



**JINNAH SINDH MEDICAL UNIVERSITY KARACHI**  
**REPAIR & RENOVATION OF LECTURE HALLS OF GROUND & FOURTH FLOOR**  
**AT JINNAH SINDH MEDICAL UNIVERSITY KARACHI.**

**TENDER DRAWINGS**  
**VOLUME - III**  
**OCTOBER, 2017**

**NATIONAL ENGINEERING SERVICES PAKISTAN (PVT.) LTD.**  
**ARCHITECTURE & PLANNING DIVISION KARACHI.**

**REPAIR & RENOVATION OF LECTURE HALLS OF GROUND & FOURTH FLOOR  
AT JINNAH SINDH MEDICAL UNIVERSITY KARACHI.**



## LIST OF DRAWINGS

## ARCHITECTURAL.


S/NO	DRAWING NO.	DESCRIPTION
1.	3007/00/1D/0000	LIST OF DRAWINGS
2.	3007/00/1D/0001	GROUND FLOOR , EXISTING GROUND FLOOR PLAN
3.	3007/00/1D/0002	GROUND FLOOR , PROPOSED GROUND FLOOR PLAN
4.	3007/00/1D/0003	GROUND FLOOR , FURNITURE LAYOUT PLAN
5.	3007/00/1D/0004	GROUND FLOOR , FALSE CEILING PLAN
6.	3007/00/1D/0005	GROUND FLOOR , WALL CLADDING & FLOOR FINISH LAYOUT PLAN
7.	3007/00/1D/0006	FOURTH FLOOR , EXISTING GROUND FLOOR PLAN
8.	3007/00/1D/0007	FOURTH FLOOR , PROPOSED GROUND FLOOR PLAN
9.	3007/00/1D/0008	FOURTH FLOOR , FURNITURE LAYOUT PLAN
10.	3007/00/1D/0009	FOURTH FLOOR , FALSE CEILING PLAN
11.	3007/00/1D/0010	FOURTH FLOOR , WALL CLADDING & FLOOR FINISH LAYOUT PLAN
12.	3007/00/1D/0011	SECTION - A-B & DETAILS
13.	3007/00/1D/0011a	SECTION - C & DETAILS
14.	3007/00/1D/0012	WALL CLADDING PART PLAN / DETAIL 1 & 2
15.	3007/00/1D/0013	TYPICAL SECTION OF CEILING,SECTION C, DOOR WINDOW SCHEDULE & DETAIL-A
16.	3007/00/1D/0014	STAGE PLAN SECTION 1,2 AND DETAILS

## ELECTRICAL DRAWINGS.

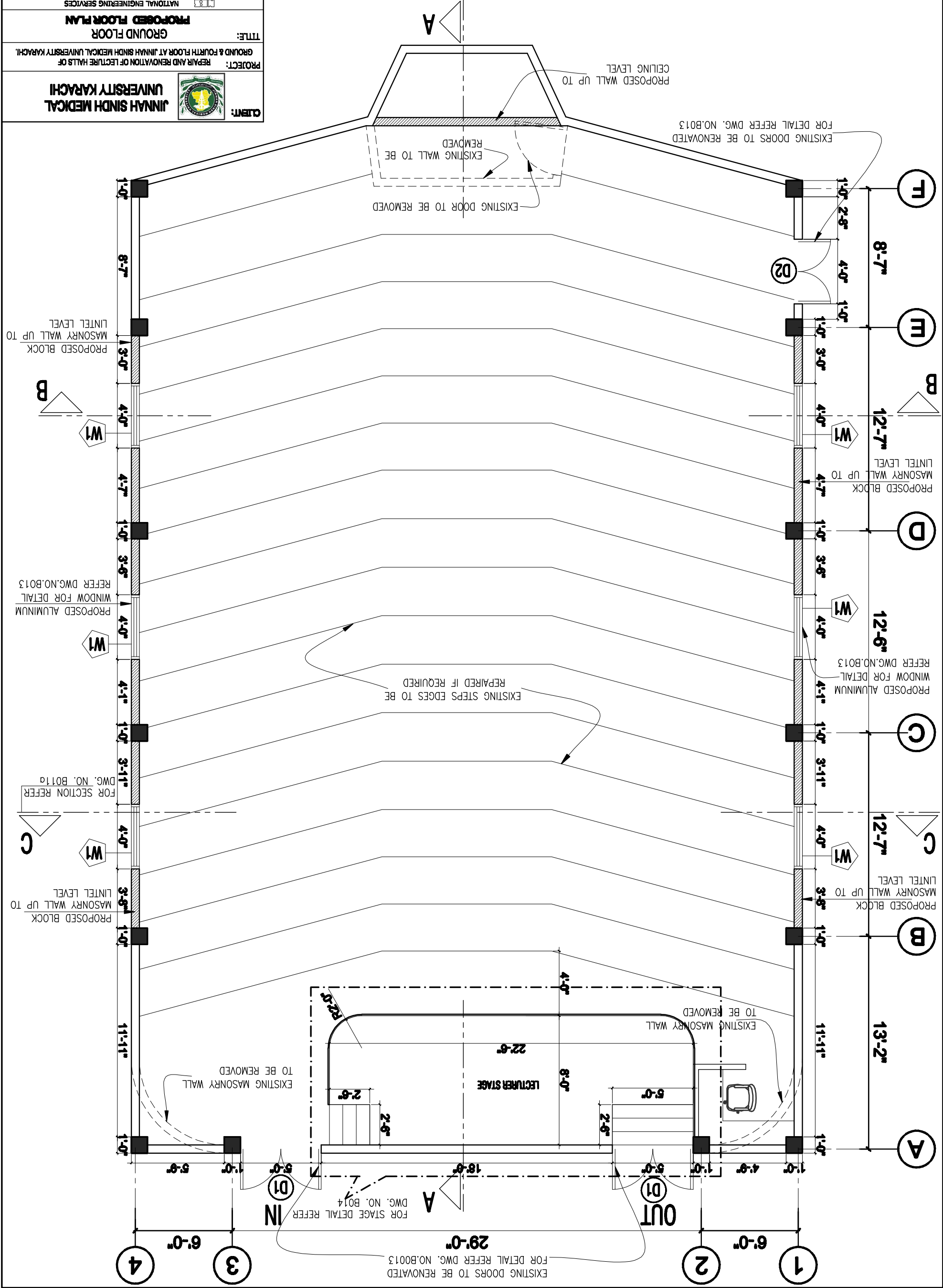
1.	3007/00/17/03/01	ELECTRICAL LEGEND, GENERAL NOTES & MISC DETAIL
2.	3007/00/17/03/02	GROUND FLOOR, LIGHTING LAYOUT PLAN (1 OF 02)
3.	3007/00/17/03/03	GROUND FLOOR, LIGHTING LAYOUT PLAN (2 OF 02)
4.	3007/00/17/03/04	GROUND FLOOR, POWER LAYOUT PLAN
5.	3007/00/17/03/05	GROUND FLOOR, MAIN SINGLE LINE DIAGRAM AND DB DETAILS
6.	3007/00/17/03/06	FOURTH FLOOR, LIGHTING LAYOUT PLAN (1 OF 02)
7.	3007/00/17/03/07	FOURTH FLOOR, LIGHTING LAYOUT PLAN (2 OF 02)
8.	3007/00/17/03/08	FOURTH FLOOR, POWER LAYOUT PLAN
9.	3007/00/17/03/09	FOURTH FLOOR, MAIN SINGLE LINE DIAGRAM AND DB DETAILS

