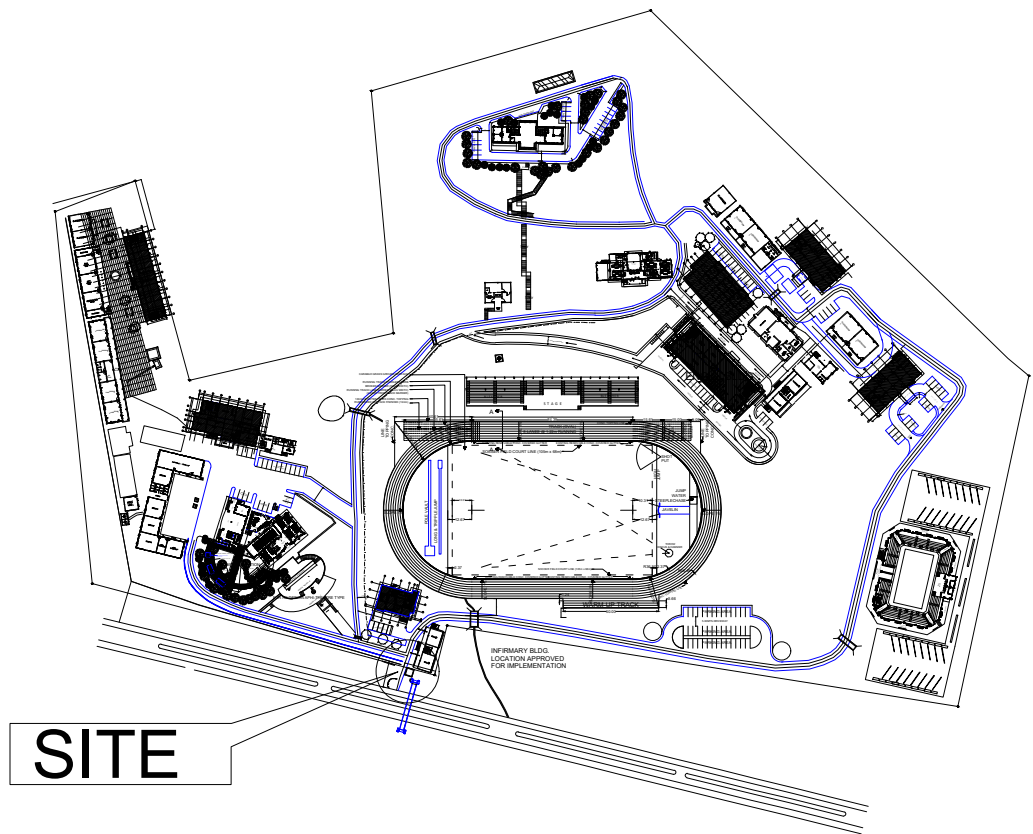


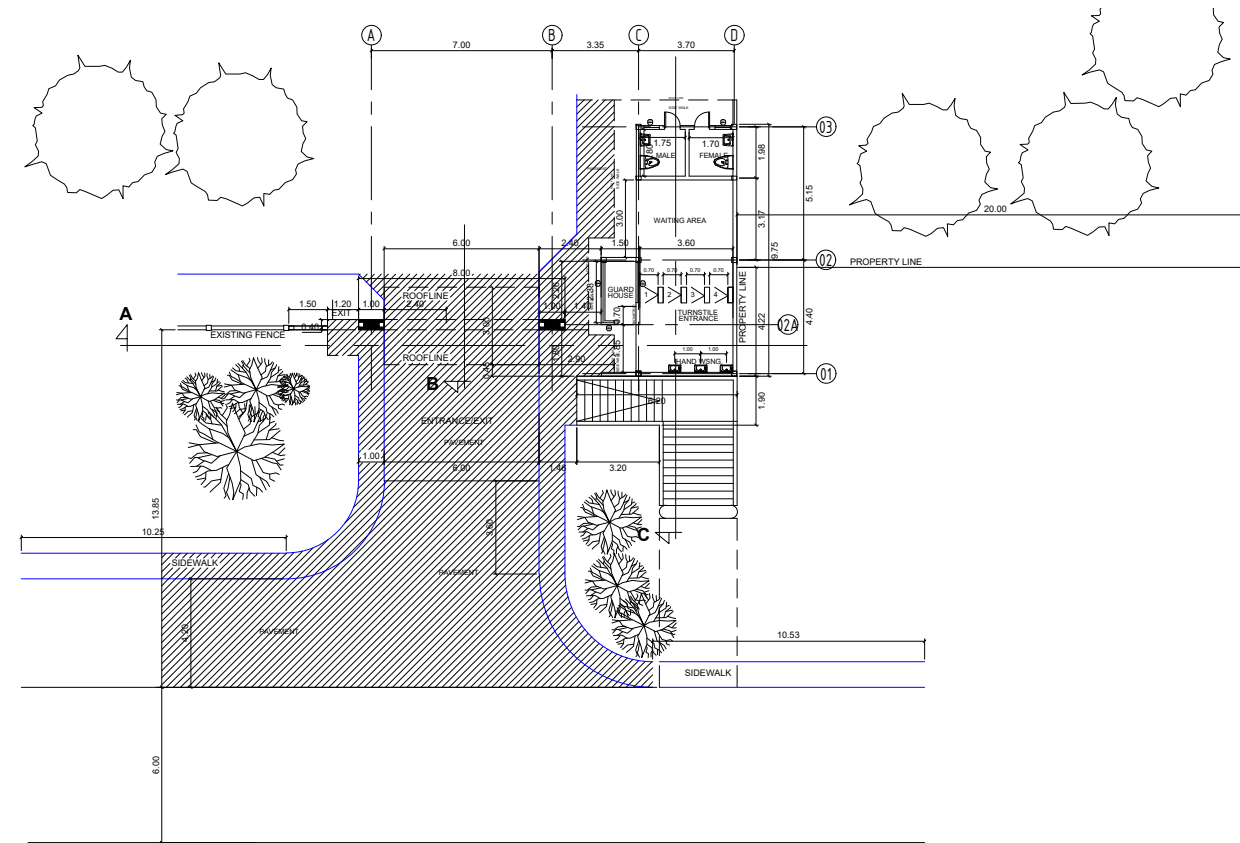


P E R S P E C T I V E



SITE

1 **VICINITY MAP**
A-1 SCALE NTS



2 **SITE DEV'T. PLAN**
A-1 SCALE NTS

REPUBLIC OF THE PHILIPPINES
OFFICE OF THE
MUNICIPAL/CITY
ENGINEER/BUILDING OFFICIAL

DISTRICT/CITY/MUNICIPALITY

LAND USE & ZONING

LINE & GRADE






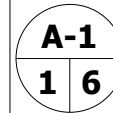
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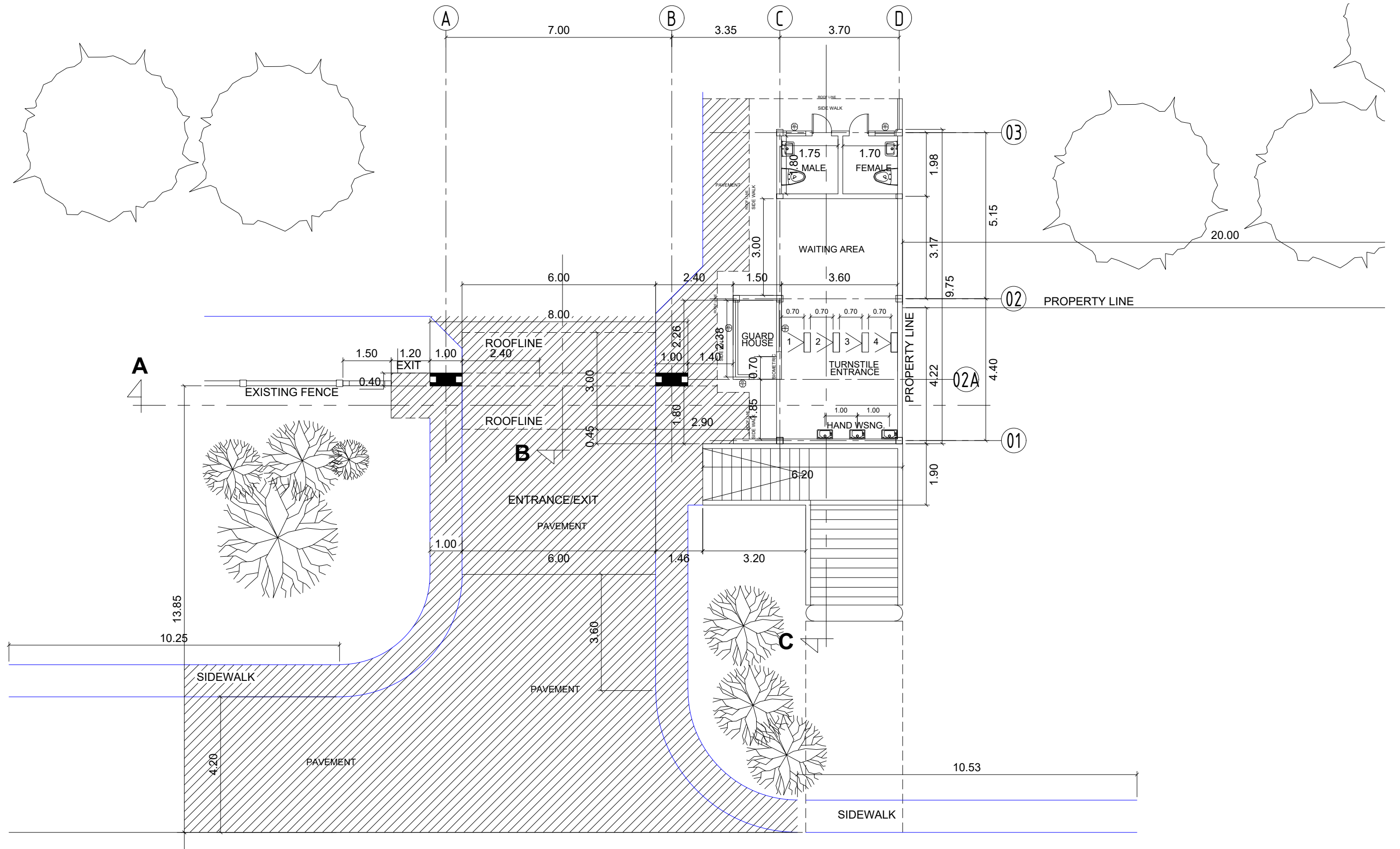
STRUCTURAL

SANITARY






ELECTRICAL

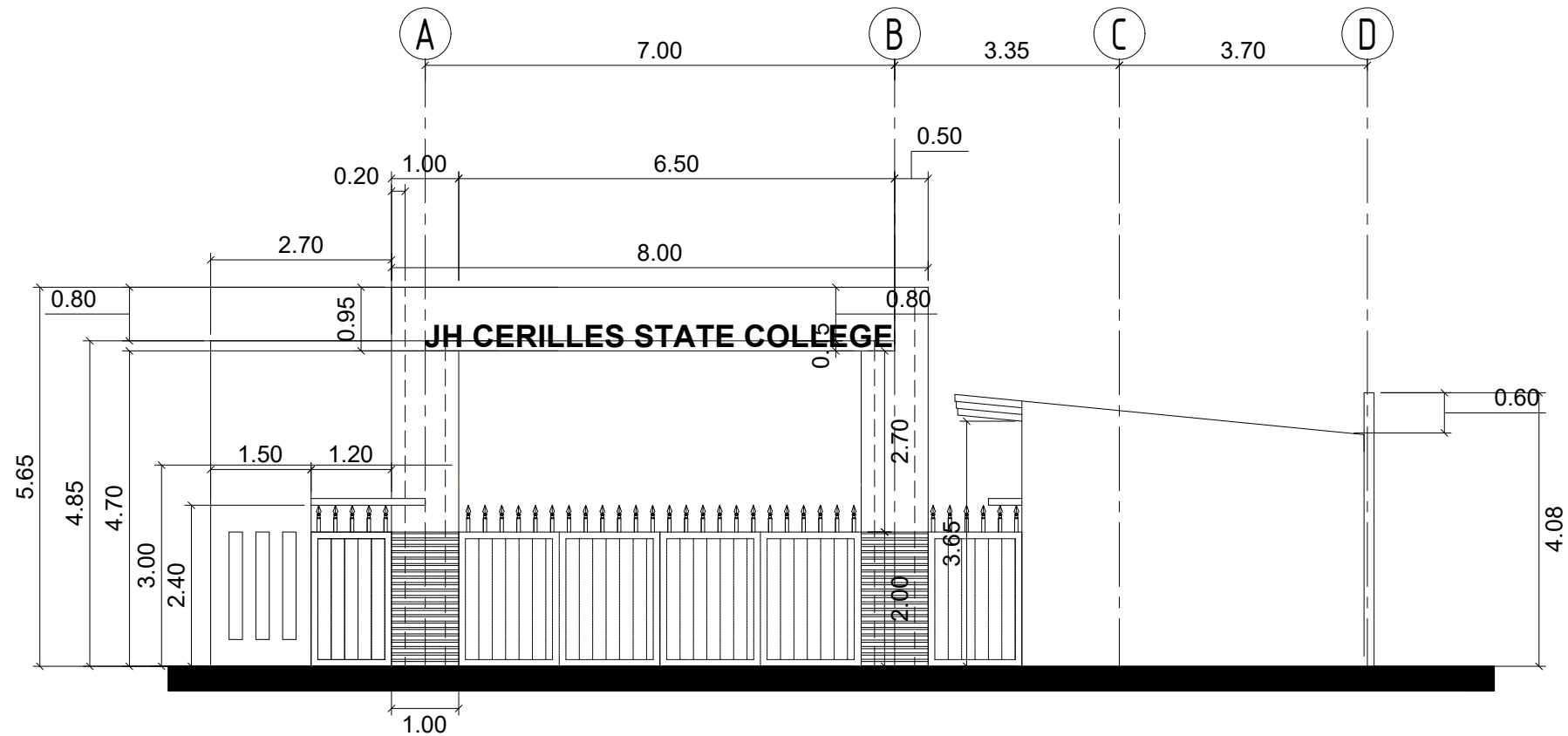
FIRE & SAFETY

| | | | | | | | |
|--|---|---|---|---|---|----------------|---|
|  | PROJECT TITLE : | PREPARED BY: | CHECKED & SUBMITTED BY: | RECOMMENDING APPROVAL: | APPROVED: | SHEET CONTENT: | SHEET NO: |
| | CONSTRUCTION OF JHCSC MAIN CAMPUS ENTRANCE GATE LOCATION : MATTI, SAN MIGUEL, ZAMBOANGA DEL SUR |  AIVY B. GAPOL, CE ENGINEERING ASSISTANT |  PANGASIAN B. MAMINTAS, CE COLLEGE ENGINEER |  RODRIGO P. MILLARES, JR., REE., EnP. PLANNING AND DEVELOPMENT DIRECTOR |  FREDDIE T. BERNAL, Ph.D., CESO III OIC - JHCSC PRESIDENT | AS SHOWN |  |

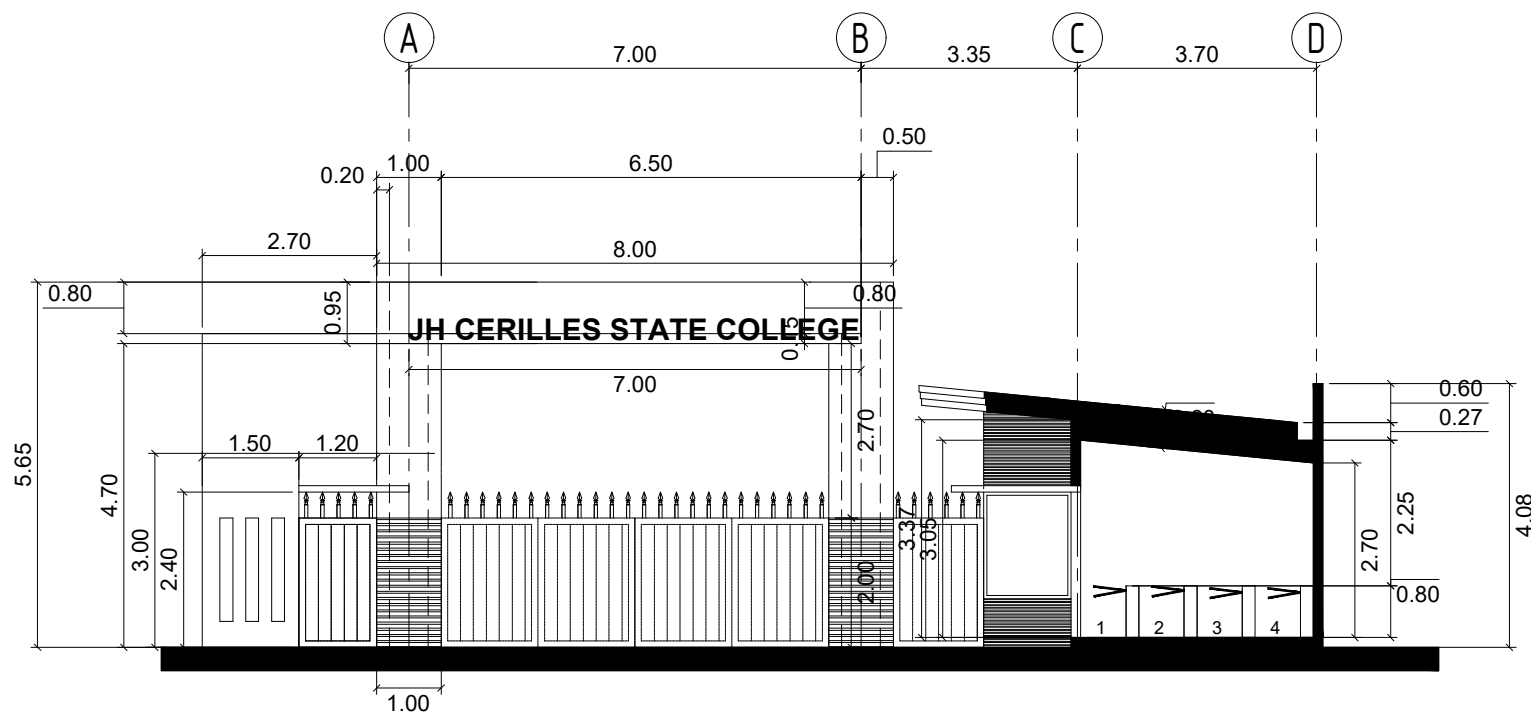


1 FLOOR LAYOUT PLAN
 A-2 SCALE 1:100M

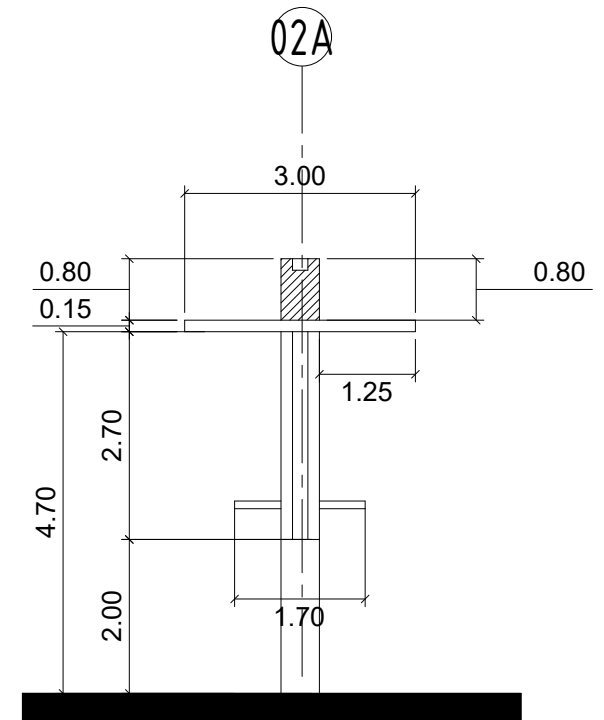
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|  | PROJECT TITLE : CONSTRUCTION OF JHSC MAIN CAMPUS ENTRANCE GATE LOCATION : MATI, SAN MIGUEL, ZAMBOANGA DEL SUR | PREPARED BY:  AIVY B. GAPOL, CE ENGINEERING ASSISTANT | CHECKED & SUBMITTED BY:  PANGASIAN B. MAMINTAS, CE COLLEGE ENGINEER | RECOMMENDING APPROVAL:  RODRIGO P. MILLARES, JR., REE., EnP. PLANNING AND DEVELOPMENT DIRECTOR | APPROVED:  FREDDIE T. BERNAL, Ph.D., CESO III OIC - JHSC PRESIDENT | SHEET CONTENT: AS SHOWN | SHEET NO.: A-2 26 |
|--|--|---|--|---|---|----------------------------|---------------------------------------|



1 FRONT ELEVATION
A-3 SCALE 1:100M



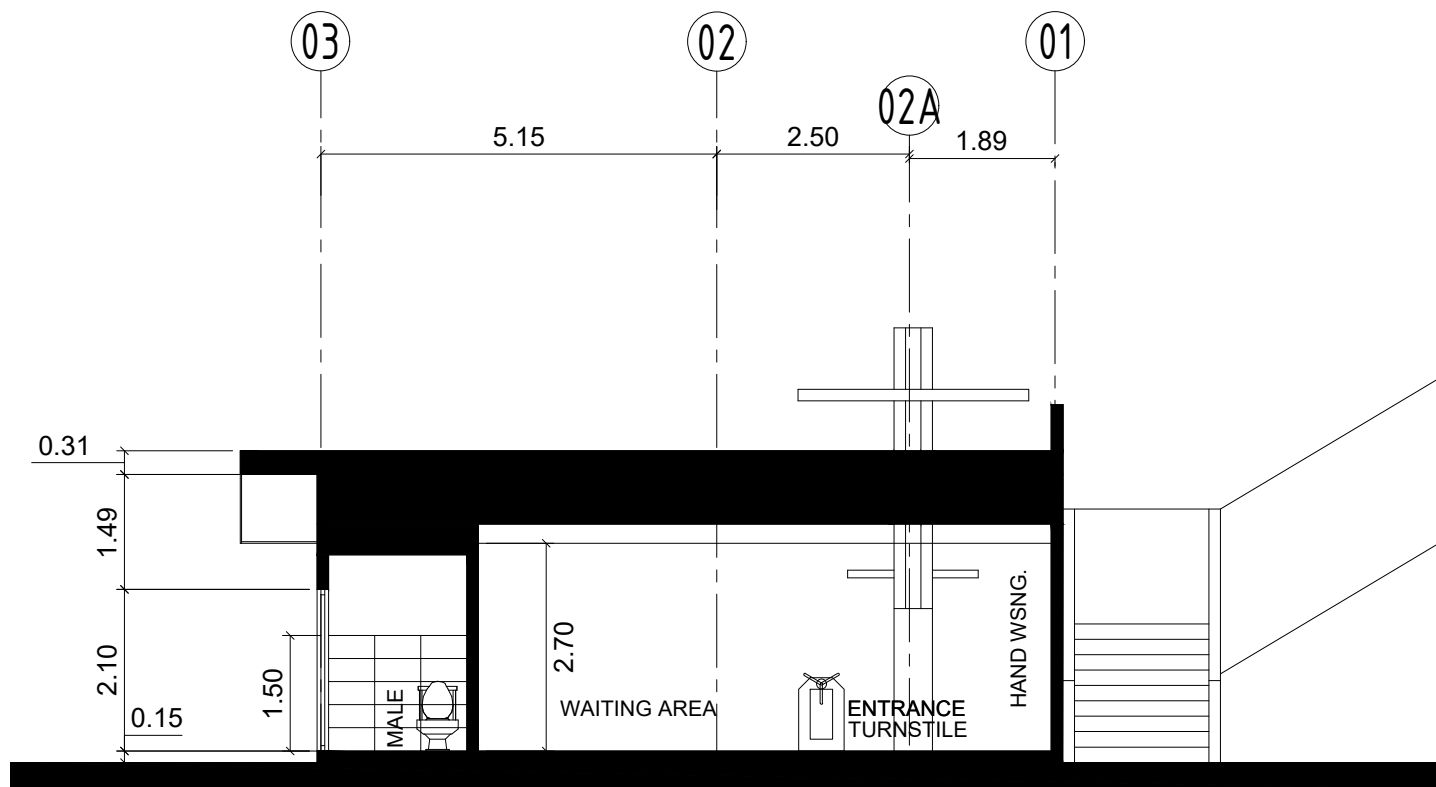
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A-3 SCALE 1:100M



