



Republic of the Philippines  
**Department of Education**  
NATIONAL CAPITAL REGION



August 09, 2024

**REGIONAL MEMORANDUM**

No. 796, s. 2024

**To:** Schools Division Superintendents  
CID Chiefs  
SGOD Chiefs  
Division Engineers  
All Others Concerned

**IDENTIFICATION OF ADDITIONAL LIBRARY HUBS FOR FISCAL YEAR 2025  
AND SUBMISSION OF THE SITE APPRAISAL FORM AND PROGRAM OF WORKS**

1. Attached is the joint memorandum dated August 08, 2024, re: Identification of additional Library Hubs for Fiscal Year 2025 and submission of the Site Appraisal Form and Program of Works.
2. In relation to this, all concerned Division Engineers is required to submit the accomplished and signed **Site Appraisal Form** (prepared by SDO Engineer, reviewed by the SDO Librarian, noted by the LR Supervisor, recommended by CID Chief, and approved by the SDS) together with the **Program of Works (POWs)** prepared by the SDO Engineer, noted by the LR Supervisor, recommended by the SGOD Chief, and approved by the SDS. The SDO Librarian shall send the accomplished forms with this filename convention, SDO\_SAF/POWs\_FY 2025 LH at these email addresses **on or before August 30, 2024:**

Send to: [marlon.ompoc@deped.gov.ph](mailto:marlon.ompoc@deped.gov.ph)  
[kianna.Gonzales@deped.gov.ph](mailto:kianna.Gonzales@deped.gov.ph)

CC: [blr.lrqad@deped.gov.ph](mailto:blr.lrqad@deped.gov.ph)  
[ncr@deped.gov.ph](mailto:ncr@deped.gov.ph)  
[epifanio.macaraeg@deped.gov.ph](mailto:epifanio.macaraeg@deped.gov.ph)

3. Furthermore, please refer to the attached perspective of the Library Hub design in drafting the POWs and accomplish the SAF.
4. For query or clarification, you may contact Mr. Marlon G. Ompoc, Librarian II, BLR-Quality Assurance Division or email address at [marlon.ompoc@deped.gov.ph](mailto:marlon.ompoc@deped.gov.ph), copy furnished [blr.lrqad@deped.gov.ph](mailto:blr.lrqad@deped.gov.ph) or contact through telephone number 8631-9294 or 8634-1054.



Address: 6 Misamis St., Bago Bantay, Quezon City  
Email address: [ncr@deped.gov.ph](mailto:ncr@deped.gov.ph)  
Website: [depedncr.com.ph](http://depedncr.com.ph)

Doc. Ref. Code	RO-ORD-F004	Rev	00
Effectivity	01.26.23	Page	1 of 1





Republic of the Philippines  
**Department of Education**  
NATIONAL CAPITAL REGION

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5. For your information and appropriate action.

**JOCELYN DR ANDAYA**  
Director IV



Republic of the Philippines  
**Department of Education**

**JOINT MEMORANDUM**

FOR : **JOCELYN DR. ANDAYA**  
Regional Director  
DepEd Regional Office NCR

ATTENTION : **SCHOOLS DIVISION SUPERINTENDENTS**

FROM : **ARIZ DELSON ACAY D. CAWILAN**  
Director IV, *Bureau of Learning Resources*

*Annabelle R. Pangan*  
**ANNABELLE R. PANGAN, ENGR. V**  
Chief, Education Facilities Division

SUBJECT : **IDENTIFICATION OF ADDITIONAL LIBRARY HUBS FOR  
FISCAL YEAR 2025 AND SUBMISSION OF THE SITE  
APPRAISAL FORM AND PROGRAM OF WORKS**

DATE : **August 8, 2024**

This has reference to the joint memorandum dated August 8, 2023 relative to the *Inventory of the Library Hub Infrastructure Status* for the implementation of the approved construction of Library Hubs under the National Expenditure Program for CY 2025-line item under the Basic Education Facilities Fund (BEFF) of the Department of Education (DepEd).

The Bureau of Learning Resources sets the following minimum number of Library Hubs to be established in the respective Schools Division Offices (SDOs) by FY 2029 as follows:

SDO Size	Minimum Number of LHs
Very Large	5
Large	4
Medium	3
Small	1

In this connection, the following SDOs need to identify new sites for a Library Hub (LH) establishment in addition to the existing LHs (Batches 1 to 7 and FY 2024 established).





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**Department of Education**

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Regional Director  
DepEd Regional Office NCR

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FROM : **ARIZ DELSON ACAY D. CAWILAN**  
Director IV, Bureau of Learning Resources *eg*

*Annabelle R. Pangan*  
**ANNABELLE R. PANGAN, ENGR. V**  
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No.	DIVISION	SDO SIZE	ADDITIONAL LH CONSTRUCTION FOR FY 2025
1.	Malabon City	M	1
2.	Marikina City	M	1
3.	Muntinlupa City	M	1
4.	Navotas City	M	1
5.	Pasig City	M	1
6.	Taguig City and Pateros	M	1
7.	Valenzuela City	M	1

In the identification of additional LHs, please ensure compliance to the following considerations:

1. Can cater schools that cannot be reached by the mobile services of the existing LHs
2. With acceptable DepEd land ownership (Land Title and/ or Deed of Donation)
3. Elevated and or is free from flooding
4. Accessible by at least a 4-wheel vehicle

Please submit the accomplished and signed **Site Appraisal Form** (prepared by the SDO Engineer, reviewed by the SDO Librarian, noted by the LR Supervisor, recommended by the CID Chief, and approved by the SDS) together with the **Program of Works (POWs)** prepared by the SDO Engineer, noted by the LR Supervisor, recommended by the SGOD Chief, and approved by the SDS. The SDO Librarian shall send the accomplished forms with this filename convention, *SDO\_SAF/POWs\_FY 2025 LH* at these email addresses on or before **August 30, 2024**:

Send to: marlon.ompoc@deped.gov.ph  
Kianna.gonzales@deped.gov.ph

Cc : blr.lrqad@deped.gov.ph, Regional Office email

Furthermore, please refer to the attached perspective of the Library Hub design in drafting the POWs and accomplish the **SAF**.

**Mr. Marlon G. Ompoc**, Librarian II of the BLR-Quality Assurance Division, will coordinate with your office regarding the said matter. For any query or clarification, you may email Mr. Ompoc at marlon.ompoc@deped.gov.ph copy furnish blr.lrqad@deped.gov.ph or contact him at telephone numbers 8631-9294 or 8634-1054.

For your appropriate action and guidance.

*Attached: as stated*

Copy furnished:

**REVSEE A. ESCOBEDO**  
*Undersecretary for Operations*

**EPIMACO V. DENSING III**  
*Undersecretary for School Infrastructure and Facilities*

**GINA O. GONONG**  
*Undersecretary for Curriculum and Teaching*

**ALMA RUBY C. TORIO**  
*Assistant Secretary for Curriculum and Teaching*

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REPUBLIC OF THE PHILIPPINES  
 DEPARTMENT OF EDUCATION  
 Education Facilities Division  
 DepEd Complex, Meralco Avenue, Pasig City



**SITE APPRAISAL FORM**

Division: \_\_\_\_\_  
 Region: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 No. Street Baranggay City/Municipality Province

**I. SITE INFORMATION**

Proposed site is within SDO compound  Yes  No  
 If No, Specify Name of School: \_\_\_\_\_  
 Address of School: \_\_\_\_\_

Site Ownership:  Titled under the name of  Contract of Usufruct  Deed of Donation  Tax Declaration  
 DepED  Private/Others  With conditions  Absolute  DepED  
 LGU  Perpetual Use  With Condition  LGU  
 Deed of Sale  Presidential Proclamation  Others/ specify: \_\_\_\_\_

Location:  Urban  Low land  Island  Coastal  Others/ specify: \_\_\_\_\_  
 Rural  High land/Up land w/ about \_\_\_\_\_ km boat ride from the mainland

