

REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
REGION XI
DAVAO DEL NORTE
DISTRICT ENGINEERING OFFICE
TAGUM CITY

F.Y. 2025 GAA (BIP)
DETAILED ENGINEERING DESIGN PLAN FOR
**CONSTRUCTION OF MULTI-PURPOSE BUILDING (DAY CARE
CENTER), PUROK 4A, BARANGAY CANOCOTAN**
PROJECT NAME:
TAGUM CITY, DAVAO DEL NORTE
LOCATION

SUBMITTED


CHESTER J. SALASUNG
ENGINEER
CHIEF PLANNING AND DESIGN SECTION
DATE

RECOMMENDED


LEO ALEN A. MABANGLO
OFFERING CHIEF
CHIEF OF THE DISTRICT ENGINEERING
DATE

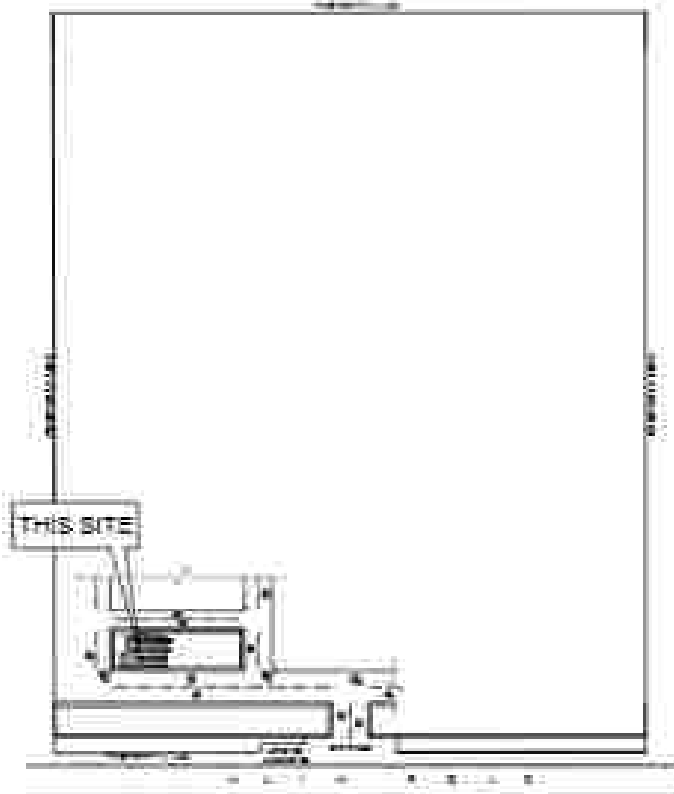
APPROVED


EDITH D. MONTILDE
DISTRICT ENGINEER
DATE



PERSPECTIVE VIEW

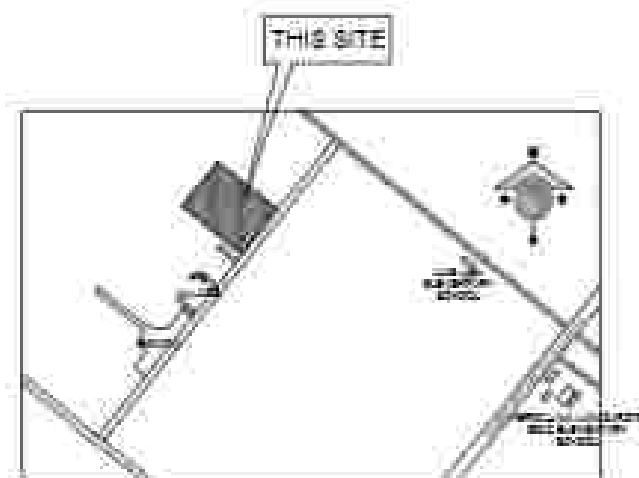
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3.97	3.97.1	3.



SITE DEVELOPMENT PLAN
SCALE: 1:1000



LOCATION PLAN
SCALE: 1:1000



VICINITY MAP
SCALE: 1:1000

GOVERNMENT OF TAMIL NADU DEPARTMENT OF PUBLIC WORKS AND CONSTRUCTION CHENNAI	CONSTRUCTION OF MULTI-PURPOSE BUILDING WITH LAKE CONTROL PUSKIN IN SARINELLY CHANNODIN THAM 17TH EKVAD COL. ROAD	CHENNAI MUNICIPAL CORPORATION CHENNAI	ENGINEER-IN-CHARGE	SURVEYOR	ARCHITECT	PLANNER	DESIGNER	1 E 42 2/108
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Figure 1 is a schematic diagram of the experimental setup. It shows a horizontal beam supported by two vertical stands. A weight hanger is suspended from the beam. A ruler is placed below the beam to measure the distance from the support to the weight hanger. A scale is attached to the weight hanger. A weight is added to the hanger. The distance from the support to the weight hanger is labeled as 'L'. The weight hanger is labeled 'WEIGHT HANGER' and the weight is labeled 'WEIGHT'.

