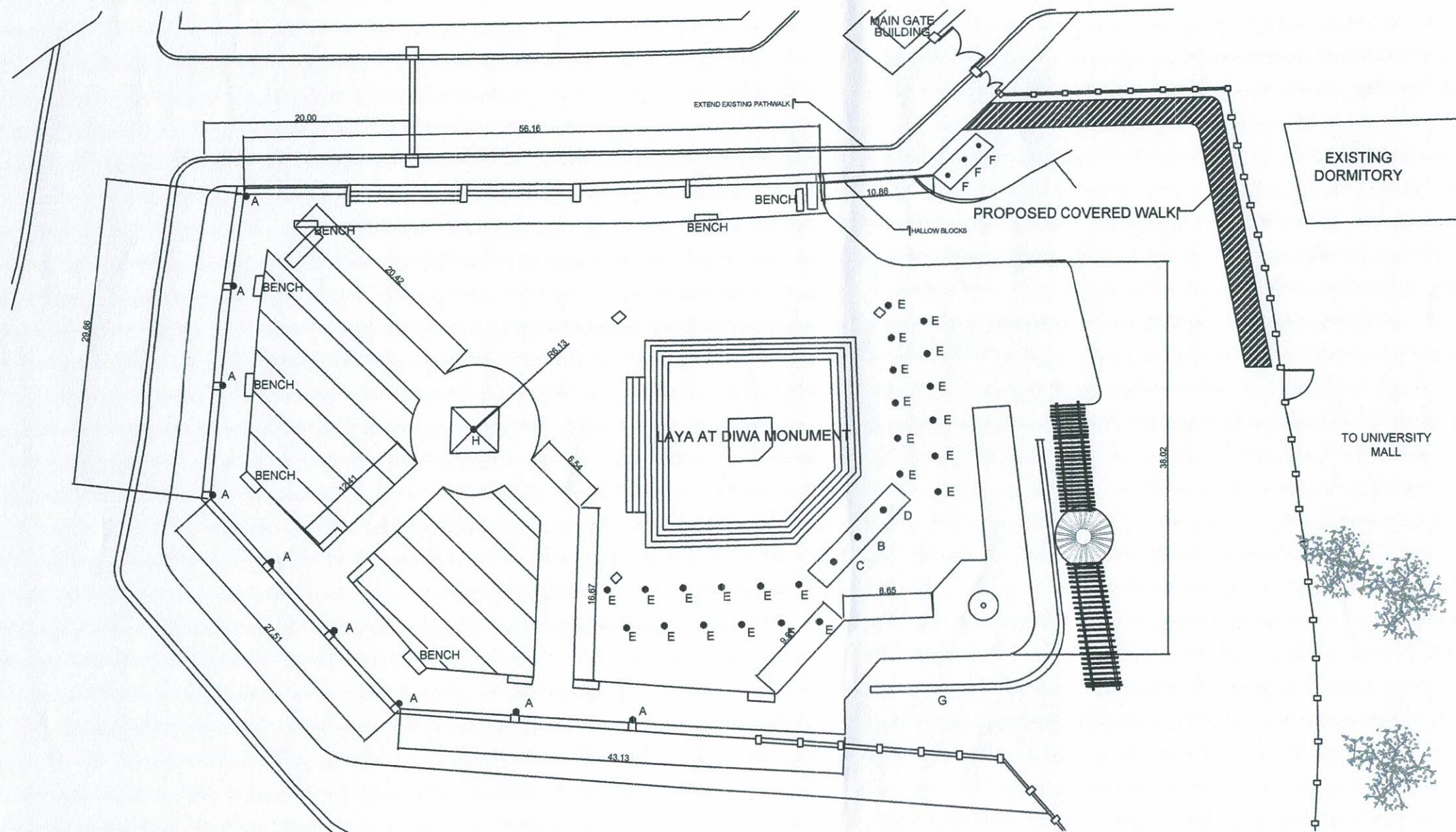


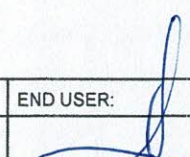
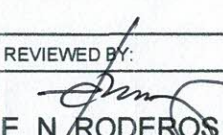
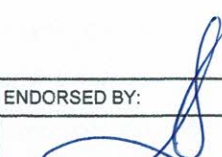
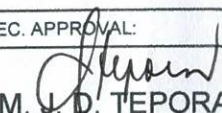
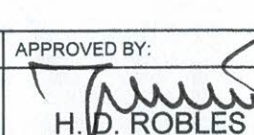