Distance to nearest public school: 50 m Distance to nearest private school: 2 km  
 Name of nearest public school: Naga Central Elem. School Name of nearest private school: Exceed learning Center Elem.Department

Topography:  Level/ Flat  Sloping  Rolling  Others/ specify: \_\_\_\_\_ w/ cut & fill works (\_\_\_\_ m) needs site improvement

Flood Level: 0.20 m (m) Often utilized as Evacuation Center during Disaster/Emergencies  Yes  No

Soil Condition:  Rocky  Sandy  Clayey  Others/ specify: \_\_\_\_\_

Power Supply:  NPC Line  Cooperativa  Generator  Others: \_\_\_\_\_

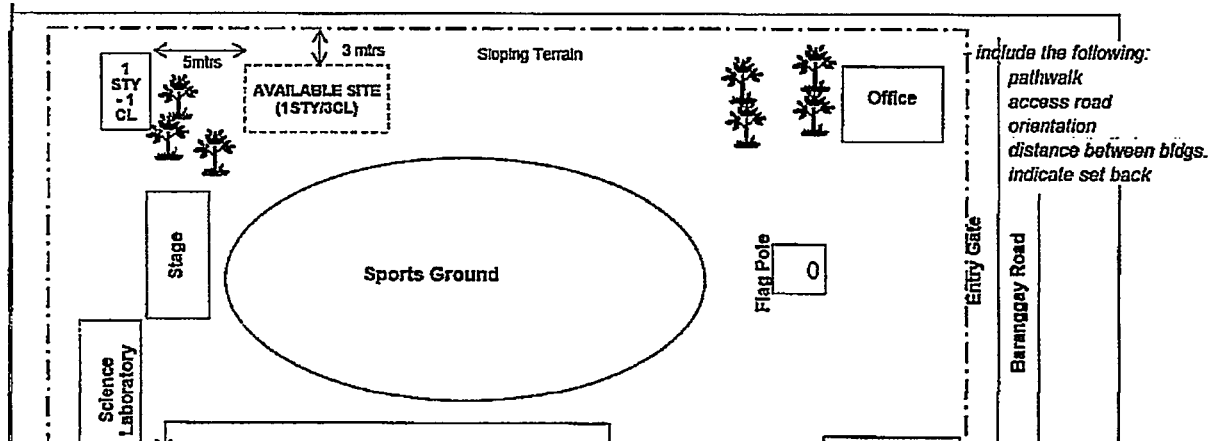
Water Supply:  Potable (drinking)  Local Water District  Spring  Others/ specify: \_\_\_\_\_

Distance from Tapping Point: 50m  
 Not Potable  Deepwell  Shallow well  
 Depth: \_\_\_\_\_ (m) Depth: \_\_\_\_\_ (m)

Access:  Cemented \_\_\_\_\_ km.  Asphalt \_\_\_\_\_ km.  Gravel bed \_\_\_\_\_ km.  Rough \_\_\_\_\_ km  
 Hiking \_\_\_\_\_ km.  Others/ specify: \_\_\_\_\_  By boat \_\_\_\_\_ km.

Material Source: Distance from the school site: 5 km

**II. SITE DEVELOPMENT PLAN** Total lot area: \_\_\_\_\_ (sq mtr/hectare) Proposed total buildable space for construction: \_\_\_\_\_ sq/mtr.



*\*To include the locations of proposed Electrical and Water Supply lay-out*

**B. AVAILABLE SPACE FOR CONSTRUCTION**

*(For this section, location/s of the available space for construction (if any) should be reflected in the Site Development Plan)*

No. of Units (Building)	Type of Building	Building footprint can be accommodated in the available space?*				Remarks (Additional Site Information e.g. Embankment, Slope Protection, Hauling etc.)
		Yes	Yes, but with demolition	Yes, but with design modification	No	

*\* If the site will require demolition of an old or untenable structure, specify in the remarks column the type and number of buildings and classrooms to be demolished. If the site will require some modifications in the design, specify in the remarks columns the particular modifications to be made in the design of the building.*

**Additional Remarks (if any):**


Appraised by:

Noted:

\_\_\_\_\_  
DepEd Engineer

\_\_\_\_\_  
School Head/ Principal/Teacher-in-charge

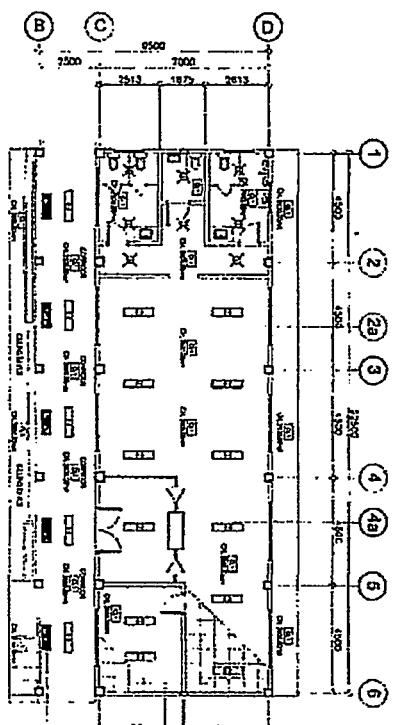
\_\_\_\_\_  
Date of Inspection

\_\_\_\_\_  
LR Supervisor

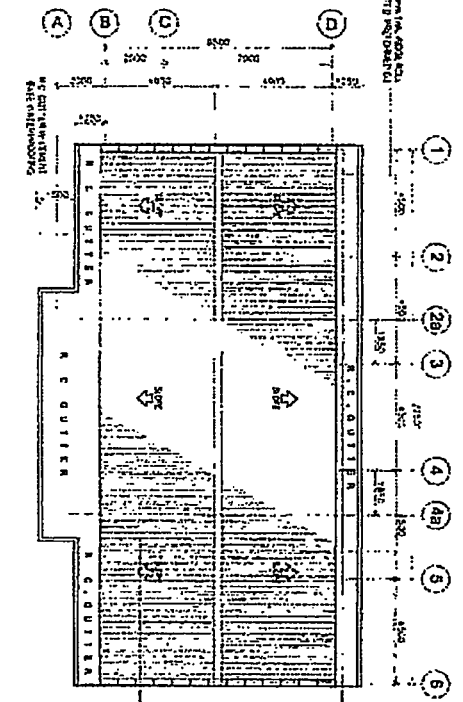
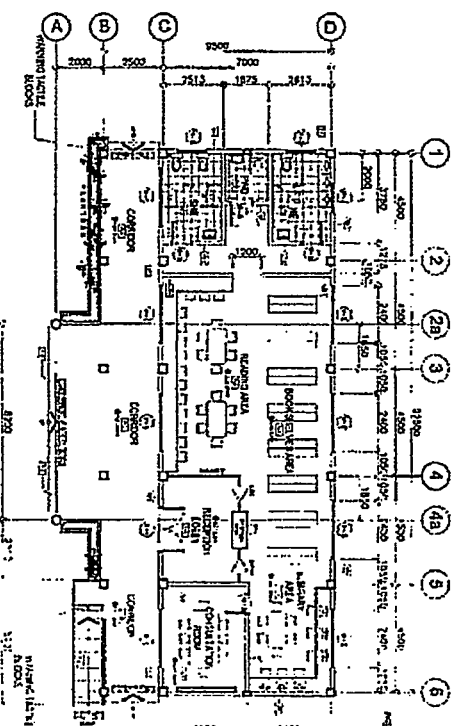
\_\_\_\_\_  
Schools Division Superintendent







See the General Notes on page 10 of the specification for details of ceiling construction and materials.  
See the General Notes on page 10 of the specification for details of lighting fixture installation and electrical requirements.



