



BILL OF QUANTITIES

Project Title:		Additional Work for the Rehabilitation of RADDL/ FCAL Laboratory Building Roof Deck			
Brgy./Mun./Province:		DA- Soils Compound, Parola, Iloilo City			
Item No.	Scope of Works	Quantity	Unit	Unit Price (Php)	Amount (Php)
A	Mobilization / Demobilization	1.00	lot		
B	Occupational Safety and Health Program	1.00	lot		
C	Project Signboard and Billboard	1.00	lot		
D	Site Clearing (Removal of Existing Downspouts and Loose Concrete)	283.00	sq.m		
E	Scaffolding	1.00	lot		
F	Repair nad installation of Downspouts (Include Cleaning, Sealants, Supports and Painting)	1.00	lot		
G	Waterproofing Works	283.00	sq.m		
H	Repair of Steel Gate and Installation of Gutter (include Repainting)	1.00	lot		
	XXXXXXXXXXXX				
		TOTAL			

REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF AGRICULTURE
WESTERN VISAYAS
PAROLA, ILOILO CITY



DETAILED ENGINEERING DESIGN PLANS
ADDITIONAL WORK FOR THE
REHABILITATION OF RADDL/FCAL
LABORATORY BUILDING ROOF DECK
DA-SOILS COMPOUND, PAROLA, ILOILO CITY

Prepared by:

JERRY B. GUANCO, ABE
Engineer II

Reviewed by:

YVONNE GRACE H. SUR, ABE
Head, EPOSS

Submitted by:

MOSES D. KALAYAN, ABE, MEE
Chief, RADD

Recommending Approval:

Approved by:

DEBRA R. ARPILA
Regional Executive Director

Additional Work for the Rehabilitation of RADPU FCAL Laboratory Building Roof Deck

