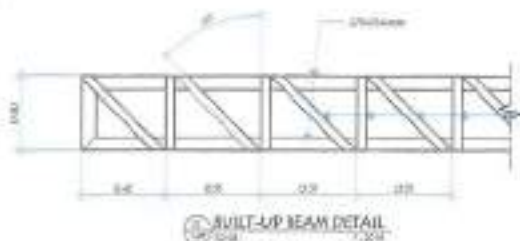
**PROJECT NO.**  
 A-04  
**DATE**  
 04 09



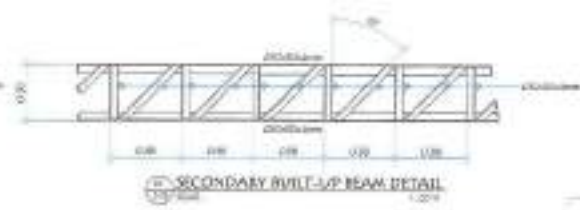
<p><b>GENERAL SANTOS CITY WATER DISTRICT</b> 1700001 STREET AND LAND DEVELOPMENT DIVISION GENERAL SANTOS CITY 6000 GENERAL SANTOS 6000 GENERAL SANTOS</p>	<p><b>ENGR. JOSE M. DELA CRUZ</b> REGISTERED CIVIL ENGINEER</p>	PROJECT TITLE	DESIGNER	REVIEWER	DATE	SCALE	SHEET NO.
		PROPOSED CONSTRUCTION OF WAREHOUSE	ENGR. JOSE M. DELA CRUZ	ENGR. SCORLO A. BARRAL JR.	05/05/2024	AS SHOWN	05



 <b>GENERAL SANTOS CITY WATER DISTRICT</b> A MEMBER COMPANY OF THE SOUTHERN PHILIPPINE WATER SUPPLY AND SEWERAGE AUTHORITY NATIONAL WATER UTILITIES CORPORATION 2018, 2019, 2020	 <b>RODERICK A. CANDAY</b> CIVIL ENGINEER	PROJECT AND LOCATION	DATE	REVISION	DESIGNER	CHECK ENGINEER	PROJ. NO.
		PROPOSED CONSTRUCTION OF VARIOUS METER PIPES	2024-05-01		ROCK ANITA DELANDAPU	ALYSONN	5-02
PROJECT NO. 2024-05-01 SHEET NO. 05-02 SHEET TOTAL 05-09	DATE: 2024-05-01 SCALE: AS SHOWN	PROJECT LOCATION: GENERAL SANTOS CITY WATER DISTRICT PROJECT NO.: 2024-05-01	DESIGNER:  <b>ROCK ANITA DELANDAPU</b> CIVIL ENGINEER	CHECK ENGINEER:  <b>ALYSONN</b> CIVIL ENGINEER	PROJECT NO.: 2024-05-01 SHEET NO.: 05-02 SHEET TOTAL: 05-09	05 09	



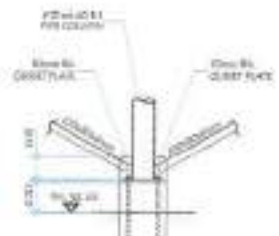
**BUILT-UP BEAM DETAIL**  
1:024



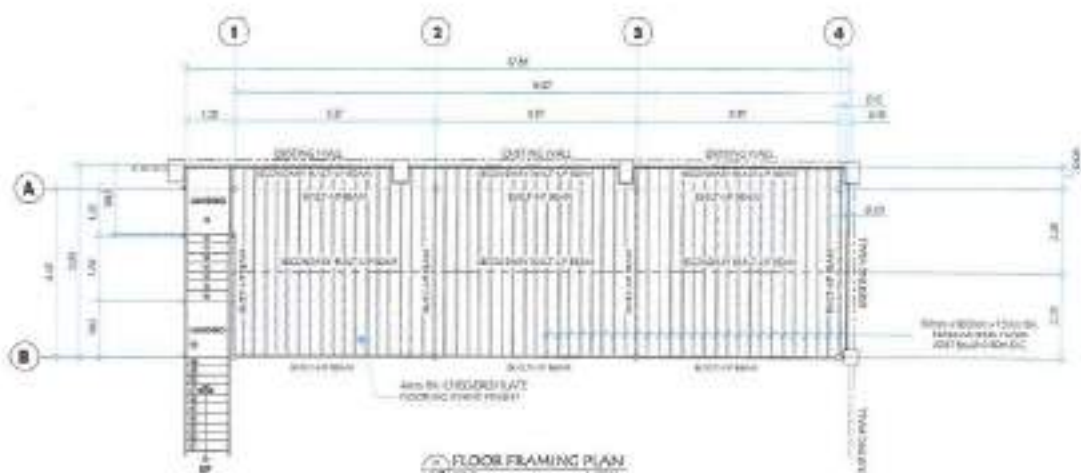
**SECONDARY BUILT-UP BEAM DETAIL**  
1:024