UNIVERSITY OF CALIFORNIA  
**DATED**  
DIVISION OF ARCHITECTURE  
UNIVERSITY OF CALIFORNIA

**PROJECT NO. 10000**

**PROJECT NAME**  
UNIVERSITY OF CALIFORNIA  
LIBRARY BUILDING

**DATE**  
11/15/78

**SCALE**  
1/8" = 1'-0"

**DESIGNED BY**  
L. J. BROWN

**CHECKED BY**  
M. J. BROWN

**APPROVED BY**  
M. J. BROWN

**UNIVERSITY OF CALIFORNIA**  
DEPARTMENT OF ARCHITECTURE  
1000 UNIVERSITY AVENUE  
BERKELEY, CALIFORNIA 94720

**PROJECT NO. 10000**

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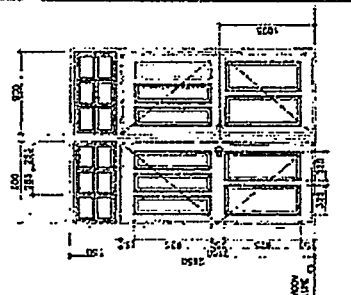
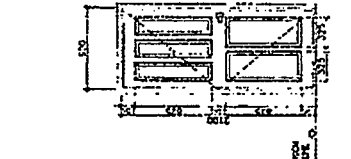
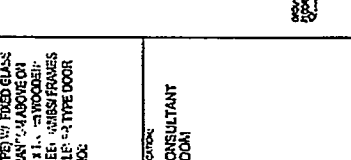
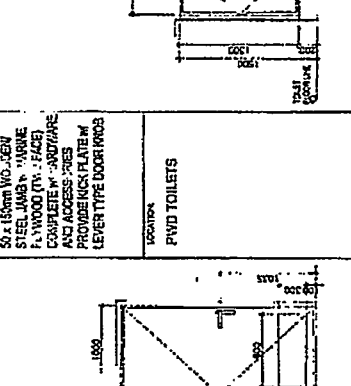
**UNIVERSITY OF CALIFORNIA**  
DEPARTMENT OF ARCHITECTURE  
1000 UNIVERSITY AVENUE  
BERKELEY, CALIFORNIA 94720

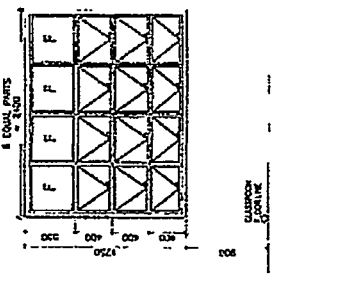
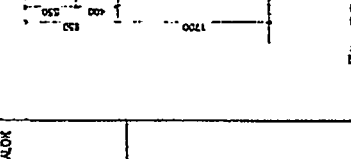
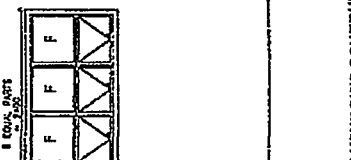
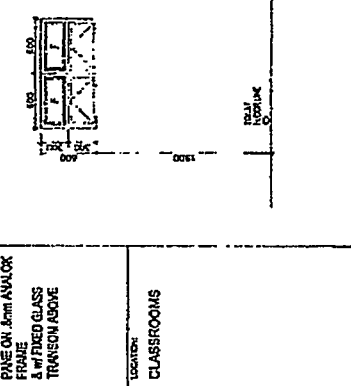
SEE THE GENERAL NOTES ON PAGE 10 OF THE SPECIFICATION FOR DETAILS OF CEILING CONSTRUCTION AND MATERIALS.  
SEE THE GENERAL NOTES ON PAGE 10 OF THE SPECIFICATION FOR DETAILS OF LIGHTING FIXTURE INSTALLATION AND ELECTRICAL REQUIREMENTS.







<p><b>TABLE 5.1</b></p> <p><b>DESCRIPTION</b>        RD &amp; TERMITE TREATED PANEL DOOR (S) w/ 10 TYPE w/ FIXED GLASS TRANSOM ABOVE (1) 50 x 110 cm WOODEN STEEL JAMBS/FRAMES W/ LEVER TYPE DOOR KNOB</p> <p><b>LOCATION</b>        CLASSROOMS</p> 	<p><b>TABLE 5.2</b></p> <p><b>DESCRIPTION</b>        RD &amp; TERMITE TREATED PANEL DOOR (S) w/ 10 TYPE w/ FIXED GLASS TRANSOM ABOVE (1) 50 x 110 cm WOODEN STEEL JAMBS/FRAMES W/ LEVER TYPE DOOR KNOB</p> <p><b>LOCATION</b>        CONSULTANT ROOM</p> 	<p><b>TABLE 5.3</b></p> <p><b>DESCRIPTION</b>        HOLLOW CORE FLUSH TYPE SWING DOOR ON 50 x 150mm WOODEN STEEL DOOR JAMBS/ FRAMES w/ 10mm PLYWOOD (1/2) FACE COMPLETE w/ HARDWARE &amp; ACCESSORIES w/ DOORBOLT</p> <p><b>LOCATION</b>        HERSE TOILETS</p> 	<p><b>TABLE 5.4</b></p> <p><b>DESCRIPTION</b>        6mm THK CLEAR GLASS FRAME ON 50mm ANALOK &amp; w/ FIXED GLASS TRANSOM ABOVE</p> <p><b>LOCATION</b>        CLASSROOMS</p> 
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**DOORS AND WINDOWS SCHEDULE**  
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**REVISIONS:**

NO.	DATE	DESCRIPTION
1	10/10/2010	ISSUE FOR TENDER

**APPROVED:**

DESIGNED BY: *[Signature]*

CHECKED BY: *[Signature]*

DRAWN BY: *[Signature]*

**PROJECT:** URBANIZATION OF KENYA  
 PROJECT NO: 10000000000000000000

**CLIENT:** MINISTRY OF EDUCATION  
 PROJECT NO: 10000000000000000000

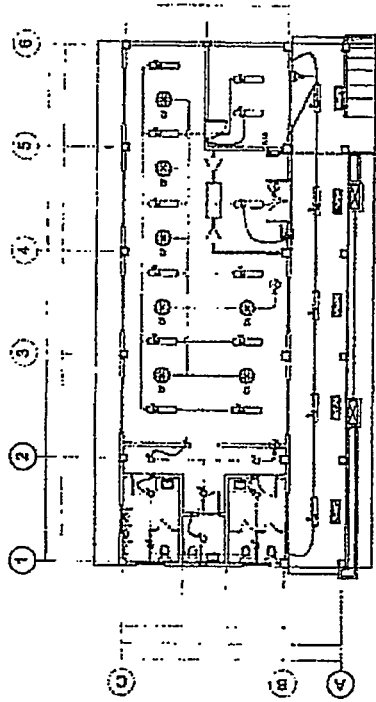
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**DATE:** 10/10/2010

**NO. OF SHEETS:** 5

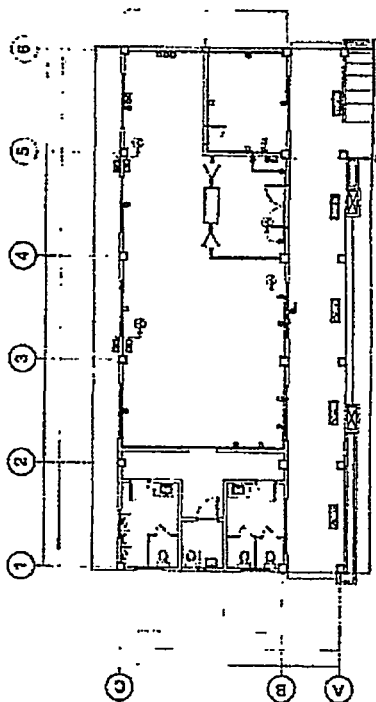
**SHEET NO.:** A-5





1  
E-1  
SCALE 1/8" = 1'-0"

PROPOSED BUILDING  
PROPOSED LIGHTING  
NOT TO SCALE



2  
E-1  
SCALE 1/8" = 1'-0"

PROPOSED BUILDING  
PROPOSED POWER  
NOT TO SCALE

SYMBOL	DESCRIPTION
Ⓛ	LIGHTING SPECIFICATION
Ⓛ	2-BAY LED RECESSED TRACK-MOUNTED, 600, 200W, 4000K, DAY LIGHT AC 80V - 155V 50/60 Hz, DIMMABLE, INTEGRATED REFLECTOR (E-GRADE)
Ⓛ	2-BAY LED RECESSED TRACK-MOUNTED, 600, 200W, 4000K, DAY LIGHT AC 80V - 155V 50/60 Hz, DIMMABLE, INTEGRATED REFLECTOR (E-GRADE)
Ⓛ	4-BAY LED RECESSED TRACK-MOUNTED, 600, 200W, 4000K, DAY LIGHT AC 80V - 155V 50/60 Hz