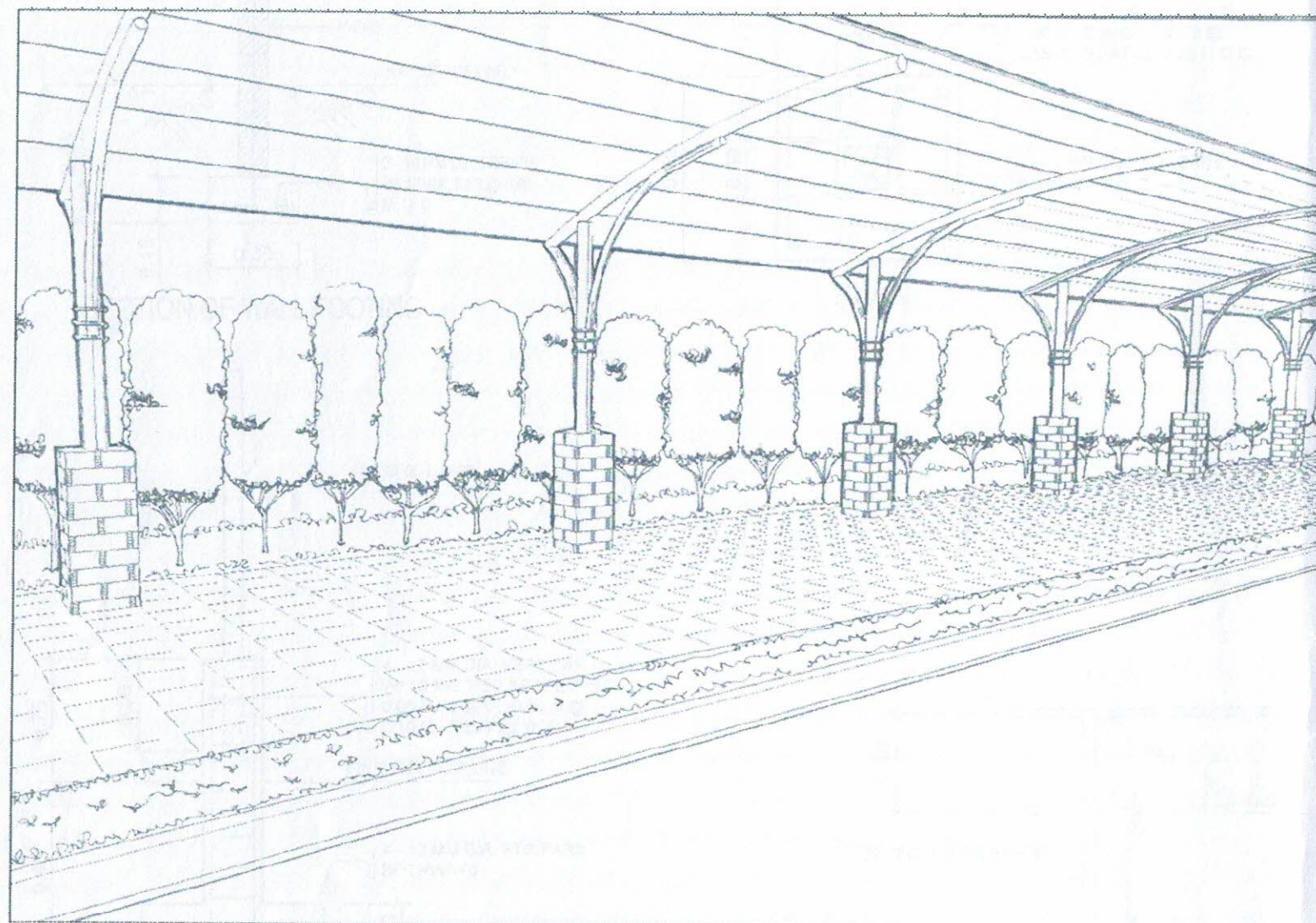
1  
A 1

# SITE DEVELOPMENT PLAN

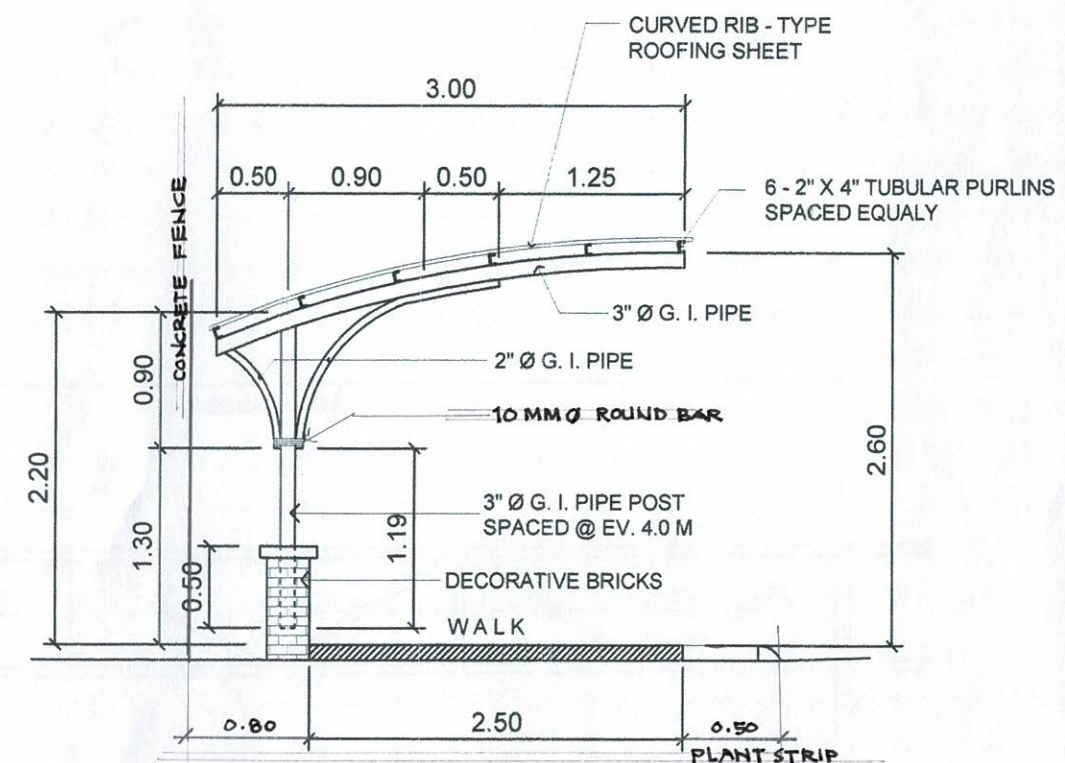
SCALE

1 : 500 MTS

| PREPARED BY:                                                                                                            | END USER:                                                                                                                                         | REVIEWED BY:                                                                                                      | ENDORSED BY:                                                                                                            | REC. APPROVAL:                                                                                                                                      | APPROVED BY:                                                                                                             | PROJECT TITLE/ LOCATION:                                                                                              | IMPLEMENTING AGENCY:                                                              | SHT NO:                          |
|-------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------------------------------|
| <br>R. J. M. PASCUAL<br>PDU<br>OVPPD | <br>O. B. DELOS REYES<br>DIRECTOR<br>PLANNING AND DEVT. OFFICE | <br>E. N. RODEROS<br>ARCHITECT | <br>S. B. BAYOT JR.<br>HEAD<br>PDU | <br>O. B. DELOS REYES<br>DIRECTOR<br>PLANNING AND DEVT. OFFICE | <br>M. J. D. TEPORA<br>VPPD<br>CVSU | <br>H. D. ROBLES<br>PRES<br>CVSU | IMPROVEMENT OF UNIVERSITY PLAZA PHASE 2<br>CAVITE STATE UNIVERSITY<br>MAIN CAMPUS | CAVITE STATE UNIVERSITY<br>A - 1 |