## HVAC SYSTEM

2.	2007/03/01/04/02	HVAC SYSTEM, FOURTH FLOOR
1.	2007/03/01/04/01	HVAC SYSTEM, GROUND FLOOR

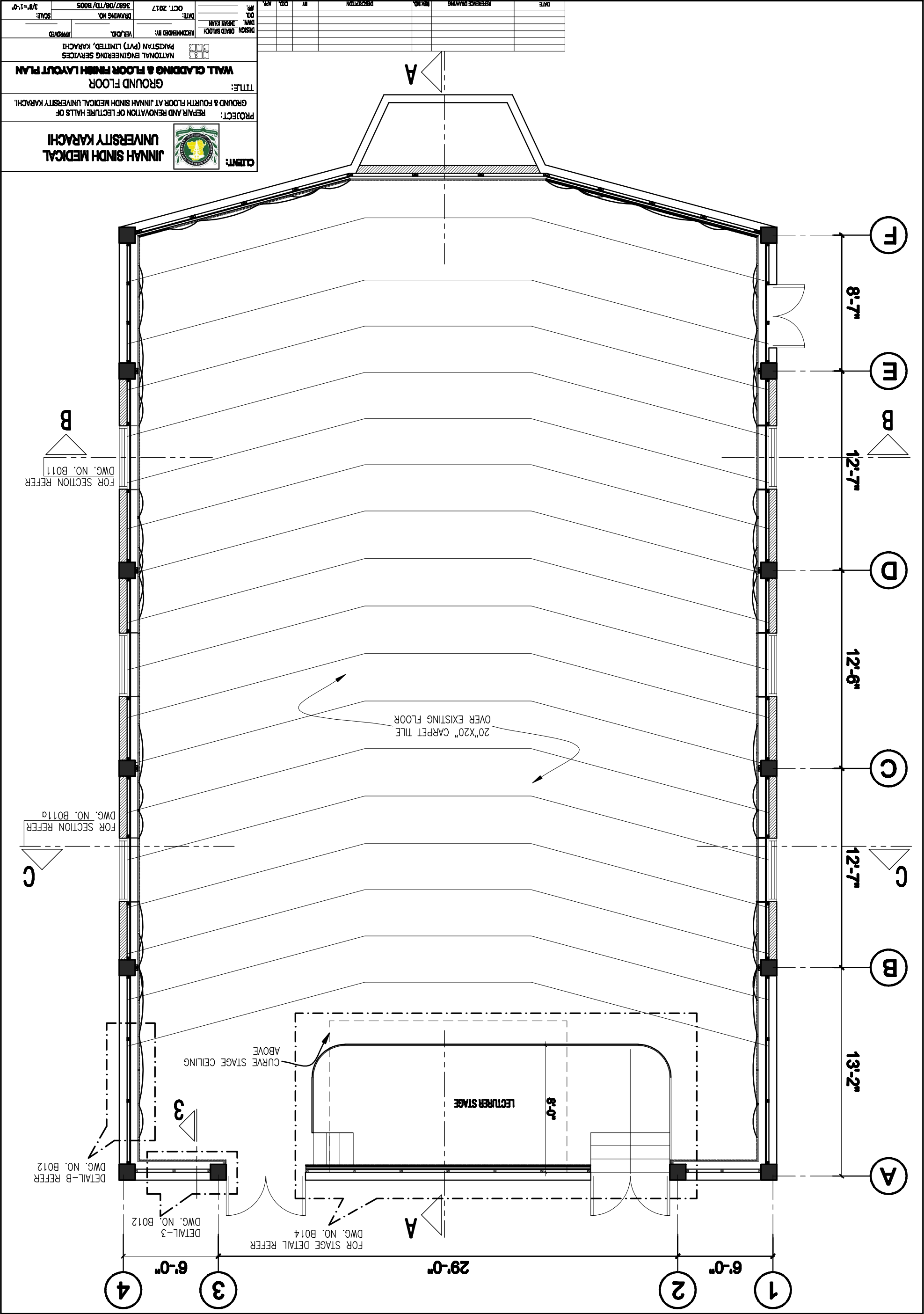
<b>CLIENT:</b>  <b>JINNAH SINDH MEDICAL UNIVERSITY KARACHI</b>	<b>PROJECT:</b> REPAIR AND RENOVATION OF LECTURE HALLS OF GROUND & FOURTH FLOOR AT JINNAH SINDH MEDICAL UNIVERSITY KARACHI.	<b>TITLE:</b>		<b>LIST OF DRAWINGS</b>	
<b>DESIGN, DRAFTING &amp; PLOTTING:</b> PAKISTAN (PVT) LIMITED, KARACHI	<b>DRAWING NO:</b> 3667/MB/TD/0003	<b>DATE:</b> OCT. 2017	<b>APPROVED BY:</b>	<b>CHECKED BY:</b>	<b>DATE:</b>
			<b>SIGNED BY:</b>	<b>DATE:</b>	<b>DATE:</b>
			<b>SCALE:</b>	<b>NO. OF SHEETS:</b>	<b>TOTAL SHEETS:</b>
			<b>REVISED BY:</b>	<b>DATE:</b>	<b>DATE:</b>
			<b>REVISED BY:</b>	<b>DATE:</b>	<b>DATE:</b>
			<b>REVISED BY:</b>	<b>DATE:</b>	<b>DATE:</b>