 <b>Michigan</b> DEPARTMENT OF EDUCATION DIVISION OF CAPITAL CONSTRUCTION 1500 WEST WASHINGTON AVENUE LANSING, MI 48206 TEL: (313) 237-2000 WWW.MICHIGANDEPARTMENTOFEDUCATION.MICHIGAN.GOV	PROJECT NO. 2013-2014-0010	SHEET NO. E-1	SCALE AS SHOWN	
	ARCHITECT [Signature] ARCHITECTURE	CONTRACTOR [Signature] CONSTRUCTION	DATE 11/15/13	PROJECT NAME PROPOSED LEONARD BUILDING
	DESIGNER [Signature] ARCHITECTURE	CHECKED BY [Signature]	DATE 11/15/13	PROJECT LOCATION 1500 WEST WASHINGTON AVENUE LANSING, MI 48206

**GENERAL NOTES**

ALL ELECTRICAL WORKS HEREIN SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE PHILIPPINE ELECTRICAL CODE (PEC), EXISTING LOCAL ORDINANCES, RULES AND REGULATIONS OF THE UTILITY COMPANY.

ALL MATERIALS (EQUIPMENT AND ACCESSORIES) TO BE INSTALLED BY THE CONTRACTOR SHALL BE NEW AND SHALL BEAR THE CERTIFICATION MARK (PHILIPPINE STANDARD QUALITY MARK OR EXPORT COMMODITY CLEARANCE) ISSUED BY THE DEPARTMENT OF TRADE AND INDUSTRY-BUREAU OF PRODUCT STANDARDS (DIT-BPS) FOR SPECIFIC PURPOSES.

STANDARD TYPE OF ACCESSORIES, SPACING, DEVICE TERMINATION AND OTHER APPURTENANCES FOR THE ENTIRE ELECTRICAL INSTALLATION SHALL BE USED.

ALL NON-CURRENT CARRYING METAL PARTS OF ELECTRICAL EQUIPMENT SHALL BE EFFECTUALLY GROUND.

ALL DIMENSIONS SHOWN ON THE PLANS ARE APPROXIMATE AND SHALL BE VERIFIED AS ACTUAL LOCATIONS, DISTANCES AND LEVELS ARE COVERED BY ACTUAL FIELD CONDITIONS.

PROVIDE PULLBOX AS NEEDED TO FACILITATE INSERTION AND WITHDRAWAL OF WIRES WITHOUT ABRASION, CONDUIT BENDS SHALL BE MADE IN SUCH A WAY THAT THE INTERNAL DIAMETER IS NOT REDUCED.

WIRE SPACES SHALL BE MECHANICALLY AND ELECTRICALLY SECURED, TAPS, JOINTS AND SPICES LARGER THAN 3.5mm<sup>2</sup> SHALL BE MADE WITH THE USE OF SOLDER-LESS COPPER CONNECTION, THEY SHALL BE COVERED WITH ELECTRICAL TAPE EQUAL TO THE THICKNESS OF THE WIRE INSULATION.

CONDUIT ROUTING SHALL BE DONE UNDER DIRECT SUPERVISION OF DULY LICENSED ELECTRICAL ENGINEER.

CONDUIT ROUTING SHALL BE DONE UNDER DIRECT SUPERVISION OF DULY LICENSED ELECTRICAL ENGINEER.

ALL PANELS, DRAWERS AND SWITCHES MUST BE APPROPRIATELY TAGGED WITH FEEDERS/PANELS/REARERS SUPPLYING THEM.

ALL ELECTRICAL WORK SHALL BE DONE UNDER DIRECT SUPERVISION OF DULY LICENSED ELECTRICAL ENGINEER.

MINIMUM WIRE SIZE SHALL BE 3.5mm<sup>2</sup> AND 8.0mm<sup>2</sup> FOR BRANCH CIRCUITS AND SERVICE FEEDERS RESPECTIVELY, UNLESS OTHERWISE SPECIFIED.

GROUNDING CONNECTION SHOULD BE DONE BY ELECTRIC WELDING CONNECTION OR OTHER APPROVED SOLDER PROCESS, MINIMUM WELDING RESISTANCE SHOULD BE 5 OHMS.

THE JOB SHALL BE EXECUTED IN THE MOST THOROUGH, PRUDENT AND WORKMANLIKE MANNER, EMPLOYING STANDARD TOOLS, EQUIPMENTS, AND GOOD ENGINEERING PRACTICES.

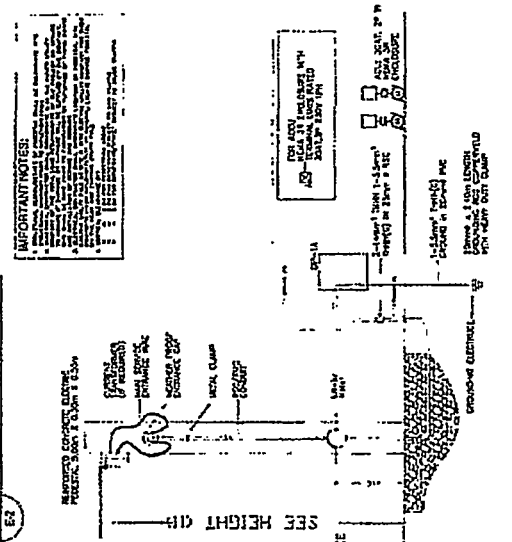
NEW BRANCH CIRCUITS SHALL BE LABELED AT THE ORIGINATING PANEL BOARD, ON THE PANEL BOARD LEGEND, THEY SHALL BE ALSO LABELED AT THE LOAD END ON THE RECEPTACLE, LIGHT SWITCH, OR THE PIECE OF EQUIPMENT (E.G. MOTOR STARTER, SAFETY SWITCH).

- MOUNTING HEIGHT OF WIRING DEVICES SHALL BE AS FOLLOWS:
- 1. LIGHT SWITCH - 1.20 M ABOVE FINISH FLOOR
  - 2. CONDUIT - 0.30 M ABOVE FINISH FLOOR
  - 3. PANEL BOARD - 1.80 M ABOVE FINISH FLOOR
  - 4. THE ALARM STATION OUTLET - 1.20 M ABOVE FINISH FLOOR
  - 5. PUSH BUTTON OUTLET - 1.20 M ABOVE FINISH FLOOR
  - 6. FIRE ALARM & BELL - 2.10 M BELOW CEILING LINE