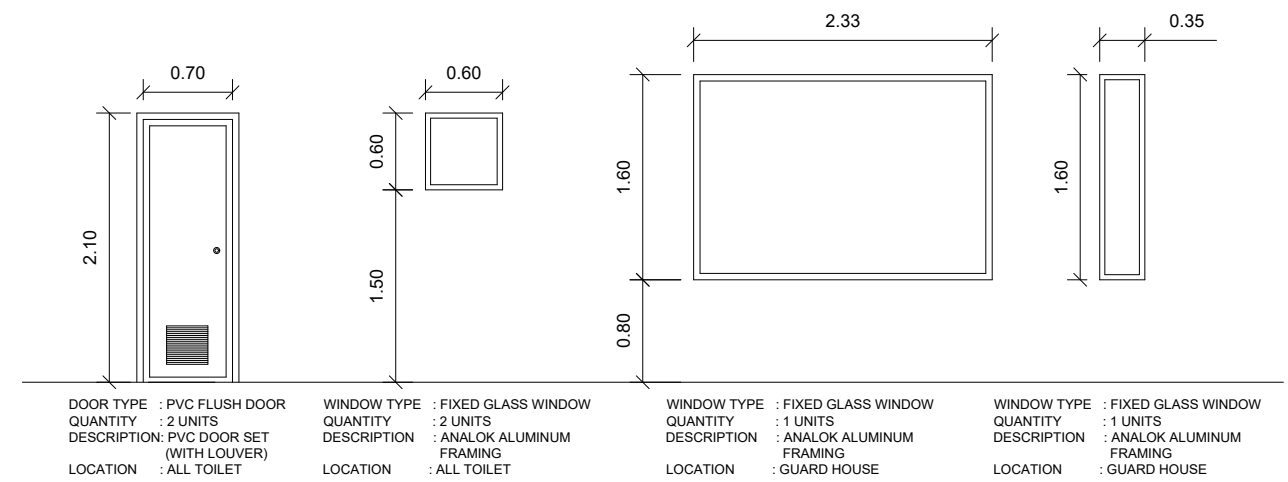
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A-3 SCALE 1:100M




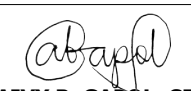
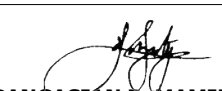
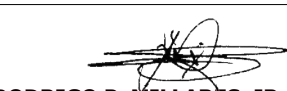
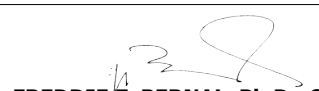
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|---|--|---|--|---|----------------------------|---------------------------------------|
| PROJECT TITLE : CONSTRUCTION OF JHCSC MAIN CAMPUS ENTRANCE GATE | PREPARED BY: <i>abapol</i> AIVY B. GAPOL, CE ENGINEERING ASSISTANT | CHECKED & SUBMITTED BY: <i>[Signature]</i> PANGASIAN B. MAMINTAS, CE COLLEGE ENGINEER | RECOMMENDING APPROVAL: <i>[Signature]</i> RODRIGO P. MILLARES, JR., REE., EnP. PLANNING AND DEVELOPMENT DIRECTOR | APPROVED: <i>[Signature]</i> FREDDIE T. BERNAL, Ph.D., CESO III OIC - JHCSC PRESIDENT | SHEET CONTENT: AS SHOWN | SHEET NO.: A-3 36 |
| LOCATION : MATI, SAN MIGUEL, ZAMBOANGA DEL SUR | DATE : | DATE : | DATE : | DATE : | | |

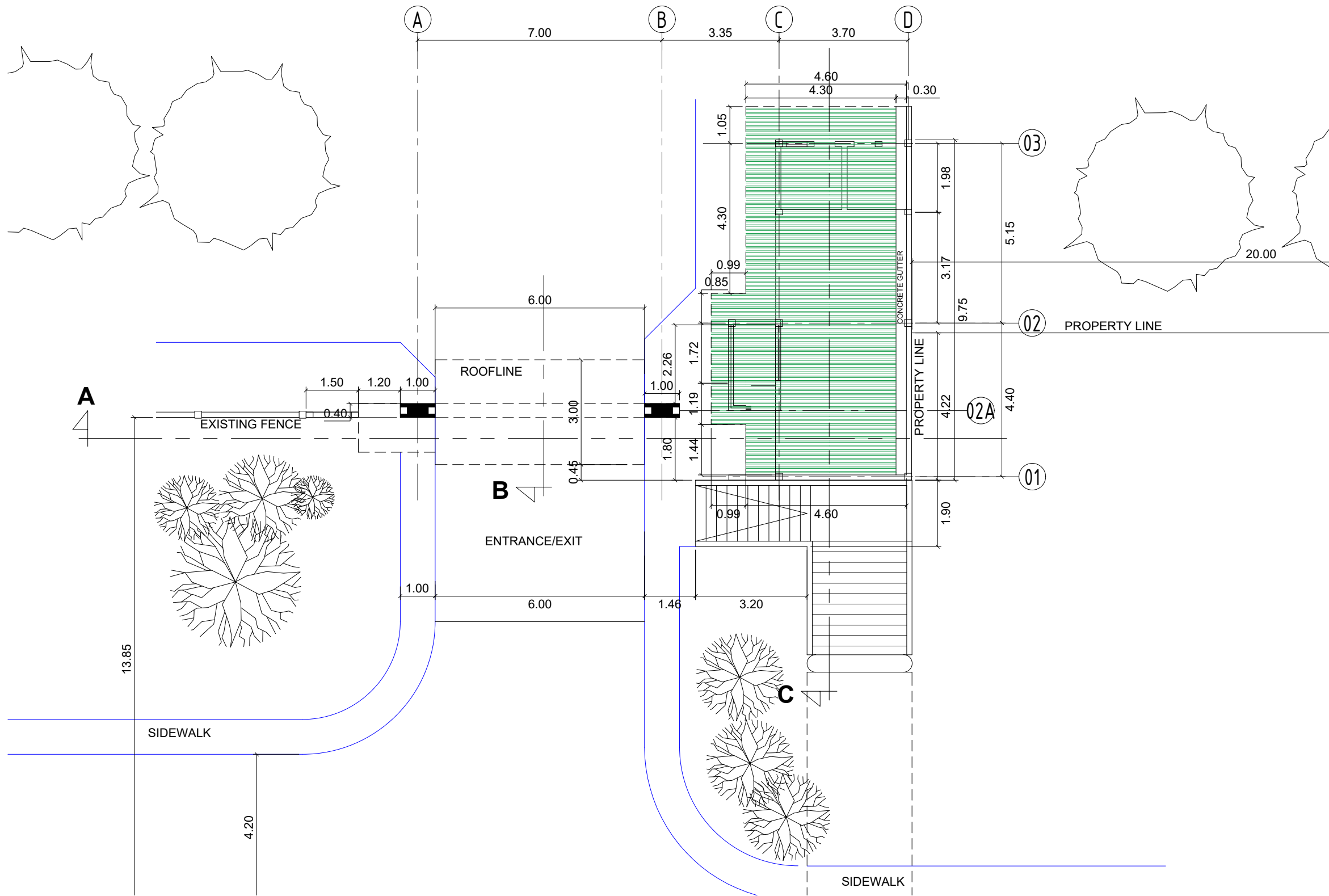


1 SECTION THRU - C
A-4 SCALE 1:100M




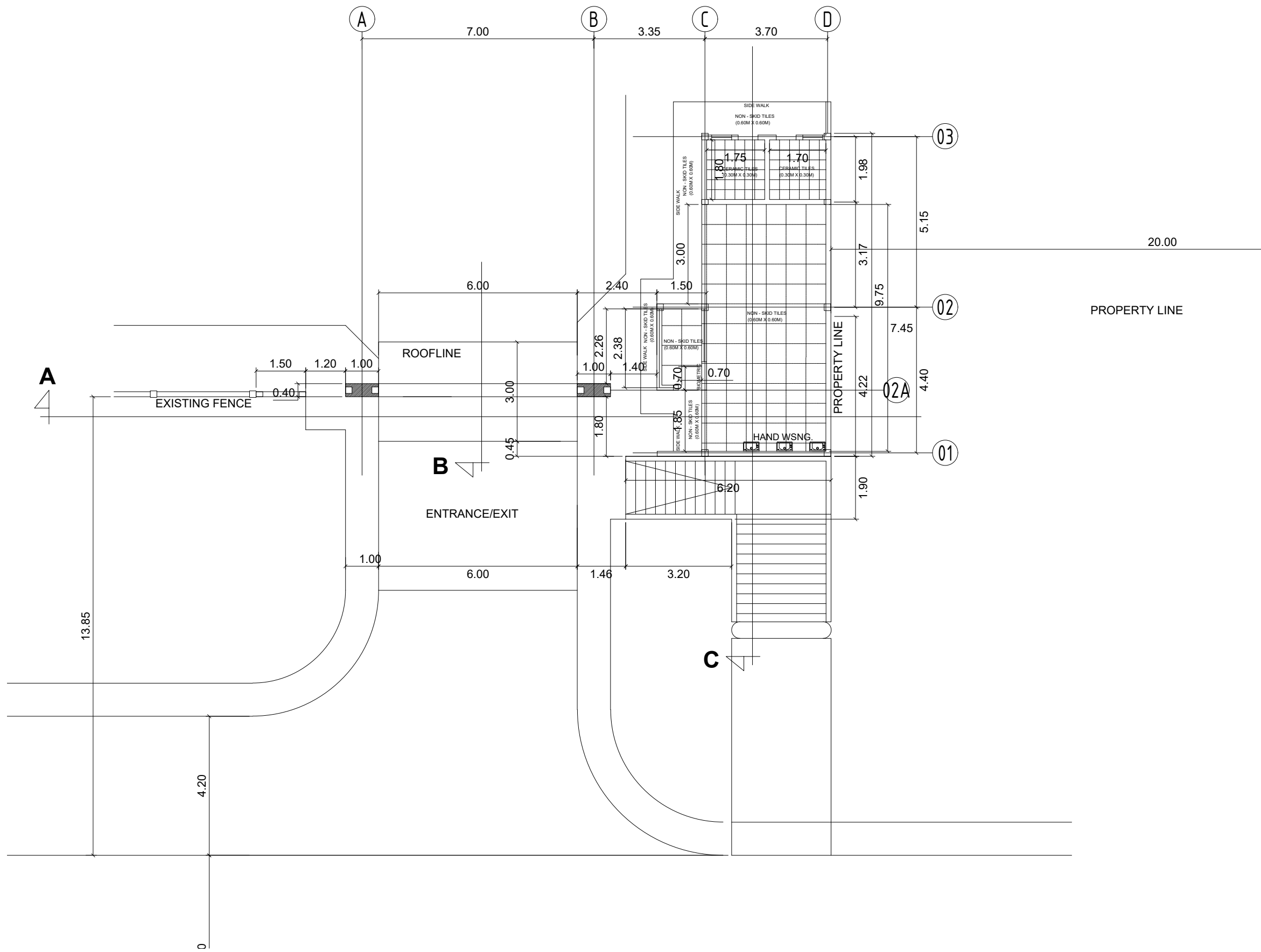
2 DOOR & WINDOW DETAIL
A-4 SCALE 1:60M

| | | | | | | | |
|--|--|--|--|--|---|----------------|-------------------------|
|  | PROJECT TITLE : | PREPARED BY: | CHECKED & SUBMITTED BY: | RECOMMENDING APPROVAL: | APPROVED: | SHEET CONTENT: | SHEET NO: |
| | CONSTRUCTION OF JHCS MAIN CAMPUS ENTRANCE GATE <small>LOCATION : MATI, SAN MIGUEL, ZAMBOANGA DEL SUR</small> |  AIVY B. GAPOL, CE <small>ENGINEERING ASSISTANT</small> |  PANGASIAN B. MAMINTAS, CE <small>COLLEGE ENGINEER</small> |  RODRIGO P. MILLARES, JR., REE., EnP. <small>PLANNING AND DEVELOPMENT DIRECTOR</small> |  FREDDIE T. BERNAL, Ph.D., CESO III <small>OIC - JHCS PRESIDENT</small> | AS SHOWN | A-4 46 |
| | LOCATION : MATI, SAN MIGUEL, ZAMBOANGA DEL SUR | DATE : | DATE : | DATE : | DATE : | | |


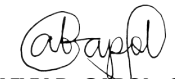
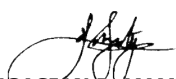




1 **ROOF PLAN**
A-5 SCALE 1:125M

| | | | | | | | |
|--|---|--|---|--|---|------------------------------------|----------------------------------|
|  | <p>PROJECT TITLE : CONSTRUCTION OF JHSCS MAIN CAMPUS ENTRANCE GATE</p> <p>LOCATION : MATI, SAN MIGUEL, ZAMBOANGA DEL SUR</p> | <p>PREPARED BY: <i>abapol</i> AIVY B. GAPOL, CE ENGINEERING ASSISTANT</p> | <p>CHECKED & SUBMITTED BY: <i>[Signature]</i> PANGASIAN B. MAMINTAS, CE COLLEGE ENGINEER</p> | <p>RECOMMENDING APPROVAL: <i>[Signature]</i> RODRIGO P. MILLARES, JR., REE., EnP. PLANNING AND DEVELOPMENT DIRECTOR</p> | <p>APPROVED: <i>[Signature]</i> FREDDIE T. BERNAL, Ph.D., CESO III OIC - JHSCS PRESIDENT</p> | <p>SHEET CONTENT: AS SHOWN</p> | <p>SHEET NO: A-5 5 6</p> |
|--|---|--|---|--|---|------------------------------------|----------------------------------|

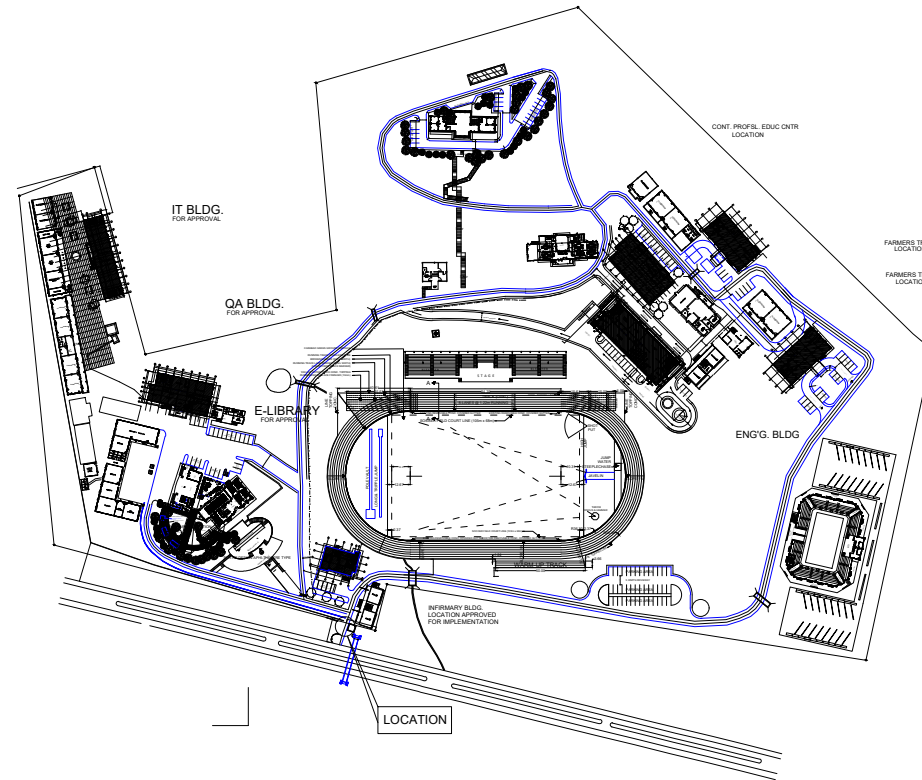


1
TILES PLAN
 A-6 SCALE 1:125M

| | | | | | | | |
|--|--|---|--|---|---|----------------------------|--|
|  | PROJECT TITLE : CONSTRUCTION OF JHSC MAIN CAMPUS ENTRANCE GATE | PREPARED BY:  AIVY B. GAPOL, CE ENGINEERING ASSISTANT | CHECKED & SUBMITTED BY:  PANGASIAN B. MAMINTAS, CE COLLEGE ENGINEER | RECOMMENDING APPROVAL:  RODRIGO P. MILLARES, JR., REE., EnP. PLANNING AND DEVELOPMENT DIRECTOR | APPROVED:  FREDDIE T. BERNAL, Ph.D., CESO III OIC - JHSC PRESIDENT | SHEET CONTENT: AS SHOWN | SHEET NO.: <div style="border: 1px solid black; border-radius: 50%; padding: 5px; text-align: center;"> A-6 6 6 </div> |
| LOCATION : MATI, SAN MIGUEL, ZAMBOANGA DEL SUR | | DATE : | | DATE : | | DATE : | |

GENERAL NOTES :

1. ALL ELECTRICAL WORKS SHALL COMPLY WITH THESE PLANS AND SPECIFICATIONS. THE APPLICABLE PROVISIONS OF THE LATEST EDITION OF THE PHILIPPINE ELECTRICAL CODE (PEC), THE RULES AND REGULATIONS OF THE LOCAL ENFORCING AUTHORITY AND THE REQUIREMENTS OF THE LOCAL POWER COMPANY.
2. THE ELECTRICAL SERVICE POWER SHALL BE 1-PHASE, 2-WIRE, 230V AC, 60Hz.
3. WIRING METHOD SHALL BE AS FOLLOWS:
RIGID STEEL CONDUIT OR POLYVINYL CHLORIDE CONDUIT SCHEDULE 40 SHALL BE USED AS SPECIFIED IN THE PLAN.
4. ALL WIRES SHALL BE COPPER AND THERMOPLASTIC INSULATED TYPE "THHN" UNLESS OTHERWISE INDICATED IN THE PLAN. THE MINIMUM SIZE WIRE FOR POWER AND LIGHTING CIRCUIT
5. ALL OUTLET BOXES SHALL BE GALVANIZED GAGE NO. 16 DEEP TYPE.
6. ALL MATERIALS TO BE USED SHALL BE BRAND NEW AND APPROVED FOR THE PARTICULAR LOCATION AND USAGE.
7. EQUIPMENT GROUNDING SYSTEM SHALL BE PROVIDED TO THE ELECTRICAL SYSTEM AS PER PHILIPPINE ELECTRICAL CODE REQUIREMENT.
8. MOUNTING HEIGHT OF WIRING DEVICES SHALL BE AS FOLLOWS:
a. LIGHT SWITCH - 1.20M ABOVE FINISH FLOOR
b. CONVENIENCE OUTLET - 0.3M ABOVE FINISH FLOOR
9. ALL ELECTRICAL WORKS SHALL BE DONE UNDER THE DIRECT AND IMMEDIATE SUPERVISION OF A DULY REGISTERED ELECTRICAL ENGINEER.



1
E-1 SCALE NTS

LEGEND

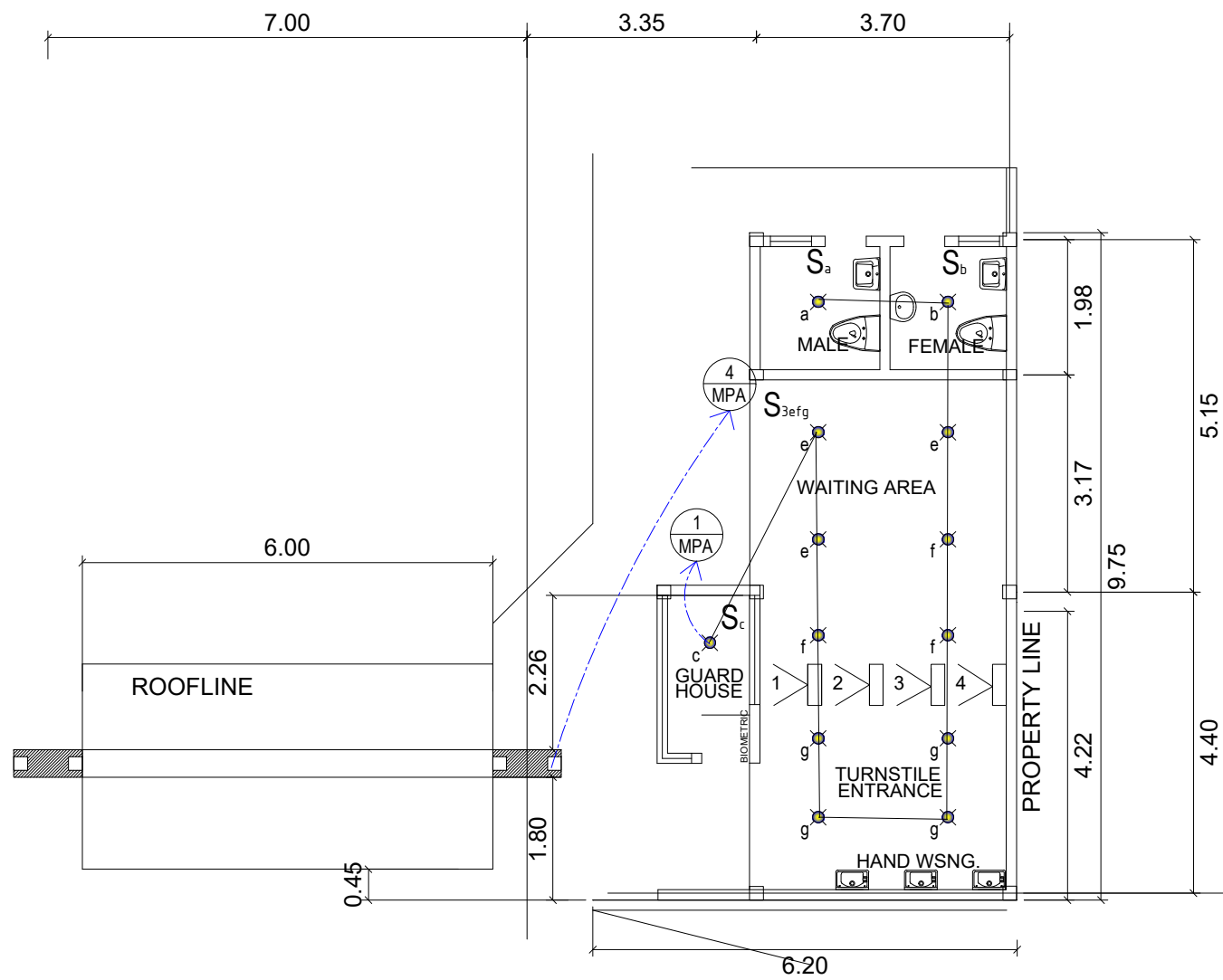
| SYMBOL | DESCRIPTION |
|--------|--|
| | 1-18 WATTS COMPACT FLUORESCENT LAMP WITH MEDIUM BASE, KEYLESS TYPE PORCELAIN RECEPTACLE |
| | 3-BULB, 200 WATTS PENDANT LIGHT |
| | 1 x 36 WATTS FLUORESCENT LIGHTING FIXTURE, BOX TYPE |
| | 2 x 36 WATTS FLUORESCENT LIGHTING FIXTURE, BOX TYPE WITH CANOPY BASE AND STEM 1.5 FT. (450mm) LENGTH SIMILAR TO AMCO AP-1113-1.5 OR APPROVED EQUAL |
| | 2 x 36 WATTS FLUORESCENT LIGHTING FIXTURE, BOX TYPE |
| | WALL FAN OUTLET |
| | SINGLE POLE WALL SWITCH |
| | DUPLEX SWITCH, 2 SINGLE POLE SWITCHES ON ONE-GANG SWITCH PLATE |
| | THREE WAY WALL SWITCH |
| | FAN CONTROL SWITCH |
| | RACEWAY CONDUIT CONCEALED IN CEILING |
| | RACEWAY CONDUIT CONCEALED UNDER FLOOR |
| | PANELBOARD, MARKED AS "LP" |
| | CKT. BREAKER, RATING AS INDICATED |
| | DUPLEX CONVENIENCE OUTLET, GROUNDING TYPE 15 AMPS, 240 VOLT |
| | WEATHERPROOF DUPLEX CONVENIENCE OUTLET, GROUNDING TYPE, 15 AMPS, 240 VOLT |
| | CIRCUIT HOMERUN |
| | ENCLOSED AIR CIRCUIT BREAKER |
| | FIRE ALARM CONTROL PANEL |
| | FIRE ALARM STATION OUTLET |
| | FIRE ALARM BELL |
| | SERVICE METER |
| | SERVICE ENTRANCE |
| | MAIN DISTRIBUTION PANELBOARD |