[illegible]

<b>CLIENT:</b> 	<b>PROJECT:</b> REPAIR AND RENOVATION OF LECTURE HALLS OF GROUND & FOURTH FLOOR AT JINNAH SINDH MEDICAL UNIVERSITY KARACHI.		<b>TITLE:</b> GROUND FLOOR FURNITURE LAYOUT PLAN	
				
<b>DESIGN:</b> GRAYD BUILDING <b>RECOMMENDED BY:</b> _____ <b>DATE:</b> OCT. 2017 <b>3687/08/7D/B003</b>		<b>VER/CHKD.</b> _____ <b>APPROVED:</b> _____ <b>SCALE:</b> 3/8"=1'-0"		<b>APP.</b> _____ <b>DRWN.</b> MIRHAN KHAAN





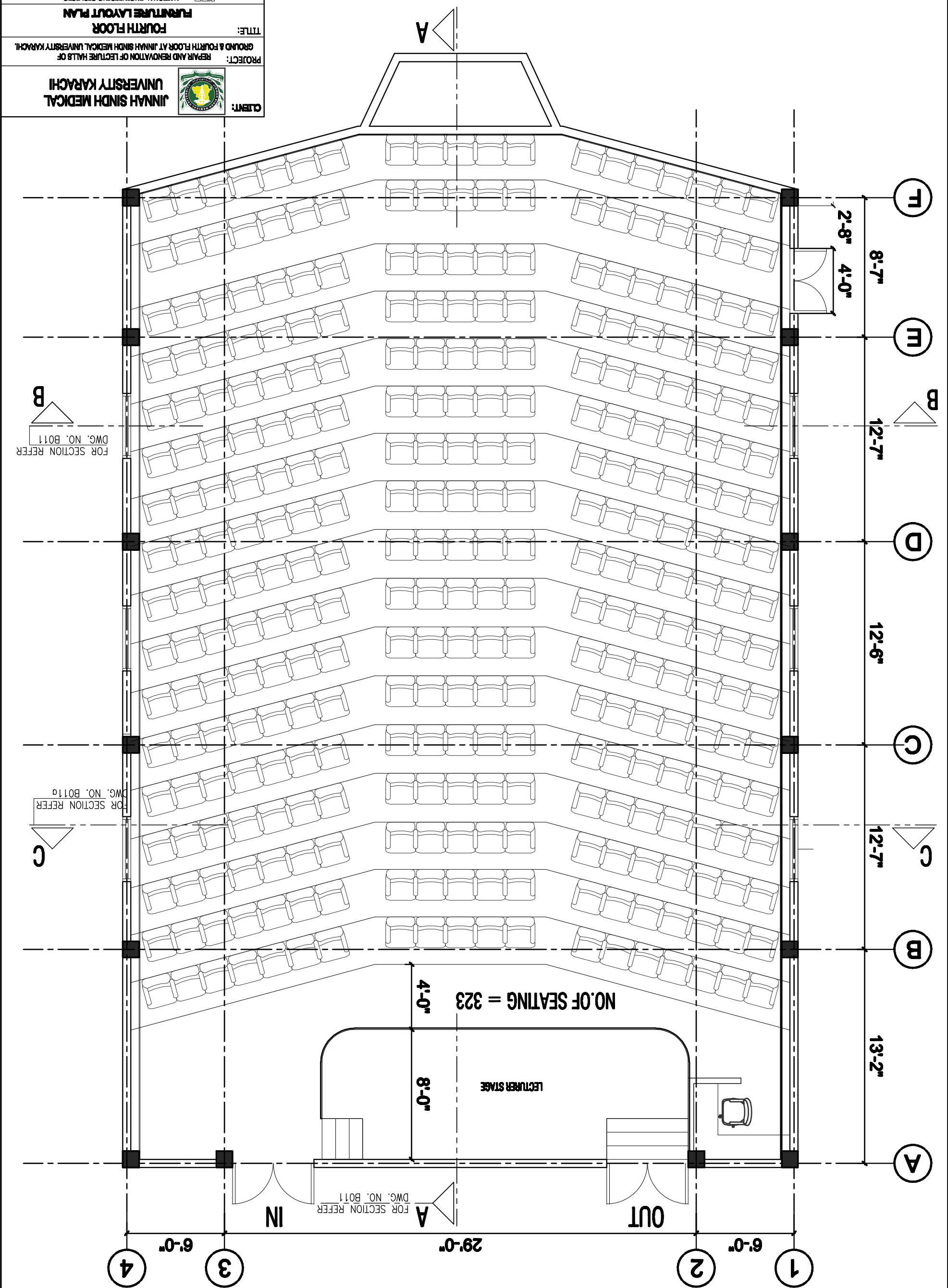


<b>CLIENT:</b> 	<b>PROJECT:</b> REPAIR AND RENOVATION OF LECTURE HALLS OF GROUND & FOURTH FLOOR AT JINNAH SINDH MEDICAL UNIVERSITY KARACHI.		<b>TITLE:</b> FOURTH FLOOR <b>EXISTING FLOOR PLAN</b>
			
<b>DESIGN:</b> DAYAL BALLOO <b>DATE:</b> OCT. 2017 <b>RECOMMENDED BY:</b>		<b>VER/CHK.</b> APPROVED: _____ SCALE: 3/8" = 1'-0"	<b>DRAWN:</b> DAYAL KHAJA <b>APP:</b> _____ <b>3687/08/17/ B006</b>





	CLIENT:	PROJECT: REPAIR AND RENOVATION OF LECTURE HALLS OF GROUND & FOURTH FLOOR AT JINNAH SINDH MEDICAL UNIVERSITY KARACHI.				TITLE: FOURTH FLOOR FURNITURE LAYOUT PLAN				DESIGN: DRAYD BALUCH	
		RECOMMENDED BY:		DATE: OCT. 2017		VER/CHKD.		APPROVED:		DRAWN: DRAYD KHAN	
						DRAWING NO. 3687/08/17/ B008		SCALE: 3/8"=1'-0"		APP:	





DATE

REFERENCE DRAWING

REV. NO.

DESCRIPTION

BY

CHK.

APP.

DESIGN

APP.

DATE

RECOMMENDED BY

VERIFIED

DATE

DRAWING NO.

SCALE

3/8"=1'-0"

3687/08/13/ B010

OCT. 2017

DESIGN: DR. ABID BLOCH

DWG. JIBAN KHAN

RECOMMENDED BY:

VERIFIED:

APPROVED:

PAKISTAN (PVT) LIMITED, KARACHI

NATIONAL ENGINEERING SERVICES

PROJECT:

REPAIR AND RENOVATION OF LECTURE HALLS OF

GROUND & FOURTH FLOOR AT JINNAH SINDH MEDICAL UNIVERSITY KARACHI.

TITLE:

FOURTH FLOOR

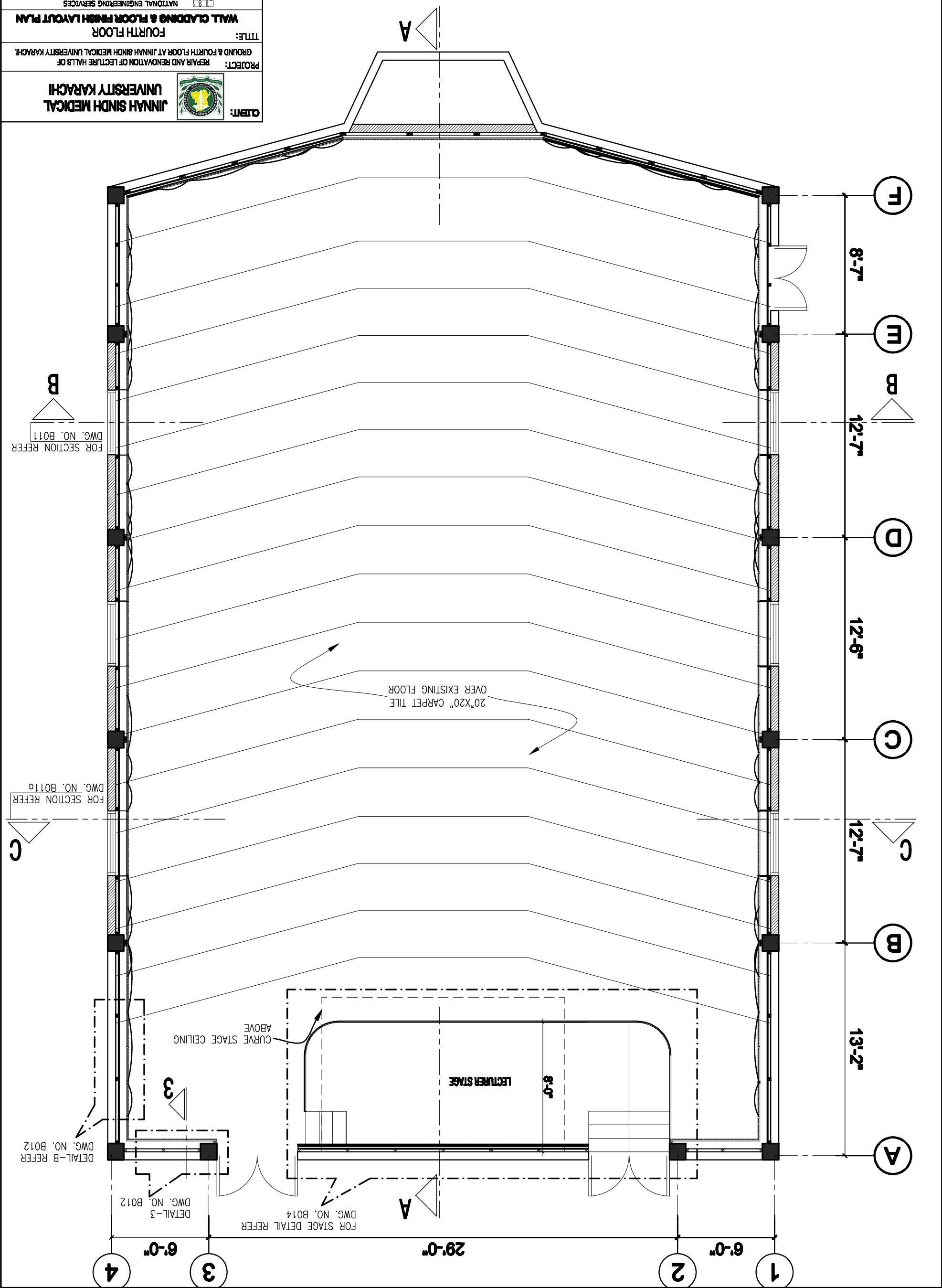
WALL CLADDING & FLOOR FINISH LAYOUT PLAN


CLIENT:

JINNAH SINDH MEDICAL

UNIVERSITY KARACHI

UNIVERSITY KARACHI



 PAKISTAN (PVT) LIMITED, KARACHI	DESIGN: SAJJAD BILAL DATE: 01/01/2017 DRAWN BY: SAJJAD BILAL APPR'D:	RECOMMENDED BY: _____ VERIFIED: _____ DRAWING NO. 3687/08/17/B011 SCALE: 3/8"=1'-0"
	3687/08/17/B011 3/8"=1'-0"	3687/08/17/B011 3/8"=1'-0"

This cross-section detail illustrates the construction of a bulkhead assembly. The assembly consists of several layers and components, with dimensions and material specifications provided:

- FOAM FILL:** A 6" thick layer of foam fill is shown at the top of the assembly.
- 1/2" TH. MARINE PLY:** A 1/2" thick layer of marine plywood is indicated below the foam fill.
- 1'-0" TH. MARINE PLY:** A 1'-0" thick layer of marine plywood is shown below the 1/2" ply.
- 4" TH. MARINE PLY:** A 4" thick layer of marine plywood is shown below the 1'-0" ply.
- 6" TH. MARINE PLY:** A 6" thick layer of marine plywood is shown below the 4" ply.
- 6" TH. MARINE PLY:** A 6" thick layer of marine plywood is shown at the bottom of the assembly.
- REFER DETAIL-1:** This detail is referenced for the 1'-0" TH. MARINE PLY layer.
- REFER DETAIL-2:** This detail is referenced for the 4" TH. MARINE PLY layer and the 6" TH. MARINE PLY layer.

The assembly is shown in a cross-section view, with dimensions and material specifications clearly labeled. The layers are stacked vertically, with the foam fill at the top and the marine plywood layers below it. The dimensions are given in inches and feet.