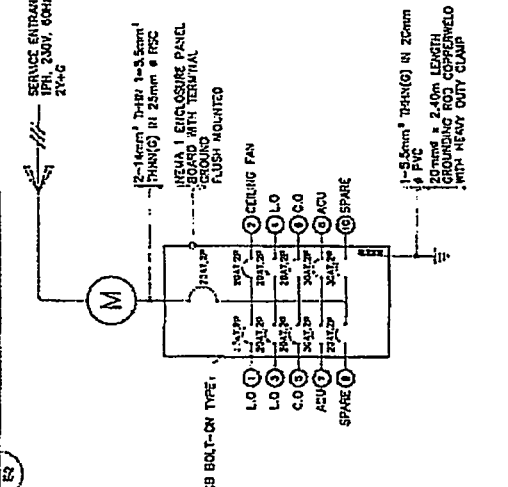
**1 SCHEDULE OF LOADS**

SCHEDULE OF LOADS	
NO.	DESCRIPTION
1	3-Phase Motor (M)
2	1-Phase Motor (M)
3	1-Phase Motor (M)
4	1-Phase Motor (M)
5	1-Phase Motor (M)
6	1-Phase Motor (M)
7	1-Phase Motor (M)
8	1-Phase Motor (M)
9	1-Phase Motor (M)
10	1-Phase Motor (M)
11	1-Phase Motor (M)
12	1-Phase Motor (M)
13	1-Phase Motor (M)
14	1-Phase Motor (M)
15	1-Phase Motor (M)
16	1-Phase Motor (M)
17	1-Phase Motor (M)
18	1-Phase Motor (M)
19	1-Phase Motor (M)
20	1-Phase Motor (M)
21	1-Phase Motor (M)
22	1-Phase Motor (M)
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100	1-Phase Motor (M)

**2 SINGLE LINE DIAGRAM**



**3 ELECTRICAL RISER DIAGRAM**



**IMPORTANT NOTES:**

1. ALL MATERIALS AND EQUIPMENT TO BE INSTALLED BY THE CONTRACTOR SHALL BE NEW AND SHALL BEAR THE CERTIFICATION MARK (PHILIPPINE STANDARD QUALITY MARK OR EXPORT COMMODITY CLEARANCE) ISSUED BY THE DEPARTMENT OF TRADE AND INDUSTRY-BUREAU OF PRODUCT STANDARDS (DIT-BPS) FOR SPECIFIC PURPOSES.
2. ALL DIMENSIONS SHOWN ON THE PLANS ARE APPROXIMATE AND SHALL BE VERIFIED AS ACTUAL LOCATIONS, DISTANCES AND LEVELS ARE COVERED BY ACTUAL FIELD CONDITIONS.
3. PROVIDE PULLBOX AS NEEDED TO FACILITATE INSERTION AND WITHDRAWAL OF WIRES WITHOUT ABRASION, CONDUIT BENDS SHALL BE MADE IN SUCH A WAY THAT THE INTERNAL DIAMETER IS NOT REDUCED.
4. WIRE SPACES SHALL BE MECHANICALLY AND ELECTRICALLY SECURED, TAPS, JOINTS AND SPICES LARGER THAN 3.5mm<sup>2</sup> SHALL BE MADE WITH THE USE OF SOLDER-LESS COPPER CONNECTION, THEY SHALL BE COVERED WITH ELECTRICAL TAPE EQUAL TO THE THICKNESS OF THE WIRE INSULATION.
5. CONDUIT ROUTING SHALL BE DONE UNDER DIRECT SUPERVISION OF DULY LICENSED ELECTRICAL ENGINEER.
6. ALL PANELS, DRAWERS AND SWITCHES MUST BE APPROPRIATELY TAGGED WITH FEEDERS/PANELS/REARERS SUPPLYING THEM.
7. ALL ELECTRICAL WORK SHALL BE DONE UNDER DIRECT SUPERVISION OF DULY LICENSED ELECTRICAL ENGINEER.
8. MINIMUM WIRE SIZE SHALL BE 3.5mm<sup>2</sup> AND 8.0mm<sup>2</sup> FOR BRANCH CIRCUITS AND SERVICE FEEDERS RESPECTIVELY, UNLESS OTHERWISE SPECIFIED.
9. GROUNDING CONNECTION SHOULD BE DONE BY ELECTRIC WELDING CONNECTION OR OTHER APPROVED SOLDER PROCESS, MINIMUM WELDING RESISTANCE SHOULD BE 5 OHMS.
10. THE JOB SHALL BE EXECUTED IN THE MOST THOROUGH, PRUDENT AND WORKMANLIKE MANNER, EMPLOYING STANDARD TOOLS, EQUIPMENTS, AND GOOD ENGINEERING PRACTICES.
11. NEW BRANCH CIRCUITS SHALL BE LABELED AT THE ORIGINATING PANEL BOARD, ON THE PANEL BOARD LEGEND, THEY SHALL BE ALSO LABELED AT THE LOAD END ON THE RECEPTACLE, LIGHT SWITCH, OR THE PIECE OF EQUIPMENT (E.G. MOTOR STARTER, SAFETY SWITCH).
12. MOUNTING HEIGHT OF WIRING DEVICES SHALL BE AS FOLLOWS:
  - 1. LIGHT SWITCH - 1.20 M ABOVE FINISH FLOOR
  - 2. CONDUIT - 0.30 M ABOVE FINISH FLOOR
  - 3. PANEL BOARD - 1.80 M ABOVE FINISH FLOOR
  - 4. THE ALARM STATION OUTLET - 1.20 M ABOVE FINISH FLOOR
  - 5. PUSH BUTTON OUTLET - 1.20 M ABOVE FINISH FLOOR
  - 6. FIRE ALARM & BELL - 2.10 M BELOW CEILING LINE

DATE: 08/15/2024	PROJECT NO.: 10000000000000000000	CLIENT: DEPARTMENT OF EDUCATION	PROJECT: DAUAD
DESIGNER: [Signature]	CHECKED: [Signature]	APPROVED: [Signature]	DATE: 08/15/2024
<b>Defied</b>			
E-2			



# GENERAL CONSTRUCTION NOTES

**REINFORCING CONCRETE - INTER. BEAM IN CONCRETE B.C. WALLS**

**UNITES IN BLOCK WALLS**

WALL THICKNESS	UNITES PER FOOT	UNITES PER FOOT	UNITES PER FOOT
8"	12	12	12
10"	15	15	15
12"	18	18	18
14"	21	21	21
16"	24	24	24
18"	27	27	27
20"	30	30	30
22"	33	33	33
24"	36	36	36
26"	39	39	39
28"	42	42	42
30"	45	45	45
32"	48	48	48
34"	51	51	51
36"	54	54	54
38"	57	57	57
40"	60	60	60
42"	63	63	63
44"	66	66	66
46"	69	69	69
48"	72	72	72
50"	75	75	75
52"	78	78	78
54"	81	81	81
56"	84	84	84
58"	87	87	87
60"	90	90	90

**NOTES:**  
1. THE BEAM REINFORCING BARS DO NOT HAVE TO BE PLACED IN THE CENTER OF THE WALL BUT MUST BE PLACED IN THE CENTER OF THE UNITS.  
2. THE BEAM REINFORCING BARS DO NOT HAVE TO BE PLACED IN THE CENTER OF THE UNITS BUT MUST BE PLACED IN THE CENTER OF THE UNITS.  
3. THE BEAM REINFORCING BARS DO NOT HAVE TO BE PLACED IN THE CENTER OF THE UNITS BUT MUST BE PLACED IN THE CENTER OF THE UNITS.

**NOTES ON STRIPS**

1. ALL REINFORCING STRIPS SHALL BE PLACED IN THE CENTER OF THE WALL.
2. STRIPS SHALL BE PLACED IN THE CENTER OF THE WALL.
3. STRIPS SHALL BE PLACED IN THE CENTER OF THE WALL.