Labels for Figure 6:

- Filter media (polypropylene)
- Support frame (stainless steel)

A circular inset diagram showing a hand saw cutting a joint in a wooden beam. The saw is positioned at an angle, and the cut is being made through the wood.

The schematic diagram illustrates the experimental setup for studying the effects of different treatments on fish growth. The tank is divided into three horizontal sections (1, 2, and 3) and five vertical columns (A, B, C, D, and E). Each section contains a specific treatment group, represented by colored circles (green, yellow, and grey). The dimensions of the tank and the positions of the treatment groups are clearly marked.



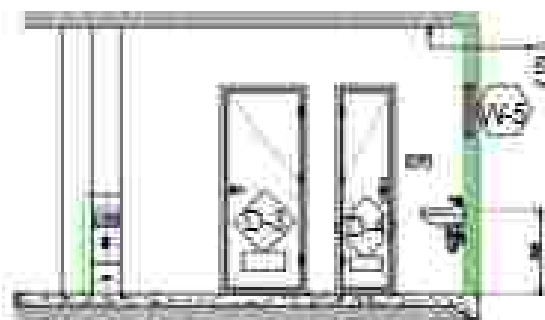
ISOMETRIC DETAIL
 (SEE FIGURE 10)



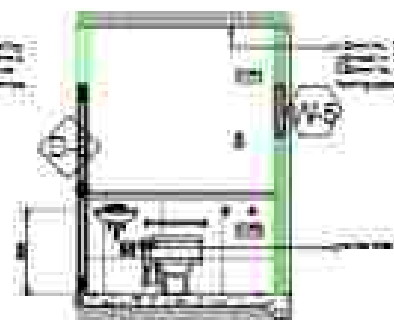


DOORS AND WINDOW SCHEDULE

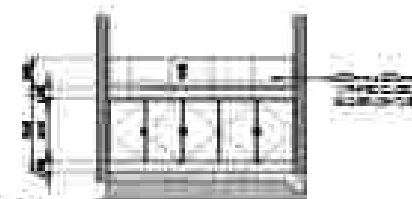
REVISIONS		
NO.	DESCRIPTION	DATE
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02	REVISION	15/05/2023
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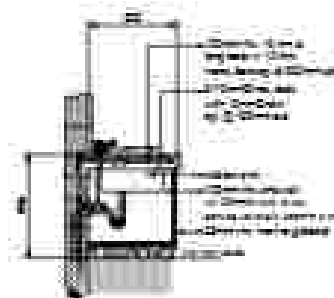
ELEVATION DETAIL OF TOILET
SCALE: 1/10



