


LCP COMPRESSOR

Enclosure Specification	
Tag number	LCP-2101X (Note 1)
Marking acc to 94/9/EC directive	 II 2 G D
Marking acc. to IEC	Ex d IIB+H2 T4
Ingress Protection to IEC 60529	IP66
Permissible Ambient Temperature	5 °C TO 55° C
Material	Copper Free Aluminium
Colour Of Enclosure	RAL 7035
Thickness	20mm±5mm

Wire number procedure: Xn-m
n: Strip number m: Terminal number
Ex: X1-01

Legend :

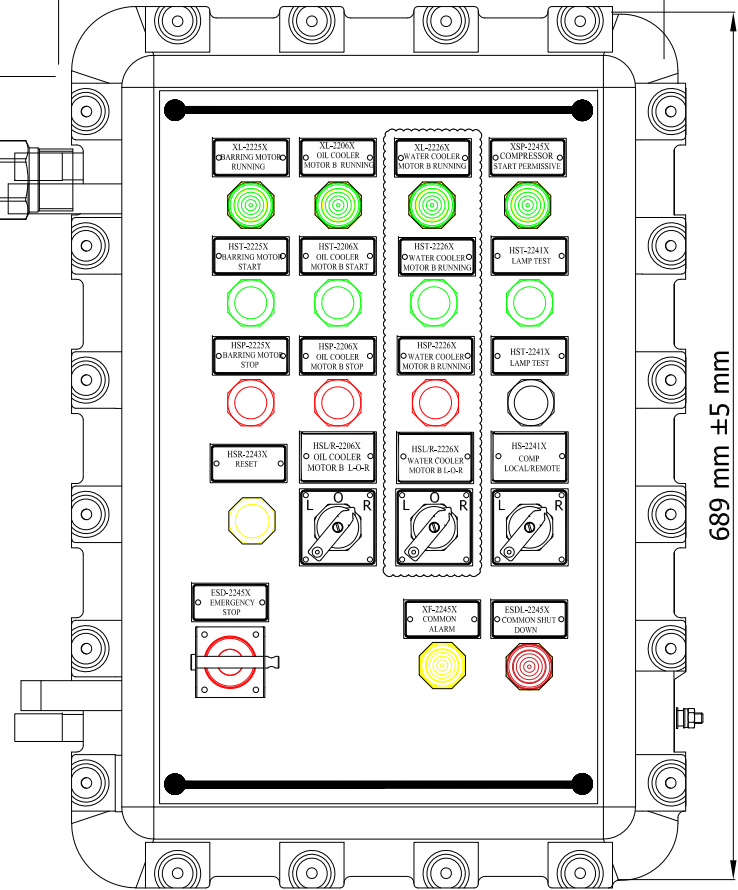
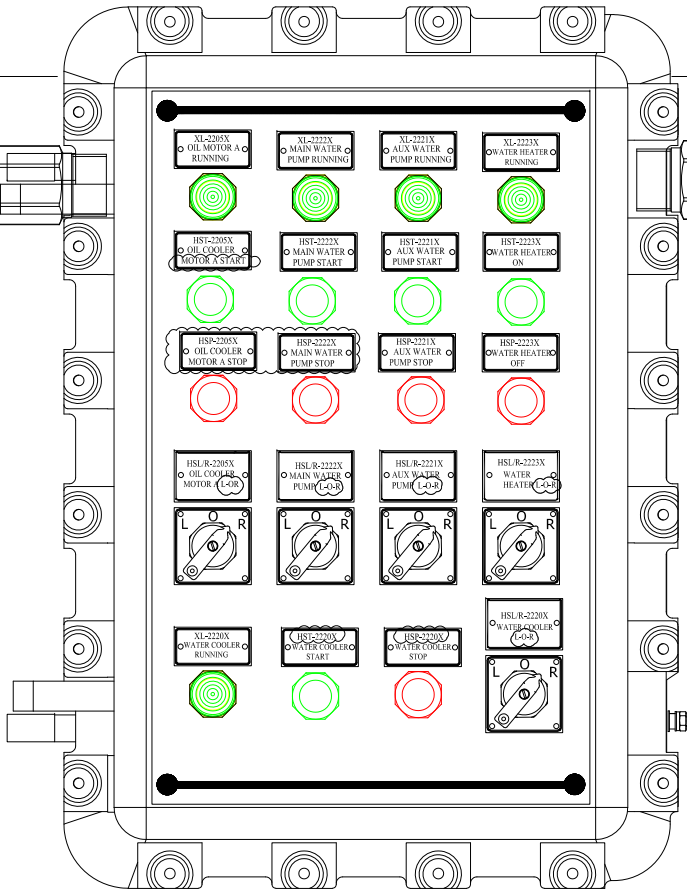