DA-SOILS COMPOUND, PAROLA, ILOILO CITY

CONTRACTOR
DATE STARTED
CONTRACT COMPLETION DATE
CONTRACT COST
VEHICLE TRAVEL OFFICE
SOURCE OF FUND

REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF AGRICULTURE
WESTERN VISAYAS
ILOILO CITY

1



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF AGRICULTURE
WESTERN VISAYAS
PAROLA, ILOILO CITY

ADDITIONAL WORK FOR
THE REHABILITATION OF
RADULFICAL LABORATORY
BUILDING ROOF DECK
SOILS COMPOUND, PAROLA, ILOILO
CITY

PROJECT NAME: BLOCKING
TOP VIEW
Actual View

DESIGNED BY: JERRY R. GUANCO, ASE
CHECKED BY: JERRY R. GUANCO, ASE
DATE: 10/10/2018

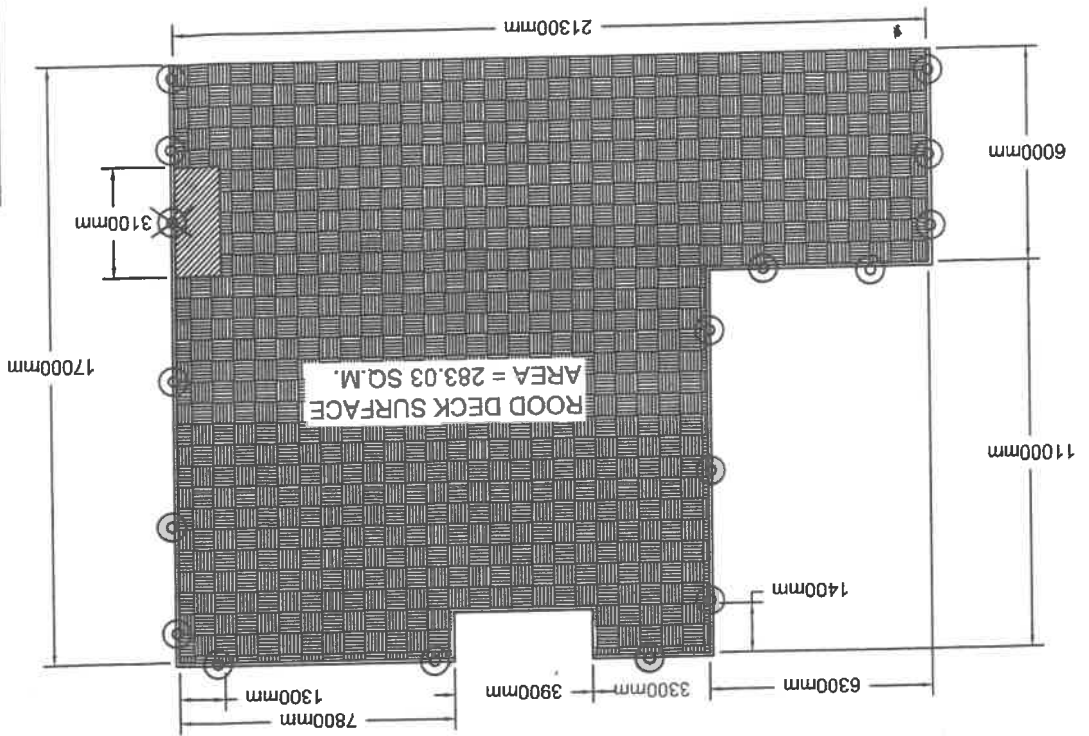
PROJECT NO.: 10/10/2018
DATE: 10/10/2018
DRAWN BY: JERRY R. GUANCO, ASE
CHECKED BY: JERRY R. GUANCO, ASE
DATE: 10/10/2018

PROJECT NO.: 10/10/2018
DATE: 10/10/2018
DRAWN BY: JERRY R. GUANCO, ASE
CHECKED BY: JERRY R. GUANCO, ASE
DATE: 10/10/2018

PROJECT NO.: 10/10/2018
DATE: 10/10/2018
DRAWN BY: JERRY R. GUANCO, ASE
CHECKED BY: JERRY R. GUANCO, ASE
DATE: 10/10/2018

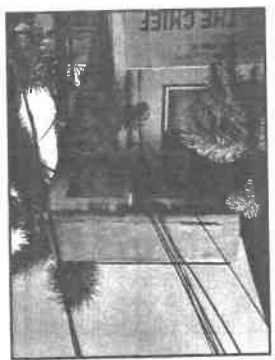
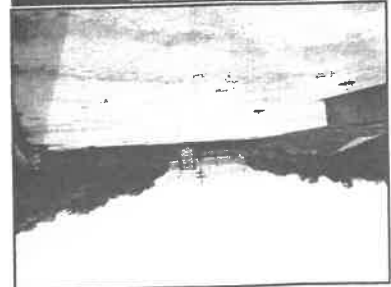
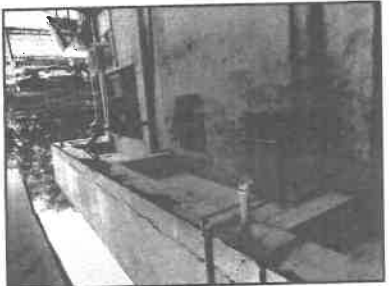
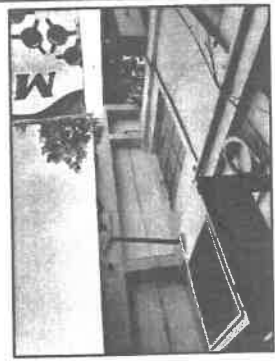
PROJECT NO.: 10/10/2018
DATE: 10/10/2018
DRAWN BY: JERRY R. GUANCO, ASE
CHECKED BY: JERRY R. GUANCO, ASE
DATE: 10/10/2018


TOP VIEW
SCALE
NTS



NOTE:
* REMOVE LOOSE CONCRETE AND GRIND
* APPLY CONCRETE HIGH VISCOSITY EPOXY (Confix HV or equivalent) ON ALL CRACKS AND EDGES
* APPLY SEALANT AND WATERPROOFING (Buildrite Sapal 2n1 or equivalent) (3 COATS)
* REMOVE ALL EXISTING DOWN SPOUTS AND INSTALL NEW 2" PVC ORANGE PIPE S1000 WITH
FITTINGS, SUPPORTS AND PAINTING, WITH STAINLESS GUTTER STRAINER AND SOME
DOWNSPOUT WILL FULLY COVERED
* DO LEAK TEST
DOWN SPOUT - (C)

