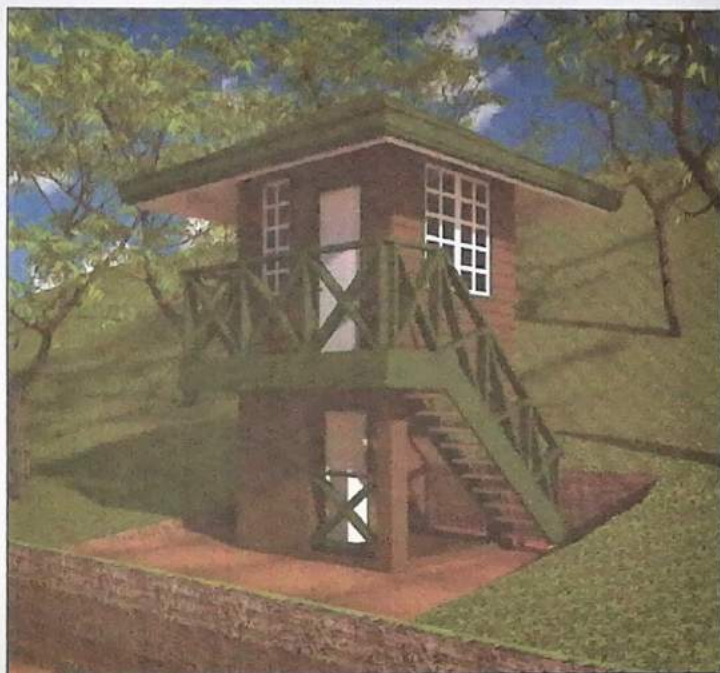
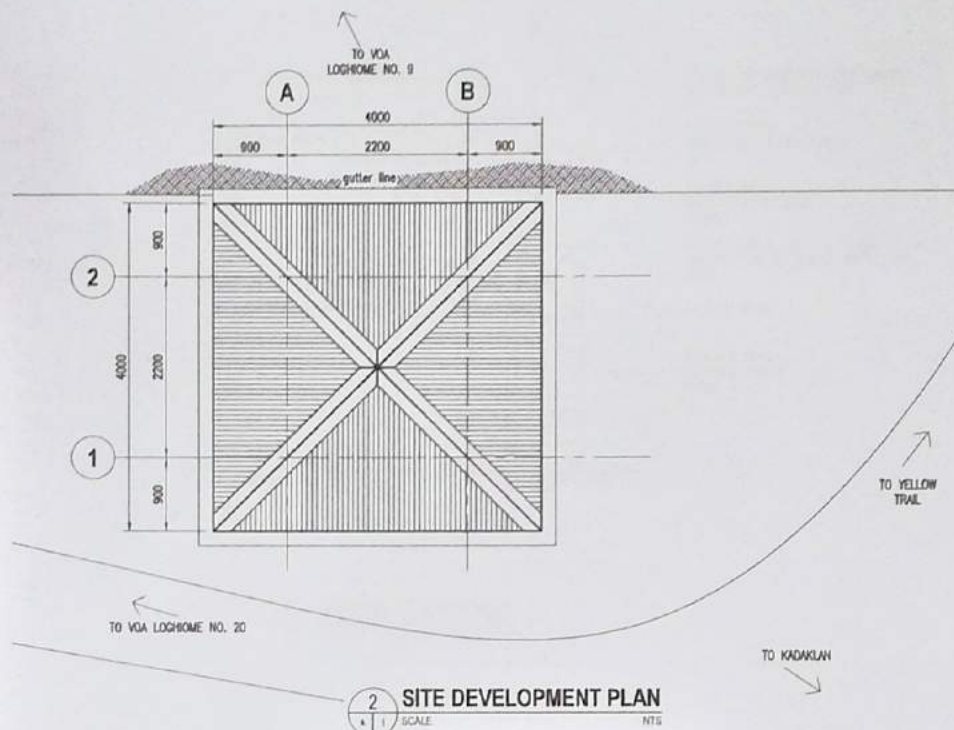




1 PERSPECTIVE
A 1 SCALE

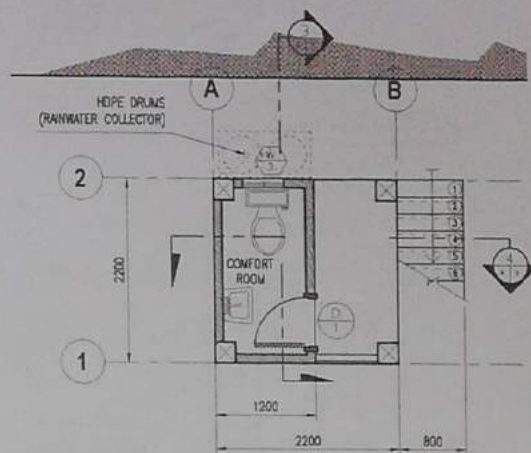


REMARKS:

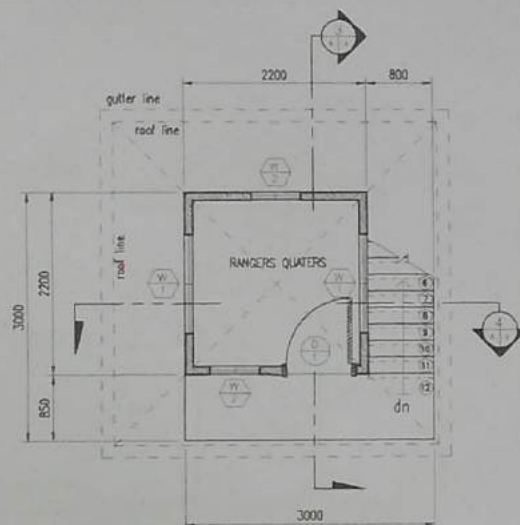
-RELOCATION OF OLD KADAKLAN RANGER STATION FROM KADAKLAN VILLAGE TO YELLOW TRAIL (BELOW VOA LOGHOME NO.9 AND INTERSECTION GOING TO KADAKLAN VILLAGE) WITHIN JHSEZ.

-DEMOLITION OF OLD RANGER STATION LOCATED AT KADAKLAN VILLAGE CARE OF SSD

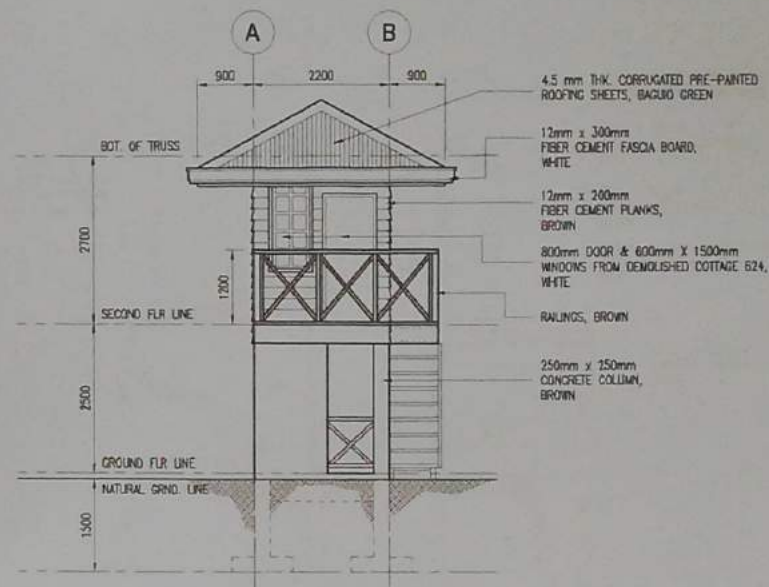
Republic of the Philippines Office of the President JHMC JOHN HAY MANAGEMENT CORPORATION A member of The JHSA Group	
SHEET CONTENT PERSPECTIVE SITE DEVELOPMENT PLAN VICINITY MAP	
PROJECT TITLE RELOCATION OF KADAKLAN RANGER STATION	
LOCATION OF PROJECT YELLOW TRAIL, JHSEZ (BELOW VOA LOGHOME NO. 9 INTERSECTION GOING TO KADAKLAN VILLAGE)	
NOTED BY ENGR. [Signature], AIA	
CHECKED & APPROVED BY ARCH. LUZVINA B. NEGOS, ARMBAN	
DRAFTED BY ARCH. MARCO C. DUCLAYAN	
DATE: 14 FEBRUARY 2017	PAGE: 103