3 mm TH. TEAK VENEER PLY WOOD  
IN APPROVED MATT FINISH.  
OVER 9 mm THICK MDF TO BE FINISHED

3 mm TH. BECH VENEER PLY WOOD  
IN APPROVED POLISH  
OVER 9 mm THICK MDF TO BE FINISHED

REFER DETAIL-1

REFER DETAIL-2

REFER DETAIL-3

TEXT

GYP

Architectural section drawing of a wall and ceiling assembly. The drawing shows a cross-section of a wall with a sloped ceiling. The wall is composed of horizontal layers: 3 mm thick teak veneer ply wood, 9 mm thick MDF to be finished, approved polish, 3 mm thick beech veneer ply wood, 9 mm thick MDF to be finished, approved polish, and gypsum board sheet. The ceiling is also shown with similar layers. The drawing includes dimensions: 13'-2" for the wall height, 9'-4" for the ceiling height, and 8'-7" for the wall width. It also includes callouts for "REFER DETAIL-1", "REFER DETAIL-2", and "FOR SUSPENSION REFER". The drawing is labeled with "A" through "F" and "D".

<b>CLIENT:</b> 	<b>PROJECT:</b> REPAIR AND RENOVATION OF LECTURE HALLS OF GROUND & FOURTH FLOOR AT JINNAH SINDH MEDICAL UNIVERSITY KARACHI.		<b>TITLE:</b> <b>SECTION- C &amp; DETAILS</b>	
				
<b>DESIGN:</b> DRABD BALUCH <b>DATE:</b> OCT. 2017 <b>RECOMMEND BY:</b>		<b>APPROVED BY:</b> VER/OJO. <b>APPROVED:</b>		
<b>NO.</b> _____ <b>DATE:</b> _____ <b>DR.</b> DRABD BALUCH		<b>DRAWING NO.</b> 3667/08/10/ B011a <b>SCALE:</b> 3/8"=1'-0"		



CLIENT: 	PROJECT: <b>REPAIR AND RENOVATION OF LECTURE HALLS OF GROUND &amp; FOURTH FLOOR AT JINNAH SINDH MEDICAL UNIVERSITY KARACHI</b>		TITLE: <b>WALL CLADDING PART PLAN / DETAIL 1 &amp; 2</b>	
	NATIONAL ENGINEERING SERVICES PAKISTAN (PVT) LIMITED, KARACHI			
DESIGN: 	DRAWN: <b>DR. IMRAN KHAN</b>	RECOMMENDED BY: _____	VER/CHKD. _____	APPROVED: _____
	DATE: _____	OCT. 2017	DRAWING NO. _____	3667/08/17/ B/012
APP: _____	SCALE: <b>3/8"=1'-0"</b>			

Technical drawing of a wall section. The drawing shows a cross-section of a wall with various materials and structural details. The wall is composed of several layers: a thick outer layer with a cross-hatch pattern, a middle layer with a stippled pattern, and an inner layer with a vertical line pattern. The drawing includes dimensions and labels: '1/2' and 'R0' are indicated on the left side, and 'N' is indicated on the right side. The drawing is oriented vertically, with the top of the wall at the top and the bottom at the bottom.

This technical diagram illustrates a cross-section of a composite structure. It features a brickwork pattern on the left, followed by a vertical channel containing three cross-sections. To the right of the channel is a thick, granular layer. Further right is a curved, hatched layer. A dashed line on the far right has an arrow pointing to it.

1/2" THICK MDF SHEET TO BE FINISH IN APPROVED COLOR

1/2" TH. GLASS WOOL

GLASS WOOL INSULATION FOR SOUND PROOFING

ROUGH WOOD FRAME

1/2" TH. MARINE PLY

A detailed cross-section diagram of a boat seat cushion assembly. The diagram shows the following layers from left to right: a diamond-patterned cushion fabric, a rough wood frame, a 1/2" thick marine ply, another rough wood frame, a 1/2" thick glass wool insulation layer, and a final rough wood frame. Arrows point from the labels to the corresponding layers. The entire assembly is shown within a rectangular frame.