**DETAIL**  
1:024



**DETAIL**  
1:024



**FLOOR FRAMING PLAN**  
1:024

 <b>GENERAL SANTOS CITY WATER DISTRICT</b> 11000000 11000000 11000000 11000000 11000000 11000000 11000000 11000000 11000000 11000000 11000000 11000000 11000000 11000000 11000000 11000000	 <b>ROBERTO A. GANDY</b> CIVIL ENGINEER	PROJECT AND LOCATION	DATE	REVISION	APPROVED	PROJECT NO.	DATE
		PROPOSED CONSTRUCTION OF WAREHOUSE 11000000 11000000 11000000 11000000	07/09/2024	01/01/2024	 <b>ROBERTO A. GANDY</b> CIVIL ENGINEER	 <b>ENGR. RODELO R. SERRANO, JR.</b> CIVIL ENGINEER	 <b>ENGR. MARLON L. DELA CRUZ</b> CIVIL ENGINEER





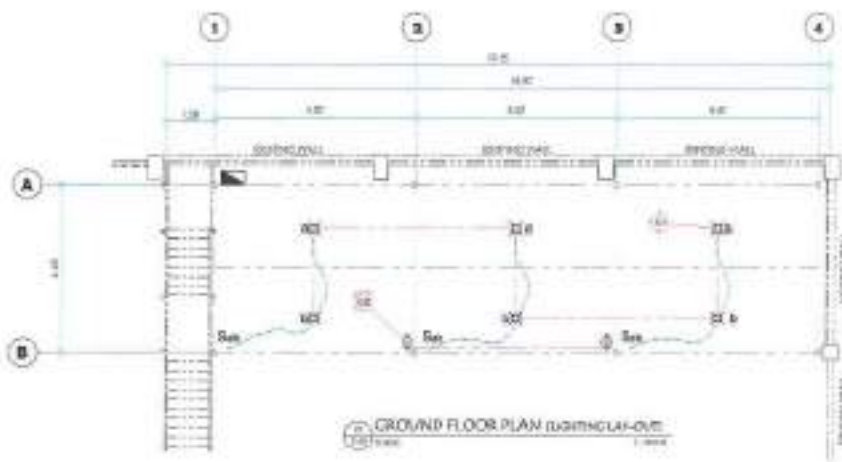
**GENERAL NOTES:**

1. ALL ELECTRICAL WORK SHALL BE DONE IN ACCORDANCE WITH THE PROVISIONS OF THE LATEST EDITION OF THE PHILIPPINE ELECTRICAL CODE, EXISTING APPLICABLE ORDINANCES, RULES AND REGULATIONS OF THE LOCAL GOVERNMENT AND WITH THE REQUIREMENTS OF THE LOCAL POWER COMPANY.
2. THE TYPE OF SERVICE POWER SUPPLY TO BE USED SHALL BE SINGLE-PHASE, 240V, 60 HERTZ, 1 Ø.
3. THE CONTRACTOR SHALL VERIFY AND CHECK THE ACTUAL LOCATION OF SERVICE ENTRANCE FOR CONNEXION TO THE POWER COMPANY SERVICE POINT.
4. UNLESS OTHERWISE SPECIFIED, THE MINIMUM SIZE OF WIRE AND GALVANIZED RIGID ETC., CONDUIT TO BE USED SHALL BE 3 AWG THRU AND 1/2 INCH RIGID GALVANIZED ETC., RESPECTIVELY. ALL ELECTRICAL WIRING SHALL BE COLOR CODED.
5. ALL LIGHTING CIRCUIT WIRING AND CONDUIT SHALL BE WIRING WITH NOT LESS THAN 1/2 INCH IN SIZE.
6. WHEREVER REQUIRED AND NECESSARY, ALL JOINTS AND BOXES SHALL BE RE-LOCATED AT CONVENIENT AND REASONABLE LOCATION ALTHOUGH SUCH BOXES ARE NOT SHOWN ON THE PLAN FOR IDENTIFICATION IN THE SPECIFICATIONS.
7. ALL NON-CURRENT CARRYING PARTS OF ELECTRICAL EQUIPMENT SHALL BE PROPERLY GROUNDING IN ACCORDANCE WITH THE PROVISIONS OF THE LATEST EDITION OF THE PHILIPPINE ELECTRICAL CODE.
8. ALL MATERIALS TO BE USED SHALL BE BRAND-NAME OR THE APPROVED TYPE FOR LOCATION AND FUNCTION.
9. STANDARD TYPE OF ACCESSORIES, SPlicing DEVICES, TERMINATIONS AND OTHER APPURTENANCES FOR THE ENTIRE ELECTRICAL INSTALLATION SHALL BE USED.
10. ALL WALL OUTLETS SHALL BE RE-PLACED AT THE FOLLOWING HEIGHTS ABOVE THE FINISHED FLOOR LEVEL, UNLESS NOTED IN THE PLAN.
  - a) WALL SWITCHES @ 1500mm
  - b) WALL CONDUIT OUTLETS @ 800 mm
11. ALL ELECTRICAL WORK SHALL BE DONE UNDER THE DIRECT AND IMMEDIATE SUPERVISION OF A DULY REGISTERED ELECTRICAL ENGINEER.