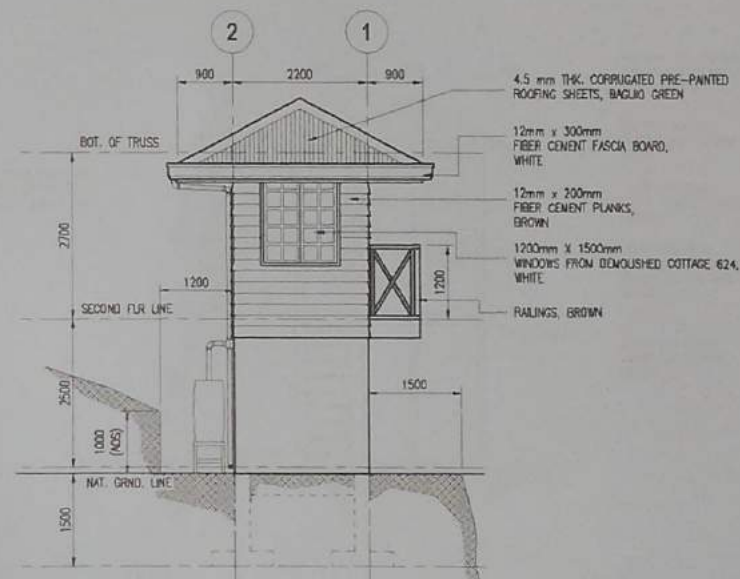
FIRST FLOOR PLAN
KADACLAN RANGER STATION



SECOND FLOOR PLAN
KADACLAN RANGER STATION



FRONT ELEVATION



LEFT SIDE ELEVATION



ABBREVIATION:
VOS-VERIFY ON SITE
AOS-ADJUST ON SITE

REMARKS:

ARCHITECTURAL WORKS
SALVAGE MATERIALS FROM DEMOLISHED
COTTAGE 624 WILL BE USED FOR THIS
PROJECT

- 2 SETS OF-1.20mm X 1.50mm
WINDOWS
- 2 SETS OF-0.60mm X 1.50mm
WINDOWS
- 1 SET OF DOOR-800mm X 2100mm



SUBJECT CONTENT
FLOOR PLANS
ELEVATIONS

PROJECT TITLE
RELOCATION OF KADACLAN
RANGER STATION

LOCATION OF PROJECT
YELLOW TRAIL, ARBEZ
(BELOW VO A LOG HOME NO. 1,
INTERSECTION TO KADACLAN VILLAGE)

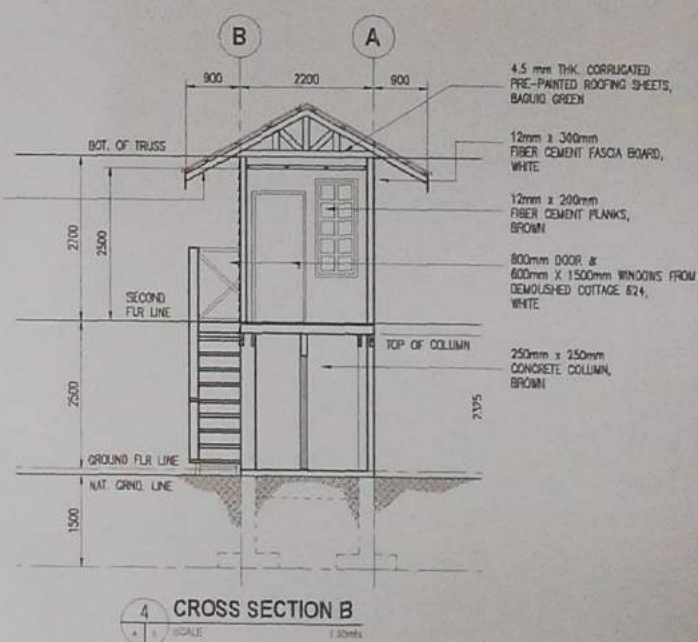
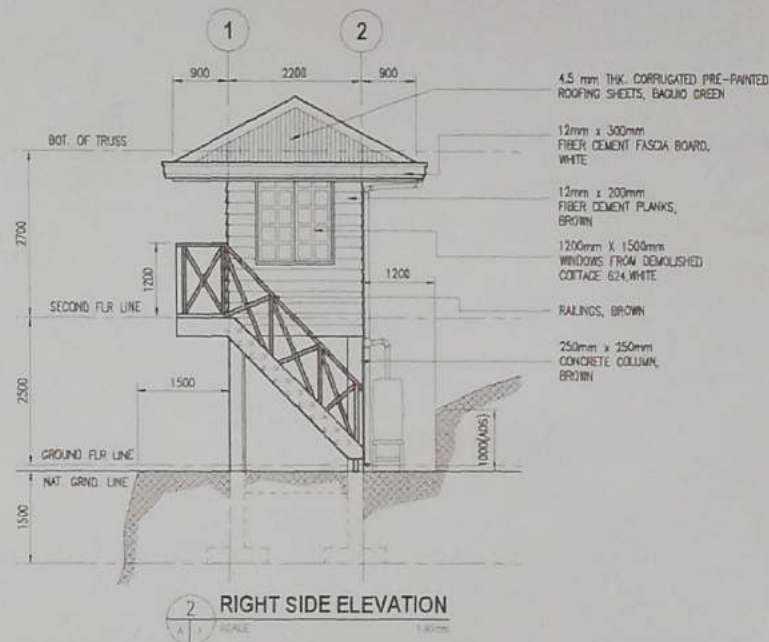
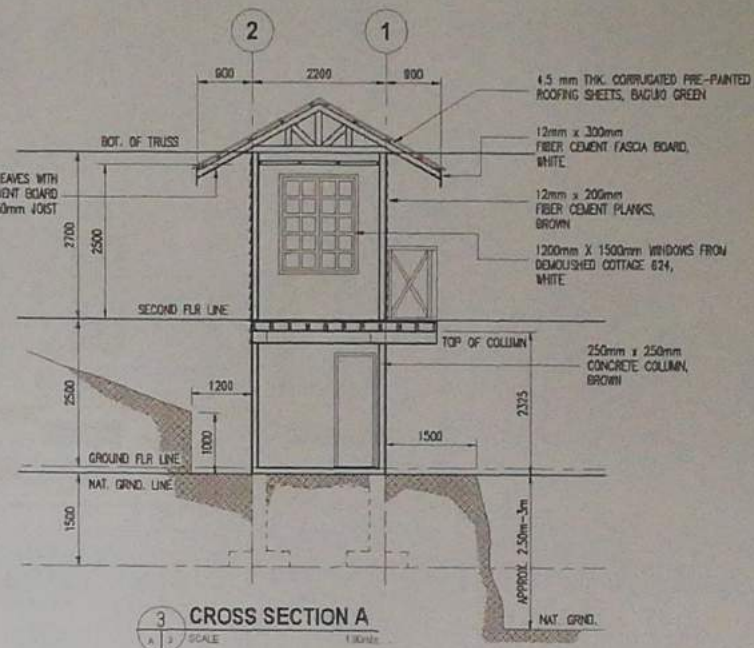
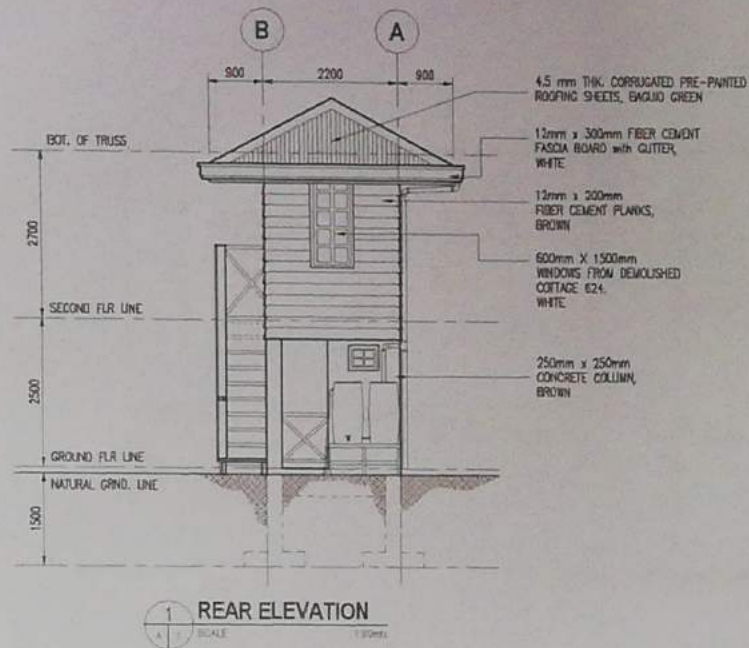
NOTED BY
ERICK B. BAYAN, V. ANA