PANELBOARD: MDP FLUSH MOUNTED, NEMA 1 ENCLOSURE WITH GROUND TERMINAL

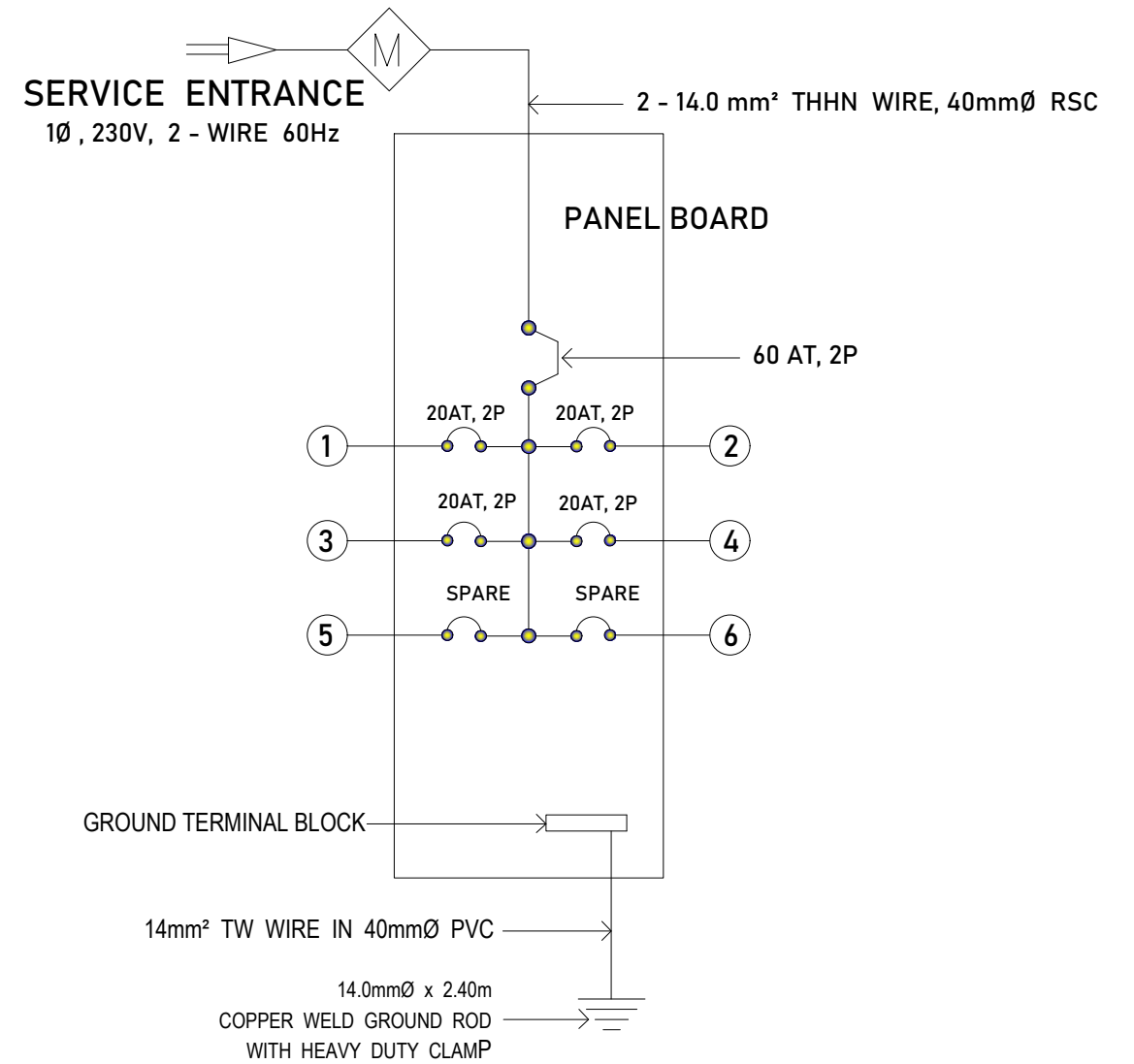
| CKT. NO. | LOAD DESCRIPTION | VA LOAD | CIRCUIT LOAD | | | | | WIRE & CONDUIT SIZE |
|------------------------|--|-----------------|--|------|----|-----|------|--|
| | | | VOLT | POLE | AT | AF | kAIC | |
| 1 | RECESSED PIN LIGHT (13*40W) | 520 | 230 | 2 | 20 | 100 | 10 | 2 - 2.0mm ² THHN WIRE, 12.7mmØ PVC + 1 - 2.0mm ² THHN WIRE, 12.7mmØ PVC |
| 2 | 5 CONVENIENCE OUTLETS (180*5) | 900 | 230 | 2 | 20 | 100 | 10 | 2 - 2.0mm ² THHN WIRE, 12.7mmØ PVC + 1 - 2.0mm ² THHN WIRE, 12.7mmØ PVC |
| 3 | 5 GATE ACCESS SYSTEM AND RFID BARRIER GATE (180*5) | 900 | 230 | 2 | 20 | 100 | 10 | 2 - 2.0mm ² THHN WIRE, 12.7mmØ PVC + 1 - 2.0mm ² THHN WIRE, 12.7mmØ PVC |
| 4 | STREET LIGHT AND PANAFLEX LIGHT (180*5) | 900 | 230 | 2 | 20 | 100 | 10 | 2 - 2.0mm ² THHN WIRE, 12.7mmØ PVC + 1 - 2.0mm ² THHN WIRE, 12.7mmØ PVC |
| 5 | SPARE | | | | | | | |
| 6 | SPARE | | | | | | | |
| TOTAL | | 3220 | MAIN = 60 AT, 2P, 240V, 10kAIC | | | | | |
| TOTAL CONNECTED LOADS: | | $I_L @ 80\% DF$ | $I_L = \frac{3220}{230} \cdot 0.80 = 11.2 \text{ AMPERES}$ | | | | | |



| | | | | | | |
|---|---|---|---|---|-----------------------------------|--|
| PROJECT TITLE : CONSTRUCTION OF JHSCS MAIN CAMPUS ENTRANCE GATE | PREPARED BY: KENAN B. SAMSON, MSEE ELECTRICAL ENGINEER | CHECKED & SUBMITTED BY: PANGASIAN B. MAMINTAS, CE COLLEGE ENGINEER | RECOMMENDING APPROVAL: RODRIGO P. MILLARES JR., REE., ENP. PLANNING & DEVELOPMENT DIRECTOR | APPROVED: FREDDIE T. BERNAL, Ph.D., CESO III OIC - JHSCS PRESIDENT | SHEET CONTENT: AS SHOWN | SHEET NO.: E-1 1 3 |
| LOCATION : MATI, SAN MIGUEL, ZAMBONGA DEL SUR | DATE : | DATE : | DATE : | DATE : | | |

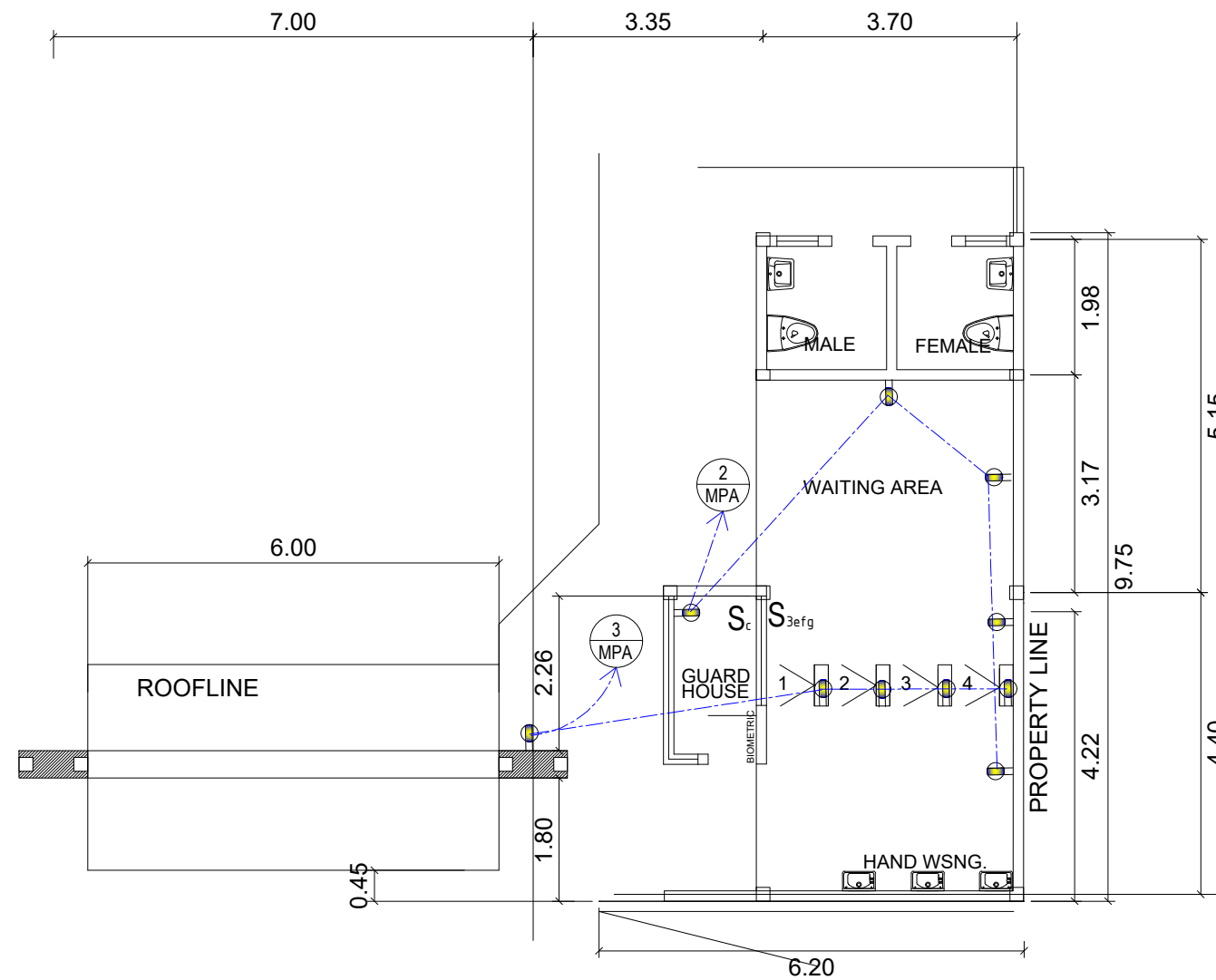


1 LIGHTING LAY -OUT
 E-2 SCALE 1:100M



3 PANEL BOARD DIAGRAM
 EE-2 NOT TO SCALE

| | | | | | | | |
|--|--|--|---|--|---|----------------|--|
| | PROJECT TITLE : | PREPARED BY: | CHECKED & SUBMITTED BY: | RECOMMENDING APPROVAL: | APPROVED: | SHEET CONTENT: | SHEET NO.: |
| | CONSTRUCTION OF JHCSC MAIN CAMPUS ENTRANCE GATE <small>LOCATION : MATI, SAN MIGUEL, ZAMBONGA DEL SUR</small> | KENAN B. SAMSON, MSEE <small>ELECTRICAL ENGINEER</small> | PANGASIAN B. MAMINTAS, CE <small>COLLEGE ENGINEER</small> | RODRIGO P. MILLARES JR., REE., ENP. <small>PLANNING & DEVELOPMENT DIRECTOR</small> | FREDDIE T. BERNAL, Ph.D., CESO III <small>OIC - JHCSC PRESIDENT</small> | AS SHOWN | <div style="border: 1px solid black; border-radius: 50%; padding: 5px; text-align: center;"> E-2 2 3 </div> |
| | DATE : | DATE : | DATE : | DATE : | DATE : | | |



1
POWER LAY -OUT
 E-3 SCALE 1:100M

| | | | | | | | |
|--|---|--|--|--|--|----------------------------|--|
|  | PROJECT TITLE : CONSTRUCTION OF JHCSC MAIN CAMPUS ENTRANCE GATE | PREPARED BY:  KENAN B. SAMSON, MSEE ELECTRICAL ENGINEER | CHECKED & SUBMITTED BY:  PANGASIAN B. MAMINTAS, CE COLLEGE ENGINEER | RECOMMENDING APPROVAL:  RODRIGO P. MILLARES JR., REE., ENP. PLANNING & DEVELOPMENT DIRECTOR | APPROVED:  FREDDIE T. BERNAL, Ph.D., CESO III OIC - JHCSC PRESIDENT | SHEET CONTENT: AS SHOWN | SHEET NO.: <div style="border: 1px solid black; border-radius: 50%; padding: 5px; text-align: center;"> E-3 3 3 </div> |
| LOCATION : MATI, SAN MIGUEL, ZAMBONGA DEL SUR | | DATE : | | DATE : | | DATE : | |

DISTRICT/CITY/MUNICIPALITY

PLUMBING/SANITARY:




PLUMBING NOTES:

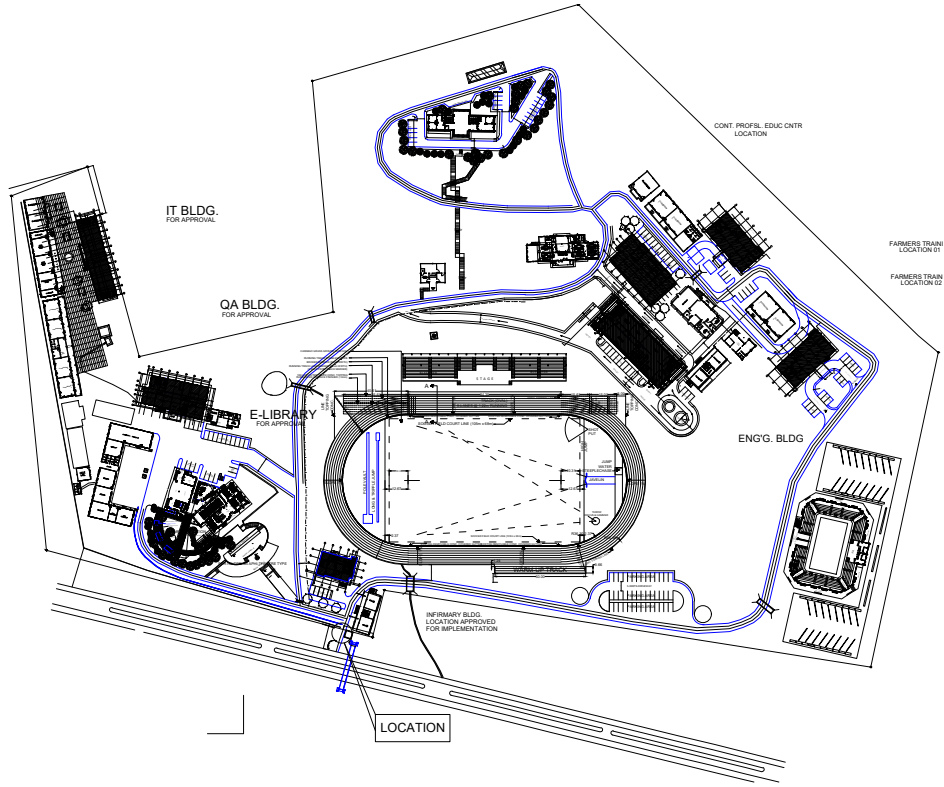
ALL PLUMBING INSTALLATION SHALL CONFORM TO THE STANDARD / RULES AND REGULATIONS OF THE NATIONAL PLUMBING CODE OF THE PHILIPPINES AND LOCAL GOVERNMENT.

ALL PLUMBING INSTALLATIONS SHALL BE UNDER THE DIRECT AND STRICT SUPERVISION OF DULY LICENSED PLUMBING ENGINEER OR REGISTERED MASTER PLUMBER.

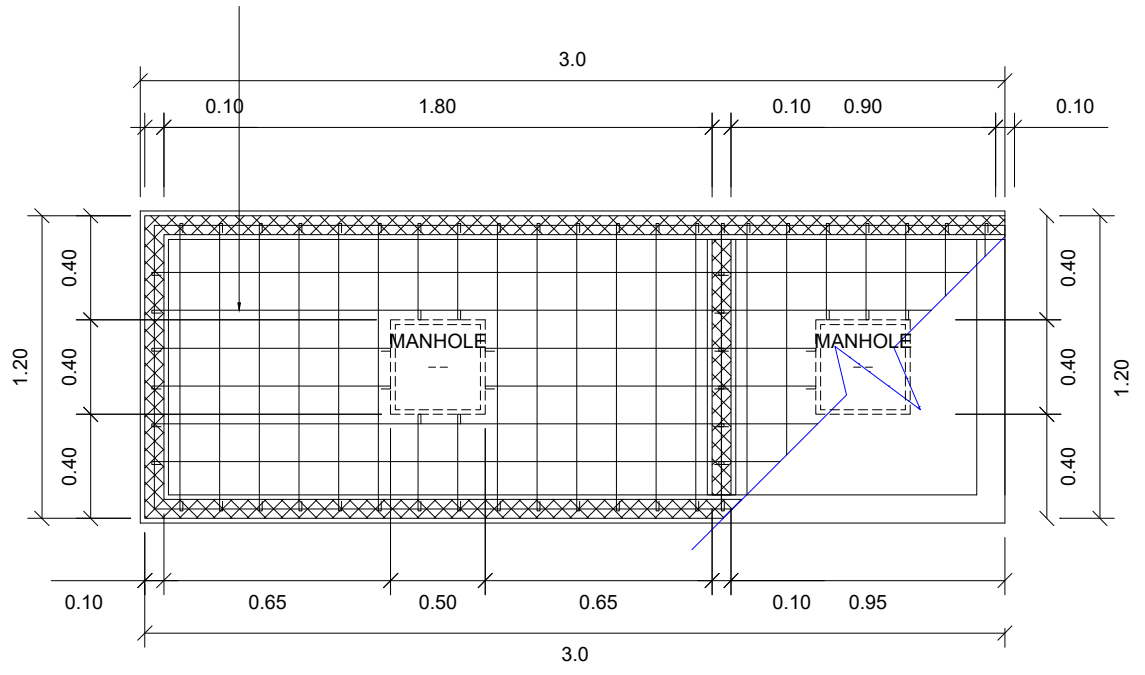
ALL SPECIFICATION ABOVE SHOULD BE STRICTLY OBSERVED.

PLUMBING SYMBOLS:

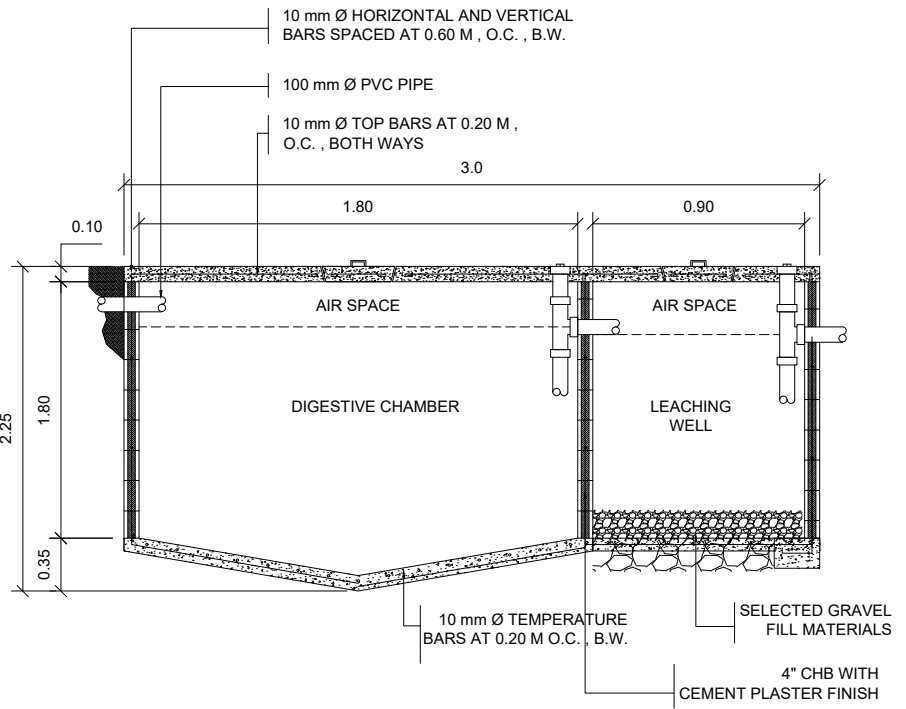
| | |
|---|---------------------------------|
| F | FAUCET |
| FD | FLOOR DRAIN |
| WC | WATER CLOSET |
| CO | CLEAN-OUT |
| DS | DOWNSPOUT |
| M | WATER METER |
| ST | SEPTIC TANK |
| MVTR | MAIN VENT THRU ROOF |
| GV | GATE VALVE |
| URI | URINAL |
| WEP | WATER ENTRANCE PIPE |
| MH | MANHOLE |
| LAV | LAVATORY |
|  | 1/2" Ø WATER LINE (G.I. PIPE) |
|  | 2" Ø MVTR & FLOOR DRAIN |
|  | 4" Ø SOIL PIPE (WASTE/SANITARY) |



1 VICINITY MAP
P-1 SCALE NTS



2 DETAIL OF SEPTIC TANK
P-1 SCALE 1:50M




3 ELEVATION OF SEPTIC TANK
P-1 SCALE 1:50M




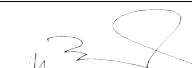
PROJECT TITLE :
CONSTRUCTION OF JHCSC MAIN CAMPUS ENTRANCE GATE
LOCATION : MATI, SAN MIGUEL, ZAMBONGA DEL SUR

PREPARED BY:

AIVY B. GAPOL, CE
ENGINEERING ASSISTANT

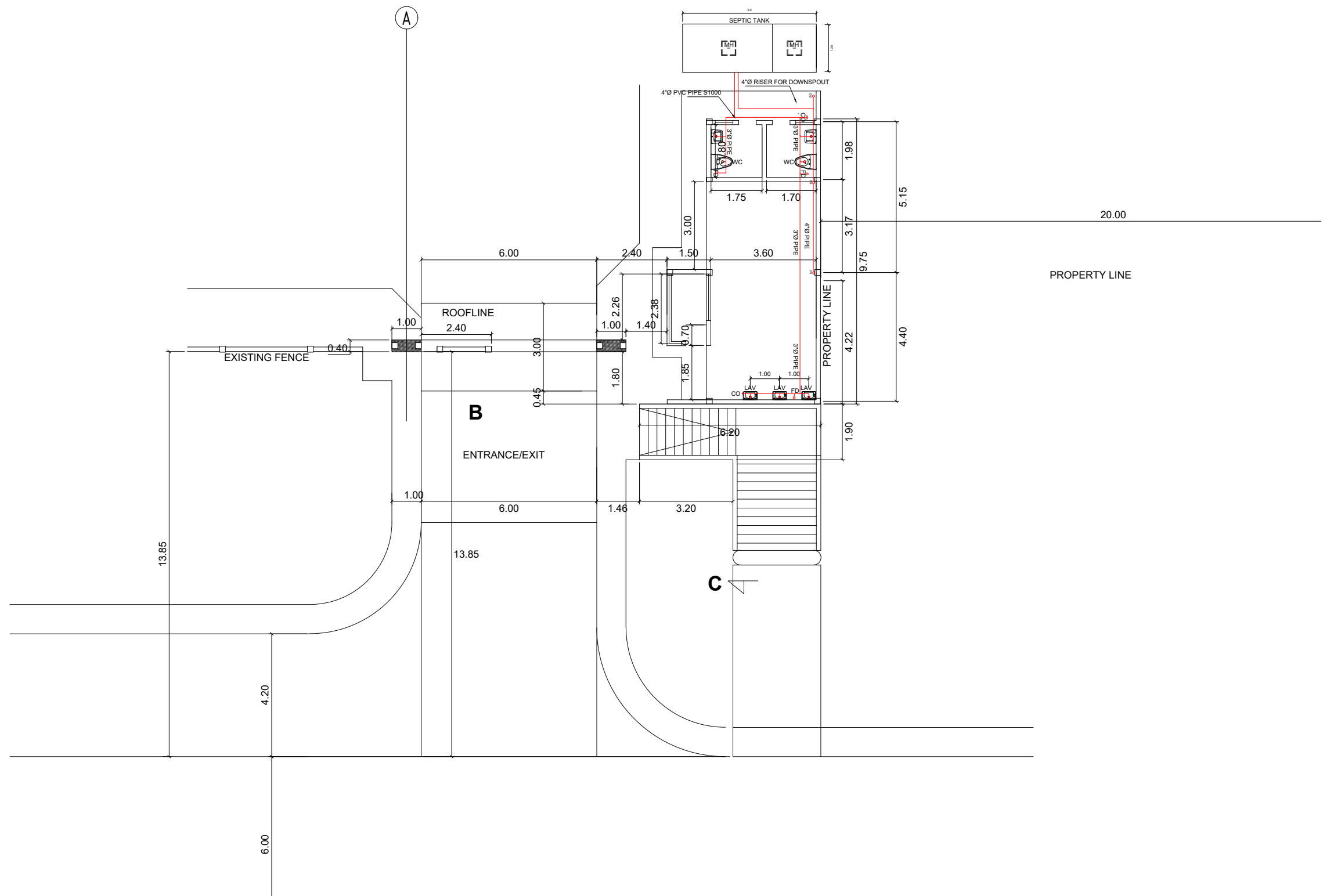
CHECKED & SUBMITTED BY:

PANGASIAN B. MAMINTAS, CE
COLLEGE ENGINEER

RECOMMENDING APPROVAL:

RODRIGO P. MILLARES JR., REE., ENP.
PLANNING & DEVELOPMENT DIRECTOR

APPROVED:

FREDDIE T. BERNAL, Ph.D., CESO III
OIC - JHCSC PRESIDENT

SHEET CONTENT:
AS SHOWN

SHEET NO.:
P-1
15



1 SANITARY LAY-OUT
 P-2 SCALE 1:150M



PROJECT TITLE :
CONSTRUCTION OF JHSC MAIN CAMPUS ENTRANCE GATE
 LOCATION : MATI, SAN MIGUEL, ZAMBONGA DEL SUR

PREPARED BY:
abapol
AIVY B. GAPOL, CE
 ENGINEERING ASSISTANT

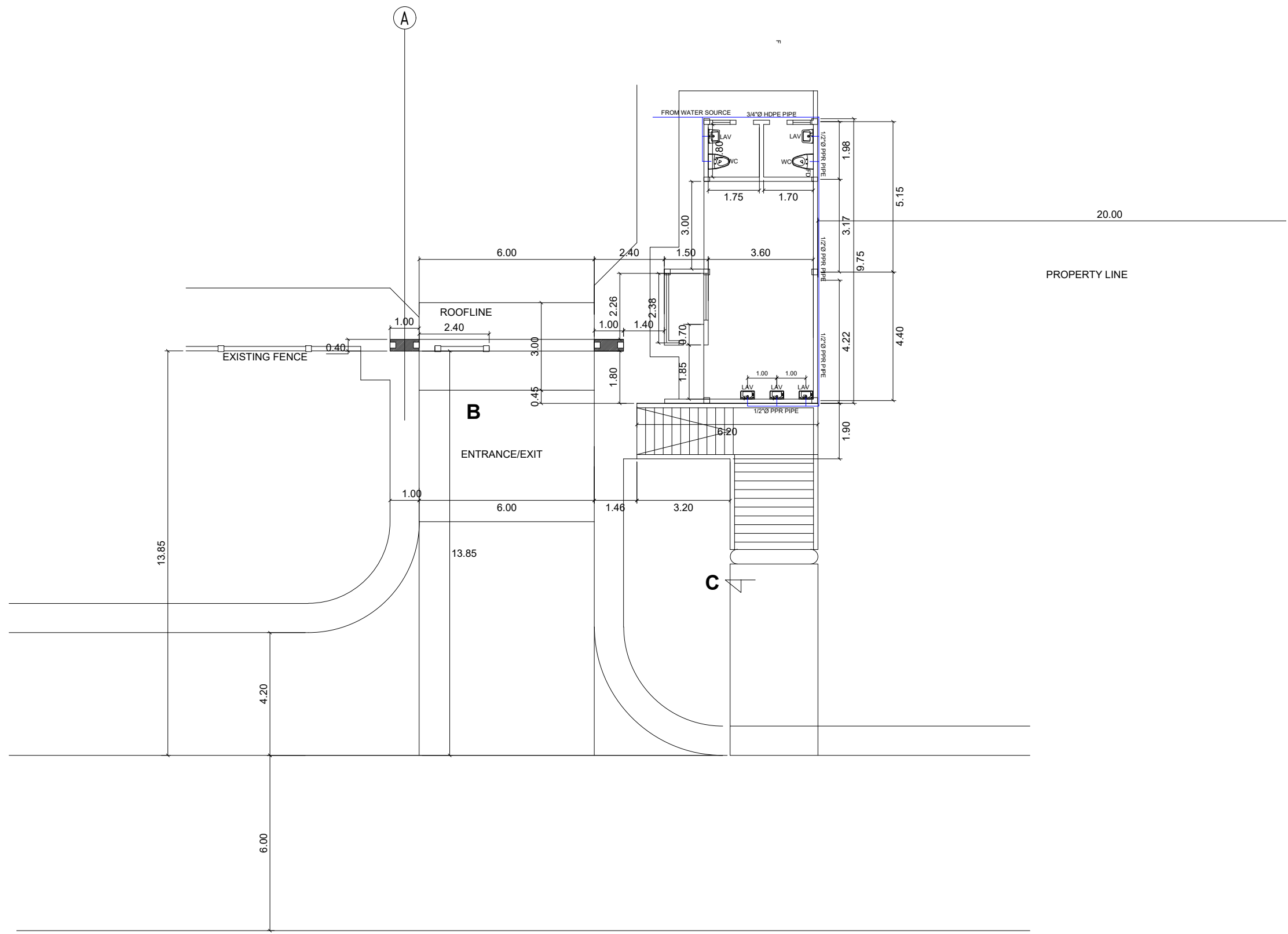
CHECKED & SUBMITTED BY:
[Signature]
PANGASIAN B. MAMINTAS, CE
 COLLEGE ENGINEER

RECOMMENDING APPROVAL:
[Signature]
RODRIGO P. MILLARES JR., REE., ENP.
 PLANNING & DEVELOPMENT DIRECTOR

APPROVED:
[Signature]
FREDDIE T. BERNAL, Ph.D., CESO III
 OIC - JHSC PRESIDENT

SHEET CONTENT:
 AS SHOWN

SHEET NO.
P-2
25




1
WATER DISTRIBUTION LAY-OUT
P-3
 SCALE 1:150M





PROJECT TITLE :
CONSTRUCTION OF JHSC MAIN CAMPUS ENTRANCE GATE
 LOCATION : MATI, SAN MIGUEL, ZAMBONGA DEL SUR

PREPARED BY:

AIVY B. GAPOL, CE
 ENGINEERING ASSISTANT

CHECKED & SUBMITTED BY:

PANGASIAN B. MAMINTAS, CE
 COLLEGE ENGINEER

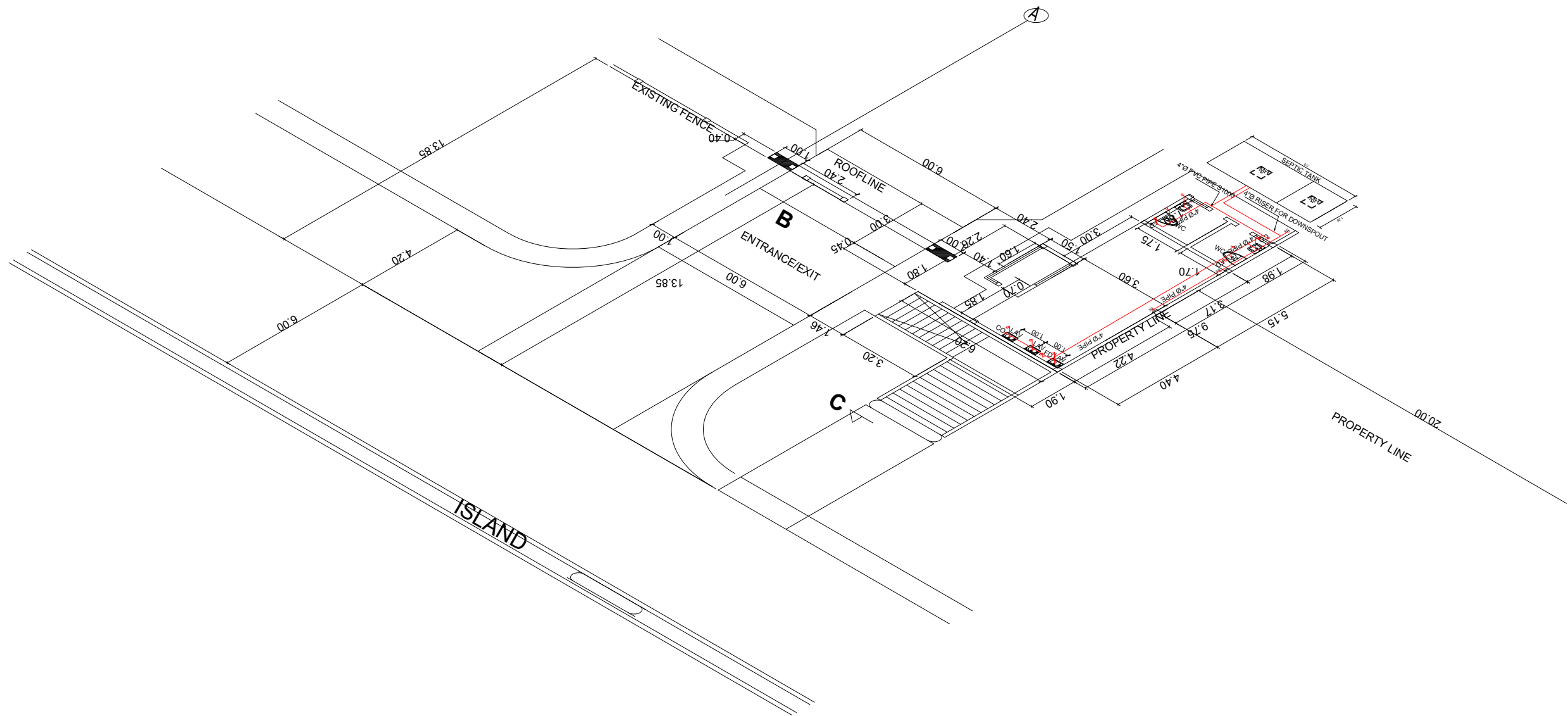
RECOMMENDING APPROVAL:

RODRIGO P. MILLARES JR., REE., ENP.
 PLANNING & DEVELOPMENT DIRECTOR

APPROVED:

FREDDIE T. BERNAL, Ph.D., CESO III
 OIC - JHSC PRESIDENT

SHEET CONTENT:
 AS SHOWN

SHEET NO.:

P-3
3 5



1 **ISOMETRIC OF SANITARY LAY-OUT**
 P-4 SCALE 1:150M



PROJECT TITLE :
CONSTRUCTION OF JHSC MAIN CAMPUS ENTRANCE GATE
 LOCATION : MATI, SAN MIGUEL, ZAMBONGA DEL SUR

PREPARED BY:

AIVY B. GAPOL, CE
 ENGINEERING ASSISTANT

CHECKED & SUBMITTED BY:

PANGASIAN B. MAMINTAS, CE
 COLLEGE ENGINEER

RECOMMENDING APPROVAL:

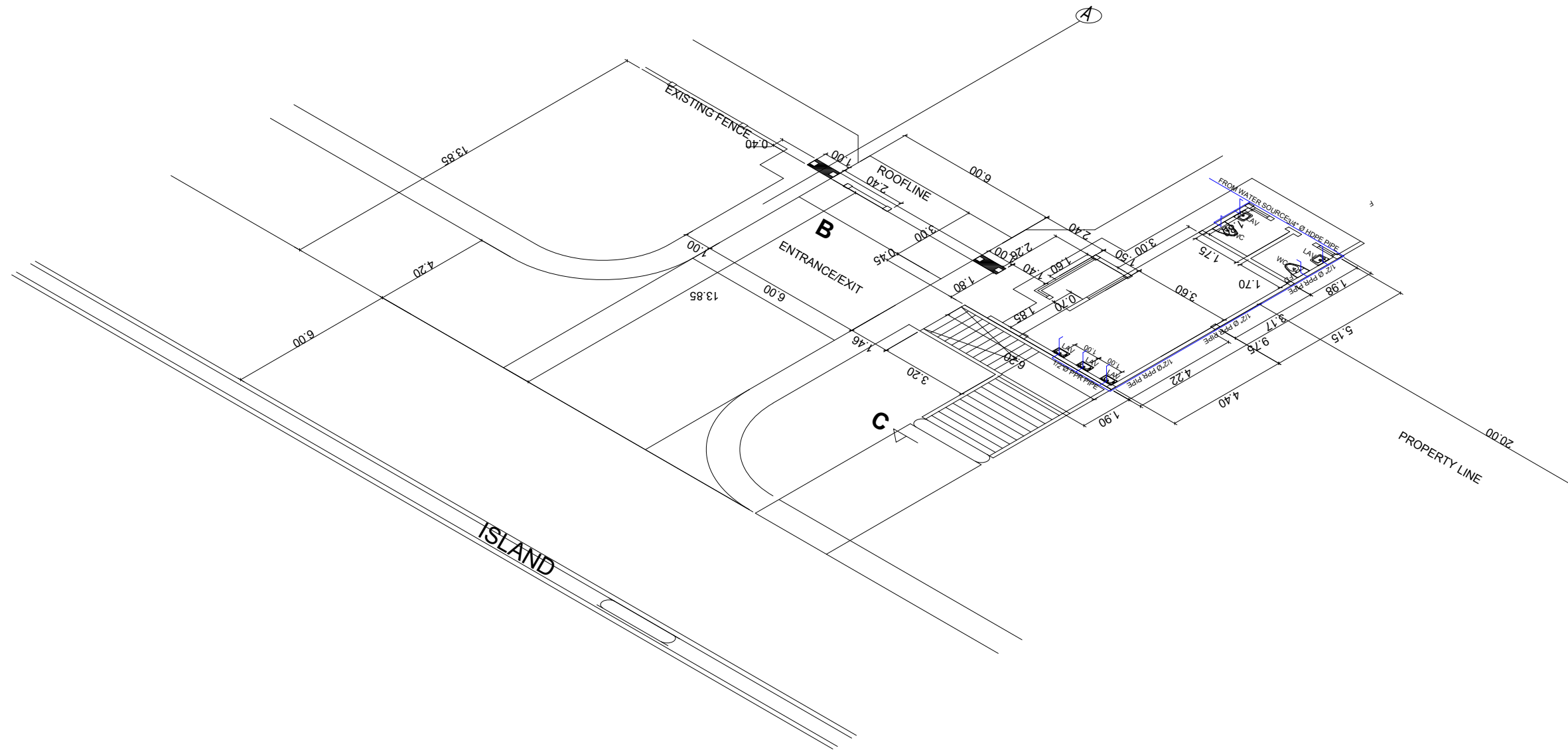
RODRIGO P. MILLARES JR., REE., ENP.
 PLANNING & DEVELOPMENT DIRECTOR

APPROVED:

FREDDIE T. BERNAL, Ph.D., CESO III
 OIC - JHSC PRESIDENT

SHEET CONTENT:
 AS SHOWN

SHEET NO.:
P-4
4 5



1 ISOMETRIC OF SANITARY LAY-OUT
 P-5 SCALE 1:150M



PROJECT TITLE :
CONSTRUCTION OF JHSC MAIN CAMPUS ENTRANCE GATE

LOCATION : MATI, SAN MIGUEL, ZAMBONGA DEL SUR

PREPARED BY:

abapol
AIVY B. GAPOL, CE
 ENGINEERING ASSISTANT

DATE :

CHECKED & SUBMITTED BY:

Pangasian B. Mamintas
PANGASIAN B. MAMINTAS, CE
 COLLEGE ENGINEER

DATE :

RECOMMENDING APPROVAL:

Rodrigo P. Millares Jr.
RODRIGO P. MILLARES JR., REE., ENP.
 PLANNING & DEVELOPMENT DIRECTOR

DATE :

APPROVED:

Freddie T. Bernal
FREDDIE T. BERNAL, Ph.D., CESO III
 OIC - JHSC PRESIDENT

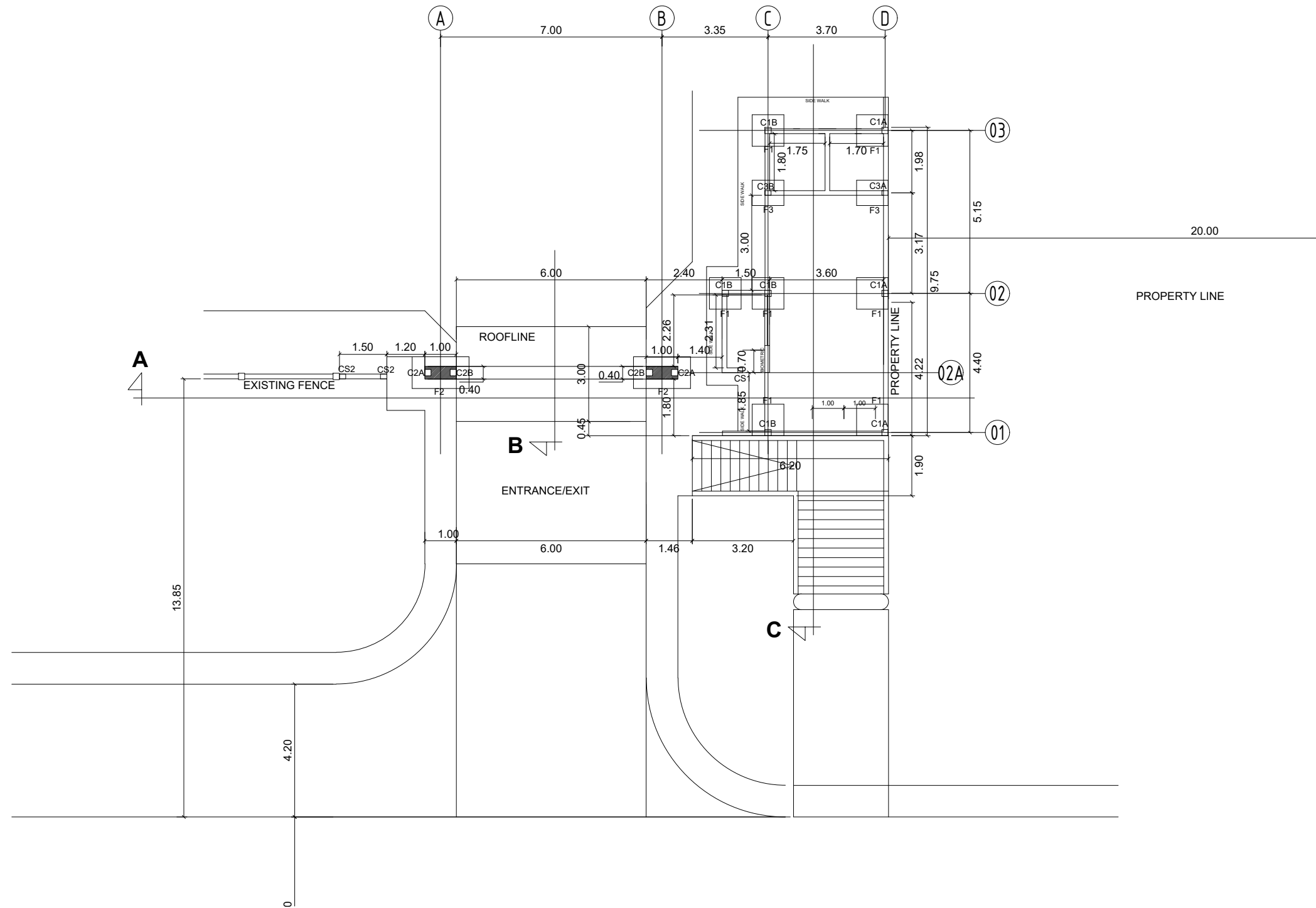
DATE :

SHEET CONTENT:

AS SHOWN

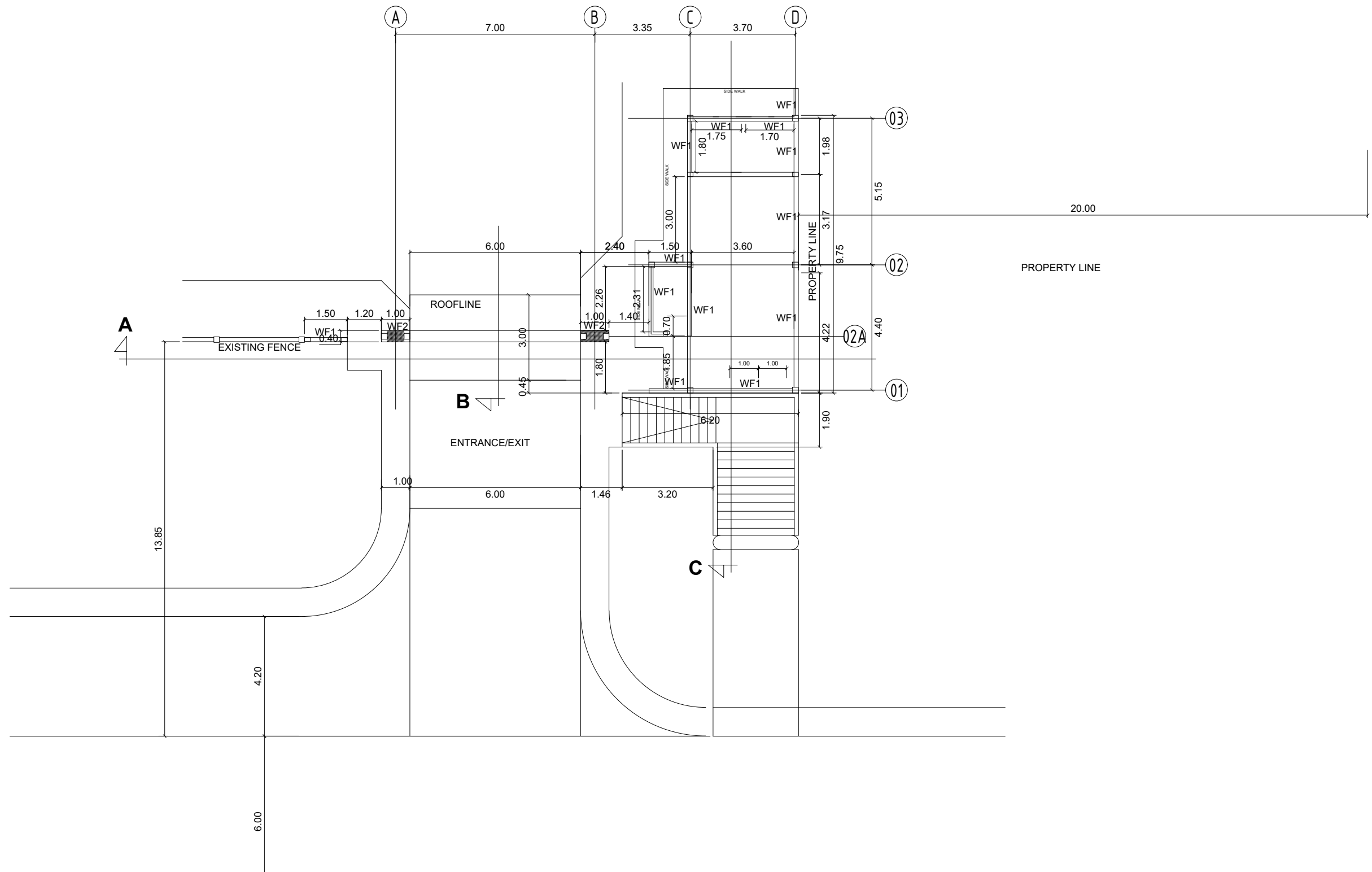
SHEET NO.:

P-5
5 5



1
FOUNDATION PLAN
S-1 SCALE 1:150M

| | | | | | | | |
|--|---|---|--|--|--|----------------------------|---|
|  | PROJECT TITLE : CONSTRUCTION OF JHCSC MAIN CAMPUS ENTRANCE GATE | PREPARED BY:  AIVY B. GAPOL, CE ENGINEERING ASSISTANT | CHECKED & SUBMITTED BY:  PANGASIAN B. MAMINTAS, CE COLLEGE ENGINEER | RECOMMENDING APPROVAL:  RODRIGO P. MILLARES JR., REE. ENP PLANNING & DEVELOPMENT DIRECTOR | APPROVED:  FREDDIE T. BERNAL, Ph.D., CESO III OIC - JHCSC PRESIDENT | SHEET CONTENT: AS SHOWN | SHEET NO.: S-1 1 14 |
| | LOCATION : MATI, SAN MIGUEL, ZAMBONGA DEL SUR | DATE : | DATE : | DATE : | DATE : | | |



1 WALL FOOTING PLAN
 S-2 SCALE 1:150M



PROJECT TITLE :
CONSTRUCTION OF JHCSC MAIN CAMPUS ENTRANCE GATE
 LOCATION : MATI, SAN MIGUEL, ZAMBONGA DEL SUR

PREPARED BY:

AIVY B. GAPOL, CE
 ENGINEERING ASSISTANT

CHECKED & SUBMITTED BY:

PANGASIAN B. MAMINTAS, CE
 COLLEGE ENGINEER

RECOMMENDING APPROVAL:

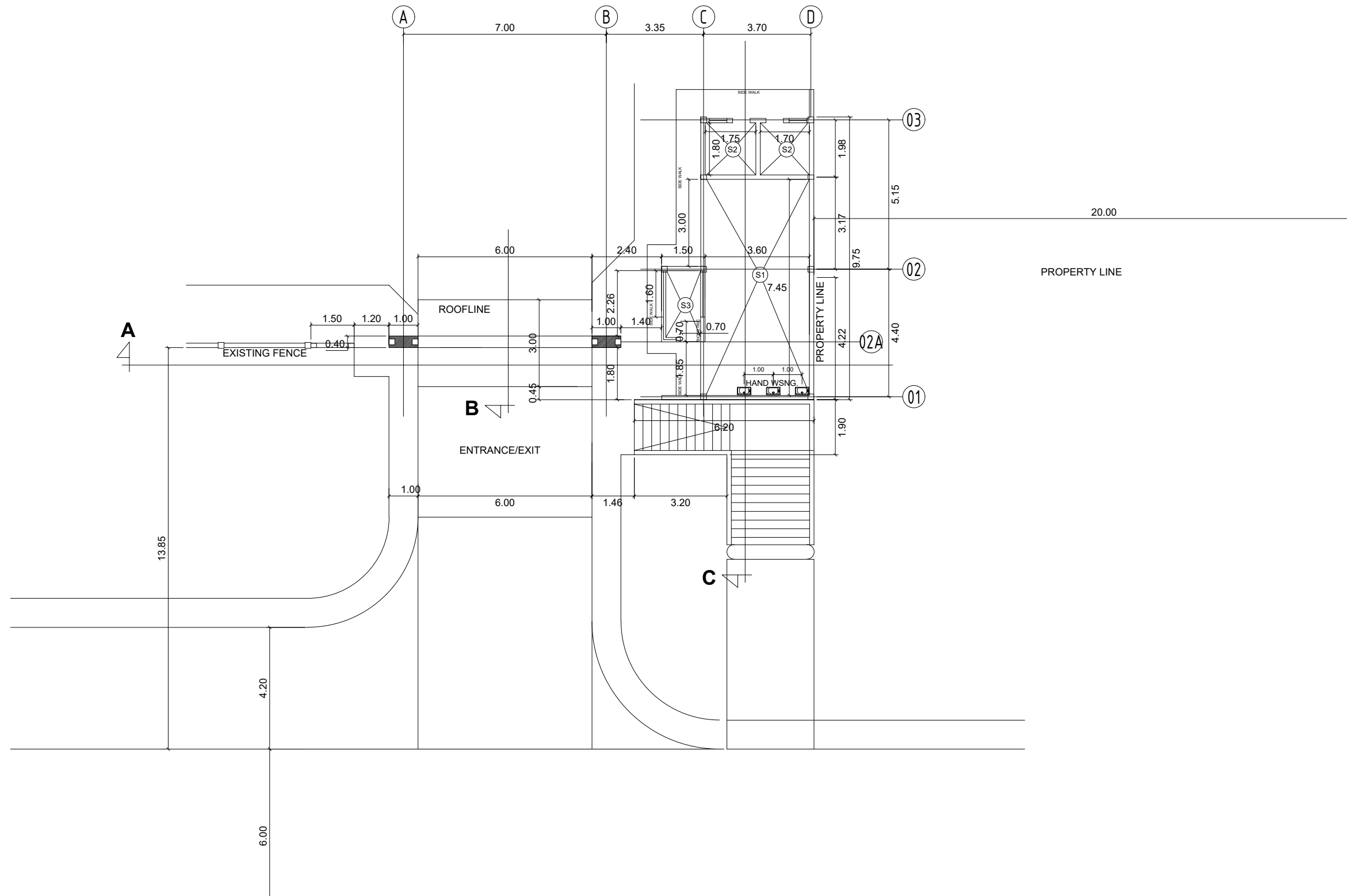
RODRIGO P. MILLARES JR., REE. ENP
 PLANNING & DEVELOPMENT DIRECTOR

APPROVED:

FREDDIE T. BERNAL, Ph.D., CESO III
 OIC - JHCSC PRESIDENT

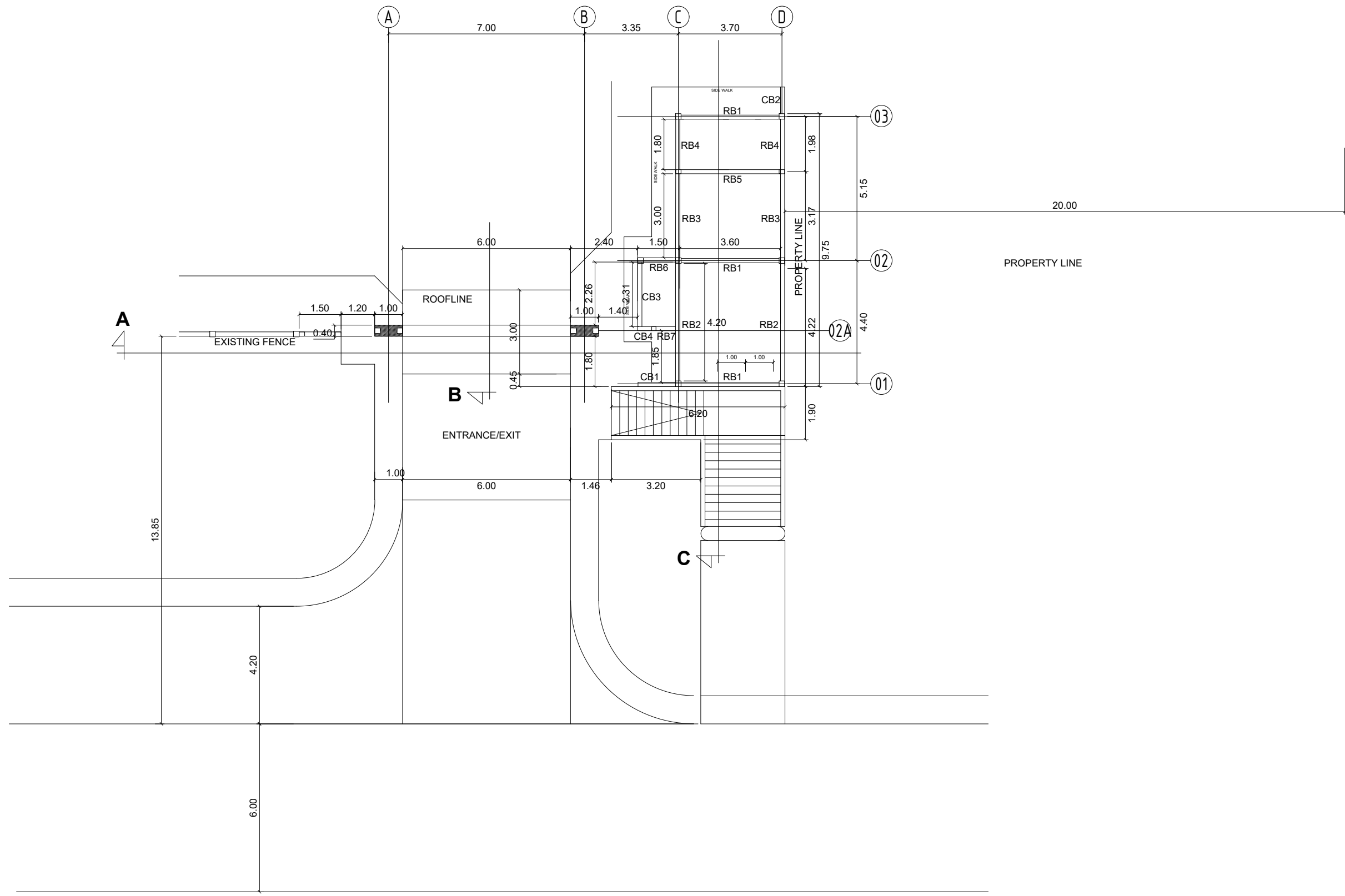
SHEET CONTENT:
 AS SHOWN

SHEET NO:
S-2
214



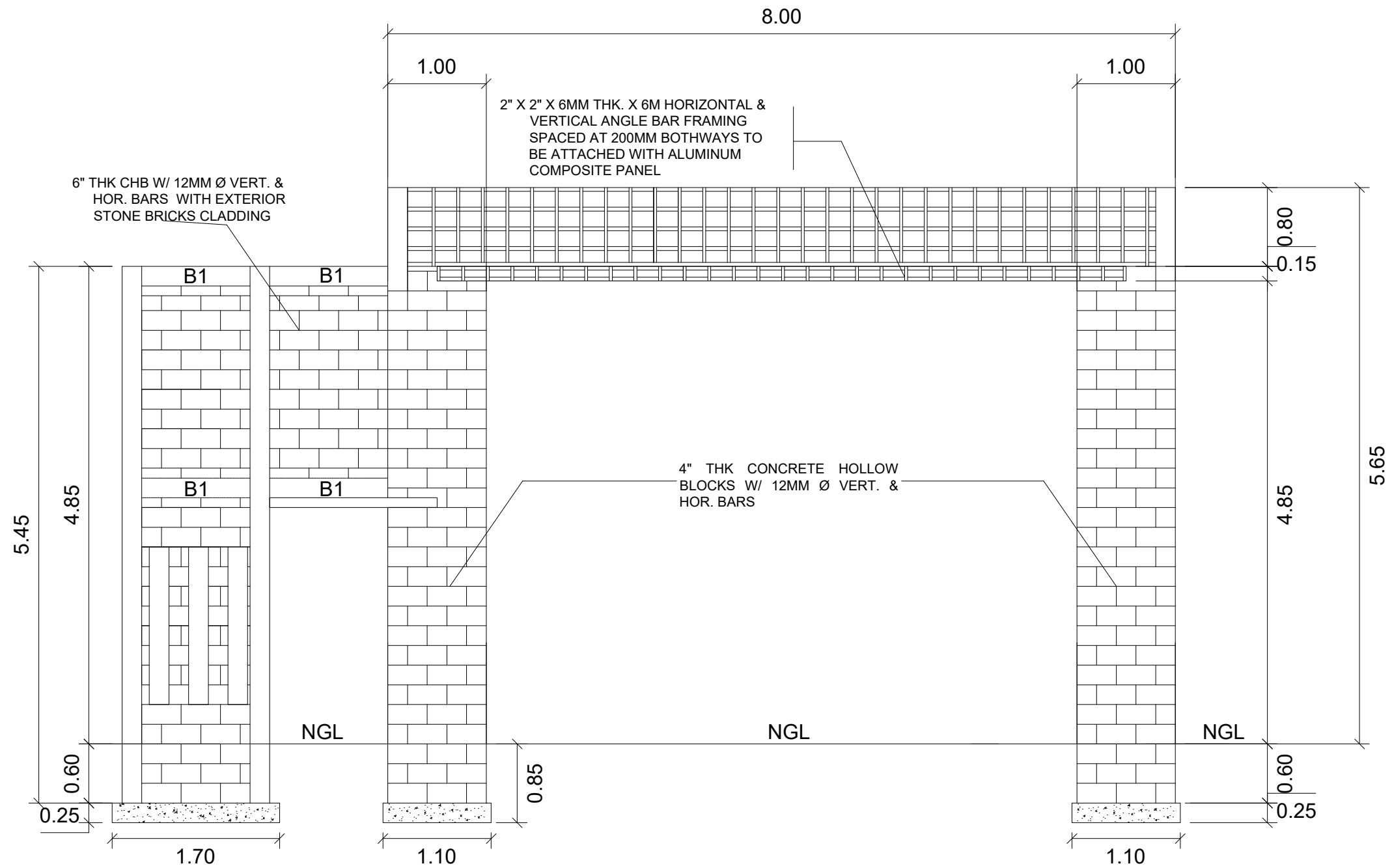
1 **GROUND FLOOR FRAMING PLAN**
 S-3 SCALE 1:150M

| | | | | | | | |
|--|--|--|--|---|--|----------------|---|
|  | PROJECT TITLE : | PREPARED BY: | CHECKED & SUBMITTED BY: | RECOMMENDING APPROVAL: | APPROVED: | SHEET CONTENT: | SHEET NO.: |
| | CONSTRUCTION OF JHCSC MAIN CAMPUS ENTRANCE GATE <small>LOCATION : MATI, SAN MIGUEL, ZAMBONGA DEL SUR</small> |  AIVY B. GAPOL, CE <small>ENGINEERING ASSISTANT</small> |  PANGASIAN B. MAMINTAS, CE <small>COLLEGE ENGINEER</small> |  RODRIGO P. MILLARES JR., REE. ENP <small>PLANNING & DEVELOPMENT DIRECTOR</small> |  FREDDIE T. BERNAL, Ph.D., CESO III <small>OIC - JHCSC PRESIDENT</small> | AS SHOWN |  |



1 ROOF BEAM PLAN
 S-4 SCALE 1:150M

| | | | | | | | |
|--|--|---|--|--|--|----------------------------|---|
|  | PROJECT TITLE : CONSTRUCTION OF JHCSC MAIN CAMPUS ENTRANCE GATE LOCATION : MATI, SAN MIGUEL, ZAMBONGA DEL SUR | PREPARED BY:  AIVY B. GAPOL, CE ENGINEERING ASSISTANT | CHECKED & SUBMITTED BY:  PANGASIAN B. MAMINTAS, CE COLLEGE ENGINEER | RECOMMENDING APPROVAL:  RODRIGO P. MILLARES JR., REE. ENP PLANNING & DEVELOPMENT DIRECTOR | APPROVED:  FREDDIE T. BERNAL, Ph.D., CESO III OIC - JHCSC PRESIDENT | SHEET CONTENT: AS SHOWN | SHEET NO.: S-4 4 14 |
|--|--|---|--|--|--|----------------------------|---|



1 MAIN GATE ENTRANCE DETAIL
S-5 SCALE 1:50M



PROJECT TITLE :
CONSTRUCTION OF JHCSC MAIN CAMPUS ENTRANCE GATE

LOCATION : MATI, SAN MIGUEL, ZAMBONGA DEL SUR

PREPARED BY:
abapol
AIVY B. GAPOL, CE
ENGINEERING ASSISTANT

DATE :

CHECKED & SUBMITTED BY:
Pangasian B. Mamintas
PANGASIAN B. MAMINTAS, CE
COLLEGE ENGINEER

DATE :

RECOMMENDING APPROVAL:
Rodrigo P. Millares Jr.
RODRIGO P. MILLARES JR., REE. ENP
PLANNING & DEVELOPMENT DIRECTOR

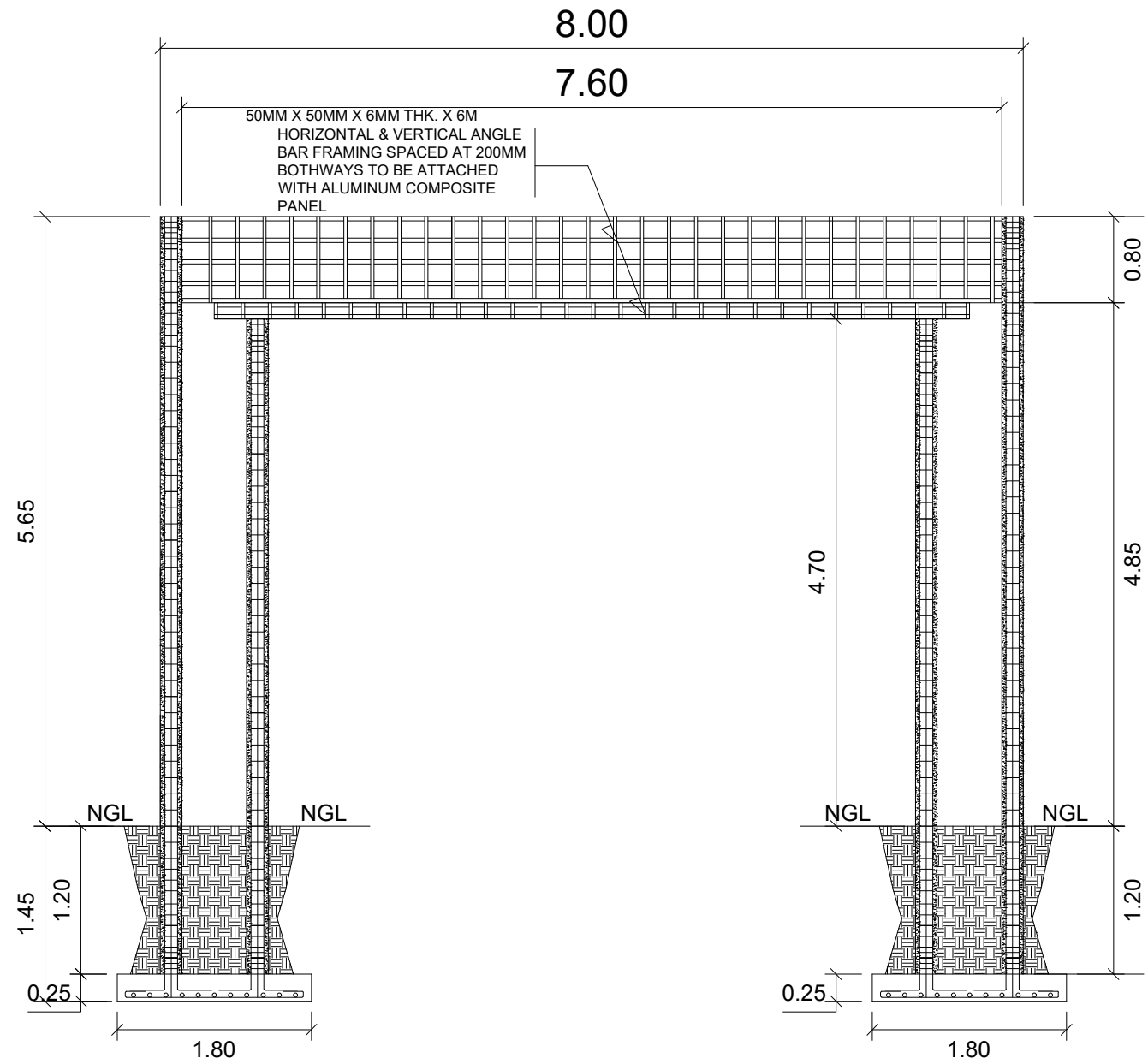
DATE :

APPROVED:
Freddie T. Bernal
FREDDIE T. BERNAL, Ph.D., CESO III
OIC - JHCSC PRESIDENT

DATE :

SHEET CONTENT:
AS SHOWN

SHEET NO.:
S-5
5 14



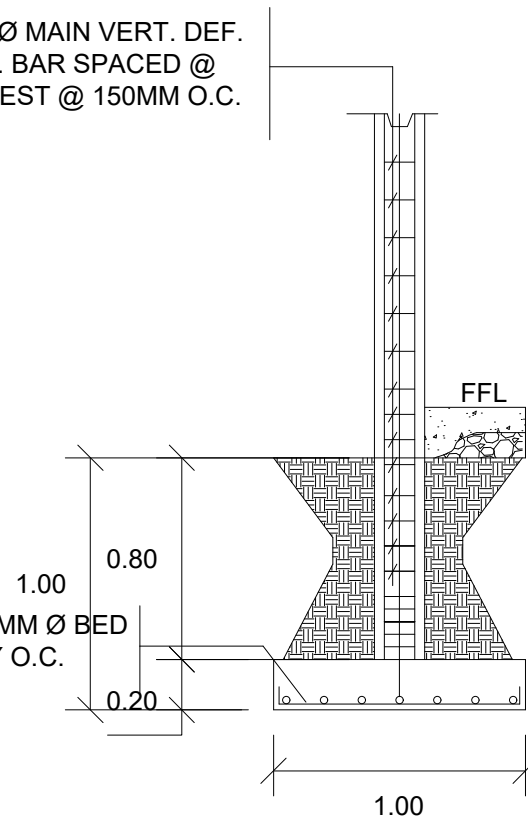
| COLUMN SCHEDULE | | | | | |
|---|-------------------------------|--|---|-------------------------------|--|
| LEVEL | | | LEVEL | | |
| COLUMN 1A FDN TO RB (PROPERTY LINE WALL) = 4.20M | | | COLUMN 1B FDN TO RB = 4.52M | | |
| | SIZE MAIN BAR LATERAL TIES | 200 X 200 8 - 16MMØ 1-SET:10MMØ - 6@50MM, 8@100MM, REST @150MM TO CENTER | | SIZE MAIN BAR LATERAL TIES | 200 X 200 8 - 16MMØ 1-SET:10MMØ - 6@50MM, 8@100MM, REST @150MM TO CENTER |
| COLUMN 2A FDN TO TOP = 6.85M | | | COLUMN 2B FDN TO TOP = 5.30M | | |
| | SIZE MAIN BAR LATERAL TIES | 250 X 250 8 - 16MMØ 1-SET:10MMØ - 6@50MM, 8@100MM, REST @150MM TO CENTER | | SIZE MAIN BAR LATERAL TIES | 250 X 250 8 - 16MMØ 1-SET:10MMØ - 6@50MM, 8@100MM, REST @150MM TO CENTER |
| COLUMN 3A FDN TO RB (PROPERTY LINE WALL) = 4.20M | | | COLUMN 3B FDN TO RB = 4.52M | | |
| | SIZE MAIN BAR LATERAL TIES | 150 X 200 6 - 16MMØ 1-SET:10MMØ - 6@50MM, 8@100MM, REST @150MM TO CENTER | | SIZE MAIN BAR LATERAL TIES | 150 X 200 6 - 16MMØ 1-SET:10MMØ - 6@50MM, 8@100MM, REST @150MM TO CENTER |
| COLUMN STIFFENER 1 FDN TO RB = 3.90M | | | COLUMN STIFFENER 2 FDN TO TOP = 5.45M | | |
| | SIZE MAIN BAR LATERAL TIES | 150 X 200 4 - 16MMØ 1-SETS:10MMØ - 6@50MM, 8@100MM, REST @150MM TO CENTER | | SIZE MAIN BAR LATERAL TIES | 150 X 200 4 - 16MMØ 1-SETS:10MMØ - 6@50MM, 8@100MM, REST @150MM TO CENTER |

1 MAIN GATE ENTRANCE SECTION & DETAIL
S-6 SCALE 1:60M



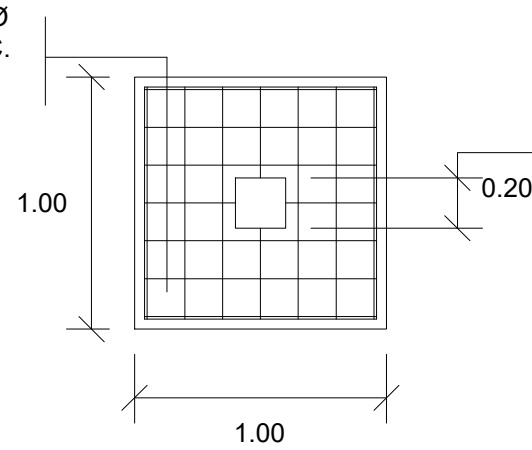
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|---|--|---|--|---|----------------|-------------|
| PROJECT TITLE : | PREPARED BY: | CHECKED & SUBMITTED BY: | RECOMMENDING APPROVAL: | APPROVED: | SHEET CONTENT: | SHEET NO: |
| CONSTRUCTION OF JHCSC MAIN CAMPUS ENTRANCE GATE | AIVY B. GAPOL, CE ENGINEERING ASSISTANT | PANGASIAN B. MAMINTAS, CE COLLEGE ENGINEER | RODRIGO P. MILLARES JR., REE. ENP PLANNING & DEVELOPMENT DIRECTOR | FREDDIE T. BERNAL, Ph.D.; CESO III OIC - JHCSC PRESIDENT | AS SHOWN | S-6 6 14 |
| LOCATION : MATI, SAN MIGUEL, ZAMBONGA DEL SUR | DATE : | DATE : | DATE : | DATE : | | |

R.C. COLUMN W/ 8 - 16MM Ø MAIN VERT. DEF. BARS W/ 10MM Ø DEF. BAR SPACED @ 6-50MM, 8-100MM, & REST @ 150MM O.C. BOTHWAYS



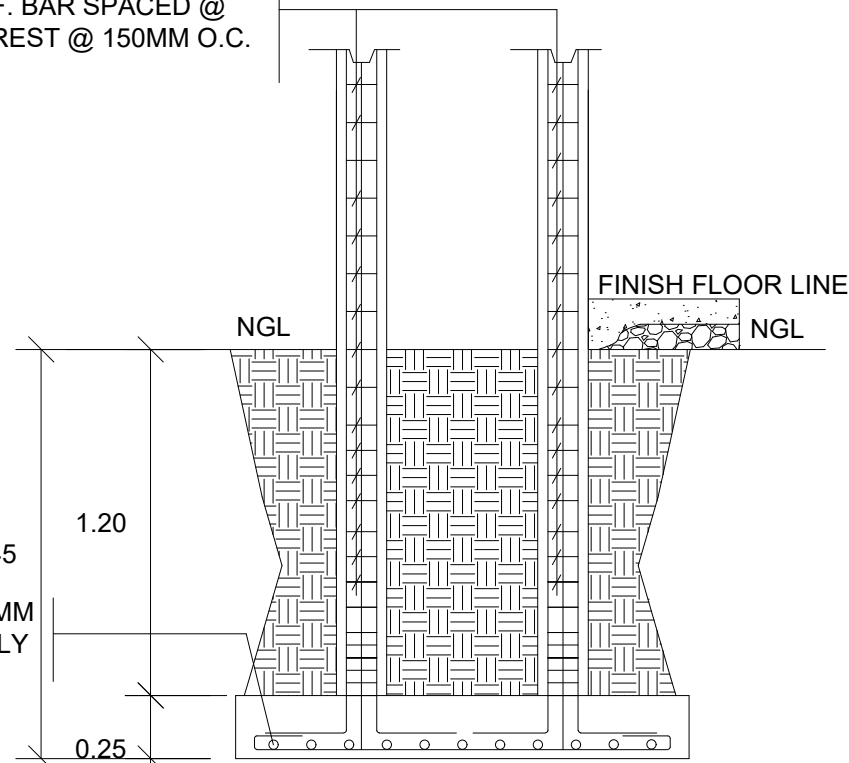
COLUMN FOOTING W/ 14-20MM Ø BED BARS SPACED EQUALLY O.C. BOTHWAYS