ELEVATION DETAIL OF PWD TOILET
SCALE: 1/10



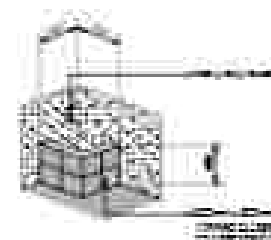
ELEVATION DETAIL OF SINK
SCALE: 1/10



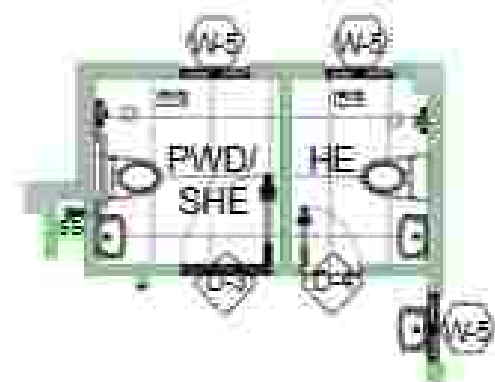
KITCHEN SINK COUNTER DETAIL
SCALE: 1/10



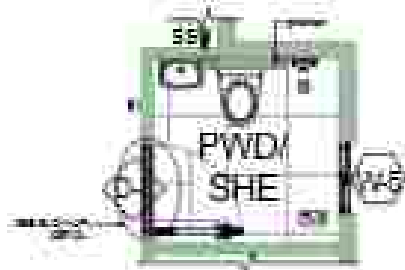
DETAIL PLAN OF SINK
SCALE: 1/10



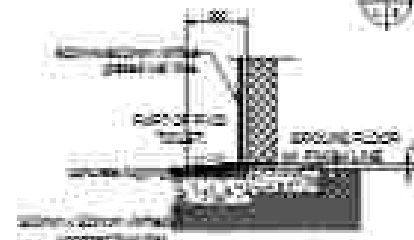
BLOW-UP DETAIL OF SINK
SCALE: 1/10



DETAIL PLAN OF TOILET
SCALE: 1/10



DETAIL PLAN OF PWD TOILET
SCALE: 1/10



BLOW-UP DETAIL OF PWD TOILET
SCALE: 1/10



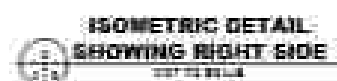
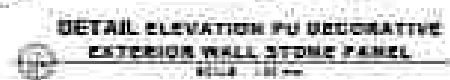
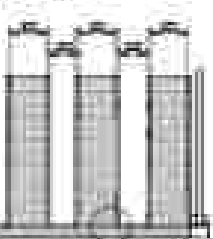
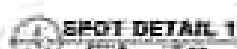
MINISTRY OF CONSTRUCTION
GENERAL DIRECTORATE OF ARCHITECTURE
GENERAL DIRECTORATE OF PLANNING
GENERAL DIRECTORATE OF CONSTRUCTION

CONSTRUCTION OF
MULTI-PURPOSE BUILDING WITH
CARE CENTER FOR SENIORS
IN SAIGON CITY
17th KINH DINH STREET

ARCHITECT
GENERAL DIRECTORATE OF ARCHITECTURE
GENERAL DIRECTORATE OF PLANNING
GENERAL DIRECTORATE OF CONSTRUCTION



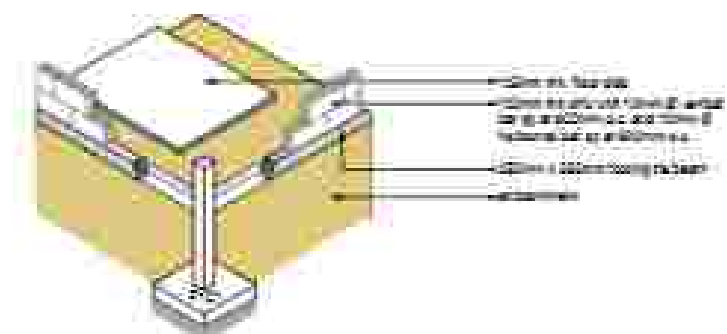
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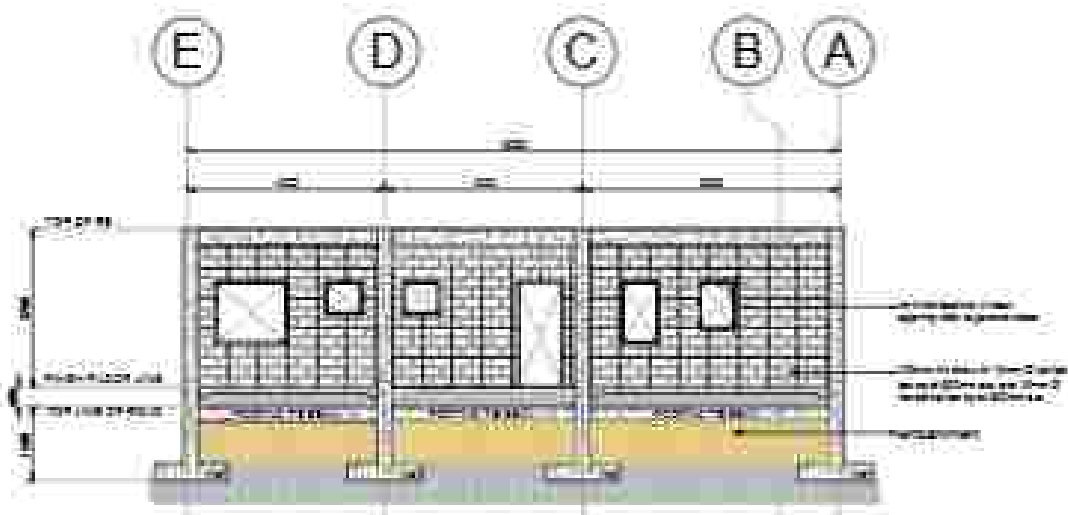
WALL FOOTING LAY-OUT PLAN