**NOTES ON STRIP CONNECTION DETAIL**

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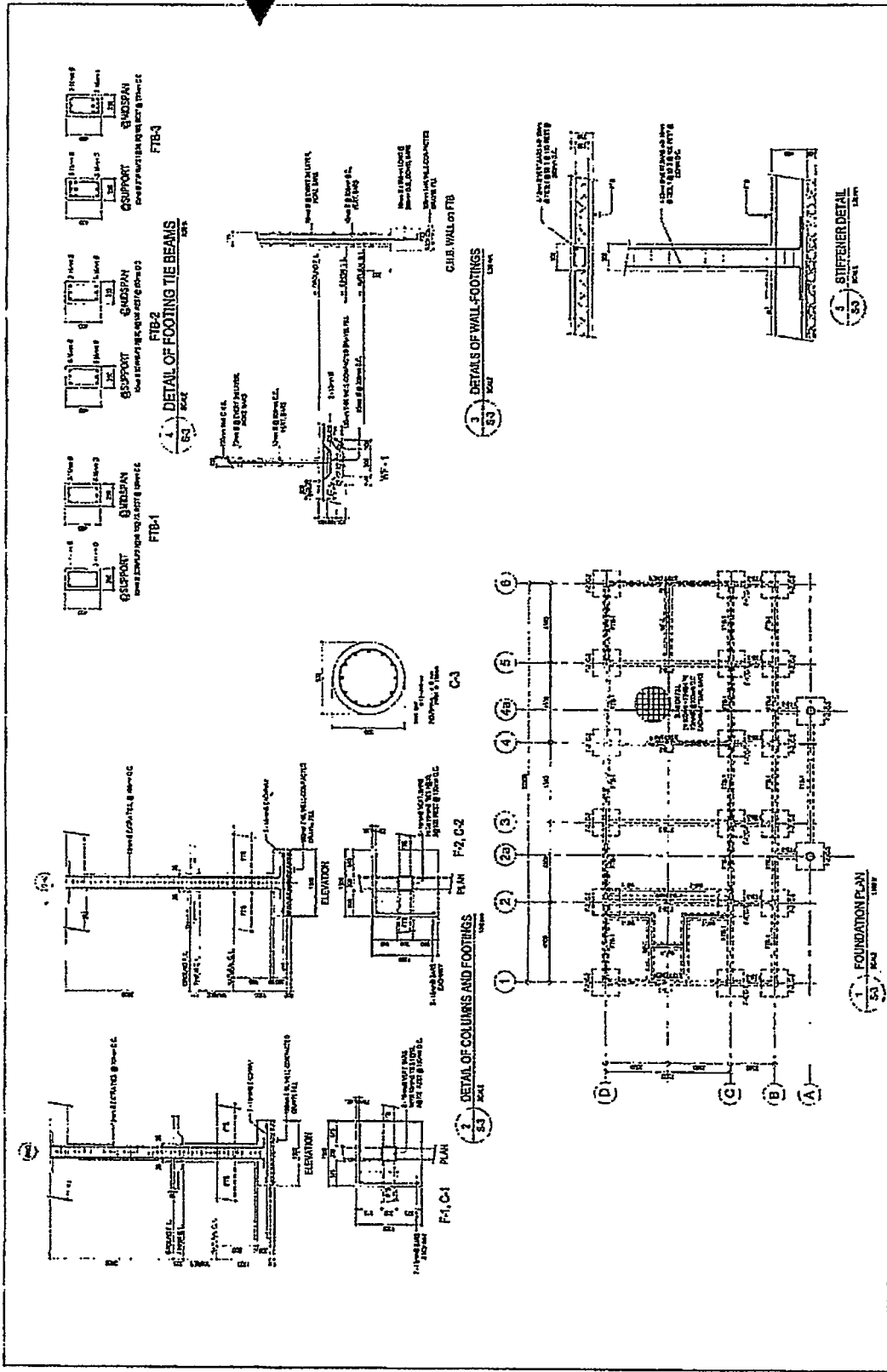
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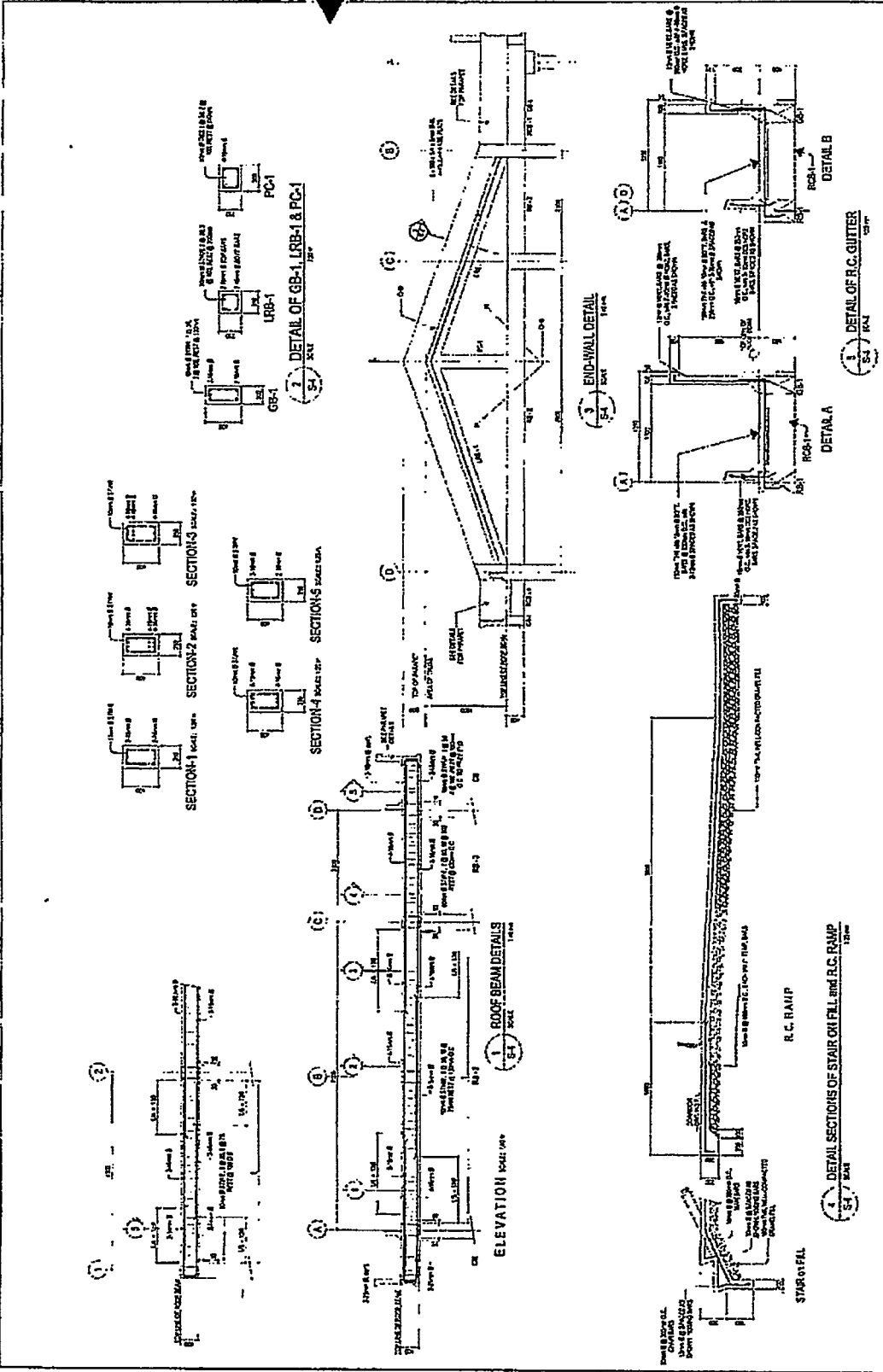
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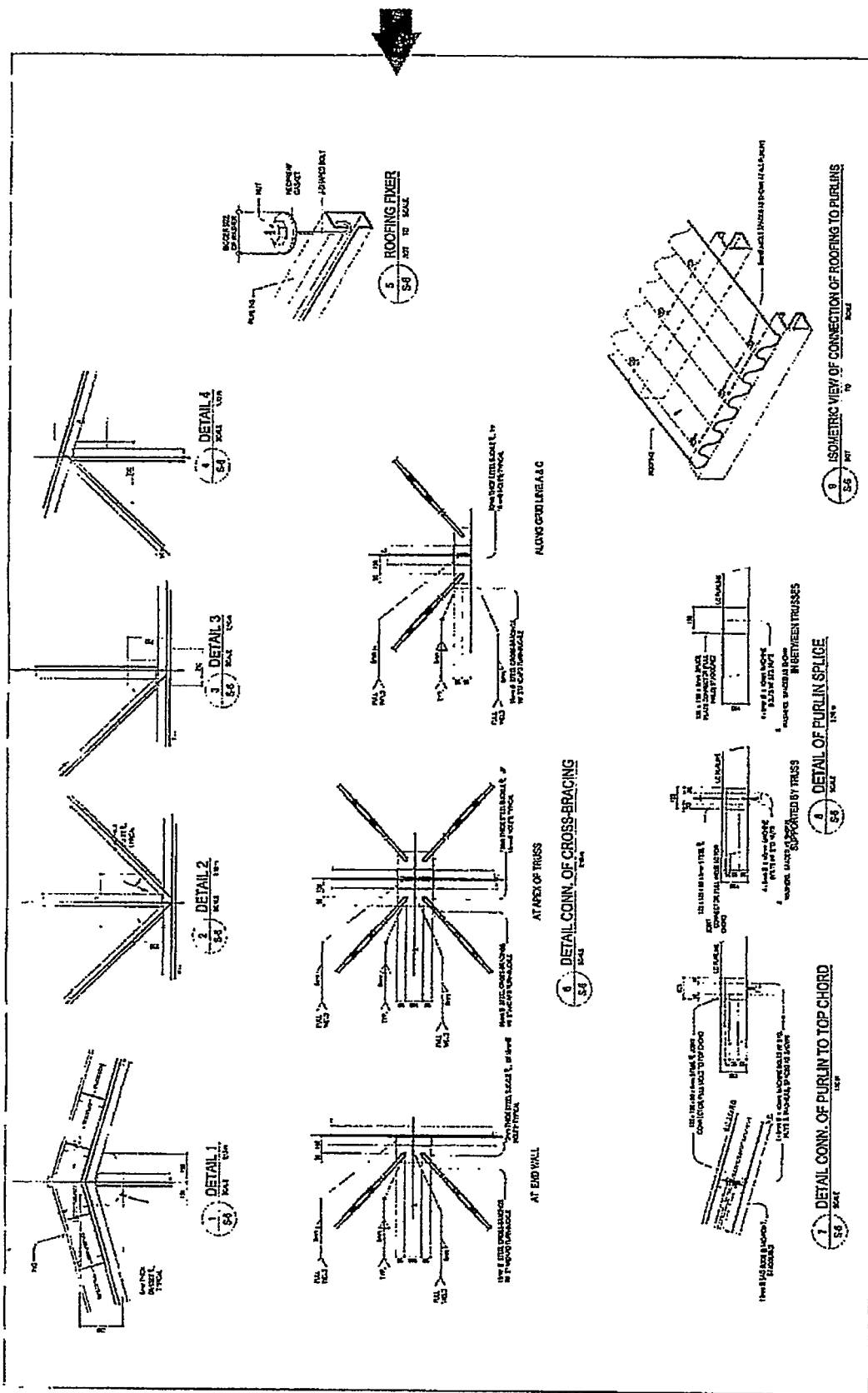