CHECKED BY
ARCH. LUCYVIRDA B. WIGAN, R. ANA

DRAWN BY
ARCH. MAURENCE B. GAYAN

DATE: 14 FEBRUARY 2011

RELOCATION OF KADACLAN RANGER STATION



ABBREVIATION:
VOS-VERIFY ON SITE
AOS-ADJUST ON SITE

REMARKS:

ARCHITECTURAL WORKS
SALVAGE MATERIALS FROM DEMOLISHED COTTAGE 624 WILL BE USED FOR THIS PROJECT

-2 SETS OF-1.20mm X 1.50mm WINDOWS
-2 SETS OF-0.60mm X 1.50mm WINDOWS
-1 SET OF DOOR-800mm X 2100mm

Republic of the Philippines Office of the President JHMC JOHN HAY MANAGEMENT CORPORATION (Incorporated in the Philippines)	
SHEET NO. 001 ELEVATIONS SECTIONS	PROJECT TITLE RELOCATION OF KADAGLAY RANGER STATION
LOCATION OF PROJECT YELLOW TRAIL, JMSZ (BELONG TO A LOGGING NO. 6, INTERSECTION (TO KADAGLAY BELONG))	
NOTED BY ENGR. GILBERT S. ANA	DESIGNED & DRAWN BY ARCH. LUCYMARIA R. BURGOS
DRAWN BY ARCH. MATHIELO S. GONZALEZ	DATE 14 FEBRUARY 2020
RELOCATION OF KADAGLAY RANGER STATION	

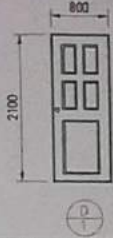
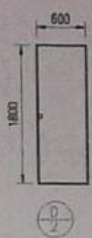
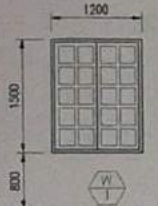
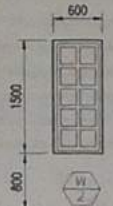
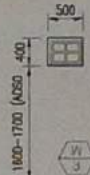
ABBREVIATION:

VOS-VERIFY ON SITE
AOS-ADJUST ON SITE

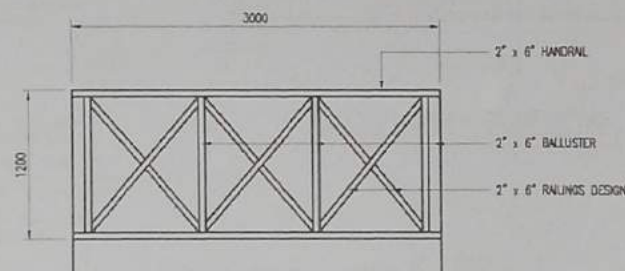
REMARKS:

ARCHITECTURAL WORKS
SALVAGE MATERIALS FROM DEMOLISHED
COTTAGE 624 WILL BE USED FOR THIS
PROJECT

- 2 SETS OF-120mm X 150mm
WINDOWS
- 2 SETS OF-0.60mm X 150mm
WINDOWS
- 1 SET OF DOOR-800mm X 2100mm

				
DESCRIPTION: SOLID CORE PANEL DOOR FROM DEMOLISHED COTTAGE 624	DESCRIPTION: FLUSH DOOR WITH JAMB & 1" MARINE PLYWOOD	DESCRIPTION: WINDOW CASEMENT FROM DEMOLISHED COTTAGE 624	DESCRIPTION: WINDOW CASEMENT FROM DEMOLISHED COTTAGE 624	DESCRIPTION: WINDOW CASEMENT WITH 4.5mm THK CLEAR GLASS
LOCATION: RANGER QUARTERS @ SECOND FLR	LOCATION: RANGER QUARTERS @ SECOND FLR	LOCATION: RANGER QUARTERS @ SECOND FLR	LOCATION: RANGER QUARTERS @ SECOND FLR	LOCATION: COMFORT ROOM
QTY: 1 SET	QTY: 1 SET	QTY: 2 SETS	QTY: 2 SETS	QTY: 1 SET

1 DOOR AND WINDOW SCHEDULE



2 RAILINGS DERAILS



SHEET CONTENT
ELEVATIONS
SECTIONS

PROJECT TITLE
RELOCATION OF KADACLAN
RANGER STATION

LOCATION OF PROJECT
YELLOW TRAIL, JASIT
(BELOY KOALONGHOM RD. 3
INTERSECTION going TO KADACLAN VILLAGE)