FOUNDATION PLAN



ISOMETRIC DETAIL
SHOWING SUB STRUCTURE

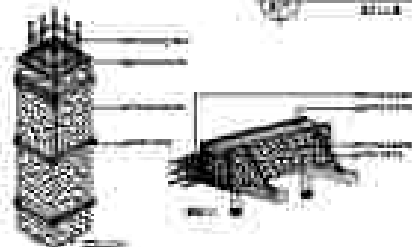


BAY SECTION ALONG GRID 1

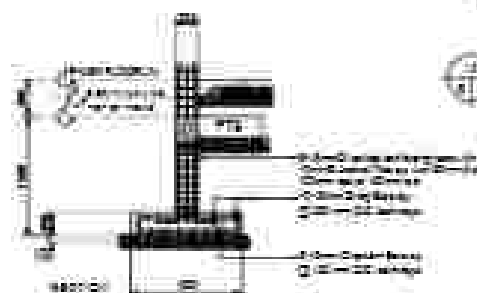


PIPE BEAM DETAIL

DETAIL OF ROOF BEAM (RS-2)



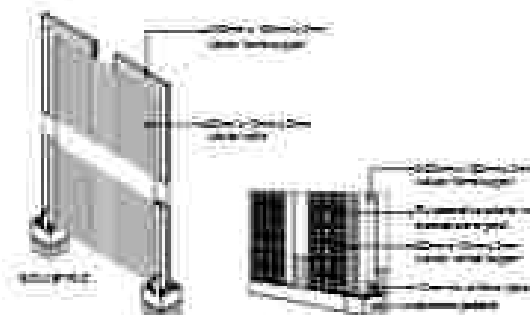
TYPICAL FORMWORKING DETAIL



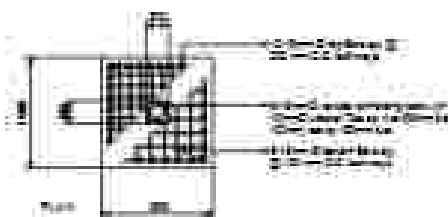
NETAL SECTION OF POUCH



PERCENTAGE DETAIL



SPOT DETAIL



DETAIL OF WORK



DETAIL SECTION OF STAIR
ON FULL ENTRANCE

TYPICAL DETAIL
OF R.C. COLUMN

FIGURE 1.01 DETAIL



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CONSTRUCTION OF
MULTI-PURPOSE BUILDING WITH
LABORATORY, PURCHASING
DEPARTMENT, CHANGCHUN TIANJIN
CHINA

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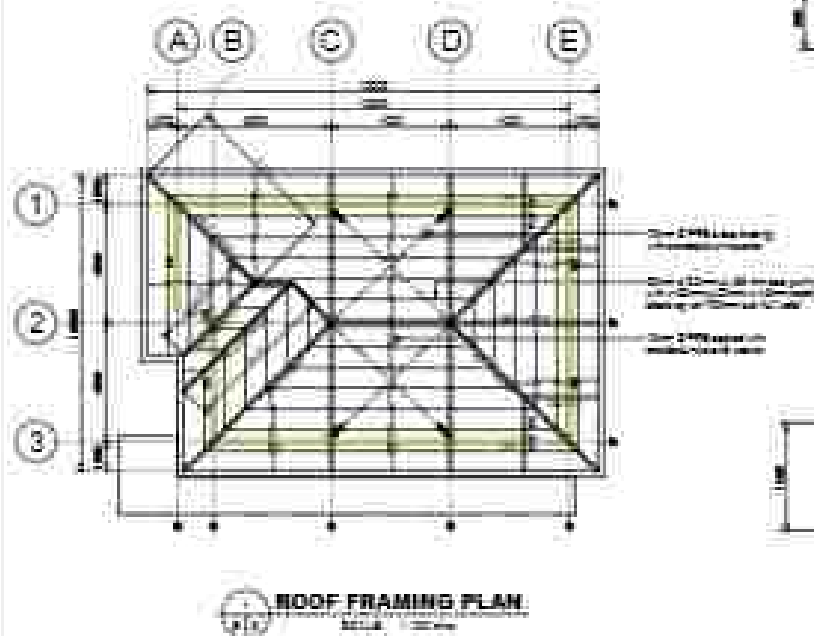
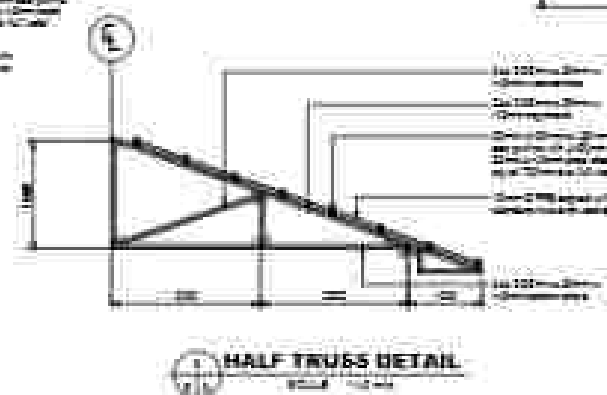
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AMERICAN SOCIETY OF MECHANICAL ENGINEERS