CUSHION FABRIC


1/2" TH. GLASS WOOL

ROUGH WOOD FRAME

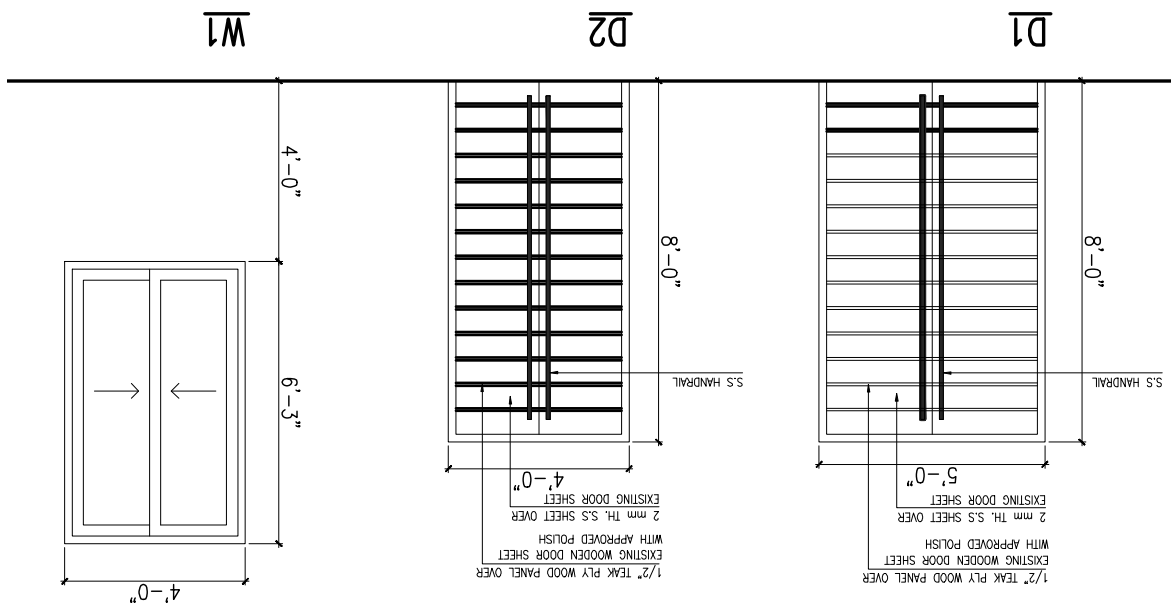
1/2" TH. MARINE PLY

ROUGH WOOD FRAME