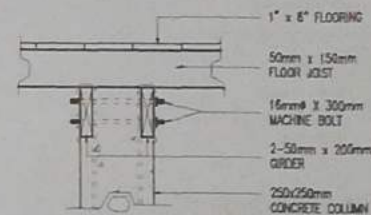
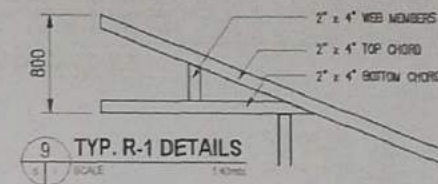
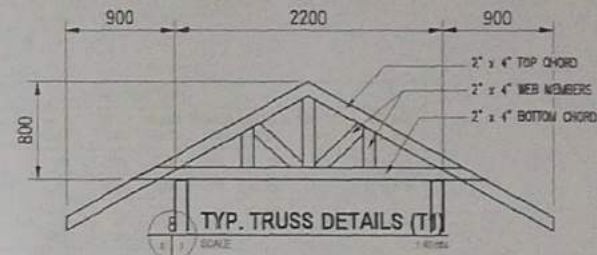
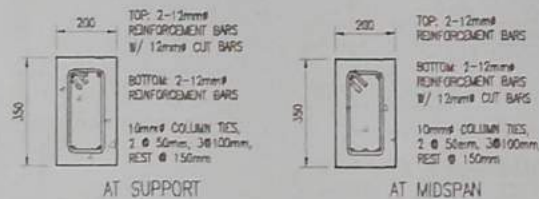
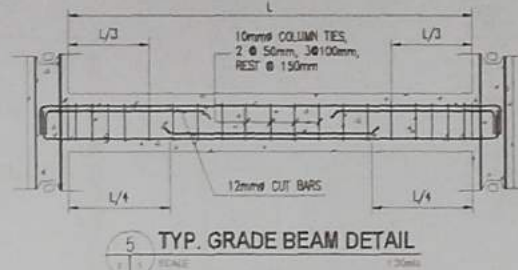
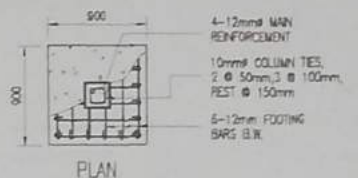
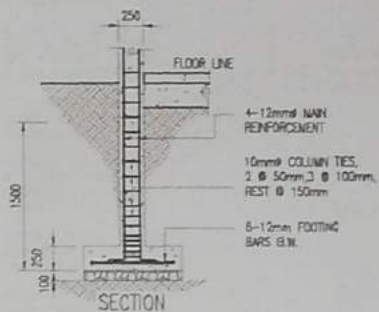
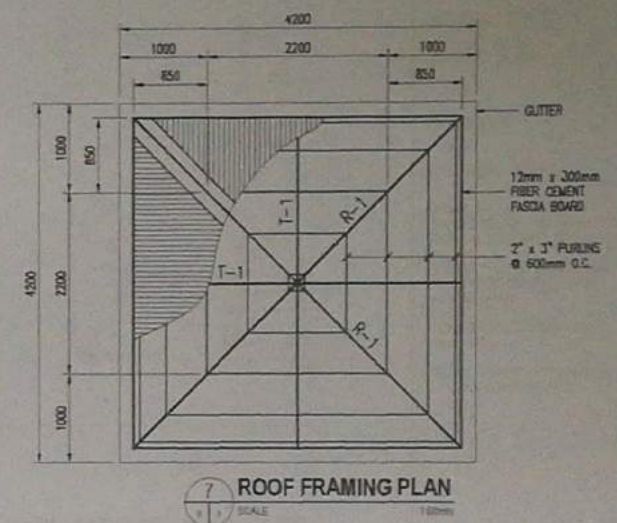
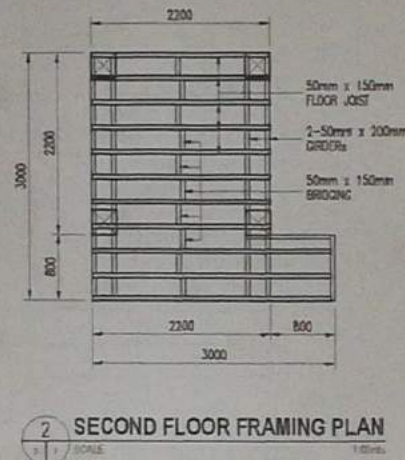
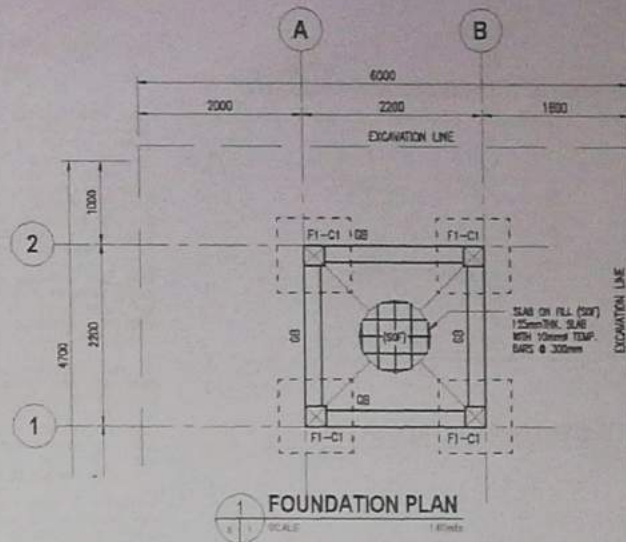
NOTED BY: 
ENGR. BOBOY V. ANIA

CHECKED & APPROVED BY: 
ARON L. UY

DRAWN BY: 
ARON L. UY

DATE: 14 FEBRUARY 2011 PAGE: 013

RELOCATION OF KADACLAN RANGER STATION



ABBREVIATION:
VOS=VERIFY ON SITE
AOS=ADJUST ON SITE

Representative of the Professional Engineer of the President JHMC JHMC MANAGEMENT CORPORATION (Incorporated in the State of New Jersey)	
SHEET CONTENT	
STRUCTURAL FOUNDATION PLAN & DETAILS	
FIRST FLOOR PLAN & DETAILS	
PROJECT TITLE	
RELOCATION OF KADIA CLAN RANGER STATION	
LOCATION OF PROJECT	
YELLOW TRAIL, ARIZONA	
SECTION VIA LONGHORN RD.	
INTERSECTION WITH KADIA CLAN WILLAGE	
DESIGNED BY	
ENGR. SCOTT E. APRA	
CHECKED BY	
ARCH. LUTHERIA M. WOOD	
DATE	5/1
DATE	5/1
REVISIONS	
NO. 1	

ELECTRICAL NOTES and LEGENDS :

1. ALL ELECTRICAL WORKS HEREIN SHALL BE DONE IN ACCORDANCE WITH THE PHILIPPINE ELECTRICAL CODE, WITH THE RULES AND REGULATIONS OF NATIONAL AND LOCAL AUTHORITIES CONCERNED IN THE ENFORCEMENT OF ELECTRICAL LAWS AND WITH THE RULES AND REGULATIONS OF THE UTILITY COMPANY CONCERNED.

2. THE CONTRACTOR SHALL VERIFY AND ORIENT THE ACTUAL LOCATION OF THE CONCRETE TERMINAL POLE FOR CONNECTION TO THE POWER SUPPLY AND TELEPHONE SERVICE.

3. ALL INSTALLATION SHALL BE CONCEALED FROM VIEW. WIRING SHALL BE ENCASED IN POLYVINYL CHLORIDE (PVC) SCHEDULE 40 EXCEPT POWER AND TELEPHONE SERVICE ENTRANCE WHICH SHALL BE IN RIGID STEEL CONDUIT UNLESS OTHERWISE NOTED.

4. PULL BOXES OF APPROPRIATE SIZES SHALL BE PROVIDED, EVEN IF NOT INDICATED IN DRAWINGS TO ACCOMMODATE THE NUMBER OF SPLICES OR WIRES.

5. ALL MATERIALS TO BE USED SHALL BE NEW AND APPROVED TYPE APPROPRIATE FOR BOTH LOCATION AND INTENDED USE.

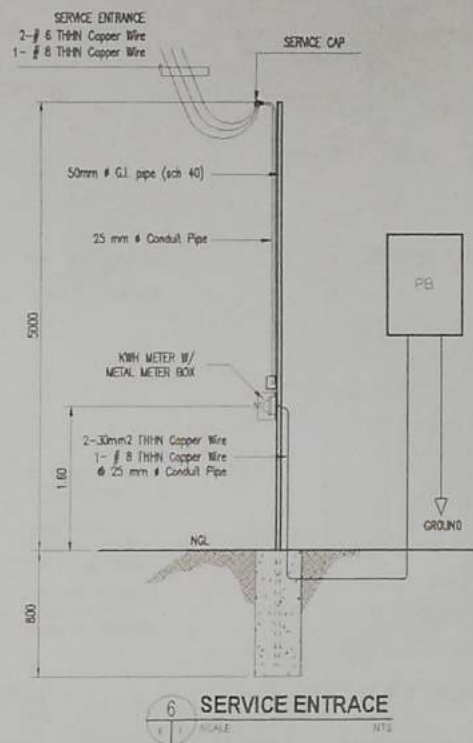
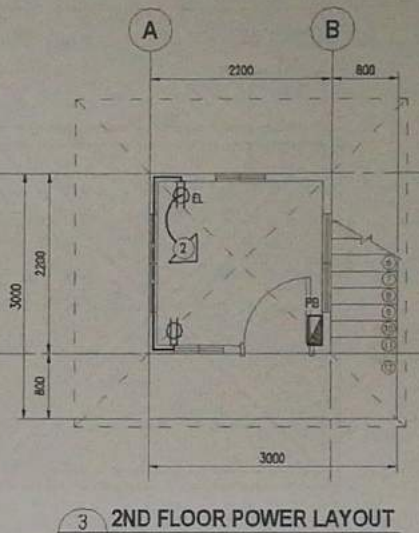
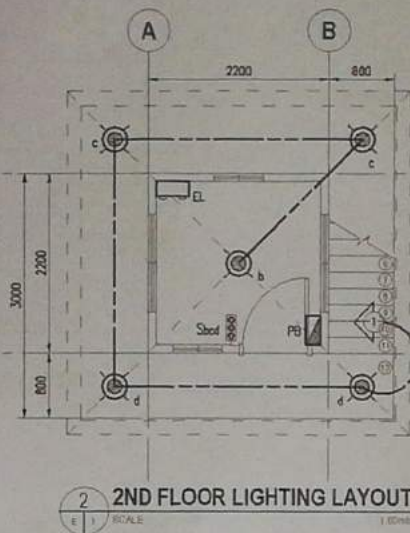
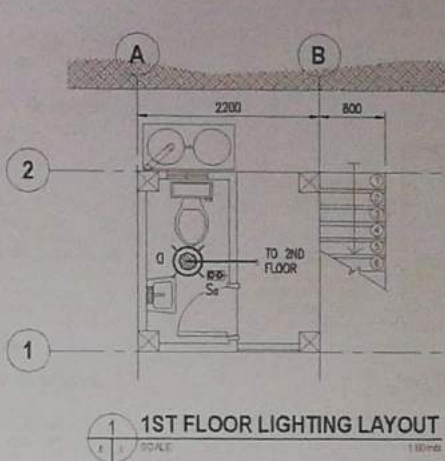
6. LIGHT SWITCHES SHALL BE INSTALLED FOR OPERATION WITH VERTICAL MOTION.

