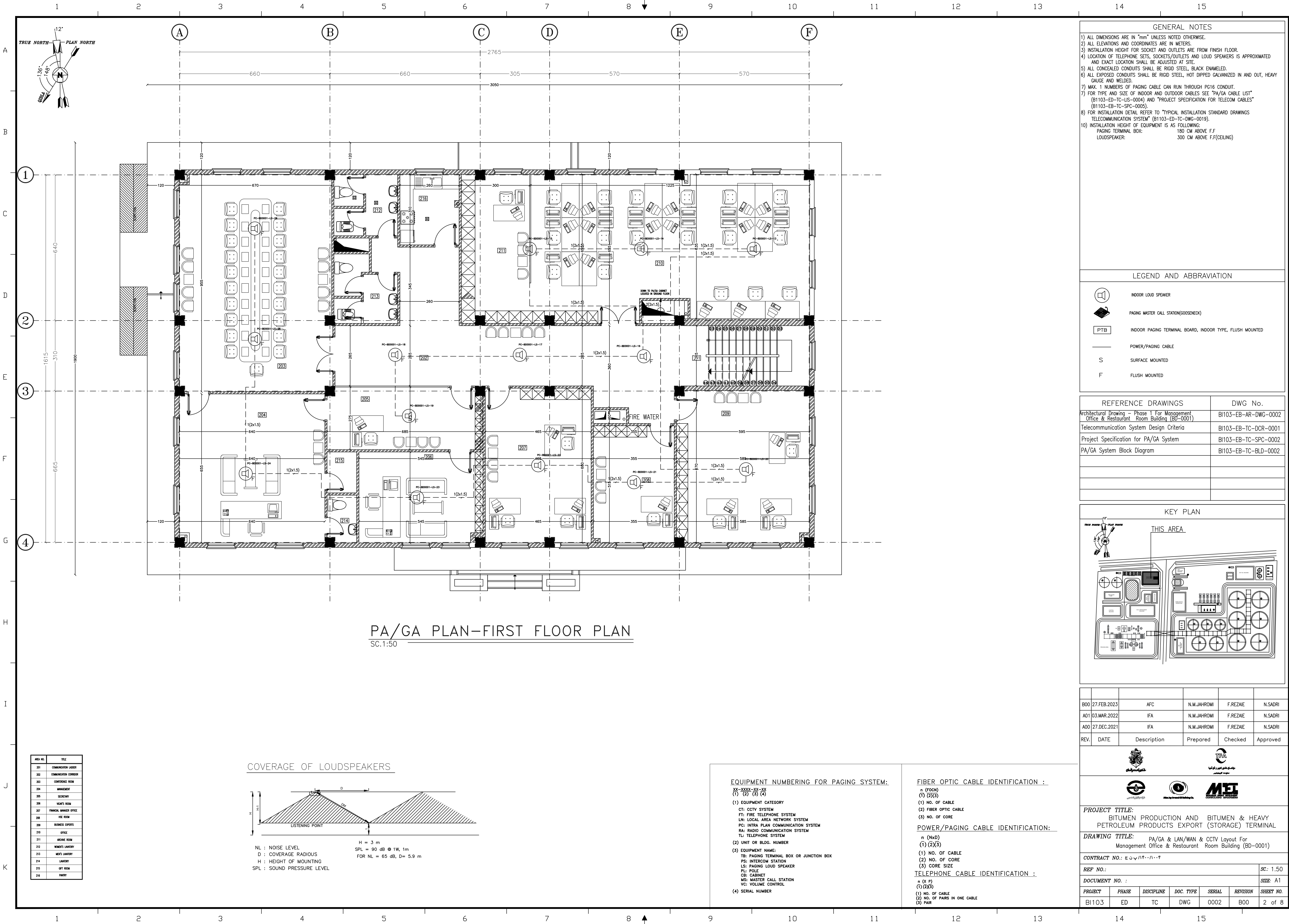
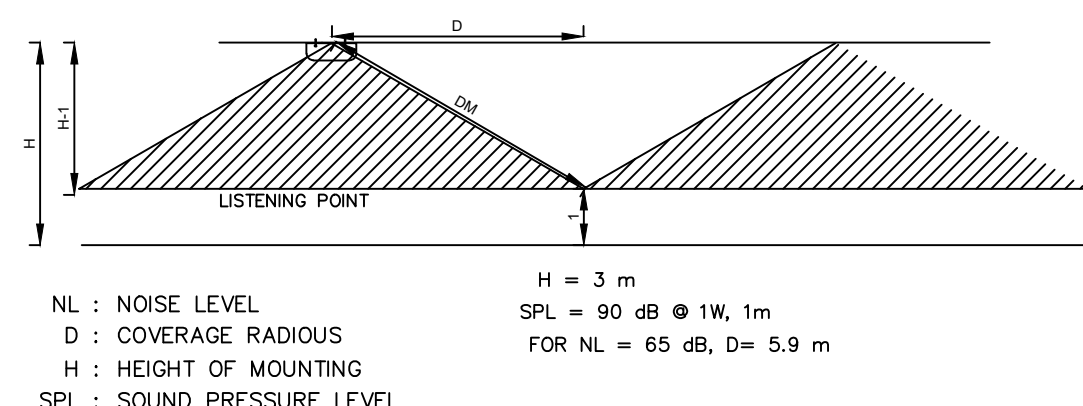