	DEBED ENGINEERING 1000 N. 10th St. Phoenix, AZ 85006	PROJECT NO. 2024-001	SHEET NO. S-3	DATE 08/2024
	PROJECT NAME DEPARTMENT OF EDUCATION DRYAD	DESIGNER J. SMITH	CHECKER M. JONES	APPROVER R. BROWN



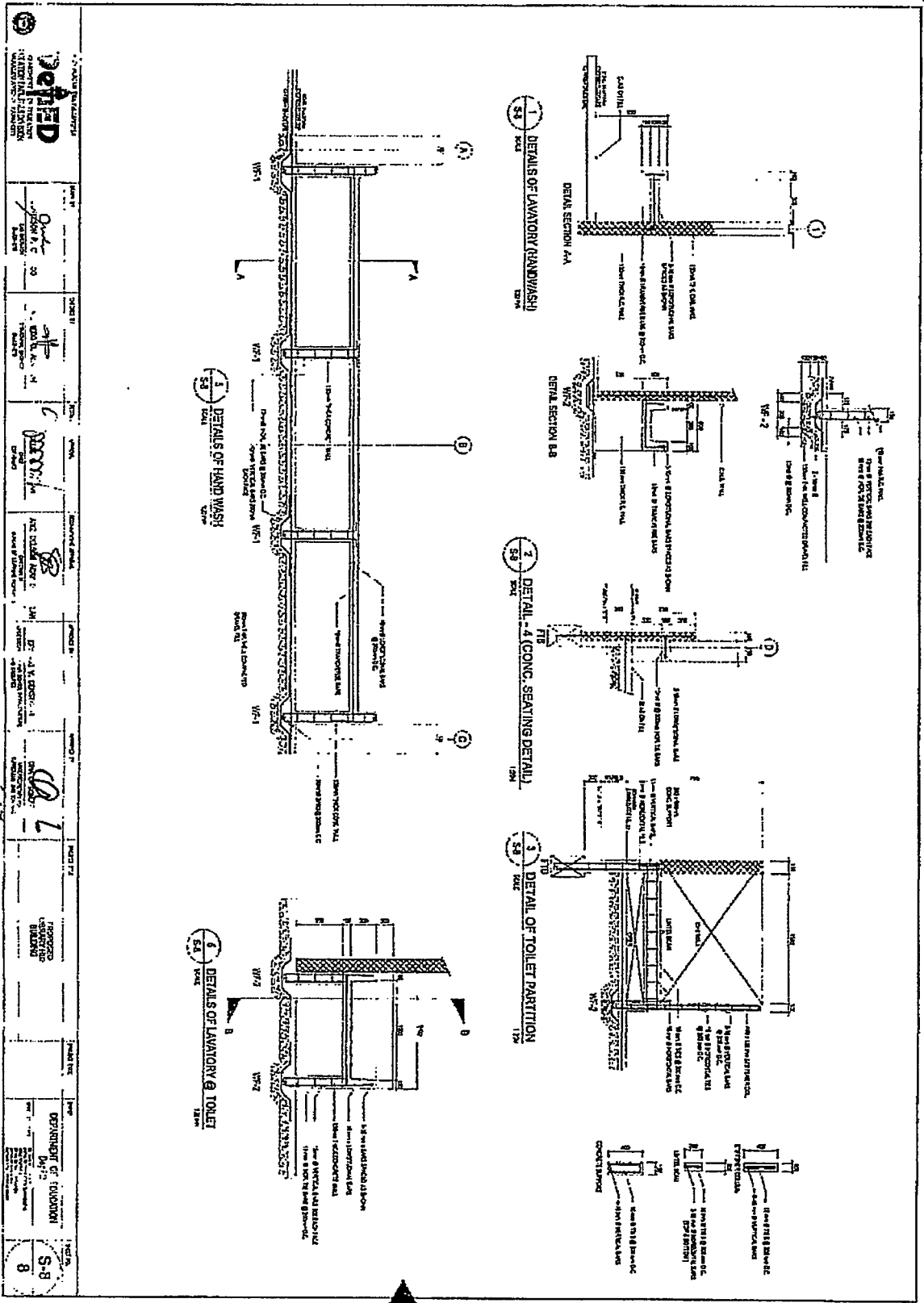
 <b>Defied</b> ENGINEERING & CONSTRUCTION 123 MAIN STREET, SUITE 100 NEW YORK, NY 10001 TEL: (212) 123-4567 FAX: (212) 123-4568 WWW.DEFIED.COM	DRAWN BY J. J. JONES CHECKED BY M. M. MURPHY	DATE 10/20/2023	PROJECT NO. SA-1000	SHEET NO. 8
	PROJECT NAME PROPOSED BUILDING	CONTRACTOR J. J. JONES & COMPANY	ARCHITECT M. M. MURPHY & ASSOCIATES	CLIENT J. J. JONES & COMPANY