PERSPECTIVE



2  
A 2

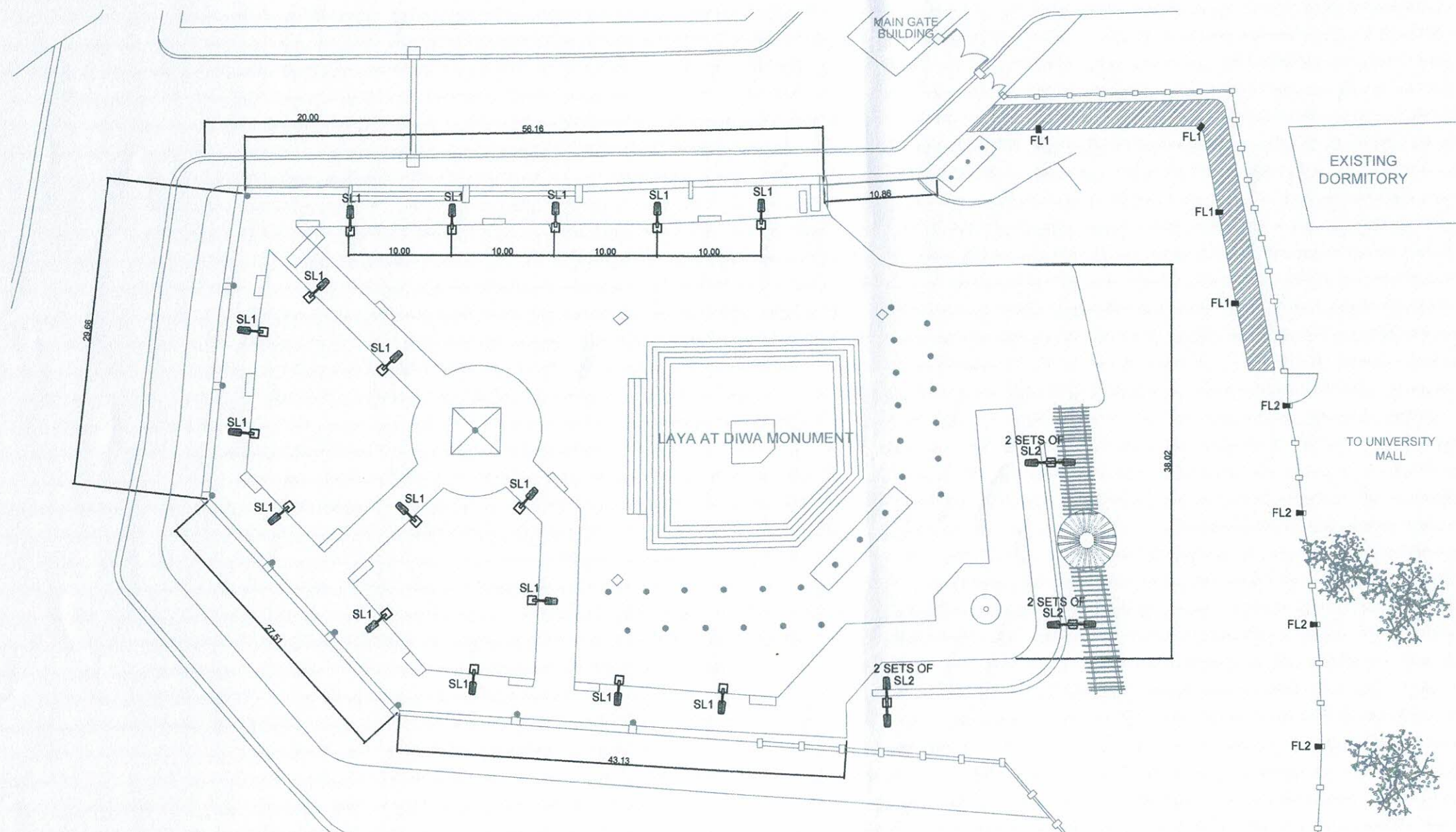
SIDE ELEVATION

SCALE

1 : 50 MTS

|  |                                                      |                                                                             |                                                   |                                                    |                                                                                  |                                                     |                                                  |                                                                                                                   |                                                        |                          |
|--|------------------------------------------------------|-----------------------------------------------------------------------------|---------------------------------------------------|----------------------------------------------------|----------------------------------------------------------------------------------|-----------------------------------------------------|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|--------------------------|
|  | <b>PREPARED BY:</b><br>R. J. M. PASCUAL<br>PDU OVPPD | <b>END USER:</b><br>O. B. DELOS REYES<br>DIRECTOR PLANNING AND DEVT. OFFICE | <b>REVIEWED BY:</b><br>E. N. RODEROS<br>ARCHITECT | <b>ENDORSED BY:</b><br>S. B. BAYOT JR.<br>HEAD PDU | <b>REC. APPROVAL:</b><br>O. B. DELOS REYES<br>DIRECTOR PLANNING AND DEVT. OFFICE | <b>APPROVED BY:</b><br>M. J. D. TEPORA<br>VPPD CVSU | <b>APPROVED BY:</b><br>M. D. ROBLES<br>PRES CVSU | <b>PROJECT TITLE/ LOCATION:</b><br>IMPROVEMENT OF UNIVERSITY PLAZA PHASE 2<br>CAVITE STATE UNIVERSITY MAIN CAMPUS | <b>IMPLEMENTING AGENCY:</b><br>CAVITE STATE UNIVERSITY | <b>SHT NO.:</b><br>A - 2 |
|--|------------------------------------------------------|-----------------------------------------------------------------------------|---------------------------------------------------|----------------------------------------------------|----------------------------------------------------------------------------------|-----------------------------------------------------|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|--------------------------|