PA/GA PLAN-FIRST FLOOR PLAN
SC.1:50

AREA NO.	TITLE
201	COMMUNICATION LAB
202	COMMUNICATION CORRIDOR
203	CONFERENCE ROOM
204	MANAGEMENT
205	SECRETARY
206	HEAD'S ROOM
207	FINANCIAL MANAGER OFFICE
208	VICE ROOM
209	BUSINESS EXPERTS
210	OFFICE
211	ARCHIVE ROOM
212	WOMEN'S LUNAR
213	WOMEN'S LUNAR
214	LUNAR
215	SPR ROOM
216	PANTRY

COVERAGE OF LOUDSPEAKERS



EQUIPMENT NUMBERING FOR PAGING SYSTEM:

- KEY - XXXXX-XX-XX
(1) (2) (3) (4)
- (1) EQUIPMENT CATEGORY
CT: CCTV SYSTEM
FT: FIRE TELEPHONE SYSTEM
LN: LOCAL AREA NETWORK SYSTEM
PC: INTRA PLAN COMMUNICATION SYSTEM
RA: RADIO COMMUNICATION SYSTEM
TL: TELEPHONE SYSTEM
- (2) UNIT OR BLDG. NUMBER
- (3) EQUIPMENT NAME:
TB: PAGING TERMINAL BOX OR JUNCTION BOX
PS: INTERCOM STATION
LS: PAGING LOUD SPEAKER
PL: POLE
CB: CABINET
MS: MASTER CALL STATION
VC: VOLUME CONTROL
- (4) SERIAL NUMBER

FIBER OPTIC CABLE IDENTIFICATION :

- n (P(X))
(1) (2)(3)
(1) NO. OF CABLE
(2) FIBER OPTIC CABLE
(3) NO. OF CORE
- POWER/PAGING CABLE IDENTIFICATION:
n (NxD)
(1) (2)(3)
(1) NO. OF CABLE
(2) NO. OF CORE
(3) CORE SIZE
- TELEPHONE CABLE IDENTIFICATION :
n (X P)
(1) (2)(3)
(1) NO. OF CABLE
(2) NO. OF PAIRS IN ONE CABLE
(3) PAIR

GENERAL NOTES

- 1) ALL DIMENSIONS ARE IN "mm" UNLESS NOTED OTHERWISE.
- 2) ALL ELEVATIONS AND COORDINATES ARE IN METERS.
- 3) INSTALLATION HEIGHT FOR SOCKET AND OUTLETS ARE FROM FINISH FLOOR.
- 4) LOCATION OF TELEPHONE SETS, SOCKETS/OUTLETS AND LOUD SPEAKERS IS APPROXIMATED AND EXACT LOCATION SHALL BE ADJUSTED AT SITE.
- 5) ALL CONCEALED CONDUITS SHALL BE RIGID STEEL, BLACK ENAMELED.
- 6) ALL EXPOSED CONDUITS SHALL BE RIGID STEEL, HOT DIPPED GALVANIZED IN AND OUT, HEAVY GAUGE AND WELDED.
- 7) MAX. 1 NUMBERS OF PAGING CABLE CAN RUN THROUGH PG16 CONDUIT.
- 7) FOR TYPE AND SIZE OF INDOOR AND OUTDOOR CABLES SEE "PA/GA CABLE LIST".
(B1103-ED-TC-LS-0004) AND "PROJECT SPECIFICATION FOR TELECOM CABLES"
(B1103-EB-TC-SPC-0005).
- 8) FOR INSTALLATION DETAIL REFER TO "TYPICAL INSTALLATION STANDARD DRAWINGS TELECOMMUNICATION SYSTEM" (B1103-ED-TC-DWG-0019).
- 10) INSTALLATION HEIGHT OF EQUIPMENT IS AS FOLLOWING:
PAGING TERMINAL BOX: 180 CM ABOVE F.F
LOUDSPEAKER: 300 CM ABOVE F.F(CEILING)