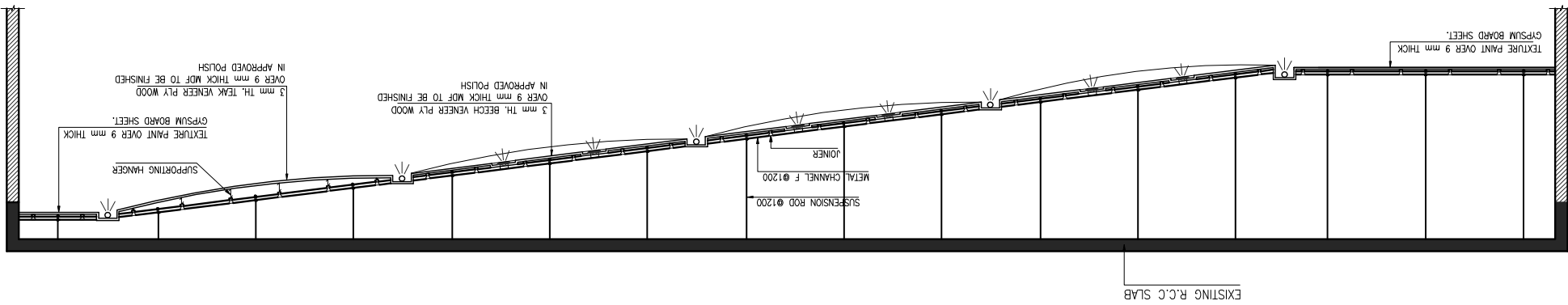
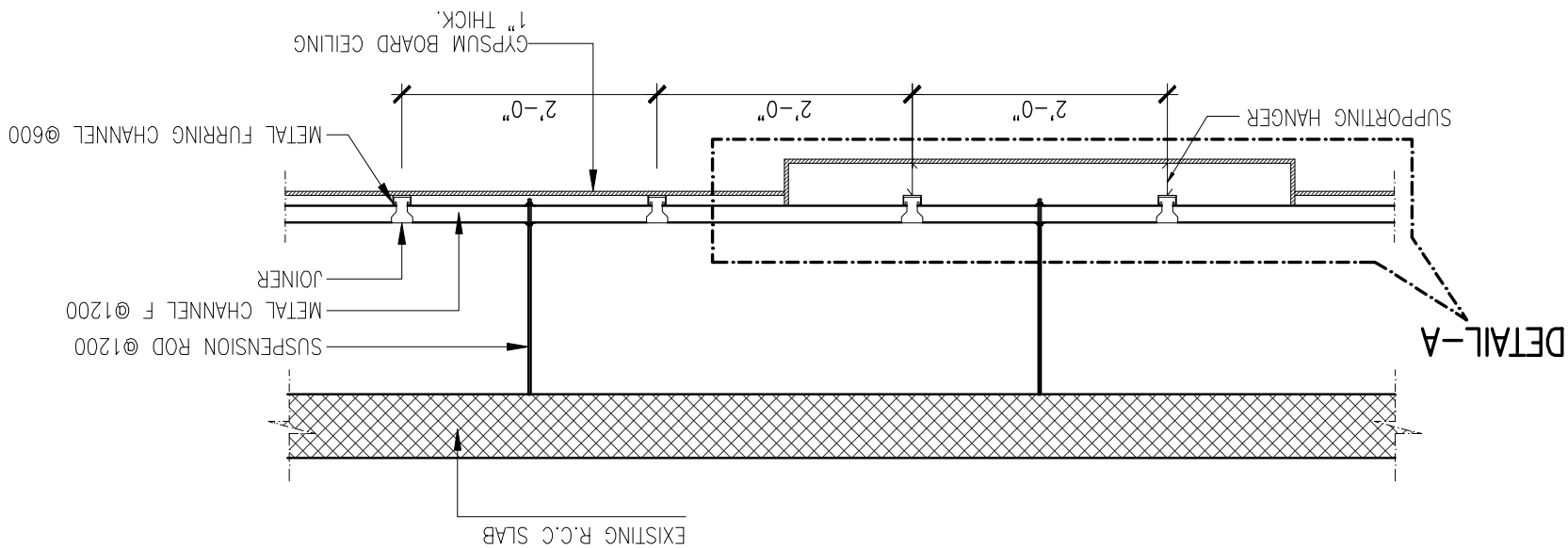
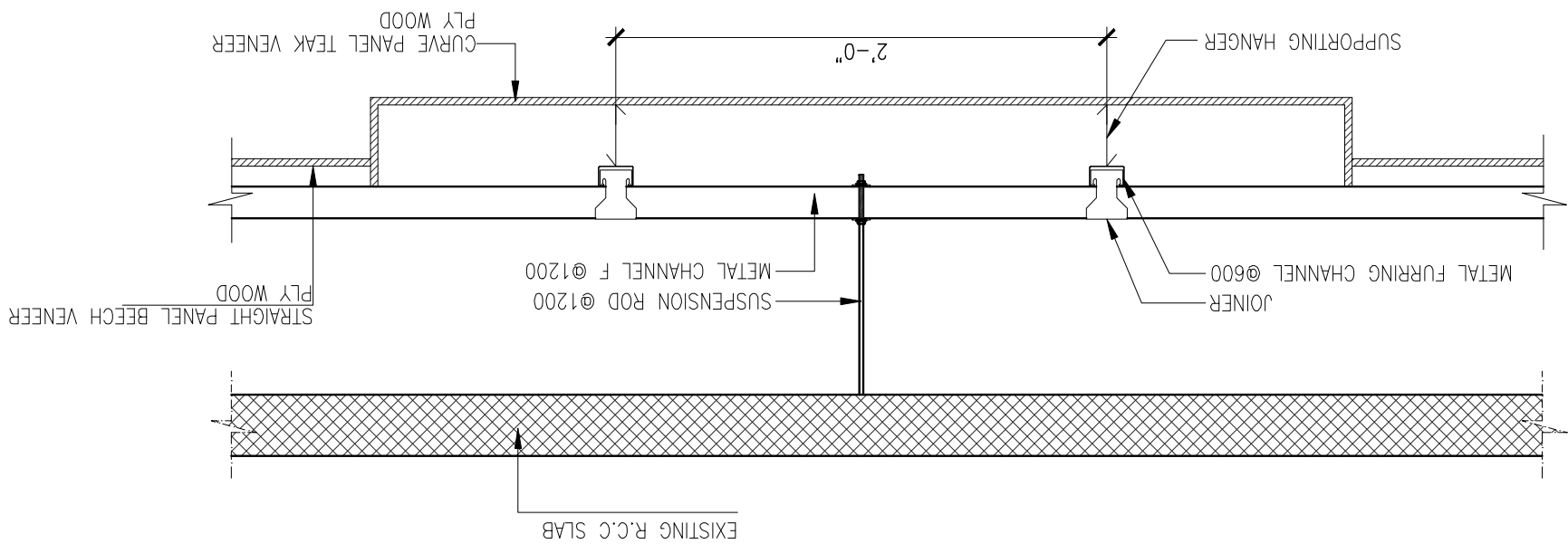