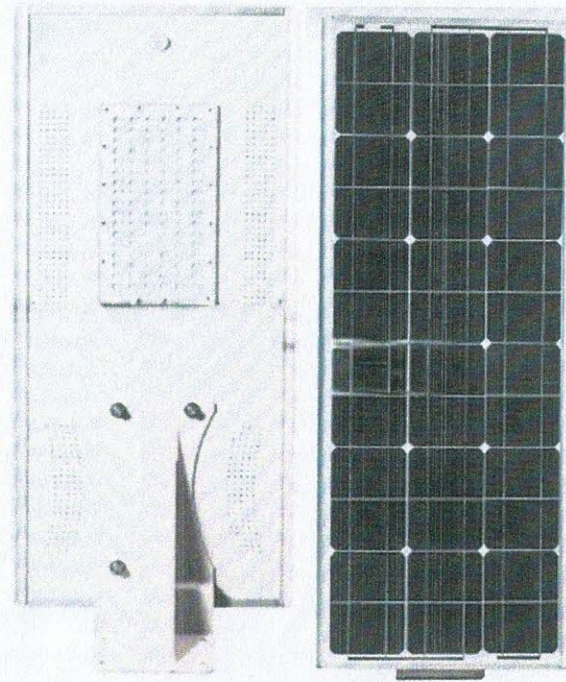
| LEGEND AND SYMBOLS :                                                              |                                   |
|-----------------------------------------------------------------------------------|-----------------------------------|
|  | COMPACT SOLAR STREET LIGHT        |
|  | SOLAR FLOOD LIGHT                 |
|  | STEEL POST WITH CONCRETE PEDESTAL |



1  
E 1 SCALE 1 : 500 MTS

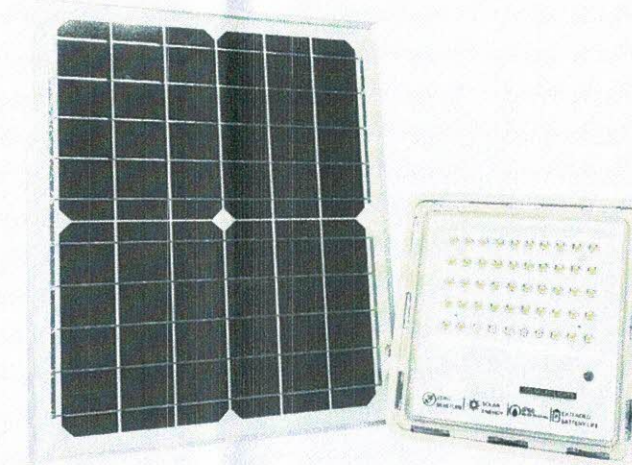
| PREPARED BY:                                                                                                          | END USER:                                                      | REVIEWED BY:                              | ENDORSED BY:                       | REC. APPROVAL:                                                 | APPROVED BY:                        | PROJECT TITLE/ LOCATION:         | IMPLEMENTING AGENCY:                                                           | SHT NO:                          |
|-----------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------|------------------------------------|----------------------------------------------------------------|-------------------------------------|----------------------------------|--------------------------------------------------------------------------------|----------------------------------|
| <br><b>R. J. R. SANCHEZ</b><br>PDU | <b>O. B. DELOS REYES</b><br>DIRECTOR PLANNING AND DEVT. OFFICE | <b>R. P. PENA</b><br>PROF. ELEC. ENGINEER | <b>S. B. BAYOT JR.</b><br>HEAD PDU | <b>O. B. DELOS REYES</b><br>DIRECTOR PLANNING AND DEVT. OFFICE | <b>M. J. D. TEPORA</b><br>VPPD CVSU | <b>H. D. ROBLES</b><br>PRES CVSU | IMPROVEMENT OF UNIVERSITY PLAZA PHASE 2<br>CAVITE STATE UNIVERSITY MAIN CAMPUS | CAVITE STATE UNIVERSITY<br>E - 1 |