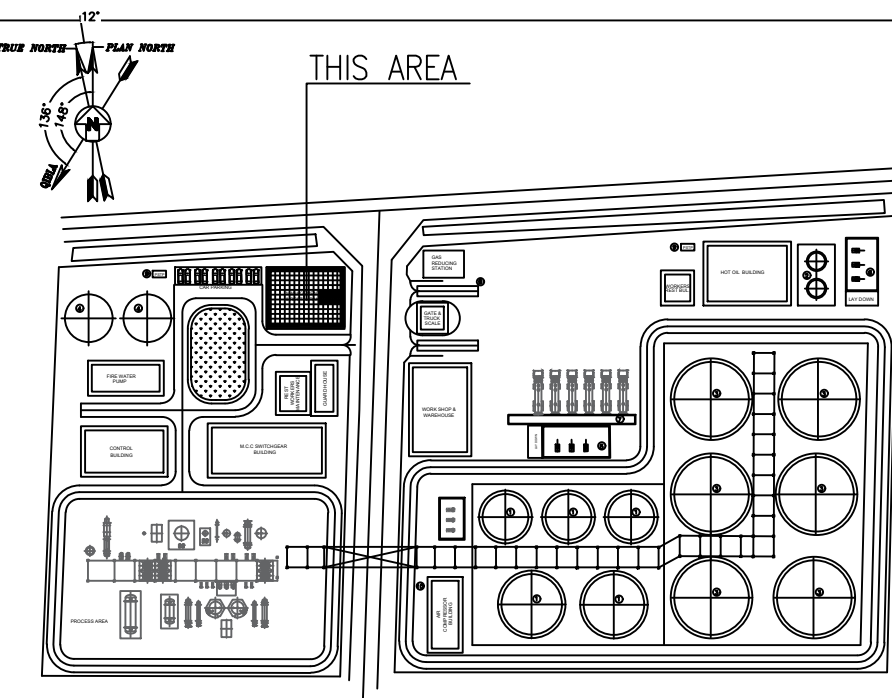
LEGEND AND ABBRAVIATION

- INDOOR LOUD SPEAKER
- PAGING MASTER CALL STATION(GOOSNECK)
- PTB
- INDOOR PAGING TERMINAL BOARD, INDOOR TYPE, FLUSH MOUNTED
- POWER/PAGING CABLE
- S
- SURFACE MOUNTED
- F
- FLUSH MOUNTED

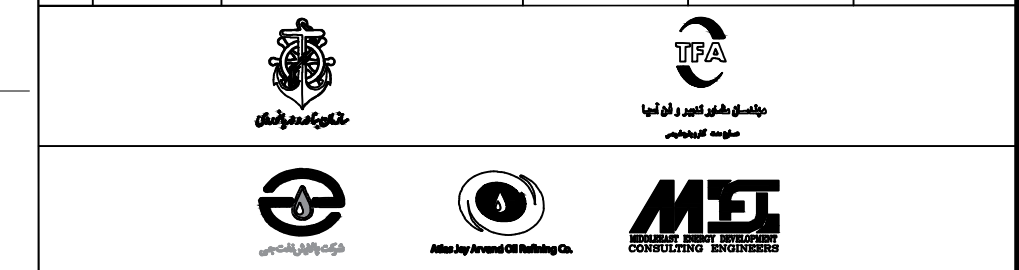
REFERENCE DRAWINGS

REFERENCE DRAWINGS	DWG No.
Architectural Drawing - Phase I For Management Office & Restaurant Room Building (BD-0001)	BI103-EB-AR-DWG-0002
Telecommunication System Design Criteria	BI103-EB-TC-DCR-0001
Project Specification for PA/GA System	BI103-EB-TC-SPC-0002
PA/GA System Block Diagram	BI103-EB-TC-BLD-0002

KEY PLAN



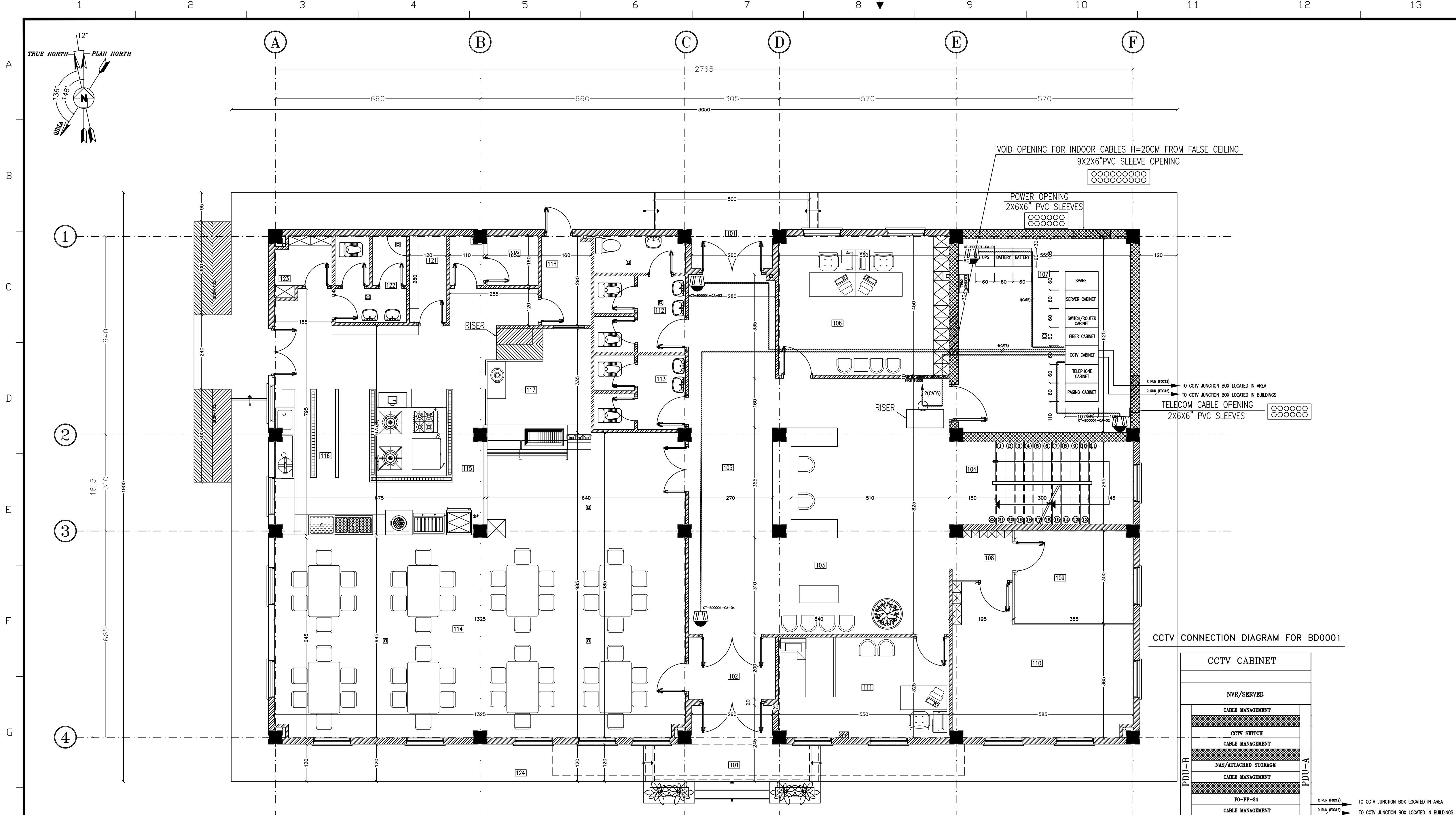
REV.	DATE	Description	Prepared	Checked	Approved
B00	27.FEB.2023	AFC	N.M.JAHROMI	F.REZAEI	N.SADRI
A01	03.MAR.2022	IFA	N.M.JAHROMI	F.REZAEI	N.SADRI
A00	27.DEC.2021	IFA	N.M.JAHROMI	F.REZAEI	N.SADRI