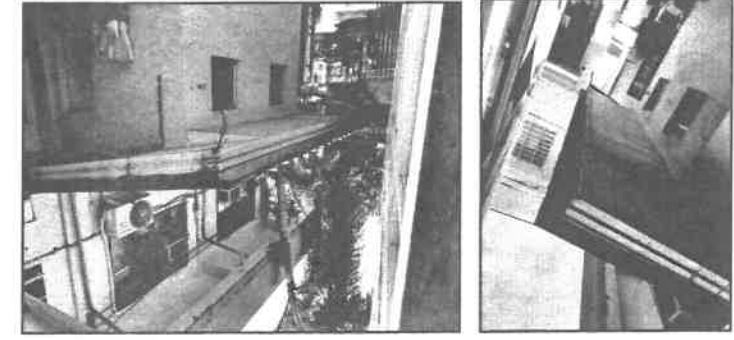
ACTUAL VIEW
SCALE
NTS



 DEPARTMENT OF AGRICULTURE WESTERN VISAYAS PAROLA, ILOILO CITY	ADDITIONAL WORK FOR THE REHABILITATION OF RADD/FICAL LABORATORY BUILDING ROOF DECK SOILS COMPOUND, PAROLA, ILOILO CITY	Actual View of Catch Basin Actual View of Steel Gate Gutter Actual View for Installation of	ENGINEER JERRY B. GUANCO, ABE	SPECIALIST IVONNE GRACE R. SUDIN, ABE	SUPERVISOR JOSEPH D. MANANAY, ABE, MEE	REGIONAL ENGINEER DENNIS M. ALIAGA	SHEET NO.: 3
--	---	--	----------------------------------	--	---	---------------------------------------	-----------------

ACTUAL VIEW FOR INSTALLATION OF GUTTER

SCALE

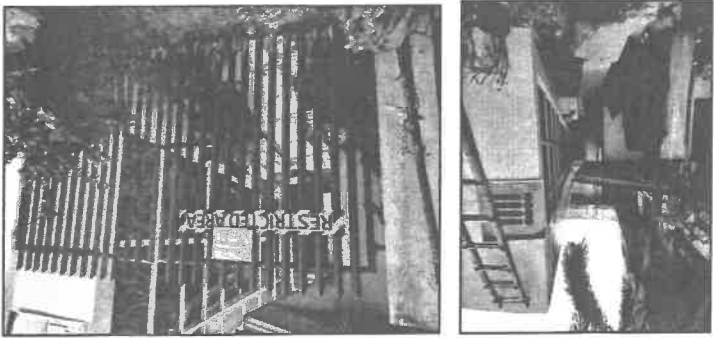


NOTE:
 * Install 5-meter length of Pre-painted Gutter 0.5mm thk with
 downspout and other accessories connecting to existing catch
 basin

ACTUAL VIEW OF STEEL GATE

SCALE

NTS

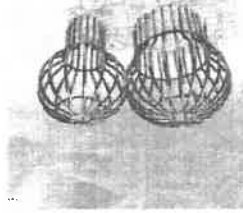


NOTE:
 * Repair Steel gate with existing gate materials and repainting
 * Install Fabricated Barrel Bolt Lock and apply grease
 * Install Post for Gate Lock Support using existing Gate
 Materials with Concrete pedestal/foundation