SL1



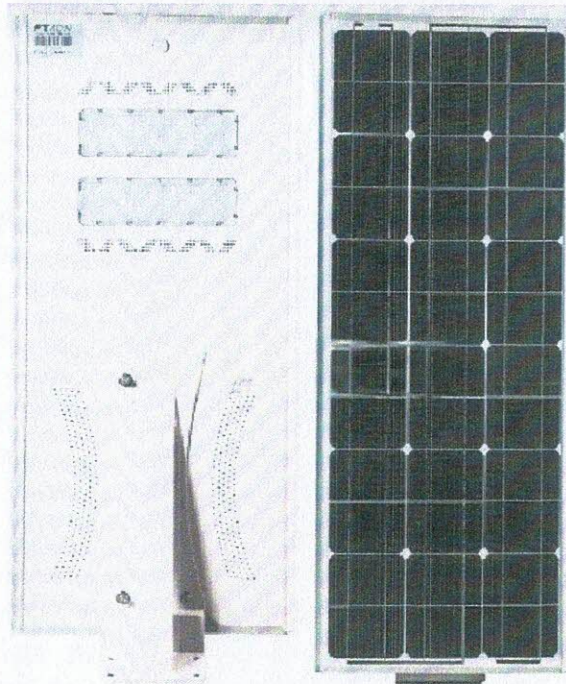
| SPECIFICATION :   |                                        |
|-------------------|----------------------------------------|
| WATTAGE           | 20 WATTS                               |
| SOLAR PANEL       | MONOCRYSTALLINE SILICON                |
| LIGHT OUTPUT      | 2,200lm/20W                            |
| SHELL MATERIAL    | ALUMINUM ALLOY                         |
| COLOR TEMPERATURE | 6500 K DAYLIGHT                        |
| CHARGING TIME     | 6-7 HOURS (DIRECT SUNLIGHT)            |
| BATTERY TYPE      | BUILT-IN LIFE P04 LITHIUM IRON BATTERY |
| WORKING MODE      | TIME CONTROL                           |
| LIFE SPAN         | ≥ 50,000 HOURS                         |
| IP RATING         | IP 65                                  |
| MOUNTING HEIGHT   | 3 METERS                               |

FL1



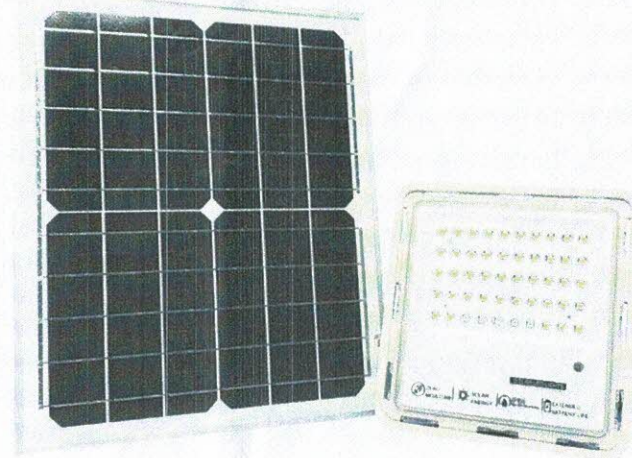
| SPECIFICATION :   |                             |
|-------------------|-----------------------------|
| WATTAGE           | 200 WATTS                   |
| SOLAR PANEL       | MONOCRYSTALLINE SILICON     |
| LUMINOUS FLUX     | ≥ 20,000 lm                 |
| LAMP MATERIAL     | ALUMINUM                    |
| COLOR TEMPERATURE | 6500 K DAYLIGHT             |
| CHARGING TIME     | 6-8 HOURS (DIRECT SUNLIGHT) |
| BATTERY TYPE      | LIFE P04                    |
| WORKING MODE      | TIME CONTROL                |
| LIFE SPAN         | ≥ 50,000 HOURS              |
| IP RATING         | IP 66                       |
| LIGHTED SQM.      | 350 sq.m.                   |

SL2



| SPECIFICATION :   |                                        |
|-------------------|----------------------------------------|
| WATTAGE           | 40 WATTS                               |
| SOLAR PANEL       | MONOCRYSTALLINE SILICON                |
| LIGHT OUTPUT      | 4,400lm/40W                            |
| SHELL MATERIAL    | ALUMINUM ALLOY                         |
| COLOR TEMPERATURE | 6500 K DAYLIGHT                        |
| CHARGING TIME     | 6-7 HOURS (DIRECT SUNLIGHT)            |
| BATTERY TYPE      | BUILT-IN LIFE P04 LITHIUM IRON BATTERY |
| WORKING MODE      | TIME CONTROL                           |
| LIFE SPAN         | ≥ 50,000 HOURS                         |
| IP RATING         | IP 65                                  |
| MOUNTING HEIGHT   | 5 METERS                               |