PROJECT TITLE:
BITUMEN PRODUCTION AND BITUMEN & HEAVY PETROLEUM PRODUCTS EXPORT (STORAGE) TERMINAL

DRAWING TITLE: PA/GA & LAN/WAN & CCTV Layout For Management Office & Restaurant Room Building (BD-0001)

CONTRACT NO.: ۰۰۰۰/۰۰۰۰/۰۰۰۰						SC: 1:50
REF NO.:						SIZE: A1
DOCUMENT NO. :						
PROJECT	PHASE	DISCIPLINE	DOC. TYPE	SERIAL	REVISION	SHEET NO.
BI103	ED	TC	DWG	0002	B00	2 of 8



CCTV PLAN-GROUND FLOOR PLAN
SC.1:50

AREA NO.	TITLE
101	ENTRY
102	AIR LOCK
103	LOBBY
104	COMMUNICATION LADDER
105	COMMUNICATION CORRIDOR
106	MONITORING AND SECURITY ROOM
107	SERVER ROOM
108	SPACE HEATING
109	WOMEN'S PRAYER HALL
110	WOMEN'S PRAYER HALL
111	DOCTOR AND HEALTH ROOM
112	WOMEN'S LAUNDRY
113	WOMEN'S LAUNDRY
114	DINING ROOM
115	COOKING
116	DISHWASHING
117	STORAGE
118	STORAGE
119	DOWN TANK ZERO STORE
120	UPPER TANK ZERO STORE
121	DRY FOOD WAREHOUSE
122	LAUNDRY
123	LOCKER ROOM
124	WILLY

EQUIPMENT NUMBERING FOR CCTV SYSTEM :

XX-XXXX-XX-XX
(1) (2) (3) (4)

(1) EQUIPMENT CATEGORY
CT: CCTV SYSTEM
FT: FIRE TELEPHONE SYSTEM
LN: LOCAL AREA NETWORK SYSTEM
PC: INTRA PLAN COMMUNICATION SYSTEM
RA: RADIO COMMUNICATION SYSTEM
TL: TELEPHONE SYSTEM

(2) UNIT OR BLDG. NUMBER

(3) EQUIPMENT NAME:
TB: CCTV JUNCTION BOX
CA: CAMERA
PL: POLE
CB: CABINET
MN: MONITOR

(4) SERIAL NUMBER

FIBER OPTIC CABLE IDENTIFICATION :

n (FOCN)
(1) (2)(3)
(1) NO. OF CABLE
(2) FIBER OPTIC CABLE
(3) NO. OF CORE

POWER/PAGING CABLE IDENTIFICATION:

n (NxD)
(1) (2)(3)
(1) NO. OF CABLE
(2) NO. OF CORE
(3) CORE SIZE

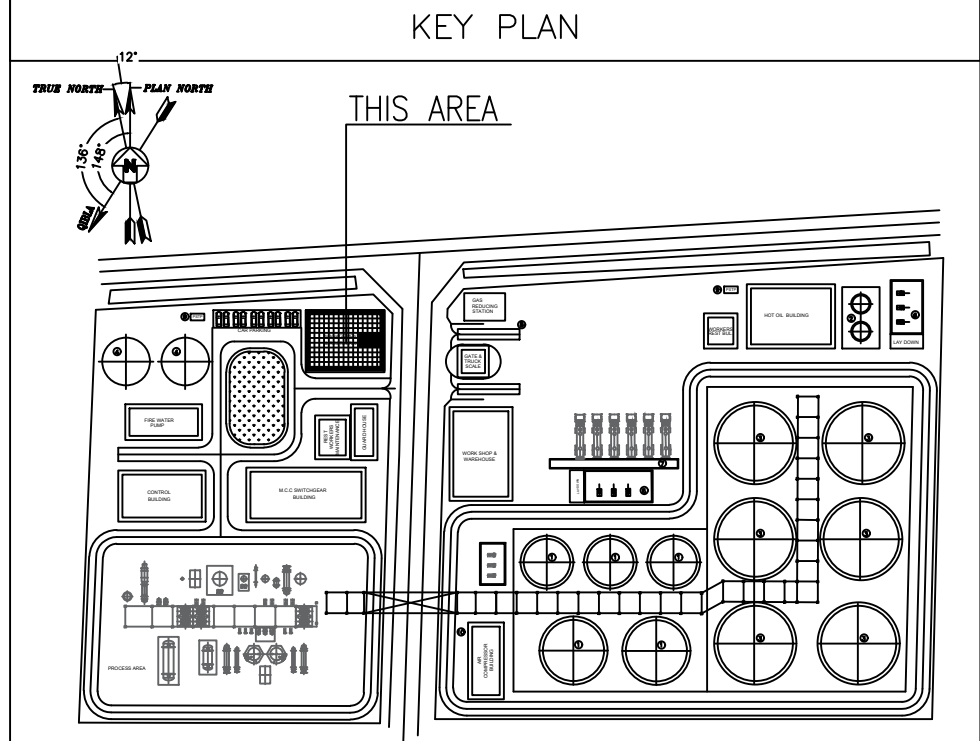
TELEPHONE CABLE IDENTIFICATION :