7. ELECTRICAL INSTALLATION SHALL BE UNDER THE DIRECT SUPERVISION OF A DULY LICENSED ELECTRICAL ENGINEER.

8. MOUNTING HEIGHTS FOR ALL WIRING DEVICES:
B.1 PANEL BOARD - 1.70m FROM TOP OF PANEL BOARD TO FINISH FLOOR LINE.
B.2 LIGHT SWITCH - 1.40 FROM CENTER OF DEVICE TO FINISH FLOOR.

ELECTRICAL LEGENDS :

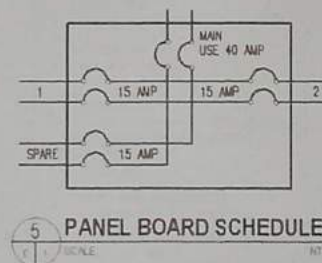
- LIGHTING FIXTURE, LED LIGHTS
- CONVENIENCE OUTLET
- EMERGENCY LIGHT OUTLET
- 3-GANG SWITCH
- EMERGENCY LIGHT, LED TYPE
- LIGHTING LINE
- POWER LINE
- CIRCUIT
- PANEL



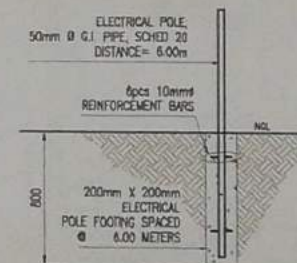
LOAD SCHEDULE							
CIRCUIT NO.	LOAD DESCRIPTION	NO. OF OUTLETS	POWER (VA)	VOLTAGE (VOLTS)	CURRENT (AMP)	BREAKER RATING	WIRE SIZE (mm ²)
1	LIGHTING	6	600	230	2.61	15 AMP	2.0
2	CONVENIENCE OUTLET	2	360	230	1.57	15 AMP	3.5
SPARE				230		15 AMP	
TOTAL			1040		4.18		

USE:
MAIN FEEDER CONDUCTOR 2 - #8.0 mm² THHN Stranded Copper Wire
GROUND CONDUCTOR 1 - #6.0 mm² THHN Stranded Copper Wire
MAIN DISCONNECT 40 Amperes, 2 pole, 250 Volt Circuit Breaker

4 LOAD SCHEDULE
SCALE NTS



5 PANEL BOARD SCHEDULE
SCALE NTS



7 ELECTRICAL POST DETAILS
SCALE 1:100m

ABBREVIATION:

VOS-VERIFY ON SITE
ADG-ADJUST ON SITE

REMARKS:

ELECTRICAL WORKS

- SOURCE OF ELECTRICITY:
EXISTING BENEVO POST NEAR KADAKLAN BASKETBALL COURT.
- DISTANCE FROM BASKETBALL COURT TO PROPOSED RANGER STATION = 114.00 METER
- DISTANCE OF ELECTRICAL POLE = 6.00 METERS
- NO. OF ELECTRICAL POLE NEEDED = 19 PCS ELECTRICAL POLE

JOHN HAY MANAGEMENT CORPORATION
Office of the President
JHMC
JOHN HAY MANAGEMENT CORPORATION
1000 N. 10th St., Suite 100, Phoenix, AZ 85004

PROJECT TITLE
RELOCATION OF KADAKLAN RANGER STATION

LOCATION OF PROJECT
YELLOW TAIL, JUNEZ
RELIQUARY LAGOON, N. 9,
INTERSECTION TO KADAKLAN VILLAGE

NOTED BY
ENR. BARRY V. ANTA

CHECKED/APPROVED BY
ARCH. LIZARDIA B. RODRIGUEZ

DATE
14 FEBRUARY 2021

PROJECT NO.
E1

RELOCATION OF KADAKLAN RANGER STATION

1. WASTE WATER CALCULATION

ESTIMATED WATER CONSUMPTION

OCCUPANTS = 5 PERSONS x 200 LITERS / DAY
= 1,000 LITERS/DAY

ESTIMATED WASTE WATER PRODUCED

= 1,000 LITERS/DAY x 60% = 600 LITERS/DAY
(1 cu.m = 1000 LITERS)
= 600 LITERS / 1000 LITERS
= 0.60 cu.m PER DAY

2. WATER TANK COMPUTATION

NO. OF PERSONS: 5 PERSONS
GALLONS PER PERSON PER DAY: 75 GALLONS
GALLONS PER DAY: 5 x 75 GALS. = 375 GALS
CONSTANT: DAILY SEWAGE FLOW IN GAL. 1.125 AND .75
FORMULA:

$$V = 1.125 + 750$$

$$V = 1.125 + 75(375)$$

$$V = 282.38 \text{ GALLONS}$$

$$(1 \text{ cu.m} = 264 \text{ GAL})$$

$$V = 282.38 \text{ GALLONS} / 264 \text{ GALLONS}$$

$$V = 1.07 \text{ CU.M.}$$

3. SEPTIC TANK DIMENSION, MIN. DEPTH IS 1.20 mts AND WIDTH IS 1.00m

LENGTH OF DIGESTION CHAMBER

$$L = \text{VOLUME} / \text{WIDTH} \times \text{DEPTH}$$

$$L = 1.07 \text{ CU.M.} / 1.00 \times 1.20$$

$$L = 0.90 \text{ METERS}$$

TOTAL LENGTH:

$$= L / 2 + L$$

$$= 0.90 / 2 + 0.90 = 1.35 \text{ meters}$$

REQUIRED SEPTIC TANK SIZE

$$= L \times W \times D$$

$$= 1.35 \text{m} \times 1.00 \times 1.20 = 1.62 \text{ CU. M.}$$

PROPOSED SEPTIC TANK SIZE

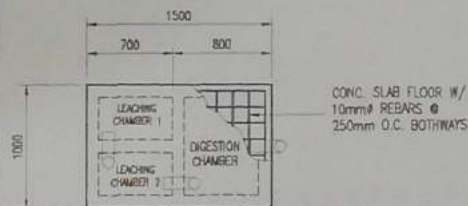
$$= L \times W \times D$$

$$= 1.50 \times 1.00 \times 1.20 = 1.80 \text{ CU. M. (SAFE)}$$

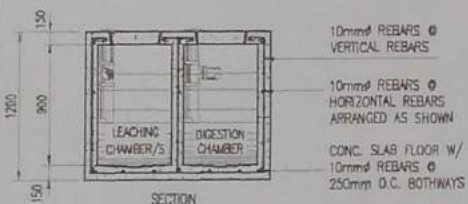
WASTE WATER AND

WATER TANK COMPUTATION

1/4" SCALE 1/4" = 1' 0"



