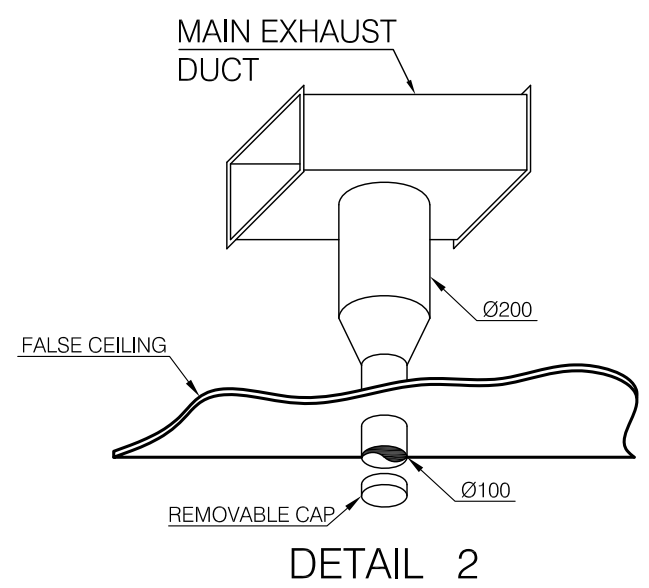


REFERENCE DRAWING	DWG. NO.
LAB. & YARD OFFICE B.L. G.A. (PLANS & SECTIONS)	1205-00-ST-DWG-976
LABORATORY & YARD OFFICE DUCTING LAYOUT	1205-00-HV-DWG-041

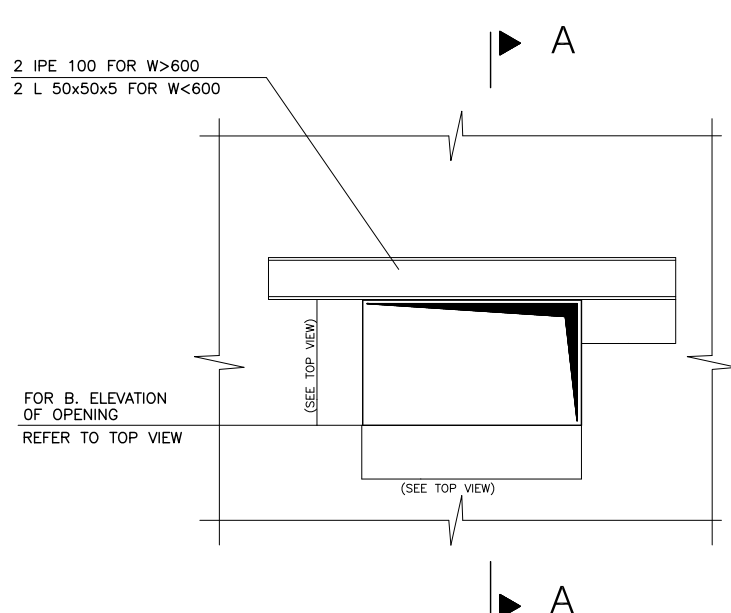
NOTES:

1. FOR GENERAL NOTES & SYMBOLS REFER TO 1203-00-HV-SDG-785.
2. ALL DIMENSIONS ARE IN mm.
3. FOR SECTIONS REFER TO DWG. NO. 1205-00-HV-DWG-042
4. FOR DUCT SUPPORTING AND OPENING LOCATION REFER TO DWG. NO. 1205-00-HV-DWG-043
5. FOR MORE DETAILS ABOUT INSTRUMENTS AND CONTROLS, REFER TO DWG. NO. 1205-00-HV-DWG-044.
6. THE RADIUS OF ELBOWS THAT IS NOT SPECIFIED BY "DETAIL 1", ARE STANDARD ELBOWS ($R=3/4 \times W$ OR $R=3/4 \times W + T$).
7. FOR DETAIL OF DUCT FABRICATION, INSULATION AND SUPPORT REFER TO 1205-00-HV-SDG-786.
8. FOR EXACT LOCATION OF OPENINGS REFER TO CIVIL DWG.
9. THIS DWG. IS VALID ONLY FOR HVAC PURPOSES.
10. THE SPLIT TYPE AIR-CONDITIONER INTERNAL UNITS WILL BE CONNECTED TO OUTDOOR UNITS BY A BUNDLE OF COPPER TUBES, AND ELECTRICAL CABLES. THIS BUNDLE OF PIPES AND CABLES SHOULD BE PASSED INSIDE THE FALSE CEILING THROUGH OPENINGS TO THE ROOF.
11. ALL SPLIT TYPE AIR CONDITIONERS INTERNAL UNITS SHOULD BE EQUIPPED WITH A $1/2"$ CONDENSATE DRAIN PIPE TO DRAIN THE CONDENSATE WATER TO SUITABLE DRAIN. THIS DRAIN SHOULD BE PASSED INSIDE THE WALL, AND INSTALLED BEFORE COVERING THE WALL.
12. ALL EQUIPMENT POWER CONSUMPTION, DIMENSION AND EXACT CENTER LINE LOCATIONS ARE ESTIMATED VALUES, AND WILL BE FINALIZED AFTER VENDOR DATA.
13. HOLD FOR VENDOR DATA.
14. WITHOUT ADJUSTABLE DAMPER.
15. LABORATORY HOODS SHOULD BE SELECTED FROM AUXILIARY-AIR FUME HOOD TYPES, EQUIPPED WITH AUXILIARY AIR SUPPLY BLOWER, AND AUXILIARY AIR PLENUM TO INDUCE ADEQUATE AIRFLOW TO FACE OPENING OF HOOD.
16. IN GAS CHROMATOGRAPH ROOM, AN EXHAUST DUCT HAS BEEN CONSIDERED IN THE FALSE CEILING, TO CONNECT TO ANY POSSIBLE TO APPARATUS EXHAUST AIR CONNECTIONS. VIA FLEXIBLE ROUND DUCTS AS PER DETAIL 2. EACH FLEXIBLE ROUND DUCT CONNECTORS ARE EQUIPPED WITH A CAP, THAT COULD BE REMOVED WHEN AN APPARATUS NEEDS TO CONNECT THE EXHAUST DUCT, VIA A FLEXIBLE ROUND DUCT, AND THE DUCT RISER WILL CONNECT TO FUME HOOD FANS (AUX. AIR FAN & SUCTION FAN) FROM UPSIDE, AND WILL CONNECT TO FUME HOOD CABINET FROM DOWNSIDE. BOTH CONNECTION DETAILS, AND FAN EXACT CAPACITY SHOULD BE HOLD FOR VENDOR DATA.
17. FOR MORE DETAILED TECHNICAL SPECIFICATION OF EQUIPMENT, PLEASE REFER TO THEIR SPECIFIC ISSUED DATA SHEET.

LEGEND :
ISU INDOOR SPLIT UNIT
OSU OUTDOOR SPLIT UNIT



Ø100 FLEXIBLE ROUND
DUCT CONNECTION
TO MAIN EX.DUCT (NOTE 16)
N.T.S

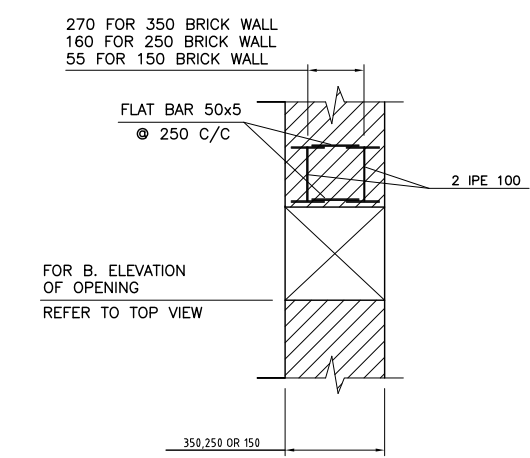


TYPICAL LINTEL DET. FOR OPENING



SEC. A-A

FOR W < 600



SEC. A-A

FOR $W \geq 600$

GROUND FLOOR PLAN(LABORATORY)

SC. 1:50

**APPROVED
FOR CONSTRUCTION**

ED	EXT		AFC		A	
Eng. Phase	Purpose of Distribution (POD)		Purpose of Issue (POI)		Owner's Action	
02	27.12.2021	APPROVED FOR CONSTRUCTION (TOTALLY REVISED)	M.M	A.M	A.M	N.J.
01	20.05.2017	APPROVED FOR CONSTRUCTION	M.M	A.M	A.M	N.J.
00	17.10.2016	ISSUED FOR ENGINEERING	M.M	A.M	A.M	N.J.
REV.	ISSUE DATE	DESCRIPTION	Prepared by	Checked by	Approved by	Project

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DENA METHANOL PLANT

SABALAN PETROCHEMICAL
INDUSTRIES CO.

سرکت صنایع پتروشیمی سبلان

PETROCHEMICAL INDUSTRIES
 DESIGN & ENGINEERING COMPANY
 شرکت طراحی و مهندسی صنایع پتروشیمی

LABORATORY & YARD OFFICE
CT SUPPORTING AND OPENING LOCATION

SCALE : 1:50	OWNER PROJECT NO. : 89/S-G/102	DWG. NO. :	REV.	SIZE :
SHT. : 1 OF 2	PIDEC PROJECT NO. : 1205	1205-00-HV-DWG-043	02	A0