COLUMN FOOTING W/ 14-20MM Ø BED BARS SPACED EQUALLY O.C. BOTHWAYS



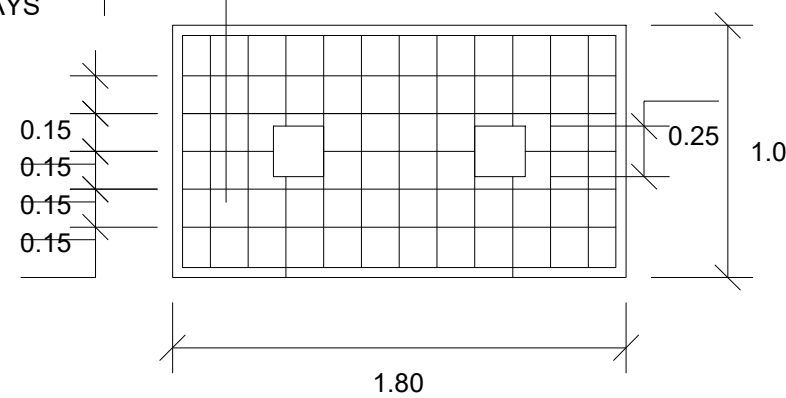
1 **CIF1 DETAIL**
S-7 SCALE 1:30M

R.C. COLUMN W/ 8 - 16MM Ø MAIN VERT. DEF. BARS W/ 10MM Ø DEF. BAR SPACED @ 6-50MM, 8-100MM, & REST @ 150MM O.C. BOTHWAYS

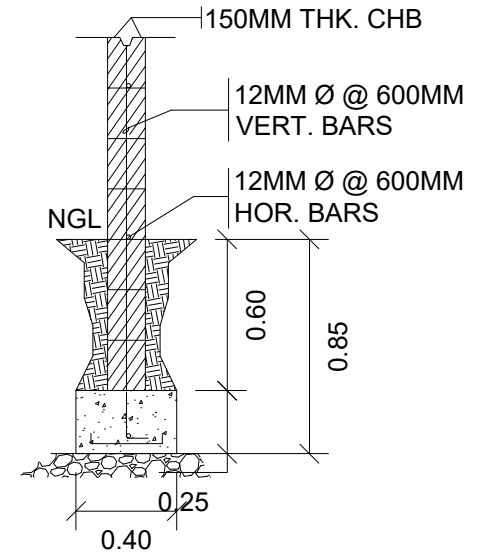


COLUMN FOOTING W/ 14-20MM Ø BED BARS SPACED EQUALLY O.C. BOTHWAYS

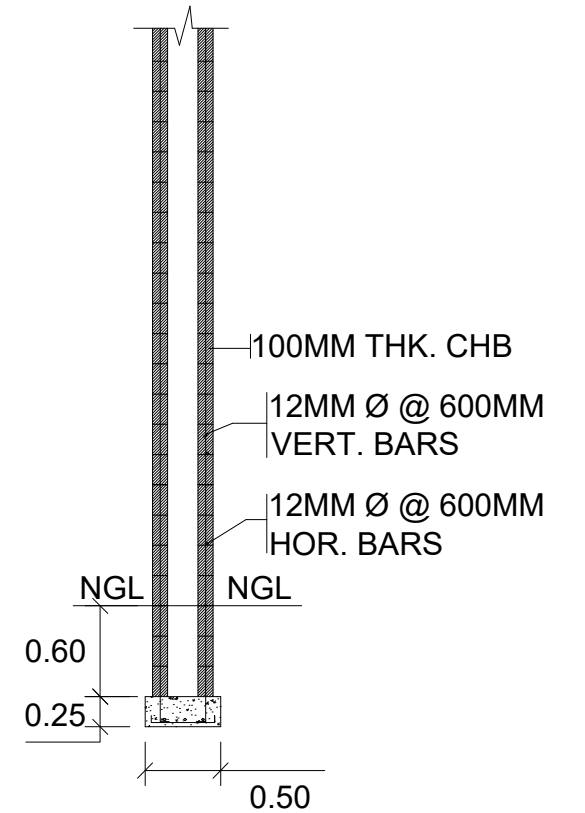
COLUMN FOOTING W/ 11-20MM Ø & 7 - 20MM Ø BED BARS SPACED EQUALLY O.C. BOTHWAYS



2 **C2F2 DETAIL**
S-7 SCALE 1:30M



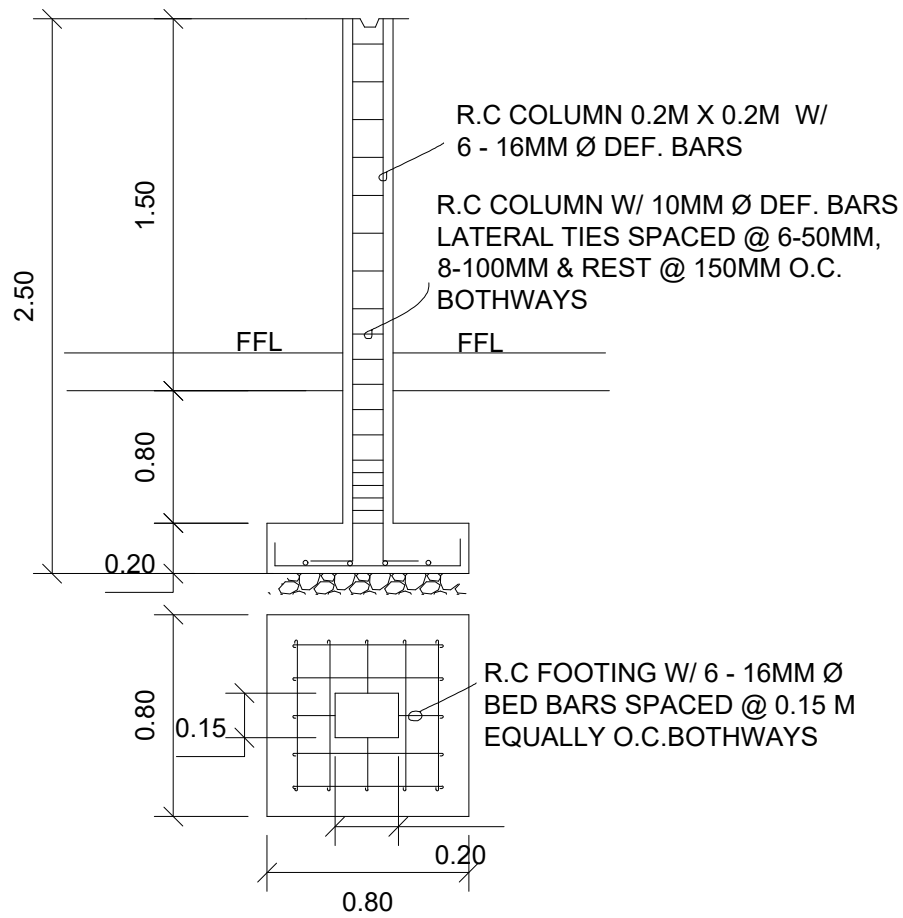
3 **WALL FOOTING 1 DETAIL**
S-7 SCALE 1:30M



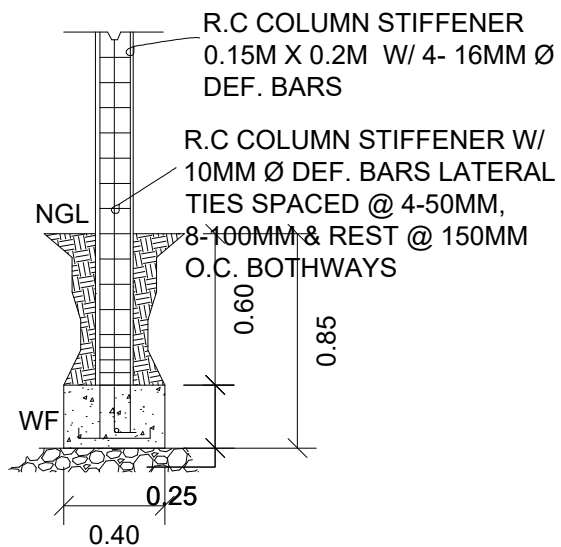
4 **WF-2 DETAIL (MAIN ENTRANCE)**
S-7 SCALE 1:50M



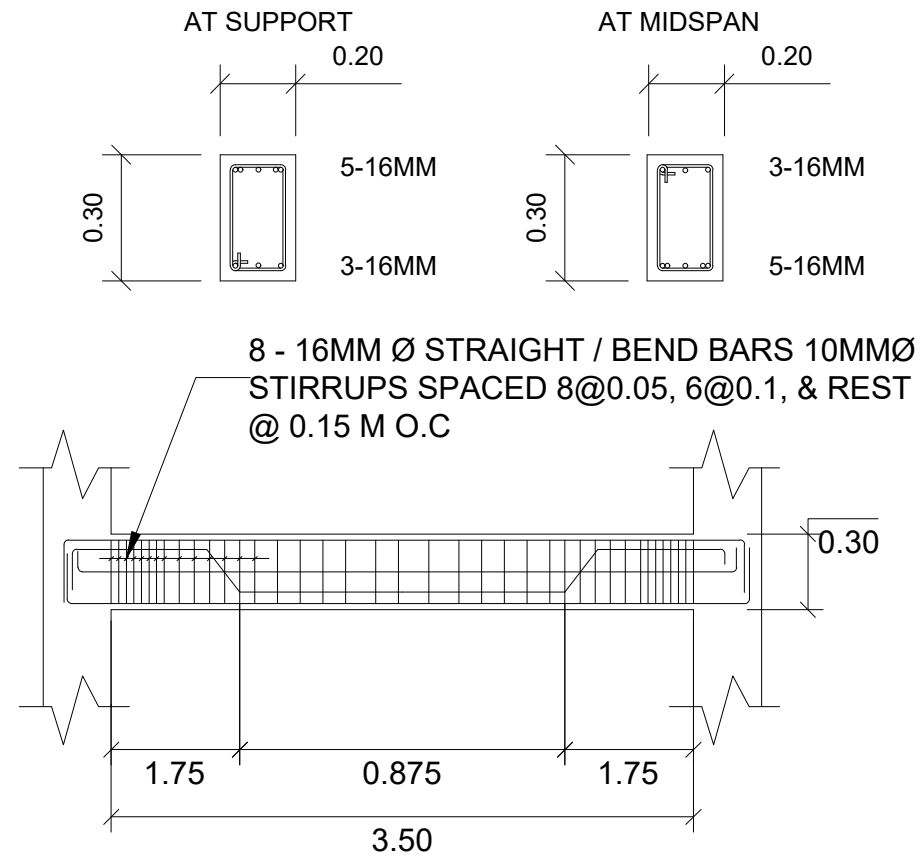
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|---|---|---|--|--|----------------|---------------------------|
| PROJECT TITLE : | PREPARED BY: | CHECKED & SUBMITTED BY: | RECOMMENDING APPROVAL: | APPROVED: | SHEET CONTENT: | SHEET NO.: |
| CONSTRUCTION OF JHCSC MAIN CAMPUS ENTRANCE GATE | <i>abapol</i> AIVY B. GAPOL, CE ENGINEERING ASSISTANT | <i>Pangasian B. Mamintas, CE</i> PANGASIAN B. MAMINTAS, CE COLLEGE ENGINEER | <i>Rodrigo P. Millares Jr., REE. ENP</i> RODRIGO P. MILLARES JR., REE. ENP PLANNING & DEVELOPMENT DIRECTOR | <i>Freddie T. Bernal, Ph.D., CESO III</i> FREDDIE T. BERNAL, Ph.D., CESO III OIC - JHCSC PRESIDENT | AS SHOWN | S-7 7 14 |
| LOCATION : MATI, SAN MIGUEL, ZAMBONGA DEL SUR | DATE : | DATE : | DATE : | DATE : | | |



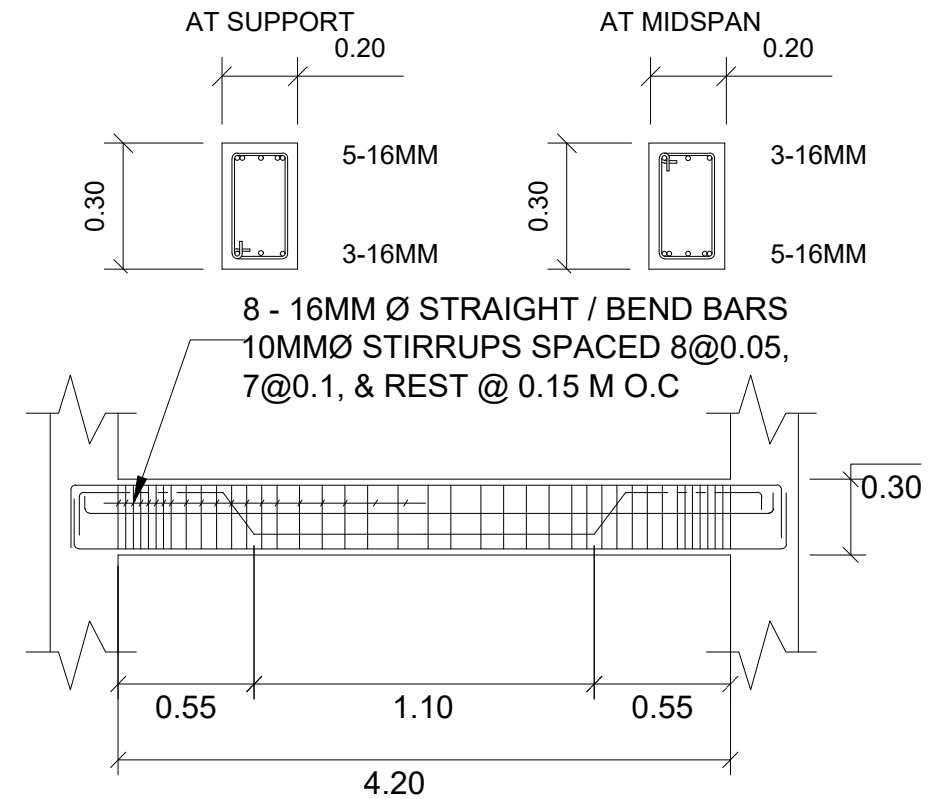
1 C3F3 DETAIL
S-8 SCALE 1:30M



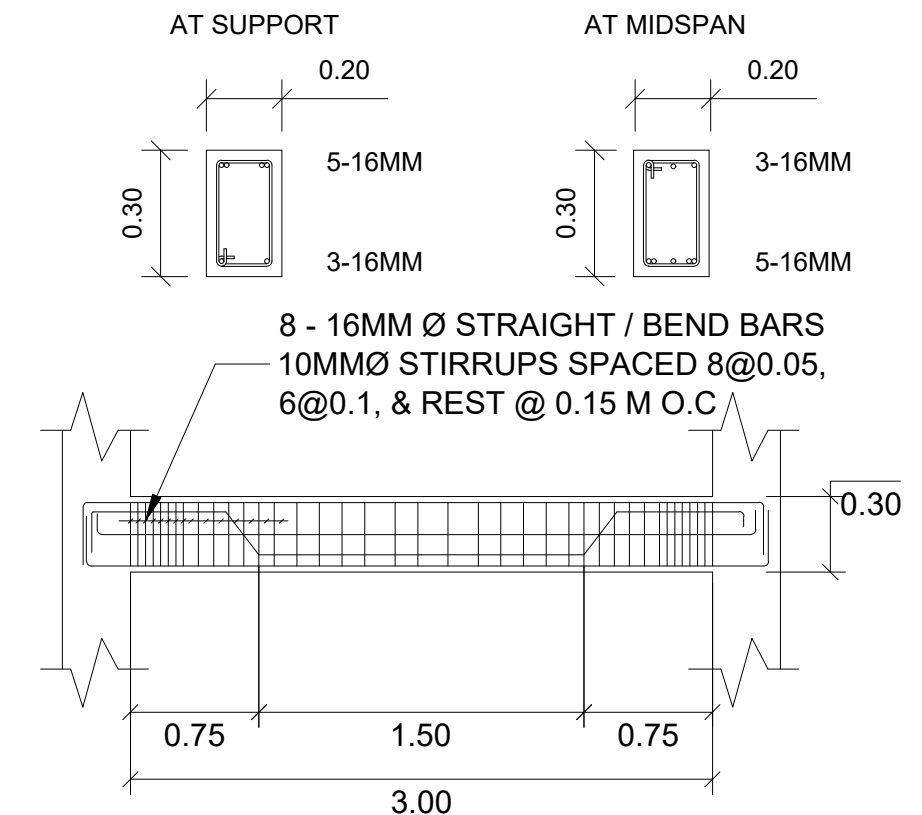
2 COLUMN STIFFENER DETAIL
S-8 SCALE 1:30M



3 ROOF BEAM 1 SECTION & DETAIL
S-8 SCALE 1:50M



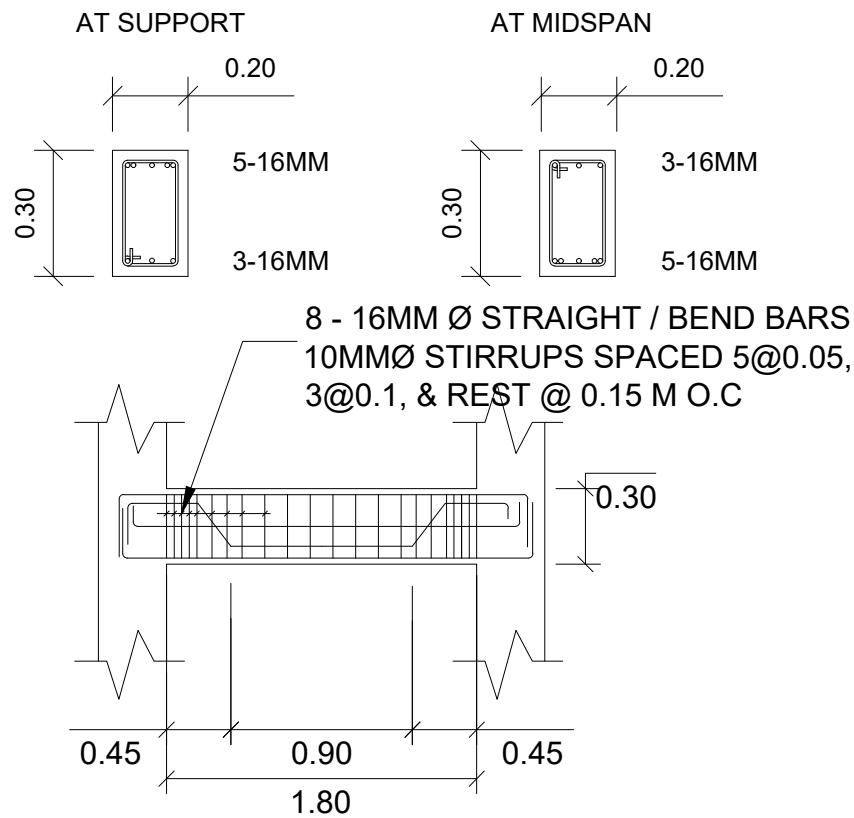
4 ROOF BEAM 2 SECTION & DETAIL
S-8 SCALE 1:50M



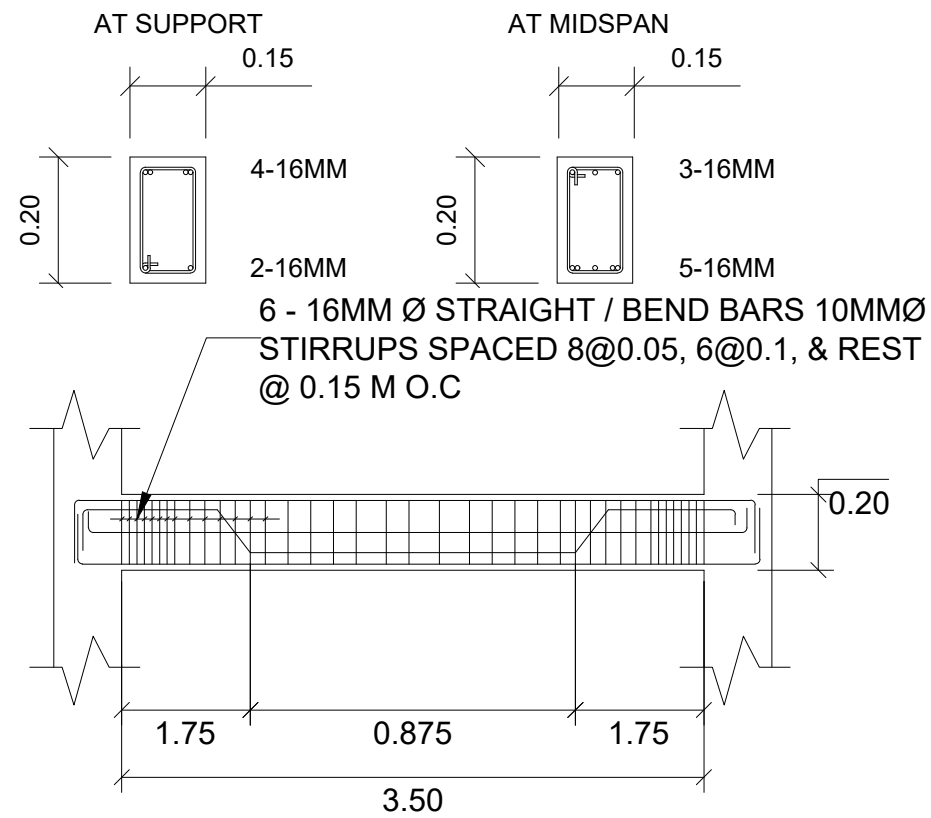
5 ROOF BEAM 3 SECTION & DETAIL
S-8 SCALE 1:50M



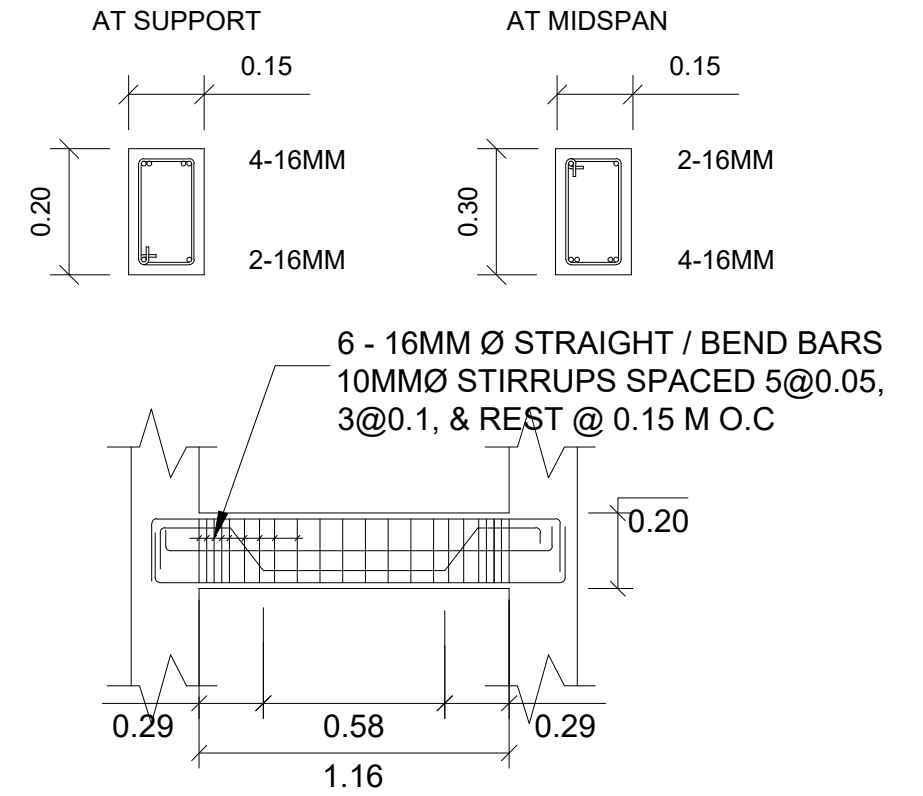
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| PROJECT TITLE : | PREPARED BY: | CHECKED & SUBMITTED BY: | RECOMMENDING APPROVAL: | APPROVED: | SHEET CONTENT: | SHEET NO.: |
| CONSTRUCTION OF JHCS MAIN CAMPUS ENTRANCE GATE | <i>abapol</i> AIVY B. GAPOL, CE ENGINEERING ASSISTANT | <i>Pangasian B. Mamintas</i> PANGASIAN B. MAMINTAS, CE COLLEGE ENGINEER | <i>Rodrigo P. Millares Jr.</i> RODRIGO P. MILLARES JR., REE. ENP PLANNING & DEVELOPMENT DIRECTOR | <i>Freddie T. Bernal</i> FREDDIE T. BERNAL, Ph.D., CESO III OIC - JHCS PRESIDENT | AS SHOWN | S-8 8 14 |
| LOCATION : MATI, SAN MIGUEL, ZAMBONGA DEL SUR | DATE : | DATE : | DATE : | DATE : | | |