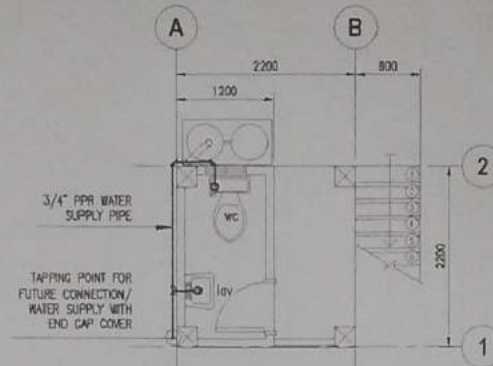
PLAN



SECTION

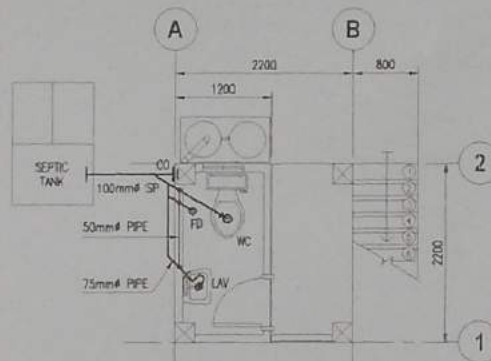
2 SEPTIC TANK DETAILS

1/4" SCALE 1/4" = 1' 0"



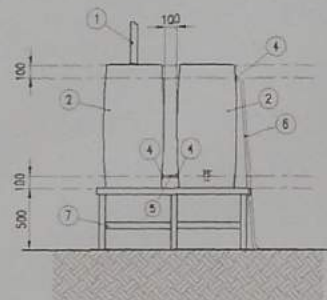
3 WATER LINE LAYOUT

1/4" SCALE 1/4" = 1' 0"



4 SEWER LINE LAYOUT

1/4" SCALE 1/4" = 1' 0"

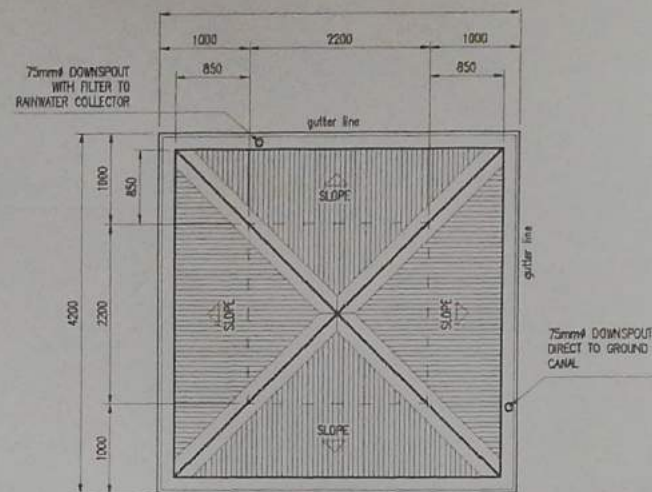


6 HDPE DRUMS - RAINWATER COLLECTOR

1/4" SCALE 1/4" = 1' 0"

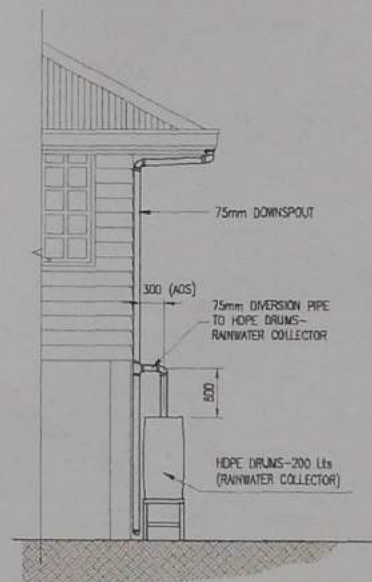
MARK	DESCRIPTION
1	75mm# PIPE
2	HOPE DRUMS, 160 LT
3	1" HOSE END WITH 3/4" PIPE THREAD, WITH WASHER (INSIDE & OUTSIDE), COUPLING, BUSHING
4	OVERFLOW VALVE
5	3/4" PIPE THREAD WITH 1" HOSE ADAPTER, WITH WASHER (INSIDE & OUTSIDE) & LOCK NUT
6	WATER HOSE CONNECTED TO OVERFLOW VALVE c/o JHMC
7	HOPE DRUMS WATER STAND (from JHMC STOCK)

NOTE



5 STORM DRAIN LAYOUT

1/4" SCALE 1/4" = 1' 0"

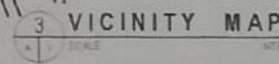
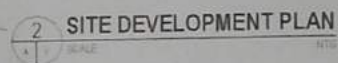


7 DOWNSPOUT TO RAINWATER COLLECTOR

1/4" SCALE 1/4" = 1' 0"

Prepared by: *[Signature]*
Checked by: *[Signature]*
Office of the President
JHMC
JOHN HAN MANAGEMENT CORPORATION
1000 N. 10th St., Suite 100, Phoenix, AZ 85004
SHEET CONTENT
ALL SHEETS
PROJECT TITLE
RELOCATION OF KADACLAN RANGER STATION
LOCATION OF PROJECT
YELLOW TRAIL, SHIZZ (BELOW WDA LOUHOUSE NO. 8 WATER CANAL) TO KADACLAN WELLS
NOTED BY: *[Signature]*
ENGINEER: ROBERT V. ANA
CHECKED & APPROVED BY: *[Signature]*
ARCH. LUCYDIA A. RICO
DRAWN BY: *[Signature]*
ARCH. MARK O. OCUCLAN
DATE: 14 FEBRUARY 2021
PAGE: 1/2
RELOCATION OF KADACLAN RANGER STATION

-DEMOLITION OF OLD
RANGER STATION LOCATED
AT KADAKLAN VILLAGE
CARE OF SSD



SECRETARY OF THE YAKSINIKS
 (Office of the President)
JHMC
 JOINT HAI MANAGEMENT CORPORATION
 10000 - 100th Ave. S.E. 100000

(NAME) (LAST NAME)
 (FIRST NAME)
 (MIDDLE NAME)
 (MIDDLE NAME)
 (MIDDLE NAME)

PROJECT TITLE
 RELOCATION OF KADA CLAN
 CONTROL POINT

LOCAL/NEIGHBOR PROJECT
 YELL CHU TRAIL, JAGZ
 SELLCHU YUOLLOCHORHO, MO. 8
 INTERSECTING (YELL CHU TRAIL, KAZAKILAN YELL LAZI)

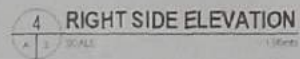
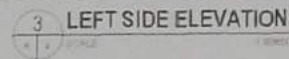
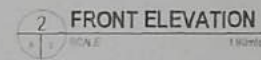
RAISED BY:
 7/6
 ENGR. ANDY V. SACA

CHECKED BY: *[Signature]*
 ATCH. (LIZYEMINDA R. MOGOT) AND ANDIN

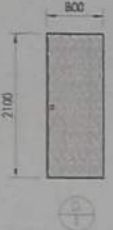
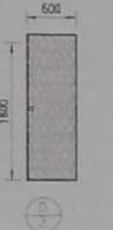
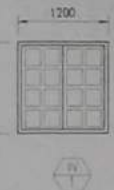
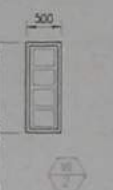
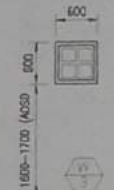
DRAFTED BY:
 ANDY MARLOU C. CALABAN

DATE: 14 FEBRUARY 2011

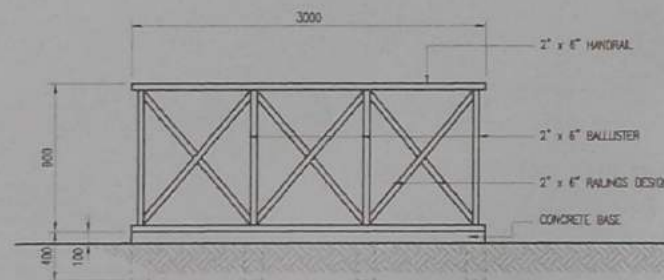
REVISION OF: CONTROL POINT



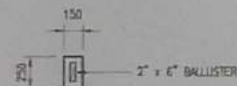
MEMORANDUM FOR THE PRESIDENT (Office of the President)	
JHMC	
JOHN BAY MANAGEMENT CORPORATION <i>(a subsidiary of JHMC, Inc.)</i>	
SUBJECT: CONTROL LOCATION ELEVATION	
PROJECT TITLE	
RELOCATION OF KADALAN CONTROL POINT	
LOCATION OF PROJECT YELLOW TRAIL, JHRC (985.00' WGS 1 LOCATION WD. 1 INTERSECTION OF KADALAN VILLAGE)	
NOTED BY: <i>[Signature]</i>	
ENGINEER: ENGR. BENNY Y. AGA	
CHECKED BY: <i>[Signature]</i>	
ARCH. LUTHERUS A. M. RIZAL, JR. CIVILIAN	
DRAWN BY: ARCH. MARCOLO G. SUCALAN	
DATE: 6/11/2009	DATE: 6/11/2009
PAGE: 8/11	PAGE: 8/11