n (x y)
(1) (2)(3)
(1) NO. OF CABLE
(2) NO. OF PAIRS IN ONE CABLE
(3) PAIR

- GENERAL NOTES
- 1) ALL DIMENSIONS ARE IN "mm" UNLESS NOTED OTHERWISE.
 - 2) ALL ELEVATIONS AND COORDINATES ARE IN METERS.
 - 3) INSTALLATION HEIGHT FOR SOCKET AND OUTLETS ARE FROM FINISH FLOOR.
 - 4) LOCATION OF TELEPHONE SETS, SOCKETS/OUTLETS AND LOUD SPEAKERS IS APPROXIMATED AND EXACT LOCATION SHALL BE ADJUSTED AT SITE.
 - 5) ALL CONCEALED CONDUITS SHALL BE RIGID STEEL, BLACK ENAMELED.
 - 6) MAX. 2 NUMBERS OF CAT6 CABLE CAN RUN THROUGH PG16 CONDUIT.
 - 7) ALL EXPOSED CONDUITS SHALL BE RIGID STEEL, HOT DIPPED GALVANIZED IN AND OUT, HEAVY GAUGE AND WELDED.
 - 8) FOR TYPE AND SIZE OF INDOOR AND OUTDOOR CABLES SEE "CCTV CABLE LIST" (B1103-ED-TC-US-0002) AND "PROJECT SPECIFICATION FOR TELECOM CABLES" (B1103-EB-TC-SPC-0005).
 - 9) FOR INSTALLATION DETAIL REFER TO "TYPICAL INSTALLATION STANDARD DRAWINGS TELECOMMUNICATION SYSTEM" (B1103-ED-TC-DWG-0019).
 - 10) INSTALLATION HEIGHT OF EQUIPMENT IS AS FOLLOWING:
CCTV JUNCTION BOX: 180 CM ABOVE F.F.
CCTV CAMERA: 320 CM ABOVE F.F.
 - 11) ALL CAMERAS SHALL BE POE SUPPORT.

- LEGEND AND ABBRAVIATION
- INDOOR DOME FIXED CAMERA, IP-BASED
 - CCTV JUNCTION BOX
(1): TYPE 1: INCLUDING INDUSTRIAL SWITCH, POWER DISTRIBUTION, SURGE ARRESTER FOR CAT6 AND POWER CABLES
(2): TYPE 2: INCLUDING MEDIA CONVERTOR, POWER DISTRIBUTION, SURGE ARRESTER FOR CAT6 AND POWER CABLES
(3): TYPE 3: INCLUDING POWER DISTRIBUTION, SURGE ARRESTER FOR CAT6 AND POWER CABLES
 - FIBER OPTIC CABLE(FOC)
 - UTP/FTP/SFTP, CAT6 CABLE
 - POWER/PAGING CABLE
 - MULTI-PAIR, TELEPHONE CABLE
 - S SURFACE MOUNTED
 - F FLUSH MOUNTED

REFERENCE DRAWINGS	DWG No.
Architectural Drawing - Phase 1 For Management Office & Restaurant Room Building (BD-0001)	BI103-EB-AR-DWG-0002
Telecommunication System Design Criteria	BI103-EB-TC-DCR-0001
Project Specification for CCTV System	BI103-EB-TC-SPC-0003
CCTV System Block Diagram	BI103-EB-TC-BLD-0004



REV.	DATE	Description	Prepared	Checked	Approved
B00	27.FEB.2023	AFC	N.M.JAHROMI	F.REZAEI	N.SADRI
A01	03.MAR.2022	IFA	N.M.JAHROMI	F.REZAEI	N.SADRI
A00	27.DEC.2021	IFA	N.M.JAHROMI	F.REZAEI	N.SADRI

PROJECT TITLE:
BITUMEN PRODUCTION AND BITUMEN & HEAVY PETROLEUM PRODUCTS EXPORT (STORAGE) TERMINAL

DRAWING TITLE: PA/GA & LAN/WAN & CCTV Layout For Management Office & Restaurant Room Building (BD-0001)