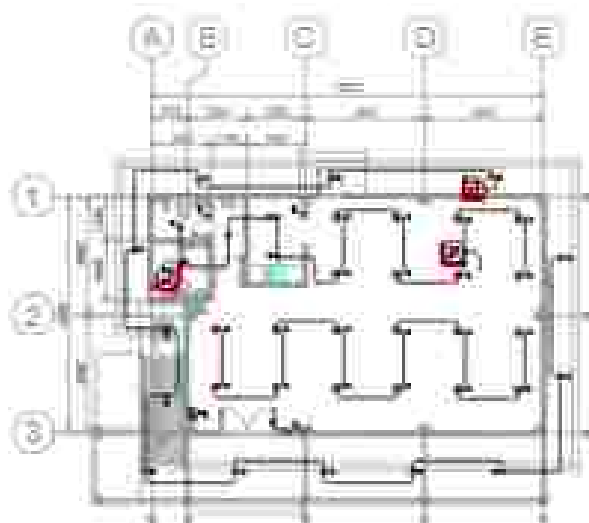


Figure 1 is a schematic diagram of a single-stage, single-throw, double-acting hydraulic cylinder. It shows a horizontal cylinder with a central piston rod. The left end of the cylinder is labeled 'P' (Pressure) and the right end is labeled 'T' (Tank). The piston rod is connected to a load 'L'.

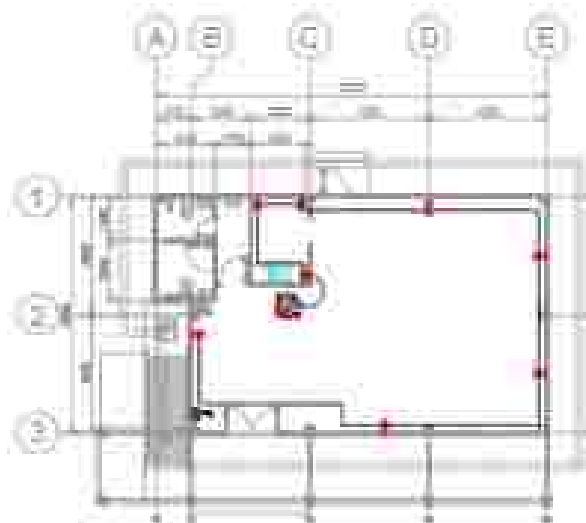




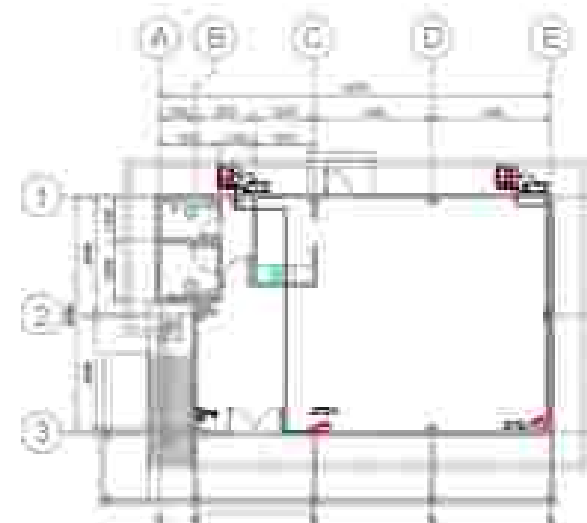




LIGHTING LAY-OUT PLAN
SCALE: 1/8"=1'-0"



POWER LAY-OUT PLAN
SCALE: 1/8"=1'-0"



A.D.U. LAY-OUT PLAN
SCALE: 1/8"=1'-0"

SCHEDULE OF LIGHTING FIXTURES									
QTY	DESCRIPTION	QTY	WATTAGE	VOLTS	CURRENT	WIRE SIZE	WIRE TYPE	WIRE COLOR	NOTES
1	JOHNSON	1	100	120	0.83	14	THHN	14	100W 120V 1000LM
1	JOHNSON	1	100	120	0.83	14	THHN	14	100W 120V 1000LM
1	JOHNSON	1	100	120	0.83	14	THHN	14	100W 120V 1000LM
1	JOHNSON	1	100	120	0.83	14	THHN	14	100W 120V 1000LM
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1	JOHNSON	1	100	120	0.83	14	THHN	14	100W 120V 1000LM
1	JOHNSON	1	100	120	0.83	14	THHN	14	100W 120V 1000LM
1	JOHNSON	1	100	120	0.83	14	THHN	14	100W 120V 1000LM
1	JOHNSON	1	100	120	0.83	14	THHN	14	100W 120V 1000LM