				
DESCRIPTION: FLUSH DOOR WITH JAMB & 1" MARINE PLYWOOD	DESCRIPTION: FLUSH DOOR WITH JAMB & 1" MARINE PLYWOOD	DESCRIPTION: WINDOW CASEMENT WITH 4.5mm THK CLEAR GLASS	DESCRIPTION: FIXED WINDOW CASEMENT WITH 4.5mm THK CLEAR GLASS FROM DEMOLISHED COTTAGE #24	DESCRIPTION: WINDOW CASEMENT WITH 4.5mm THK CLEAR GLASS FROM DEMOLISHED COTTAGE #24
LOCATION: FRONT ELEVATION	LOCATION: RIGHT SIDE ELEVATION	LOCATION: LEFT & REAR ELEVATION	LOCATION: RANGER QUARTERS @ SECOND FUR	LOCATION: COMFORT ROOM
QTY: 1 SET	QTY: 1 SET	QTY: 2 SETS	QTY: 2 SETS	QTY: 1 SET

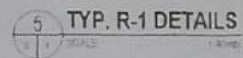
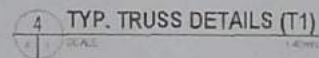
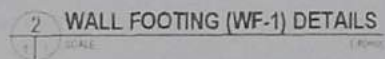
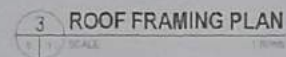
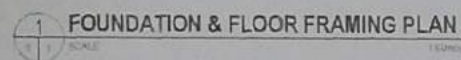
1 DOOR AND WINDOW SCHEDULE
SCALE: 1/8"=1'-0"



2 RAILINGS DETAILS
SCALE: 1/8"=1'-0"



AUTHORITY OF THE PROJECT OFFICE OF THE PRESIDENT JHMC JOINT HAZARD MANAGEMENT CORPORATION 11000 LINDEN BLVD, SUITE 100 DALLAS, TEXAS 75243	
PROJECT NO.	
PROJECT NAME	
PROJECT TITLE	RELOCATION OF KADACLAN CONTROL POINT
LOCATION OF PROJECT	YELLOWTRAIL, PHASE (BIL OH VOA L OOH BIE NO. 1) INTERSECTION (along TO KADACLAN VILLAGE)
NOTED BY	 ENGR. BOBBY V. AJA
CHECKED/SUPPLEMENTED BY	 ARNEL LAZAVINDA M. NICOS
DRAWN BY	ARNEL MURILLO C. DUCLAYNE
DATE	14 FEBRUARY 2021
SCALE	AS SHOWN

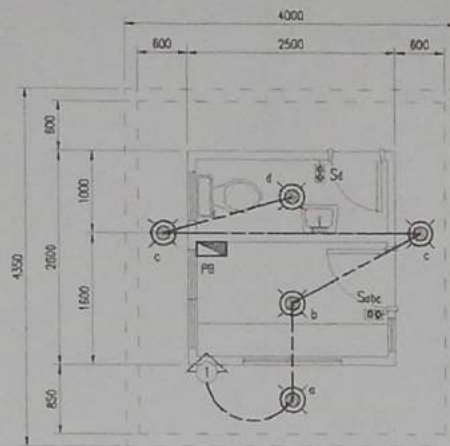
[illegible]

ELECTRICAL NOTES and LEGENDS :

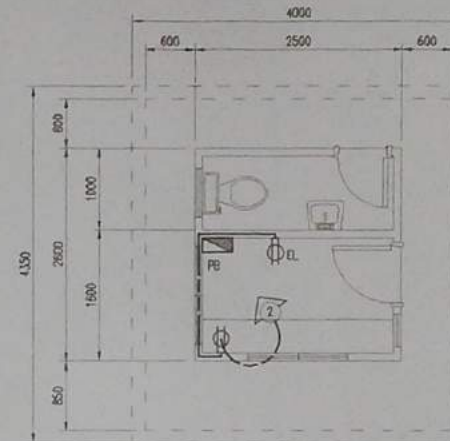
- ALL ELECTRICAL WORKS HEREIN SHALL BE DONE IN ACCORDANCE WITH THE PHILIPPINE ELECTRICAL CODE, WITH THE RULES AND REGULATIONS OF NATIONAL AND LOCAL AUTHORITIES CONCERNED IN THE ENFORCEMENT OF ELECTRICAL LAWS AND WITH THE RULES AND REGULATIONS OF THE UTILITY COMPANY CONCERNED.
- THE CONTRACTOR SHALL VERIFY AND ORIENT THE ACTUAL LOCATION OF THE CONCRETE TERMINAL POLE FOR CONNECTION TO THE POWER SUPPLY AND TELEPHONE SERVICE.
- ALL INSTALLATION SHALL BE CONCEALED FROM VIEW. WIRING SHALL BE ENCASED IN POLYVINYL CHLORIDE (PVC) SCHEDULE 40 EXCEPT POWER AND TELEPHONE SERVICE ENTRANCE WHICH SHALL BE IN RIGID STEEL CONDUIT UNLESS OTHERWISE NOTED.
- PULL BOXES OF APPROPRIATE SIZES SHALL BE PROVIDED, EVEN IF NOT INDICATED IN DRAWINGS TO ACCOMMODATE THE NUMBER OF SPICES OR WIRES.
- ALL MATERIALS TO BE USED SHALL BE NEW AND APPROVED TYPE APPROPRIATE FOR BOTH LOCATION AND INTENDED USE.
- LIGHT SWITCHES SHALL BE INSTALLED FOR OPERATION WITH VERTICAL MOTION.
- ELECTRICAL INSTALLATION SHALL BE UNDER THE DIRECT SUPERVISION OF A DULY LICENSED ELECTRICAL ENGINEER.
- MOUNTING HEIGHTS FOR ALL WIRING DEVICES:
8.1 PANEL BOARD - 1.70m FROM TOP OF PANEL BOARD TO FINISH FLOOR LINE
8.2 LIGHT SWITCH - 1.40 FROM CENTER OF DEVICE TO FINISH FLOOR

ELECTRICAL LEGENDS :

- LIGHTING FIXTURE, LED LIGHTS
- CONVENIENCE OUTLET
- EMERGENCY LIGHT OUTLET
- 3-GANG SWITCH
- EMERGENCY LIGHT, LED TYPE
- LIGHTING LINE
- POWER LINE
- CIRCUIT
- PANEL



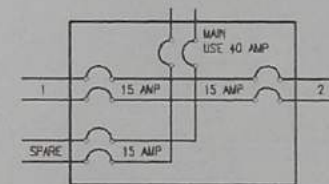
1 LIGHTING LAYOUT
SCALE 1/8"=1'-0"



2 POWER LAYOUT
SCALE 1/8"=1'-0"

LOAD SCHEDULE						
CIRCUIT NO.	LOAD DESCRIPTION	NO. OF OUTLETS	POWER (VA)	VOLTAGE (VOLTS)	CURRENT (AMP)	BREAKER RATING
1	LIGHTING	5	500	230	2.17	15 AMP
2	CONVENIENCE OUTLET	2	360	230	1.57	15 AMP
SPARE				230		15 AMP
TOTAL			1040		3.74	
USE: MAIN FEEDER CONDUCTOR 2 - #8.0 mm ² THIN Stranded Copper Wire GROUND CONDUCTOR 1 - #6.0 mm ² THIN Stranded Copper Wire MAIN DISCONNECT 40 Ampere, 2 pole, 250 Volt Circuit Breaker						