FL2



| SPECIFICATION :   |                             |
|-------------------|-----------------------------|
| WATTAGE           | 100 WATTS                   |
| SOLAR PANEL       | MONOCRYSTALLINE SILICON     |
| LUMINOUS FLUX     | ≥ 10,000 lm                 |
| LAMP MATERIAL     | ALUMINUM                    |
| COLOR TEMPERATURE | 6500 K DAYLIGHT             |
| CHARGING TIME     | 6-8 HOURS (DIRECT SUNLIGHT) |
| BATTERY TYPE      | LIFE P04                    |
| WORKING MODE      | TIME CONTROL                |
| LIFE SPAN         | ≥ 50,000 HOURS              |
| IP RATING         | IP 66                       |
| LIGHTED SQM.      | 150 sq.m.                   |

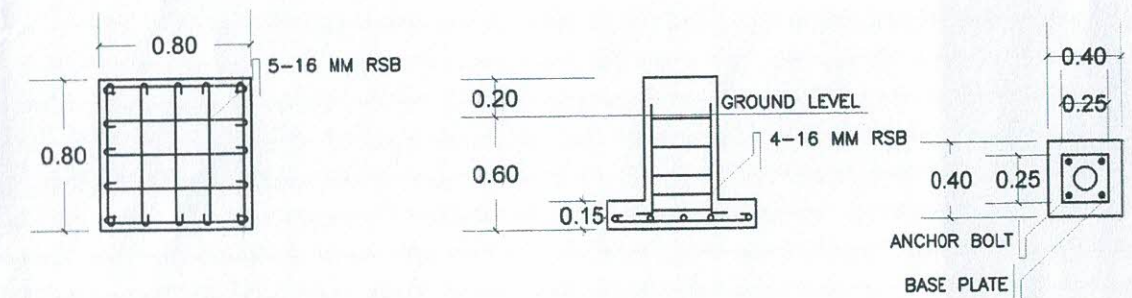
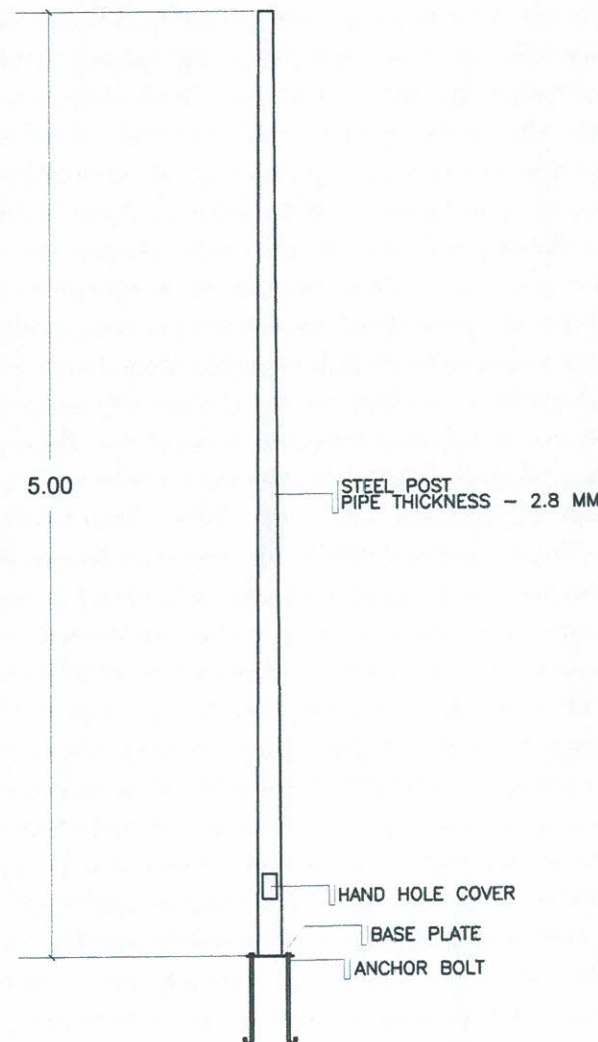
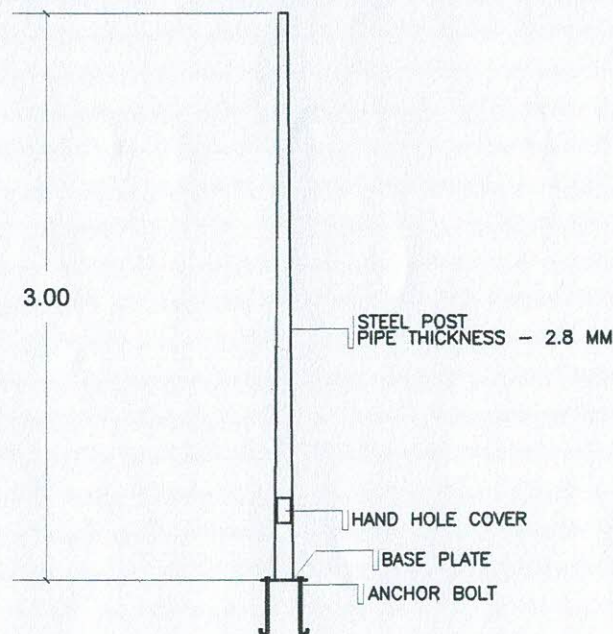
1 COMPACT SOLAR STREET LIGHT SPECIFICATION  
E 2 SCALE NTS