CONTRACT NO.: ۰۰۰۰/۰۰۰۰/۰۰۰۰

REF NO.: SC: 1:50

DOCUMENT NO.: SIZE: A1

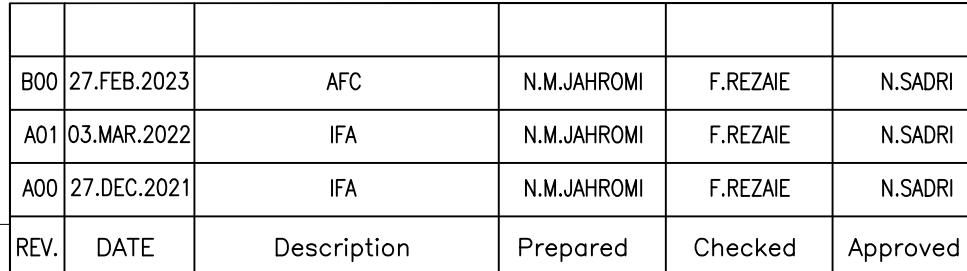
PROJECT	PHASE	DISCIPLINE	DOC. TYPE	SERIAL	REVISION	SHEET NO.
BI103	ED	TC	DWG	0002	B00	5 of 8



GENERAL NOTES

- 1) ALL DIMENSIONS ARE IN "MM" UNLESS NOTED OTHERWISE.
- 2) ALL ELEVATIONS AND COORDINATES ARE IN METERS.
- 3) INSTALLATION HEIGHT FOR SOCKET AND OUTLETS ARE FROM FINISH FLOOR.
- 4) LOCATION OF TELEPHONE STES, SOCKETS/OUTLETS AND LOUD SPEAKERS IS APPROXIMATED
AND EXACT LOCATION SHALL BE ADJUSTED AT SITE.
- 5) ALL CONCEALED CONDUITS SHALL BE RIGID STEEL GALV ENAMELED.
- 6) MAX. 2 NUMBERS OF CAT6 CABLE CAN RUN THROUGH PG16 CONDUIT.
- 7) ALL EXPOSED CONDUITS SHALL BE RIGID STEEL, HOT DIPPED GALVANIZED IN AND OUT, HEAVY GAUGE AND WELDED.
- 8) FOR TYPE AND SIZE OF INDOOR AND OUTDOOR CABLES SEE "CCTV CABLE LIST"
(81103-ED-TC-LIS-0002) AND "PROJECT SPECIFICATION FOR TELECOM CABLES"
(81103-EB-TC-SPC-0005).
- 9) FOR INSTALLATION DETAIL REFER TO "TYPICAL INSTALLATION STANDARD DRAWINGS
TELECOMMUNICATION SYSTEM" (81103-ED-TC-SWC-0119).
- 10) INSTALLATION HEIGHT OF EQUIPMENT IS AS FOLLOWING:
CCTV JUNCTION BOX: 180 CM ABOVE F.F.
CCTV CAMERA: 320 CM ABOVE F.F
- 11) ALL CAMERAS SHALL BE POE SUPPORT.

REFERENCE DRAWINGS	DWG No.
Architectural Drawing – Phase 1 for Management Office & Restaurant Room Building (80-0001)	BI103-EB-AR-DWG-0002
Telecommunication System Design Criteria	BI103-EB-TC-DCR-0001
Project Specification for CCTV System	BI103-EB-TC-SPC-0003
CCTV System Block Diagram	BI103-EB-TC-BLD-0004



FIBER OPTIC CABLE IDENTIFICATION :

n (FOCN)
(1) (2/3)

(1) NO. OF CABLE
(2) FIBER OPTIC CABLE
(3) NO. OF CORE

POWER/PAGING CABLE IDENTIFICATION:

n (NxD)
(1) (2/3)

(1) NO. OF CABLE
(2) NO. OF CORE
(3) CORE SIZE

TELEPHONE CABLE IDENTIFICATION :

n (X P)
(1) (2/3)

(1) NO. OF CABLE
(2) NO. OF PAIRS IN ONE CABLE
(3) PAIR

PROJECT TITLE:							
BITUMEN PRODUCTION AND PETROLEUM PRODUCTS EXPORT				BITUMEN & HEAVY (STORAGE) TERMINAL			
DRAWING TITLE:							
PA/GA & LAN/WAN		CCTV Layout For		Room Building (BD-0001)			
CONTRACT NO.: ٤٠٧/١٣٠٠/١-٢							
REF NO.:							SC: 1.50
DOCUMENT NO. :							
PROJECT	PHASE	DISCIPLINE	DOC. TYPE	SERIAL	REVISION	SHEET NO.	
BI103	ED	TC	DWG	0002	B00	6 of 8	



AREA NO.	TITLE
101	ENTRY
102	AIR LOCK
103	LOBBY
104	COMMUNICATION LINDER
105	COMMUNICATION CORRIDOR
106	WORKING AND SECURITY ROOM A & F
107	SERVER ROOM
108	SHOWER, DRESSING & BATHS
109	WOMEN'S PRAYER HALL
110	MEN'S PRAYER HALL
111	DOCTOR AND HEALTH ROOM
112	WOMEN'S LAVATORY
113	MEN'S LAVATORY
114	DINING ROOM
115	COOKING
116	DEWASHING
117	SERVING
118	DRINKS AND COUNTERS
119	ORANGE
120	DOWN THRU ZERO STORE
121	UPPER THRU ZERO STORE
122	DRY FOOD WAREHOUSE
123	LAVATORY
124	LOCKER ROOM
125	WALKWAY

[illegible]

GENERAL NOTES	
1)	ALL DIMENSIONS ARE IN "mm" UNLESS NOTED OTHERWISE.
2)	ALL ELEVATIONS AND COORDINATES ARE IN METERS.
3)	TRAY WILL BE INSTALLED ABOVE SUSPEND CEILING, EVERY 1.5 METER SHALL BE CONNECTED TO THE CEILING WITH SUPPORT.
4)	TELECOM CABLES WILL BE PASSED FROM BOTTOM OF RACK TO TRAY UNDER THE FALSE FLOOR AT THIS POINT.
5)	TELECOM CABLES WILL BE PASSED THROUGH VERTICAL TRAY FROM UNDER THE FALSE FLOOR TO THE SUSPEND CEILING AT THIS POINT.