ALL LIGHTING FIXTURES SHALL BE INSTALLED IN ACCORDANCE WITH THE FOLLOWING:

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SHORT CIRCUIT ANALYSIS

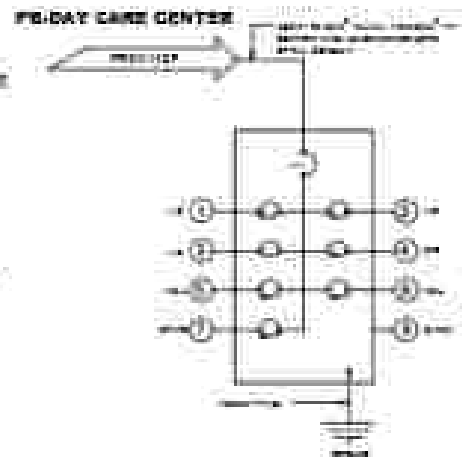
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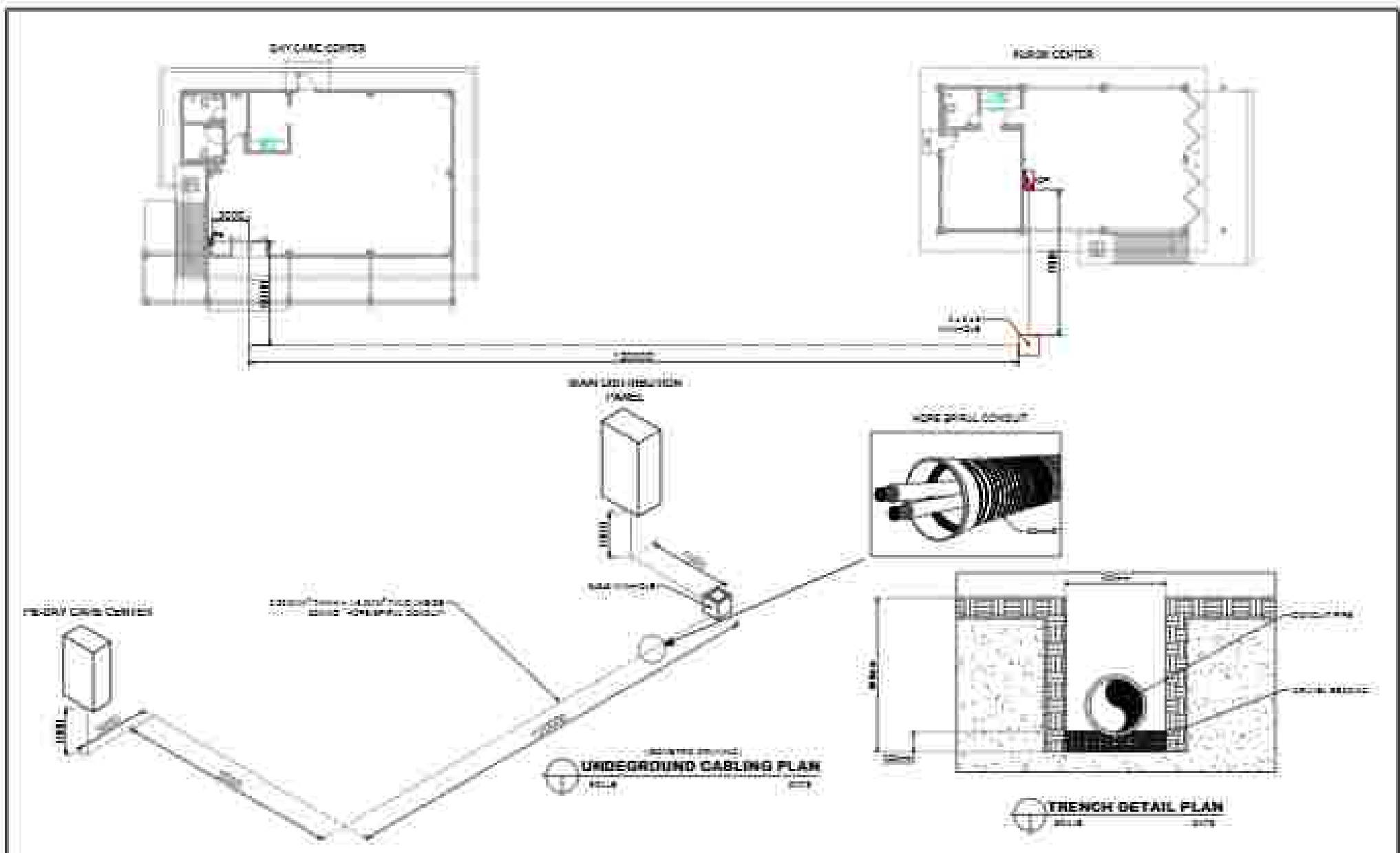
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ILLUMINATION CALCULATION