2 SOLAR FLOOD LIGHT SPECIFICATION  
E 2 SCALE NTS

| PREPARED BY:                     | END USER:                                                  | REVIEWED BY:                       | ENDORSED BY:                   | REC. APPROVAL:                                             | APPROVED BY:                    | PROJECT TITLE/ LOCATION:     | IMPLEMENTING AGENCY:                                                              | SHT NO:                          |
|----------------------------------|------------------------------------------------------------|------------------------------------|--------------------------------|------------------------------------------------------------|---------------------------------|------------------------------|-----------------------------------------------------------------------------------|----------------------------------|
| R. J. R. SANCHEZ<br>PDU<br>OVPPD | O. B. DELOS REYES<br>DIRECTOR<br>PLANNING AND DEVT. OFFICE | R. P. PENA<br>PROF. ELEC. ENGINEER | S. B. BAYOT JR.<br>HEAD<br>PDU | O. B. DELOS REYES<br>DIRECTOR<br>PLANNING AND DEVT. OFFICE | M. J. D. TEPORA<br>VPPD<br>CVSU | H. D. ROBLES<br>PRES<br>CVSU | IMPROVEMENT OF UNIVERSITY PLAZA PHASE 2<br>CAVITE STATE UNIVERSITY<br>MAIN CAMPUS | CAVITE STATE UNIVERSITY<br>E - 2 |

| STEEL POST DETAILS |     |        |                       |                 |             |               |
|--------------------|-----|--------|-----------------------|-----------------|-------------|---------------|
| BOTTOM             | TOP | HEIGHT | NUMBER OF ANCHOR BOLT | SHAFT THICKNESS | BOLT LENGTH | BOLT DIAMETER |
| 5"                 | 3"  | 5.0 M  | 4                     | 2.8 MM          | 20"         | 0.75"         |

| STEEL POST DETAILS |     |        |                       |                 |             |               |
|--------------------|-----|--------|-----------------------|-----------------|-------------|---------------|
| BOTTOM             | TOP | HEIGHT | NUMBER OF ANCHOR BOLT | SHAFT THICKNESS | BOLT LENGTH | BOLT DIAMETER |
| 4"                 | 2"  | 3.0 M  | 4                     | 2.8 MM          | 12"         | 0.625"        |



1  
E 3 SCALE 1:40 MTS

STEEL POST DETAILS FOR SL1

2  
E 3 SCALE 1:40 MTS

STEEL POST DETAILS FOR SL2

3  
E 3 SCALE 1:40 MTS

CONCRETE PEDESTAL DETAILS FOR STEEL POST

|  | PREPARED BY:            | END USER:                                                  | REVIEWED BY:                       | ENDORSED BY:                   | REC. APPROVAL:                                             | APPROVED BY:                    | PROJECT TITLE/ LOCATION:     | IMPLEMENTING AGENCY:                                                              | SHT NO:                    |
|-------------------------------------------------------------------------------------|-------------------------|------------------------------------------------------------|------------------------------------|--------------------------------|------------------------------------------------------------|---------------------------------|------------------------------|-----------------------------------------------------------------------------------|----------------------------|
|                                                                                     | R. J. R. SANCHEZ<br>PDU | O. B. DELOS REYES<br>DIRECTOR<br>PLANNING AND DEVT. OFFICE | R. P. PENA<br>PROF. ELEC. ENGINEER | S. B. BAYOT JR.<br>HEAD<br>PDU | O. B. DELOS REYES<br>DIRECTOR<br>PLANNING AND DEVT. OFFICE | M. J. D. TEPORA<br>VPPD<br>CVSU | H. D. ROBLES<br>PRES<br>CVSU | IMPROVEMENT OF UNIVERSITY PLAZA PHASE 2<br>CAVITE STATE UNIVERSITY<br>MAIN CAMPUS | CAVITE STATE<br>UNIVERSITY |