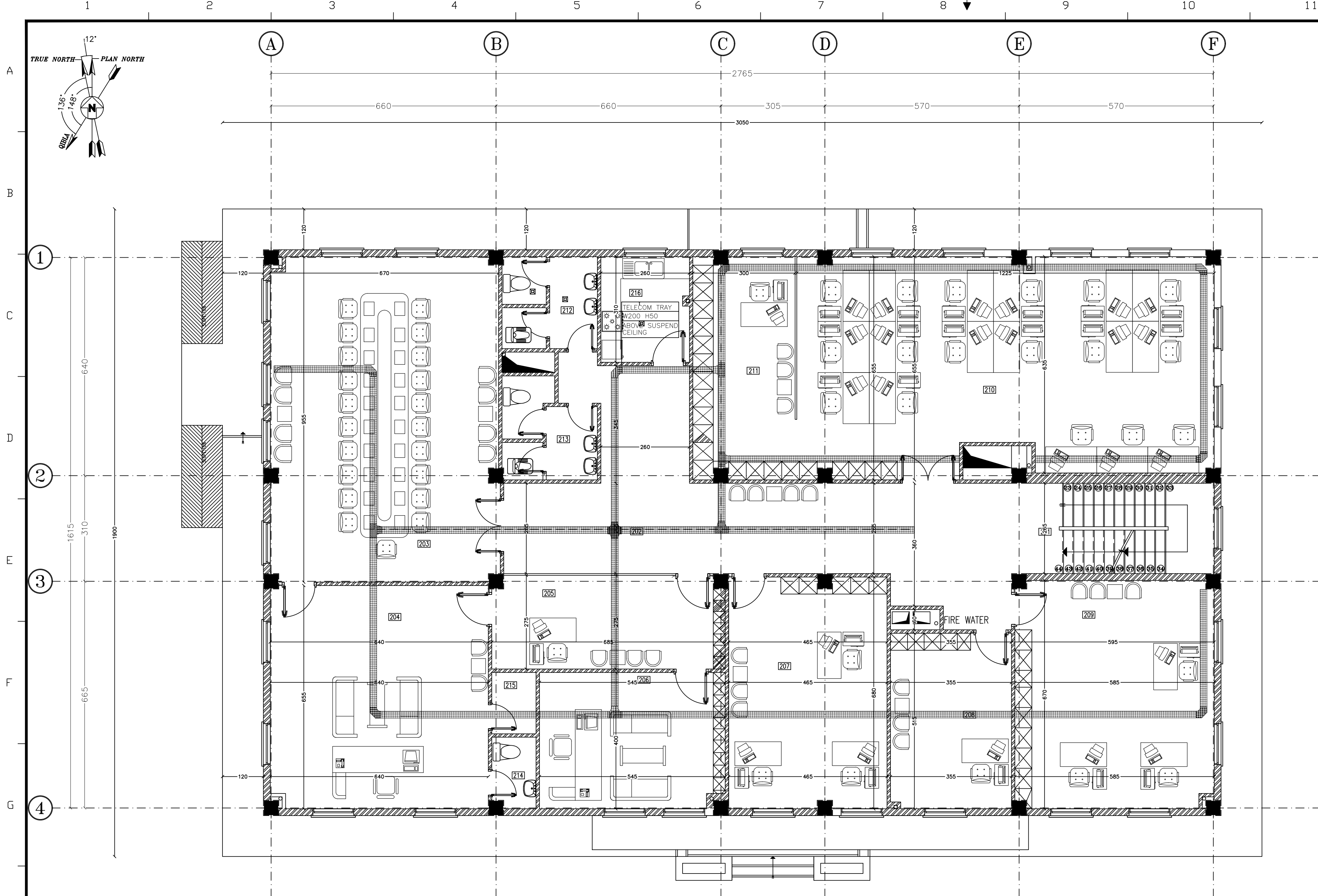
LEGEND AND ABBRAVIATION

REFERENCE DRAWINGS	DWG No.
Architectural Drawing – Phase 1 For Management Office & Restaurant Room Building (BD-0001)	BI103-EB-AR-DWG-0002
Telecommunication System Design Criteria	BI103-EB-TC-DCR-0001