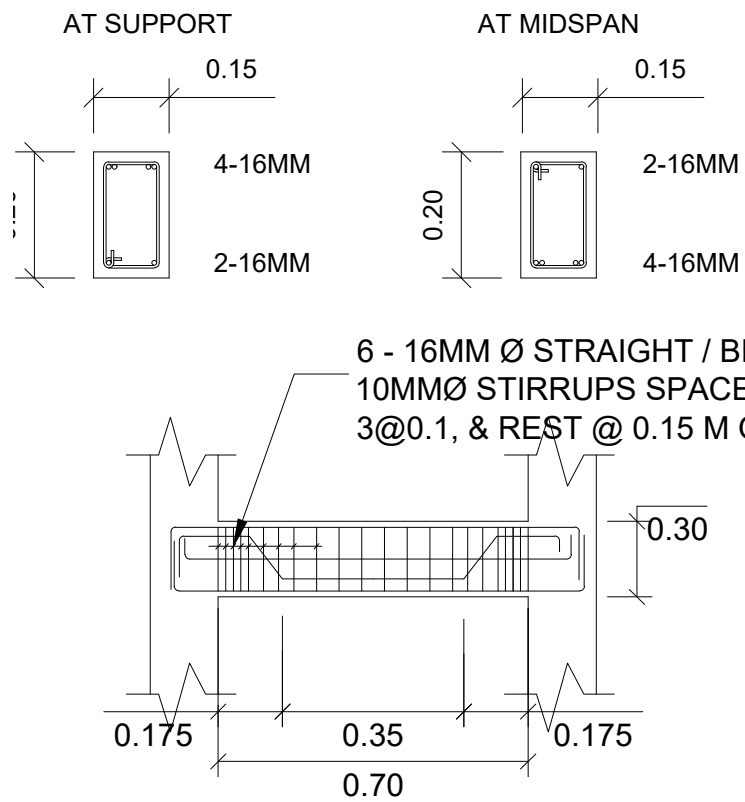
1 ROOF BEAM 4 SECTION & DETAIL
S-9 SCALE 1:50M



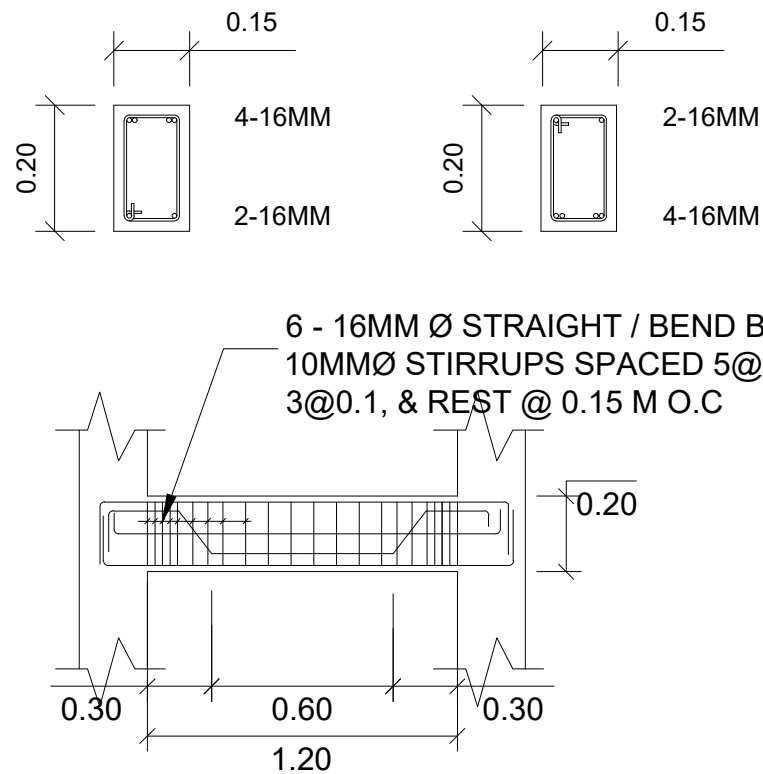
2 ROOF BEAM 5 SECTION & DETAIL
S-9 SCALE 1:50M



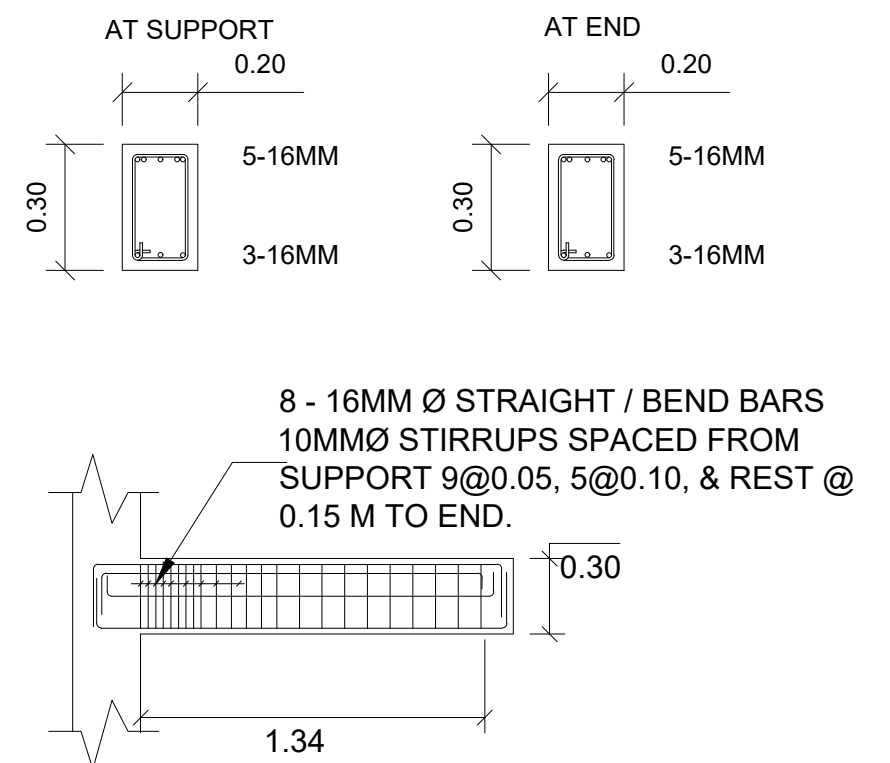
3 ROOF BEAM 6 SECTION & DETAIL
S-9 SCALE 1:50M



4 ROOF BEAM 7 SECTION & DETAIL
S-9 SCALE 1:50M

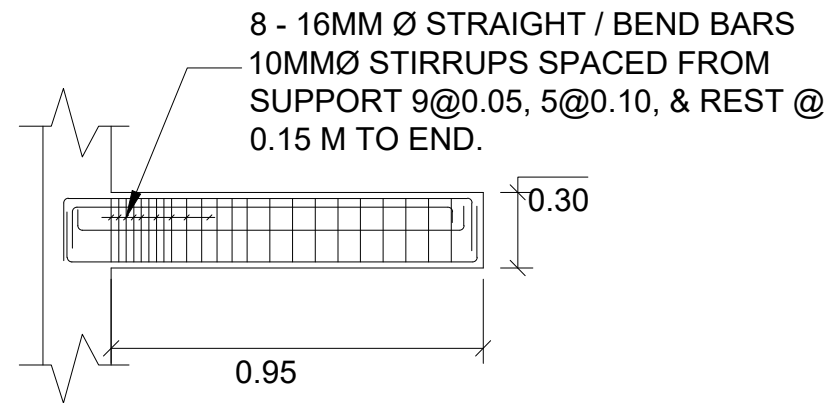
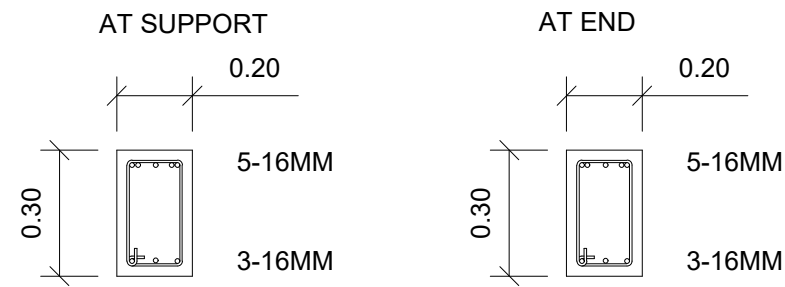


5 BEAM 1 SECTION & DETAIL
S-9 SCALE 1:50M

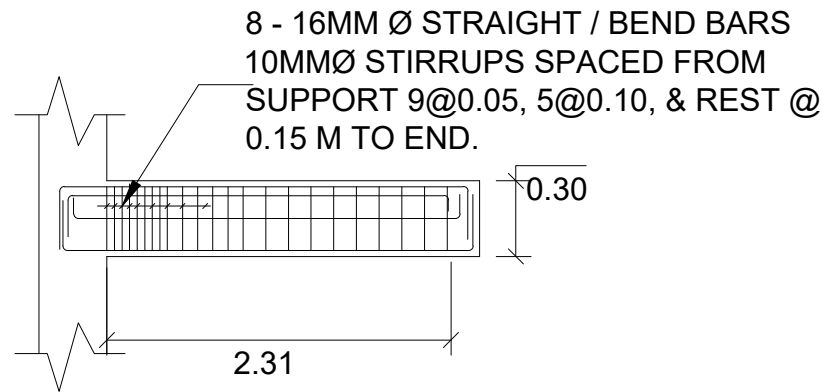
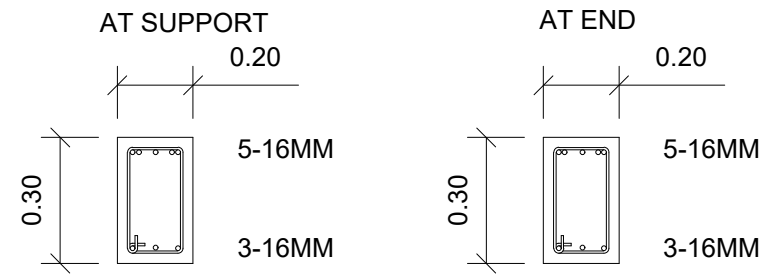


6 CANTILEVER BEAM 1 SECTION & DETAIL
S-9 SCALE 1:50M

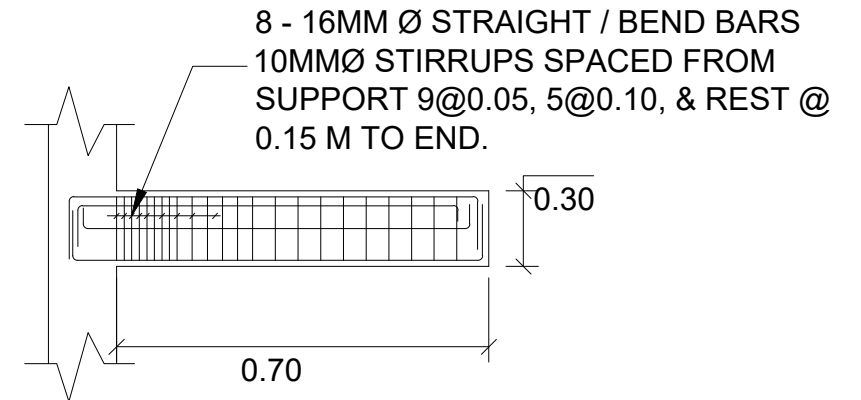
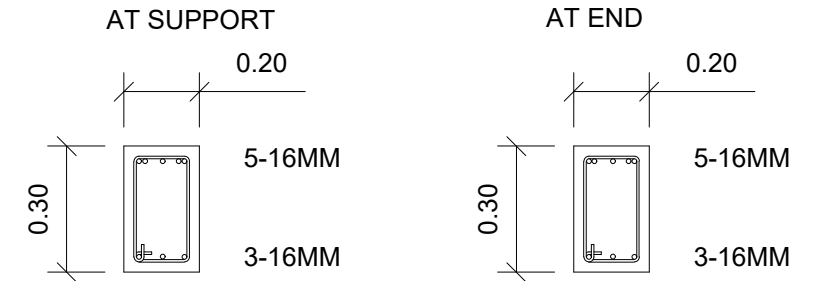
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|--|--|--|---|--|---|----------------|---------------------------|
| | PROJECT TITLE : | PREPARED BY: | CHECKED & SUBMITTED BY: | RECOMMENDING APPROVAL: | APPROVED: | SHEET CONTENT: | SHEET NO.: |
| | CONSTRUCTION OF JHSCS MAIN CAMPUS ENTRANCE GATE <small>LOCATION : MATI, SAN MIGUEL, ZAMBONGA DEL SUR</small> | AIVY B. GAPOL, CE <small>ENGINEERING ASSISTANT</small> | PANGASIAN B. MAMINTAS, CE <small>COLLEGE ENGINEER</small> | RODRIGO P. MILLARES JR., REE. ENP <small>PLANNING & DEVELOPMENT DIRECTOR</small> | FREDDIE T. BERNAL, Ph.D., CESO III <small>OIC - JHSCS PRESIDENT</small> | AS SHOWN | S-9 9 14 |
| | DATE : | DATE : | DATE : | DATE : | DATE : | | |



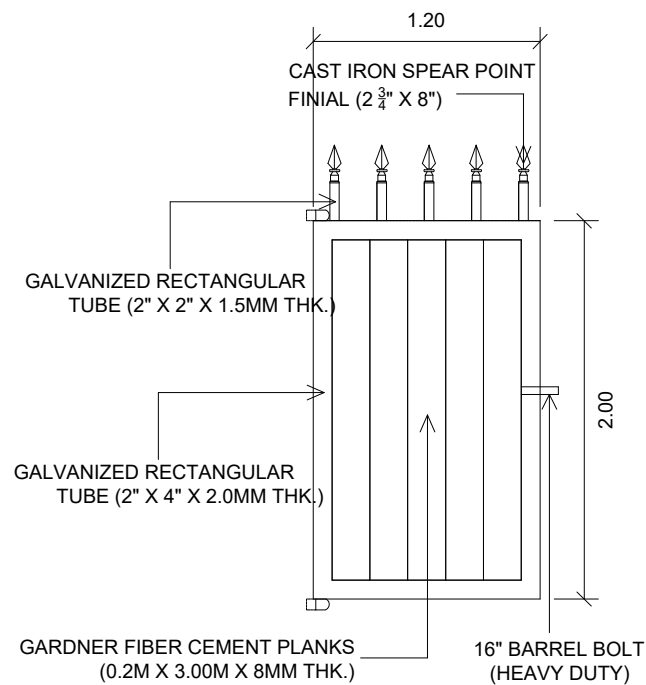
1 CANTILEVER BEAM 2 SECTION & DETAIL
S-10 SCALE 1:50M



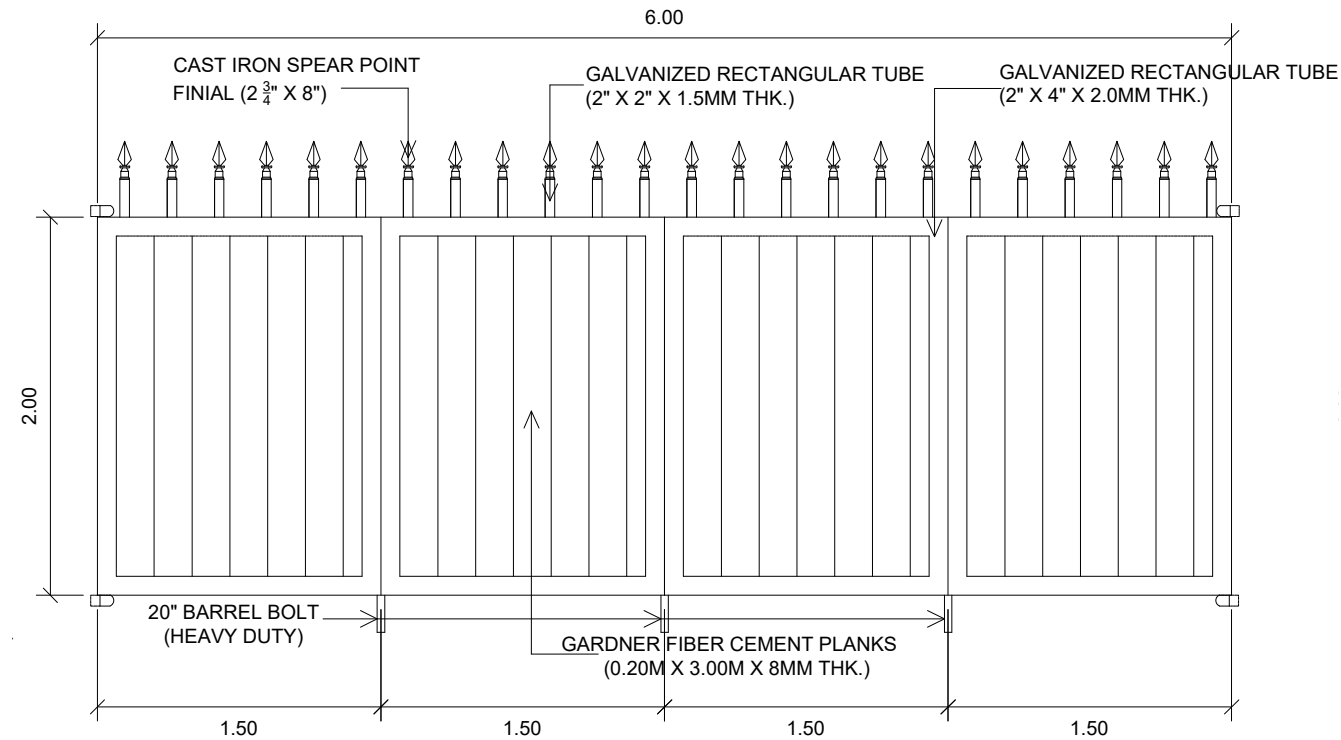
2 CANTILEVER BEAM 3 SECTION & DETAIL
S-10 SCALE 1:50M



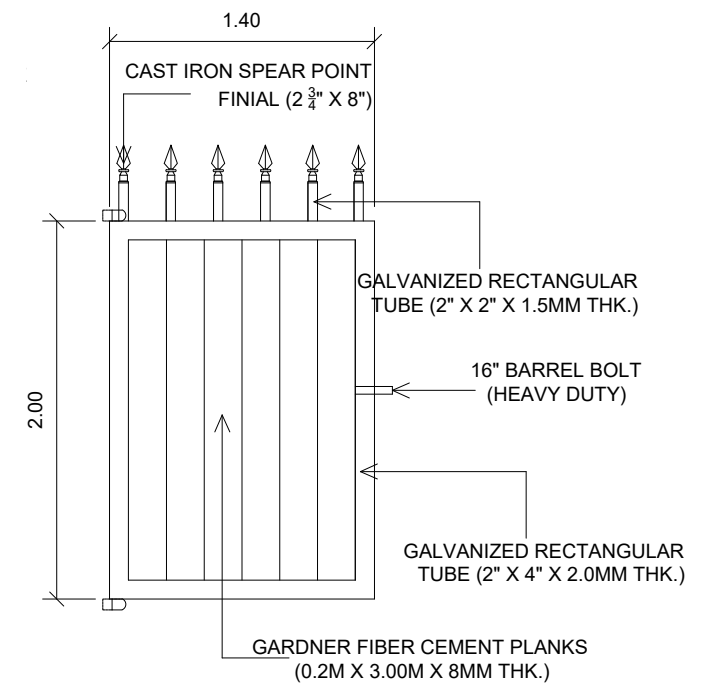
3 CANTILEVER BEAM 4 SECTION & DETAIL
S-10 SCALE 1:50M



4 DETAIL OF EXIT STEEL GATES
S-10 SCALE 1:30M

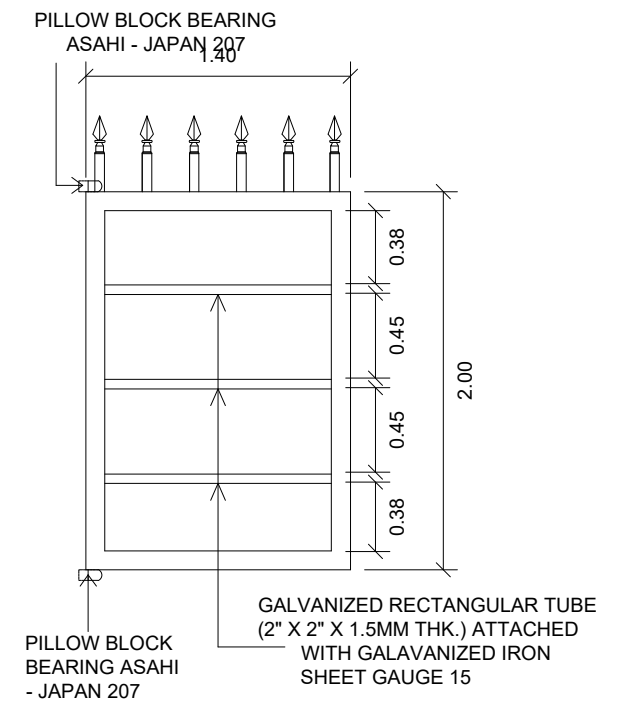
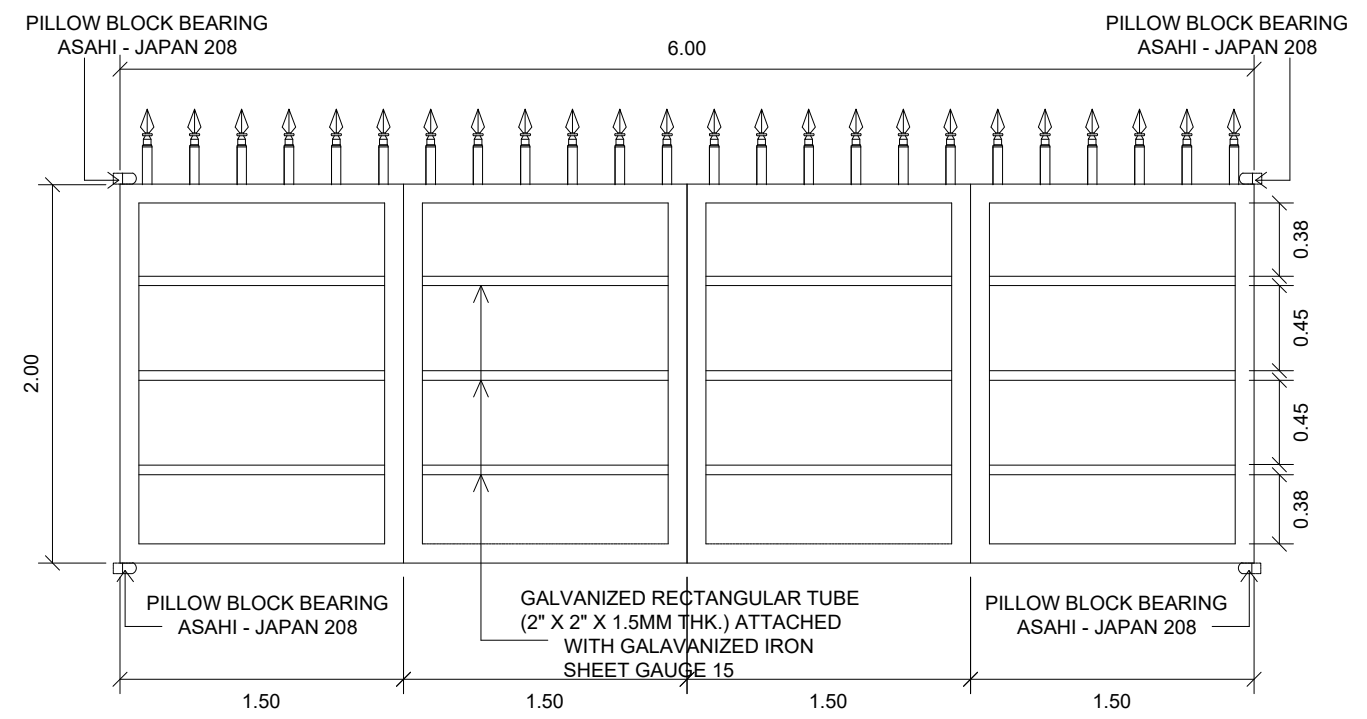
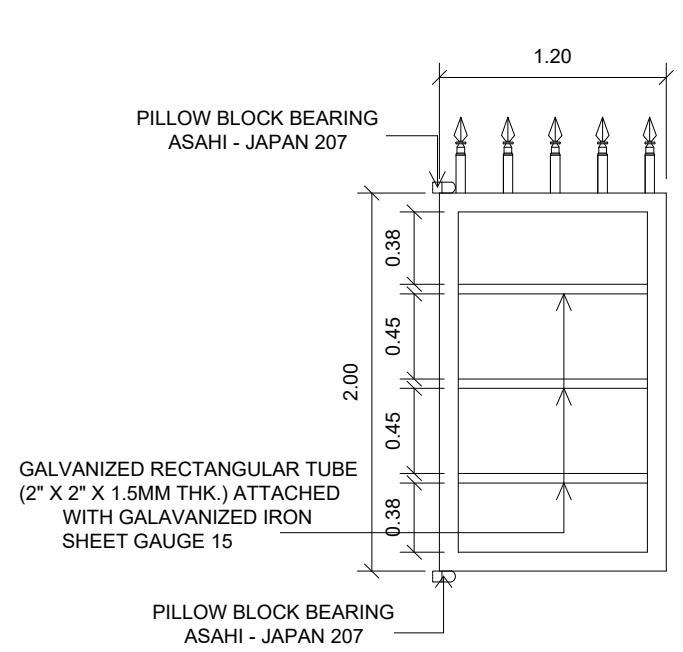