DATE	REFERENCE DRAWING	REV. NO.	DESCRIPTION	BY	CHECKED	APP.	DESIGN: OMBUD BALLOCH DWG. DEBAN KHAH APPROVED BY: DATE: OCT. 2017	DRAWING NO. 3687/08/1D/ B013	SCALE: 3/8"=1'-0"
							RECOMMENDED BY: VER/CHD.		
<div style="text-align: center;">    <b>PAKISTAN (PVT) LIMITED, KARACHI</b> </div>									

CLIENT:	 <b>JINNAH SINDH MEDICAL UNIVERSITY KARACHI</b>
PROJECT:	REPAIR AND RENOVATION OF LECTURE HALLS OF GROUND & FOURTH FLOOR AT JINNAH SINDH MEDICAL UNIVERSITY KARACHI.
TITLE:	<b>TYPICAL SECTION OF CEILING, SECTION C, DOOR WINDOW SCHEDULE &amp; DETAIL-A</b>
	<b>NATIONAL ENGINEERING SERVICES PAKISTAN (PVT) LIMITED, KARACHI.</b>



## SCHEDULE OF DOOR WINDOWS



DATE

REFERENCE DRAWING

REV. NO.

DESCRIPTION

BY

CHK.

APP.

DESIGN

APP.

DATE

RECOMMENDED BY

VERIFIED

APPROVED

3687/08/TD/BO14

3687/08/TD/BO14

OCT. 2017

RECOMMENDED BY:

VERIFIED:


APPROVED:

3/8"=1'-0"

SCALE:

3/8"=1'-0"

CLIENT:



**JINNAH SINDH MEDICAL UNIVERSITY KARACHI**

PROJECT:

REPAIR AND RENOVATION OF LECTURE HALLS OF GROUND & FOURTH FLOOR AT JINNAH SINDH MEDICAL UNIVERSITY KARACHI.

TITLE:

STAGE PLAN SECTION 1,2,3 AND DETAILS

DESIGN

APP.

DATE

RECOMMENDED BY

VERIFIED

APPROVED

3687/08/TD/BO14

3687/08/TD/BO14

OCT. 2017

RECOMMENDED BY:

VERIFIED:

APPROVED:

3/8"=1'-0"

SCALE:

3/8"=1'-0"