3 LOAD SCHEDULE
SCALE NTS



4 PANEL BOARD SCHEDULE
SCALE NTS

Reproductive of the Philippine Office of the President JHMC JOHN HAY MANAGEMENT CORPORATION Ateneo de Manila Building	
PROJECT TITLE RELOCATION OF KADACLAN CONTROL POINT	
LOCATION OF PROJECT YELLOW TRAIL, JHSEZ (BELL AND LONGHORE NO. 9, INTERSECTION going to KADACLAN VILLAGE)	
NOTED BY: ENGR. JOSEY P. ARDA	
CHECKED & APPROVED BY: ARCH. LUCYMARICA M. NIGRES, PRC REGISTRAR	
DRAFTED BY: ARCH. MARLOU C. DUCULAYAN	E1
DATE: 14 FEBRUARY 2021 PAGE: 1/01	

ESTIMATED WATER CONSUMPTION
 OCCUPANTS = 5 PERSONS x 200 LITERS / DAY
 = 1,000 LITERS/DAY

ESTIMATED WASTE WATER PRODUCED
 $= 1,000 \text{ LITERS/DAY} \times 60\% = 600 \text{ LITERS/DAY}$
 (1 cum = 1000 LITERS)
 $= 600 \text{ LITERS} / 1000 \text{ LITERS}$
 $= 0.60 \text{ cum PER DAY}$

NO. OF PERSONS: 5 PERSONS
GALLONS PER PERSON PER DAY: 75 GALLONS
GALLONS PER DAY: $5 \times 75 \text{ GALS.} = 375 \text{ GALS}$
CONSTANT: DAILY SEWAGE FLOW IN GAL. 1.125 AND 75
FORMULA:

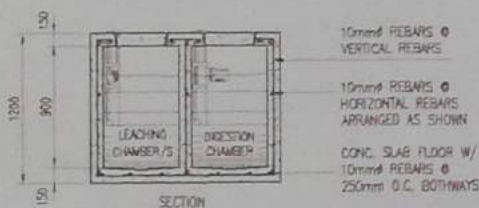
$V = 1.125 + 75Q$
 $V = 1.125 + 75(375)$
 $V = 282.38 \text{ GALLONS}$
 $(1 \text{ cu.m./264 GAL})$
 $V = 282.38 \text{ GALLONS/264 GALLONS}$
 $V = 1.07 \text{ CU.M.}$

LENGTH OF DIGESTION CHAMBER
 $L = \text{VOLUME} / \text{WIDTH} \times \text{DEPTH}$
 $L = 1.07 \text{ CUM} / 1.00 \times 1.20$
 $L = 0.90 \text{ METERS}$
 TOTAL LENGTH:
 $= L / 2 + L$
 $= 0.90 / 2 + 0.90 = 1.35 \text{ meters}$

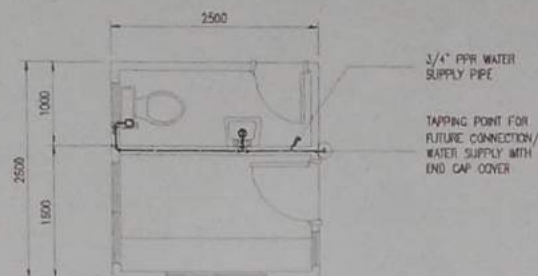
REQUIRED SEPTIC TANK SIZE
 $= L \times W \times D$
 $= 1.35m \times 1.00 \times 1.20 = 1.62 \text{ CU. M}$

PROPOSED SEPTIC TANK SIZE
 $= L \times W \times D$
 $= 1.50 \times 1.00 \times 1.20 = 1.80 \text{ cu. m (SAFE)}$

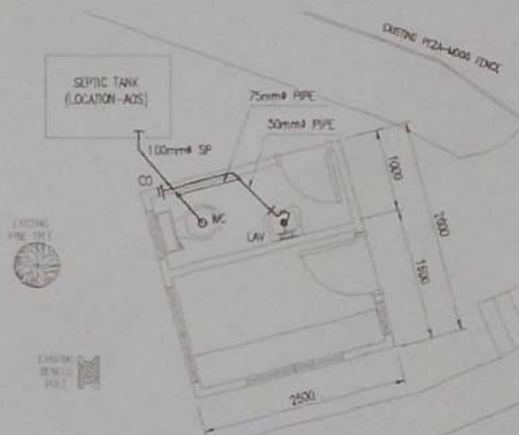
WATER TANK COMPUTATION



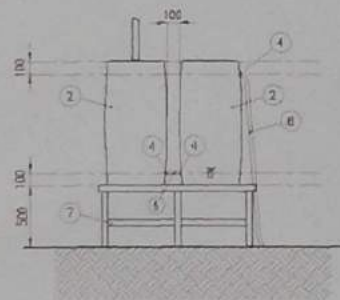
2 SEPTIC TANK DETAILS



3 WATER LINE LAYOUT

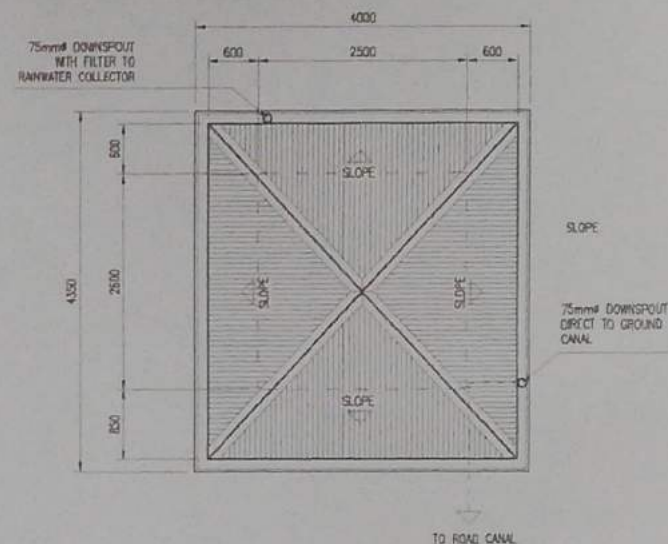


SEWER LINE LAYOUT

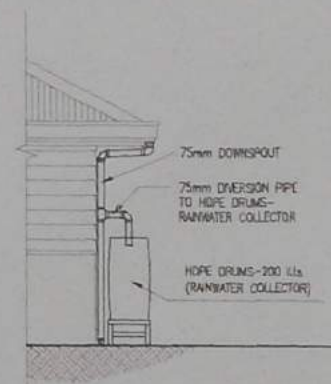


6 HDPE DRUMS - RAINWATER COLLECTOR

NO	DESCRIPTION
1	75mm ID PIPE
2	HOPE DRUMS, 160 LT
3	1" HOSE BIG with 2" PIPE THREAD, with WASHER (INSIDE & OUTSIDE), COUPLING, BUSHING
4	OVERFLOW VALVE 2" PIPE THREAD with 1" HOSE ADAPTER, with WASHER (INSIDE & OUTSIDE) & LOCK NUT
5	2" PPR PIPE
6	WATER HOSE CONNECTED TO OVERFLOW VALVE c/o JPMC
7	HOPE DRUMS WATER STAND (from JPMC STOCK)



5 STORM DRAIN LAYOUT



7 DOWNSPOUT TO RAINWATER COLLECTOR

RESIDENTIAL TRAFFIC INVESTIGATION OFFICE OF THE PROSECUTOR JHMC JOINT MILITARY COMMISSION PROSECUTOR GENERAL'S OFFICE	
NAME (Last, First)	
LOCATION	
Signature	
REQUEST FOR	
RELOCATION OF KADACLAH CONTROL POINT	
LOCATION OF PROBLEM	
YELLOW TRAIL, 3452 E (BELOW VICA LOGHORE NO. 3 INTERSECTION AND TO KADAN LAM RELAY)	
NOTED BY	 ENGR. ROBERT V. ANJA
CHECKED BY (PROSECUTOR)	
ARCH. (GENERAL INVESTIGATIVE DIVISION)	
STAFFED BY	
ARCH. (BUREAU OF DOCUMENTATION)	
V. A. P. 147 FEBRUARY 2001	PAGE

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