5 DETAIL OF VEHICLE STEEL GATES
S-10 SCALE 1:30M



6 DETAIL OF ENTRANCE STEEL GATES
S-10 SCALE 1:30M

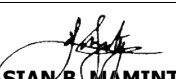

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|--|--|---|--|---|---|----------------|----------------------------|
| | PROJECT TITLE : | PREPARED BY: | CHECKED & SUBMITTED BY: | RECOMMENDING APPROVAL: | APPROVED: | SHEET CONTENT: | SHEET NO.: |
| | CONSTRUCTION OF JHCS MAIN CAMPUS ENTRANCE GATE | AIVY B. GAPOL, CE ENGINEERING ASSISTANT | PANGASIAN B. MAMINTAS, CE COLLEGE ENGINEER | RODRIGO F. MILLARES JR., REE. ENP PLANNING & DEVELOPMENT DIRECTOR | FREDDIE T. BERNAL, Ph.D., CESO III OIC - JHCS PRESIDENT | AS SHOWN | S-10 1014 |
| | LOCATION : MATI, SAN MIGUEL, ZAMBONGA DEL SUR | DATE : | DATE : | DATE : | DATE : | | |

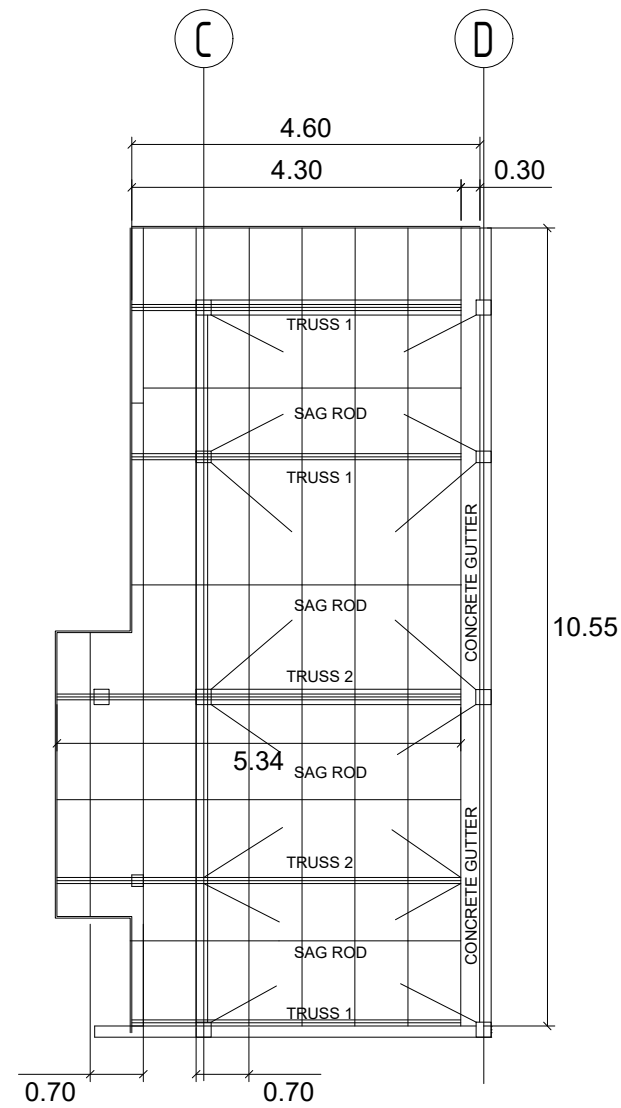


1 SECTION DETAILS OF EXIT STEEL GATES
 S-11 SCALE 1:30M

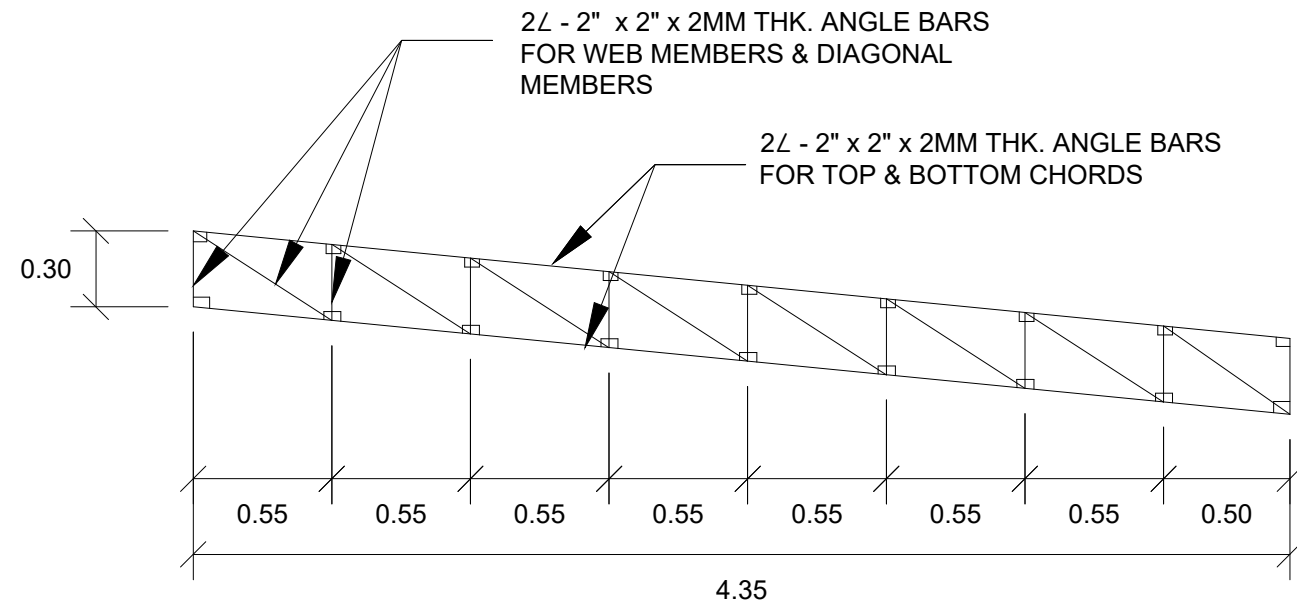
2 SECTION DETAILS OF VEHICLE STEEL GATES
 S-11 SCALE 1:30M

3 SECTION DETAILS OF ENTRANCE STEEL GATES
 S-11 SCALE 1:30M

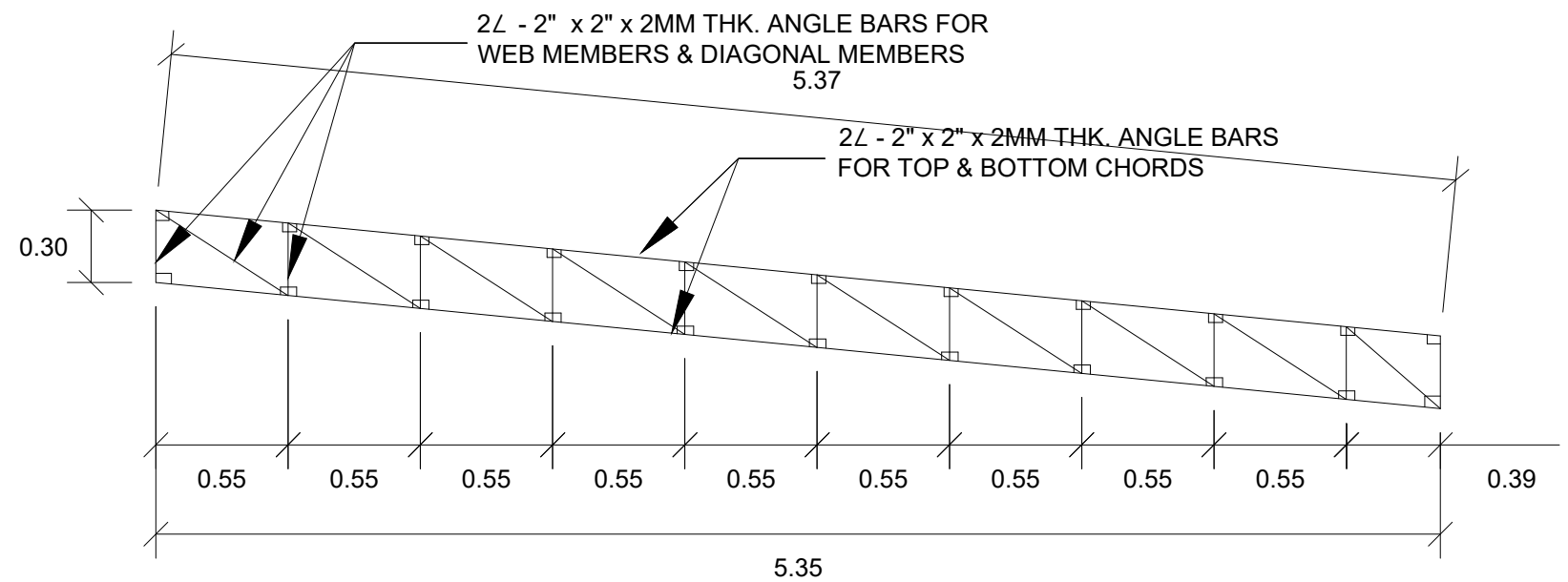
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|  | PROJECT TITLE : | PREPARED BY: | CHECKED & SUBMITTED BY: | RECOMMENDING APPROVAL: | APPROVED: | SHEET CONTENT: | SHEET NO.: |
| | CONSTRUCTION OF JHSCS MAIN CAMPUS ENTRANCE GATE <small>LOCATION : MATI, SAN MIGUEL, ZAMBONGA DEL SUR</small> |  AIVY B. GAPOL, CE <small>ENGINEERING ASSISTANT</small> |  PANGASIAN B. MAMINTAS, CE <small>COLLEGE ENGINEER</small> |  RODRIGO P. MILLARES JR., REE. ENP <small>PLANNING & DEVELOPMENT DIRECTOR</small> |  FREDDIE T. BERNAL, Ph.D., CESO III <small>OIC - JHSCS PRESIDENT</small> | AS SHOWN | S-11 1114 |
| | DATE : | DATE : | DATE : | DATE : | DATE : | | |



1 ROOF FRAMING PLAN
S-12 SCALE 1:100M



2 TRUSS 1 DETAIL
S-12 SCALE 1:30M



3 TRUSS 2 DETAIL
S-12 SCALE 1:30M



PROJECT TITLE :
CONSTRUCTION OF JHSCS MAIN CAMPUS ENTRANCE GATE
LOCATION : MATI, SAN MIGUEL, ZAMBONGA DEL SUR

PREPARED BY:
abapol
AIVY B. GAPOL, CE
ENGINEERING ASSISTANT

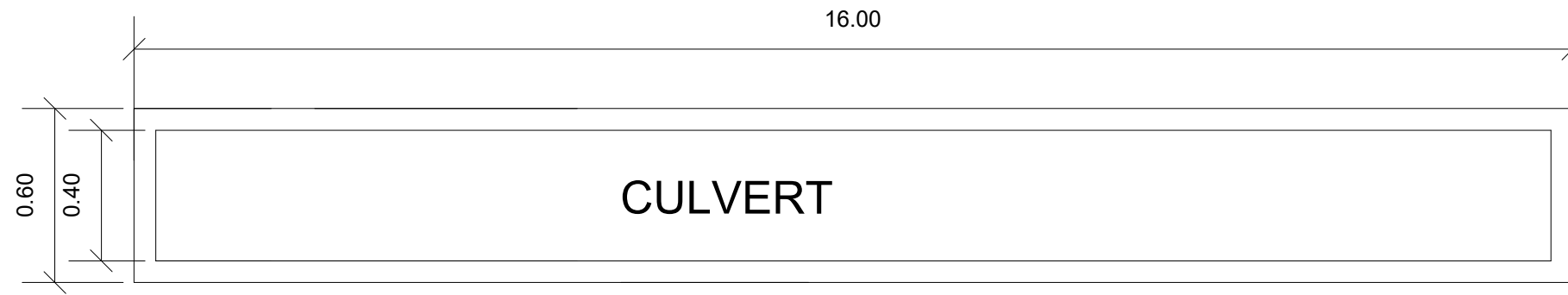
CHECKED & SUBMITTED BY:
[Signature]
PANGASIAN B. MAMINTAS, CE
COLLEGE ENGINEER

RECOMMENDING APPROVAL:
[Signature]
RODRIGO P. MILLARES JR., REE. ENP
PLANNING & DEVELOPMENT DIRECTOR

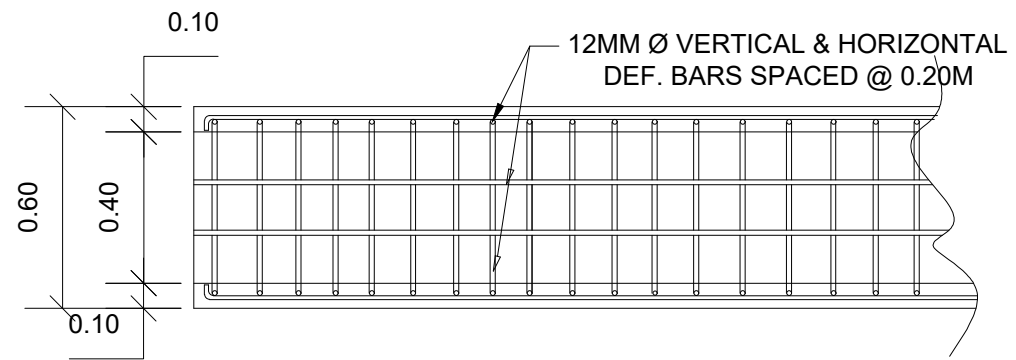
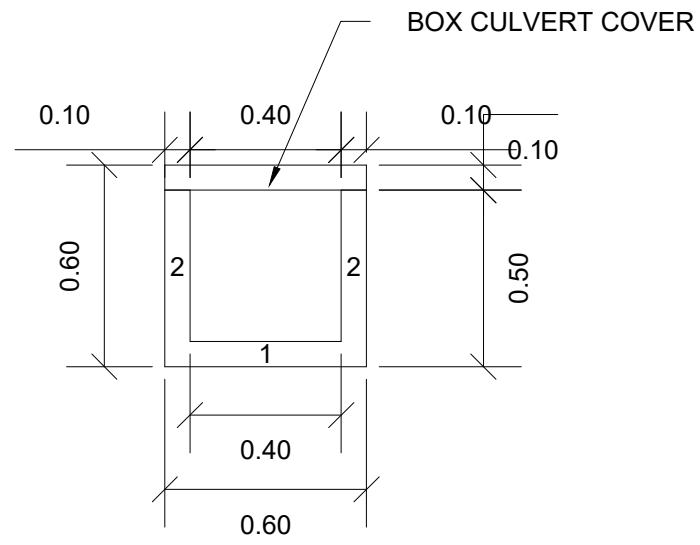
APPROVED:
[Signature]
FREDDIE T. BERNAL, Ph.D., CESO III
OIC - JHSCS PRESIDENT

SHEET CONTENT:
AS SHOWN

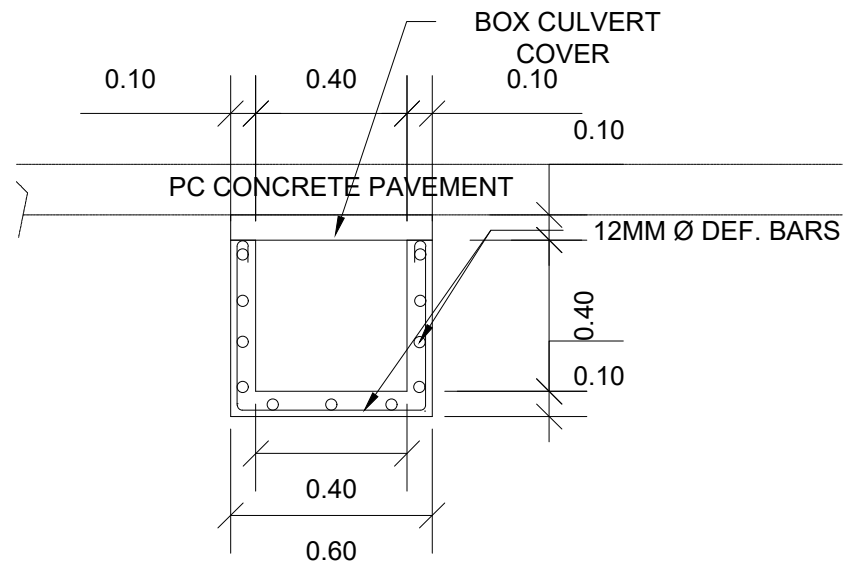
SHEET NO.:
S-12
1214




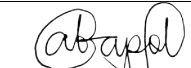

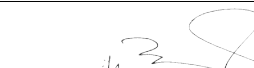
1 **BOX CULVERT PLAN**
S-13 SCALE 1:30M

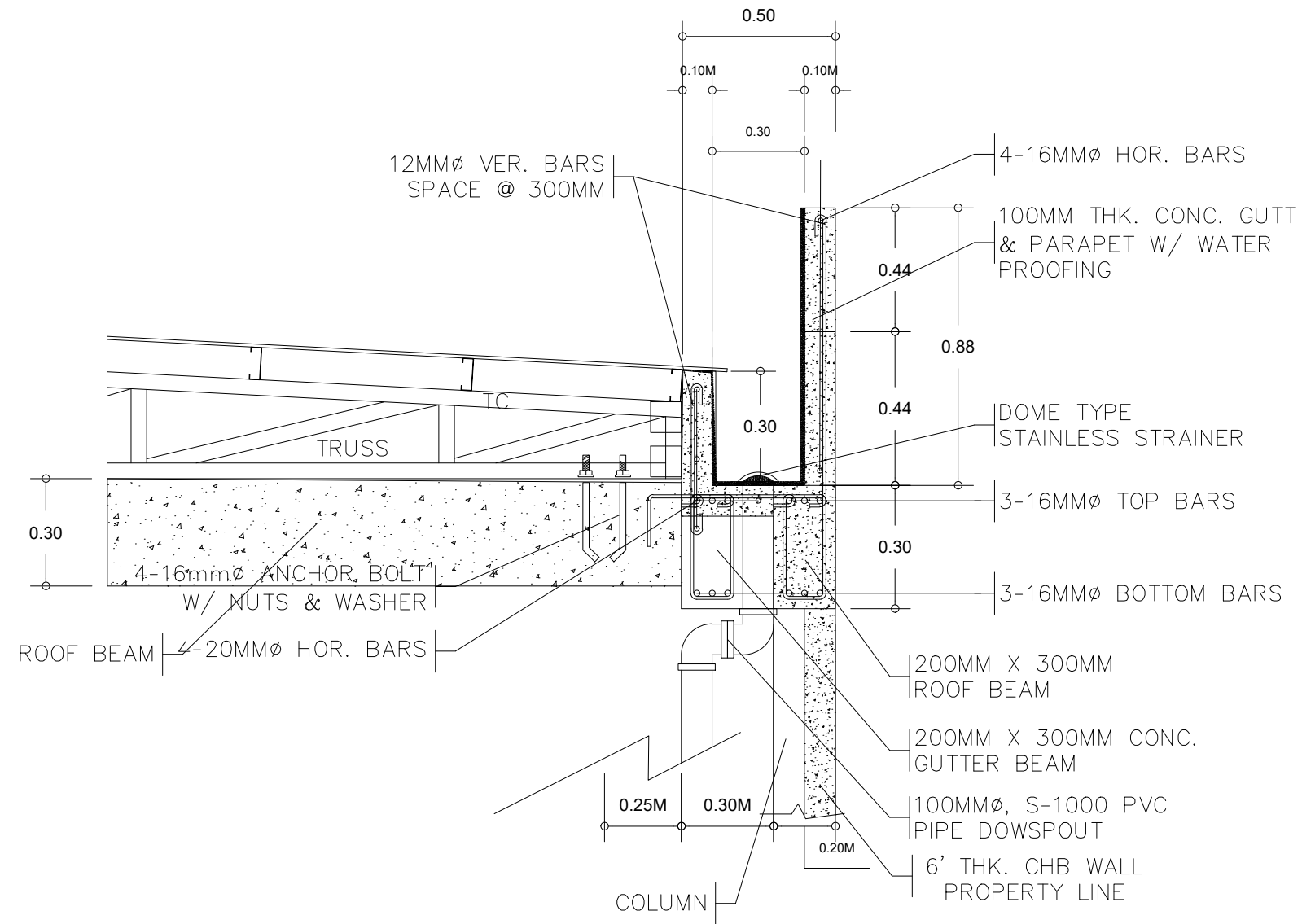


3 **BOX CULVERT DETAIL**
S-13 SCALE 1:30M


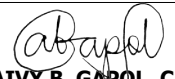
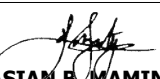




2 **BOX CULVERT SECTION & DETAIL**
S-13 SCALE 1:30M

| | | | | | | | |
|--|--|--|--|---|--|----------------|----------------------------|
|  | PROJECT TITLE : | PREPARED BY: | CHECKED & SUBMITTED BY: | RECOMMENDING APPROVAL: | APPROVED: | SHEET CONTENT: | SHEET NO.: |
| | CONSTRUCTION OF JHCSC MAIN CAMPUS ENTRANCE GATE <small>LOCATION : MATI, SAN MIGUEL, ZAMBONGA DEL SUR</small> |  AIVY B. GAPOL, CE <small>ENGINEERING ASSISTANT</small> |  PANGASIAN B. MAMINTAS, CE <small>COLLEGE ENGINEER</small> |  RODRIGO P. MILLARES JR., REE, ENP <small>PLANNING & DEVELOPMENT DIRECTOR</small> |  FREDDIE T. BERNAL, Ph.D., CESO III <small>OIC - JHCSC PRESIDENT</small> | AS SHOWN | S-13 1314 |
| | DATE : | DATE : | DATE : | DATE : | DATE : | | |



1
CONCRETE GUTTER DETAIL
 S-14 SCALE 1:20M

| | | | | | | | |
|--|---|---|--|---|--|----------------------------|--|
|  | PROJECT TITLE : CONSTRUCTION OF JHCSC MAIN CAMPUS ENTRANCE GATE | PREPARED BY:  AIVY B. GAPOL, CE ENGINEERING ASSISTANT | CHECKED & SUBMITTED BY:  PANGASIAN B. MAMINTAS, CE COLLEGE ENGINEER | RECOMMENDING APPROVAL:  RODRIGO P. MILLARES JR., REE., ENP PLANNING & DEVELOPMENT DIRECTOR | APPROVED:  FREDDIE T. BERNAL, Ph.D., CESO III OIC - JHCSC PRESIDENT | SHEET CONTENT: AS SHOWN | SHEET NO.: S-14 1414 |
| LOCATION : MATI, SAN MIGUEL, ZAMBONGA DEL SUR | | DATE : | | DATE : | | DATE : | |