**SCHEDULE OF LOADS:**

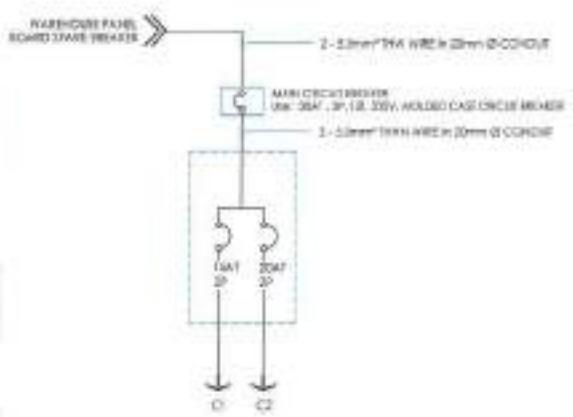
NO.	DESCRIPTION	PHASE	W	V	A	VA	WATT	VA	VA	VA	VA	VA	VA
1	LIGHTING	1	100	1	100	10000	10000	10000	10000	10000	10000	10000	10000
2	CONDUIT	1	100	1	100	10000	10000	10000	10000	10000	10000	10000	10000

CONSUMPTION @ 100% Demand Factor: 20000 VA  
 DEMAND FACTOR = 100% (20000 VA) = 20000 VA



**NOTING HEIGHTS:**

- CONDUIT OUTLETS: 800mm FROM BOTTOM OF OUTLET TO FINISHED FLOOR LEVEL
- WALL SWITCHES: 1500mm FROM BOTTOM OF SWITCH TO FINISHED FLOOR LEVEL
- WALL BOARD: 1800mm FROM BOTTOM OF BOARD TO FINISHED FLOOR LEVEL
- WALL MOUNTED BOXES: 1500mm FROM BOTTOM OF BOXES TO FINISHED FLOOR LEVEL



<p><b>GENERAL SANTOS CITY WATER DISTRICT</b>                  3, PANGLOSS ST. UNIT 200 SOUTH                  GENERAL SANTOS CITY, COTABATO                  TEL. NO. 095 521 300</p>	<p>PROFESOR ELECTROTECNICO</p> <p>PROYECTO: CONSTRUCCION DE WAREHOUSE                  WAREHOUSE</p> <p>PROF. EN: [Signature]</p>	<p>PROYECTO: [Signature]</p> <p>PROF. EN: [Signature]</p>	<p>PROYECTO: [Signature]</p> <p>PROF. EN: [Signature]</p>	<p>PROYECTO: [Signature]</p> <p>PROF. EN: [Signature]</p>	<p>PROYECTO: [Signature]</p> <p>PROF. EN: [Signature]</p>	<p>PROYECTO: [Signature]</p> <p>PROF. EN: [Signature]</p>	<p>PROYECTO: [Signature]</p> <p>PROF. EN: [Signature]</p>	<p>PROYECTO: [Signature]</p> <p>PROF. EN: [Signature]</p>	<p>PROYECTO: [Signature]</p> <p>PROF. EN: [Signature]</p>	<p>PROYECTO: [Signature]</p> <p>PROF. EN: [Signature]</p>
	<p>PROYECTO: [Signature]</p> <p>PROF. EN: [Signature]</p>	<p>PROYECTO: [Signature]</p> <p>PROF. EN: [Signature]</p>	<p>PROYECTO: [Signature]</p> <p>PROF. EN: [Signature]</p>	<p>PROYECTO: [Signature]</p> <p>PROF. EN: [Signature]</p>	<p>PROYECTO: [Signature]</p> <p>PROF. EN: [Signature]</p>	<p>PROYECTO: [Signature]</p> <p>PROF. EN: [Signature]</p>	<p>PROYECTO: [Signature]</p> <p>PROF. EN: [Signature]</p>	<p>PROYECTO: [Signature]</p> <p>PROF. EN: [Signature]</p>	<p>PROYECTO: [Signature]</p> <p>PROF. EN: [Signature]</p>	<p>PROYECTO: [Signature]</p> <p>PROF. EN: [Signature]</p>