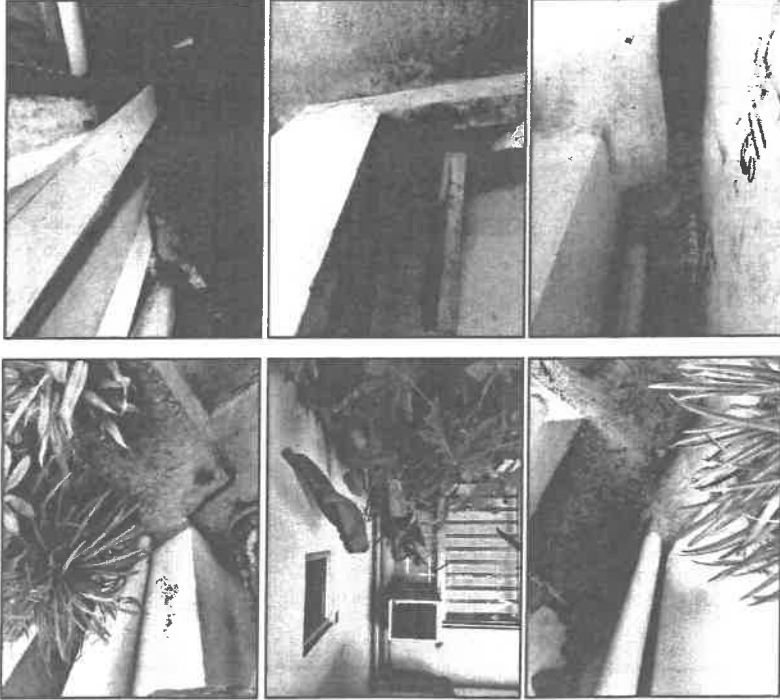
ACTUAL VIEW OF CATCH BASINS

SCALE

NTS



Stainless Gutter Strainer Reference

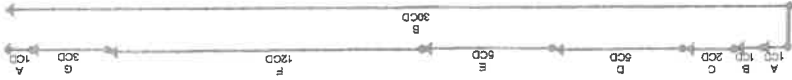


NOTE:
 * Clean all downspout/sewer drains using Drain Cleaner Tools and Pressure Spray Washer
 * Remove and install new pipelines on dilapidated/old pipes of downspout
 * Install Stainless Gutter Strainer



Project Name: Additional Work for the Rehabilitation of RADDU/ FCAL Laboratory Building Roof Deck
Location: DA- SoHo Compound, Parola, Iloilo City
Project Duration: 30 calendar days
Total Estimated Project Cost: Php. 399,235.20

CONSTRUCTION SCHEDULE AND S-CURVE



Item No.	Scope of Works	% Weight	Quantity	Unit	Adjusted Unit Cost	Total
A	Mobilization / Demobilization	0.60%	1.00	lot	3,184.28	3,184.28
B	Construction Safety and Health Program	0.64%	1.00	lot	14,545.90	14,545.90
C	Project Signboard and Billboard	4.68%	1.00	lot	16,691.33	16,691.33
D	Site Clearing / Removal of Existing Downspouts and Loose Concrete	4.38%	283.00	sq.m	61.87	17,523.74
E	Scalloping	14.54%	1.00	lot	54,036.75	54,036.75
F	Repair and installation of Downspouts (include Cleaning, Sealing, Supports and Painting)	19.02%	1.00	lot	75,914.61	75,914.61
G	Waterproofing Works	49.03%	283.00	sq.m	649.31	183,770.83
H	Repair of Steel Gable and installation of Gutter (include Riveting)	5.61%	1.00	lot	27,582.67	27,582.67
					399,235.20	399,235.20
					Target Financial	
					Periodic	
					Cumulative	
					19.04%	
					44.72%	
					102,523.95	
					178,546.63	
					289,131.66	
					24.63%	
					97.06%	
					88,947.46	
					397,479.12	
					2.94%	
					100.00%	
					399	

NOTE: PERT/CPM network diagram was adjusted/corrected for holidays, Sundays and pre-determined unworkable days due to weather

Number of Working Days (Calendar Days)

Sundays and Holidays: 4 days

Total Number of Calendar Days: 30 days (PROJECT DURATION)

Prepared by:

AGERRY S. GILANCO, ABE

Engineer II

Reviewed by:

YVONNE S. GARCIA, SUR. ABE

Head, P.O.S.S

Submitted by:

MOISES D. MALABAY, ABE, MEE

Chief, P.O.S.S

Recommending Approval:

Approved by:

DENNIS R. ARPIA

REGIONAL EXECUTIVE DIRECTOR