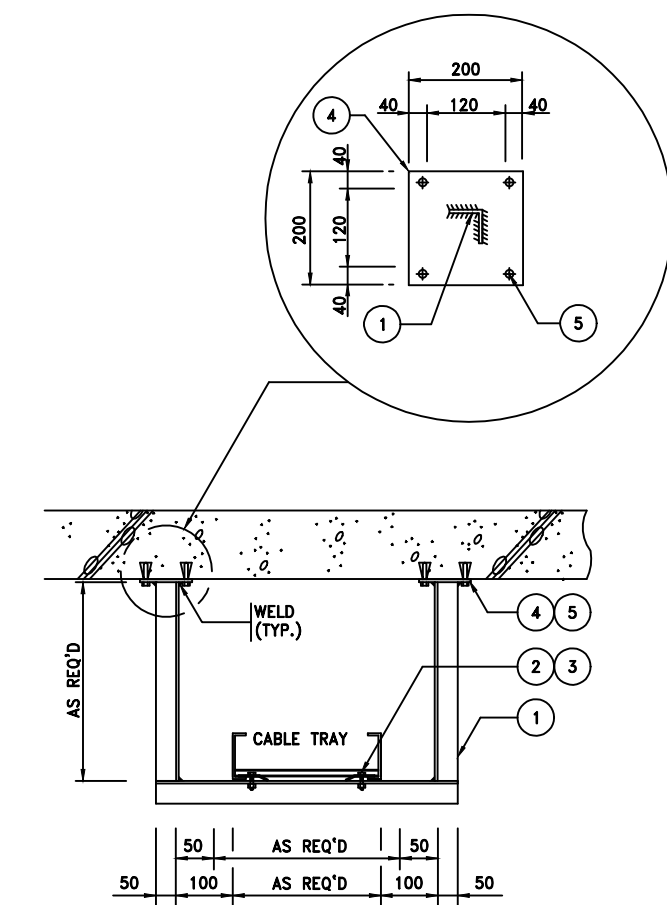
KEY PLAN

BO0	27.FEB.2023	AFC	N.M.JAHROMI	F.REZAEI	N.SADRI
A01	03.MAR.2022	IFA	N.M.JAHROMI	F.REZAEI	N.SADRI
AD0	27.DEC.2021	IFA	N.M.JAHROMI	F.REZAEI	N.SADRI
REV.	DATE	Description	Prepared	Checked	Approved

PROJECT TITLE: BITUMEN PRODUCTION AND BITUMEN & HEAVY PETROLEUM PRODUCTS EXPORT (STORAGE) TERMINAL							
DRAWING TITLE: PA/GA & LAN/WAN & CCTV Layout For Management Office & Restaurant Room Building (BD-0001)							
CONTRACT NO.: 00000000000000000000							
REF NO.:							SC: 1.50
DOCUMENT NO. :							SIZE: A1
PROJECT	PHASE	DISCIPLINE	DOC. TYPE	SERIAL	REVISION	SHEET NO.	
BI103	ED	TC	DWG	0002	B00	7 of 8	



TELECOM TRAY PLAN-FIRST FLOOR PLAN
SC.1:50



CABLE TRAY SUPPORT FOR INDOOR TYPE

- GENERAL NOTES
- 1) ALL DIMENSIONS ARE IN "mm" UNLESS NOTED OTHERWISE.
 - 2) ALL ELEVATIONS AND COORDINATES ARE IN METERS.
 - 3) TRAY WILL BE INSTALLED ABOVE SUSPEND CEILING, EVERY 1.5 METER SHALL BE CONNECTED TO THE CEILING WITH SUPPORT.
 - 4) TELECOM CABLES WILL BE PASSED FROM BOTTOM OF RACK TO TRAY UNDER THE FALSE FLOOR AT THIS POINT.
 - 5) TELECOM CABLES WILL BE PASSED THROUGH VERTICAL TRAY FROM UNDER THE FALSE FLOOR TO THE SUSPEND CEILING AT THIS POINT.

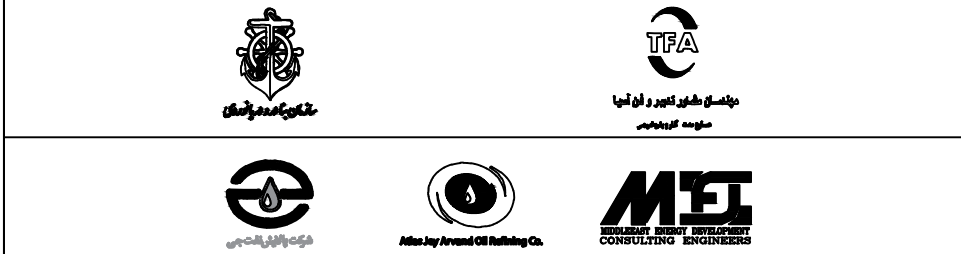
LEGEND AND ABBRAVIATION

TELECOM TRAY

REFERENCE DRAWINGS	DWG No.
Architectural Drawing - Phase 1 For Management Office & Restaurant Room Building (BD-0001)	BI103-EB-AR-DWG-0002
Telecommunication System Design Criteria	BI103-EB-TC-DCR-0001

KEY PLAN

REV.	DATE	Description	Prepared	Checked	Approved
B00	27.FEB.2023	AFC	N.M.JAHROMI	F.REZAEI	N.SADRI
A01	03.MAR.2022	IFA	N.M.JAHROMI	F.REZAEI	N.SADRI
A00	27.DEC.2021	IFA	N.M.JAHROMI	F.REZAEI	N.SADRI



PROJECT TITLE:
BITUMEN PRODUCTION AND BITUMEN & HEAVY PETROLEUM PRODUCTS EXPORT (STORAGE) TERMINAL

DRAWING TITLE: PA/GA & LAN/WAN & CCTV Layout For Management Office & Restaurant Room Building (BD-0001)

CONTRACT NO.: ۳۰۰۰/۱۴۰۰/۱۰۰۰

REF NO.: SC.: 1:50

DOCUMENT NO.: SIZE: A1

PROJECT	PHASE	DISCIPLINE	DOC. TYPE	SERIAL	REVISION	SHEET NO.
BI103	ED	TC	DWG	0002	B00	8 of 8