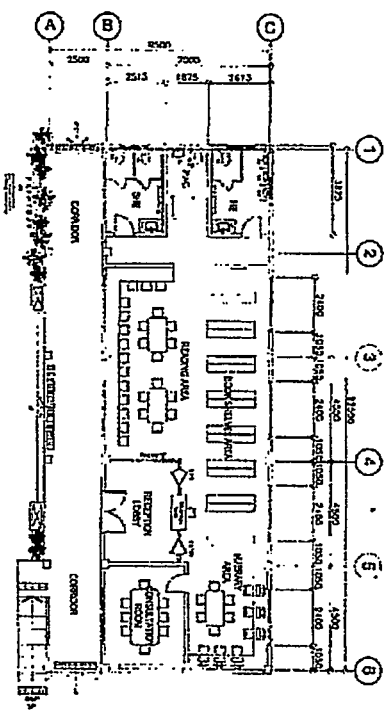
		SHEET NO. <b>S-6</b>
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SCALE AS SHOWN		TITLE PROPOSED REVISIONS 1. [Signature]
APPROVED BY [Signature]		PROJECT NO. DEPARTMENT OF EDUCATION DIVISION
DATE 1954		SHEET NO. <b>S-6</b>



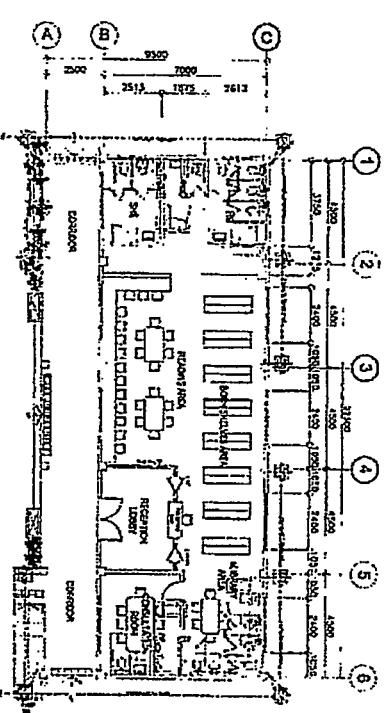


 <b>Defied</b> DEPARTMENT OF EDUCATION GOVT. OF KARNATAKA BANGALORE	PROJECT NO. 12M	PROJECT TITLE 12M	PROJECT LOCATION 12M	PROJECT DATE 12M	PROJECT STATUS 12M	PROJECT TYPE 12M
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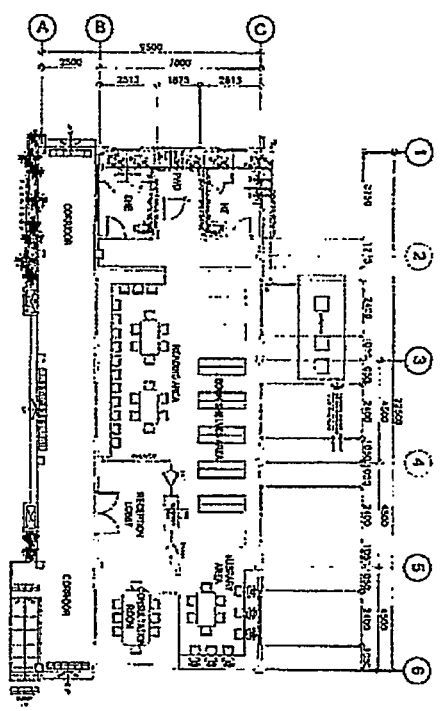




1 WATER LINE LAYOUT  
1/4" = 1'-0"



1 STORM DRAINAGE LAYOUT  
1/4" = 1'-0"



1 SEWER LINE LAYOUT  
1/4" = 1'-0"

**DEPIED**  
 DEPARTMENT OF EXHIBITION  
 1000 EAST 15TH AVENUE  
 DENVER, CO 80202

DESIGNED BY: *[Signature]*  
 CHECKED BY: *[Signature]*  
 APPROVED BY: *[Signature]*

DATE: 10/15/10

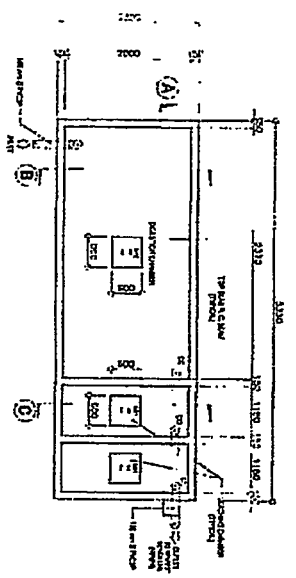
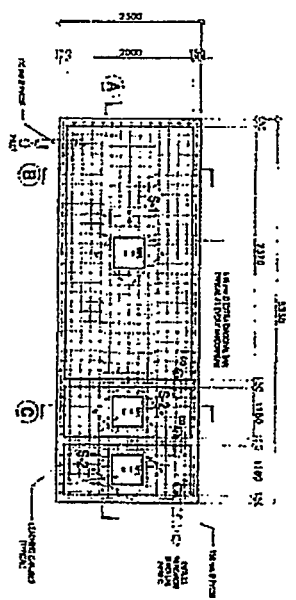
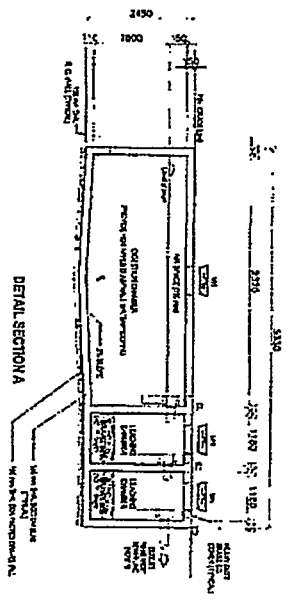
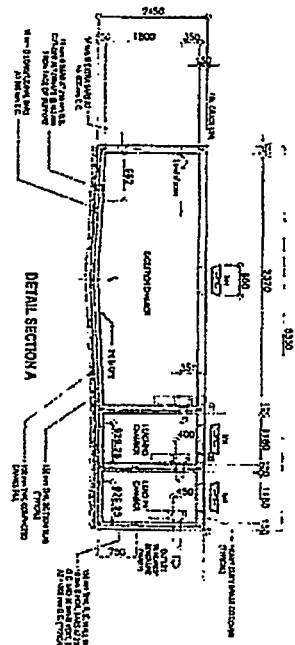
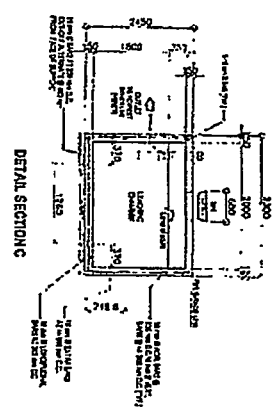
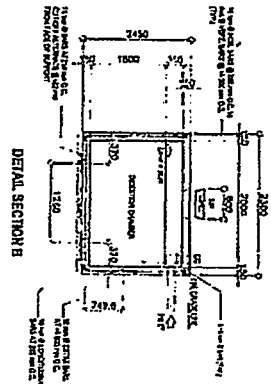
PROJECT: 1000 EAST 15TH AVENUE  
 SHEET: 1000 EAST 15TH AVENUE - UTILITY LAYOUT

REVISIONS:  
 1. REVISIONS TO WATER LINE LAYOUT  
 2. REVISIONS TO STORM DRAINAGE LAYOUT  
 3. REVISIONS TO SEWER LINE LAYOUT





SCHEDULE OF TOP SLAB REINFORCEMENT			
NO.	DESCRIPTION	QUANTITY	REMARKS
1.1	Top Reinforcing Bars for Slab	1.10	See Schedule B
1.2	Bottom Reinforcing Bars for Slab	1.20	See Schedule B



2 DETAIL OF SEPTIC VAULT (WITH REINFORCING BARS)

3 DETAIL OF SEPTIC VAULT

**DEVELOP**

DESIGNED BY: [Signature]

CHECKED BY: [Signature]

DATE: [Date]

PROJECT: [Project Name]

NO. 4