ALL ILLUMINATION CALCULATION SHALL BE PERFORMED IN ACCORDANCE WITH THE FOLLOWING:

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 MINISTRY OF NATURAL RESOURCES AND ENVIRONMENT OF VIETNAM GENERAL DEPARTMENT OF CONSTRUCTION VIETNAM INSTITUTE OF CONSTRUCTION DESIGN	CONSTRUCTION OF MULTI-PURPOSE BUILDING DWI CARE CONTROL FUROR-1A SABINSKY CHOCOTON THUAN 17TH KINH DOI KORTE	DESIGNER VIETNAM INSTITUTE OF CONSTRUCTION DESIGN						1 E	E3 2-138
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HYBRID SOLAR POWER SYSTEM DIAGRAM

1000

TOTAL WEIGHT
0.00 ± 0.00 gms

- TOTAL POWER
WATERPUMP CIRCUIT
- CHUCK
120
- $120^2 \div 1000 = 14.4$

TOTAL LOGS
 FROM THE
 BOSTON
 AREA

IN WASTE OF REMEDIATION
BY FEDERAL AGENCIES

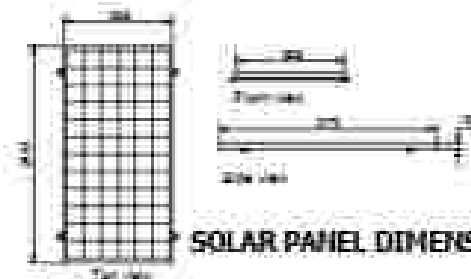
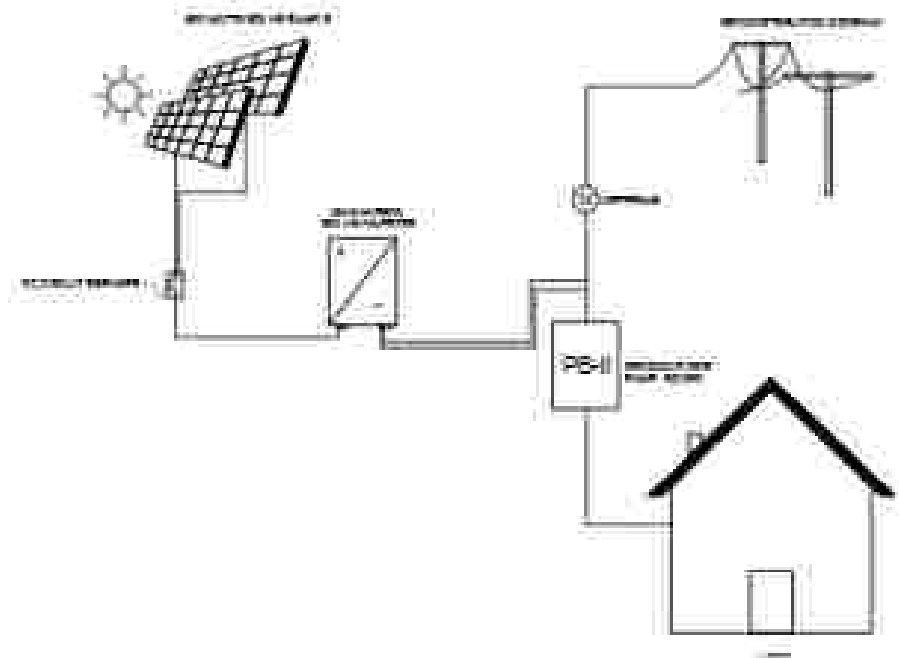
REPORTING OF CRIMINAL RECORDS

- $\text{Total PV All Time} = \text{EAD} \times \text{Cost}$
- $\text{Total PV Collateral} = \text{Eq Coll} \times \text{Cost}$
- $\text{EAD} = 10$
- $\text{Cost} = 10\%$
- $= 1.000000$

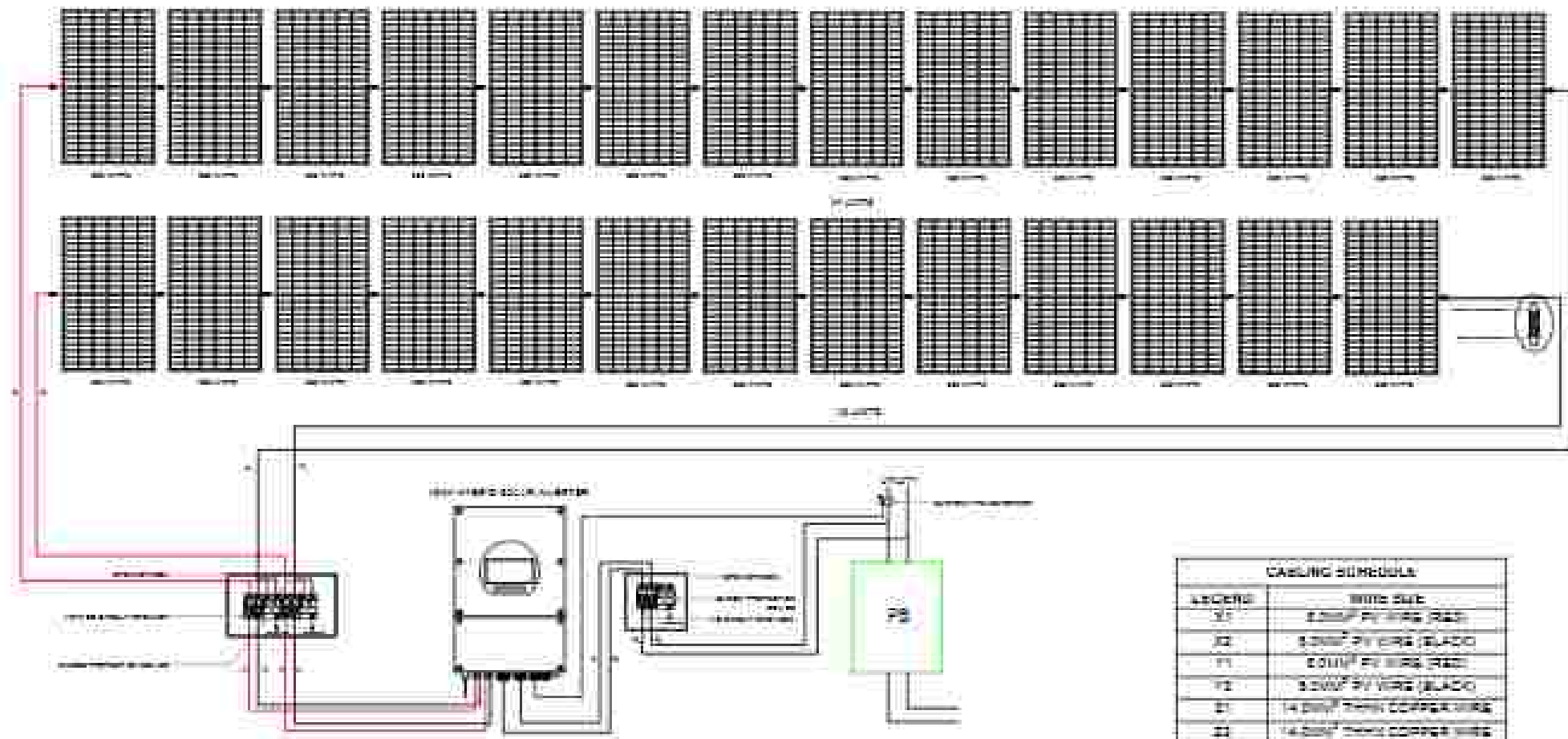
1. The following information is required to be provided to the public:
 2. The name of the person or entity that is the subject of the request.
 3. The date of the request.
 4. The date of the response.
 5. The date of the request.
 6. The date of the response.
 7. The date of the request.
 8. The date of the response.
 9. The date of the request.
 10. The date of the response.

1988: 1. CH_2Br_2 (100 mL) + CH_2Br_2 (100 mL)
2. CH_2Br_2 (100 mL) + CH_2Br_2 (100 mL)
3. CH_2Br_2 (100 mL) + CH_2Br_2 (100 mL)

- total weight
- volume
- weight
- density



HYBRID SOLAR POWER SYSTEM DETAILED PLAN



CABLEING SCHEDULE	
LEGEND	WIRE SIZE
X1	8.0MM ² PV WIRE (RED)
X2	8.0MM ² PV WIRE (BLACK)
X3	8.0MM ² PV WIRE (RED)
X4	8.0MM ² PV WIRE (BLACK)
X5	14.0MM ² THIN COPPER WIRE
X6	14.0MM ² THIN COPPER WIRE
X7	14.0MM ² THIN COPPER WIRE
X8	14.0MM ² THIN COPPER WIRE

NOTES:
1. ALL WIRING MUST BE DONE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC).
2. THE SYSTEM MUST BE GROUNDED TO A COMMON GROUND POINT.
3. THE SYSTEM MUST BE PROTECTED BY A FUSE OR CIRCUIT BREAKER.