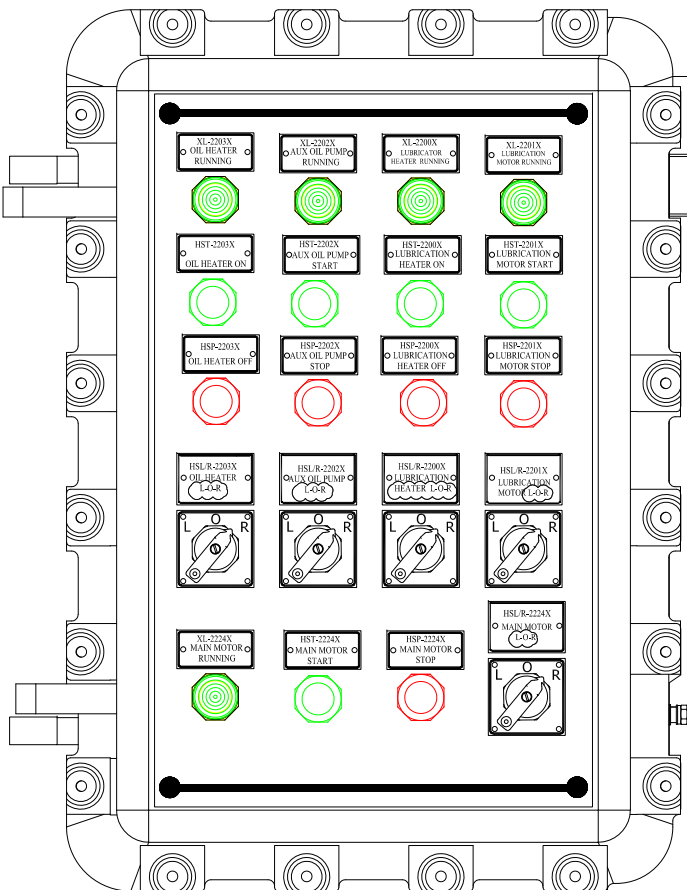
V04

[illegible]

BOX A

BOX B

BOX C



REFERENCE DRAWINGS
BKGCS-HY-120-PR-P-0001
P&I DIAGRAM
BKGCS-HY-120-IN-L-0003
INSTRUMENT CABLE LIST

DWG. NUMBER

Note1 :

X:A COMPRESSOR A
X:B COMPRESSOR B
X:C COMPRESSOR C
X:C COMPRESSOR C

Legend :

Signal Lamp Green

Signal Lamp Red

Push Button Start Green

Push Button Stop Red

Emergency Push Button Stop Red

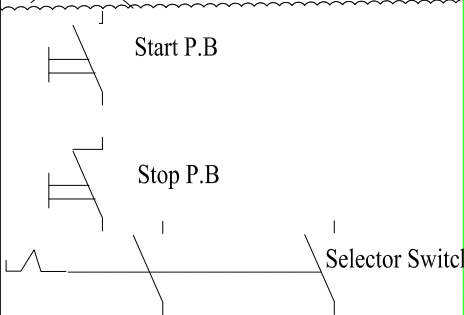
Selector Switch L-0-R With Rotary Switch

Ammeter

Gland

Plug

Signal Lamp



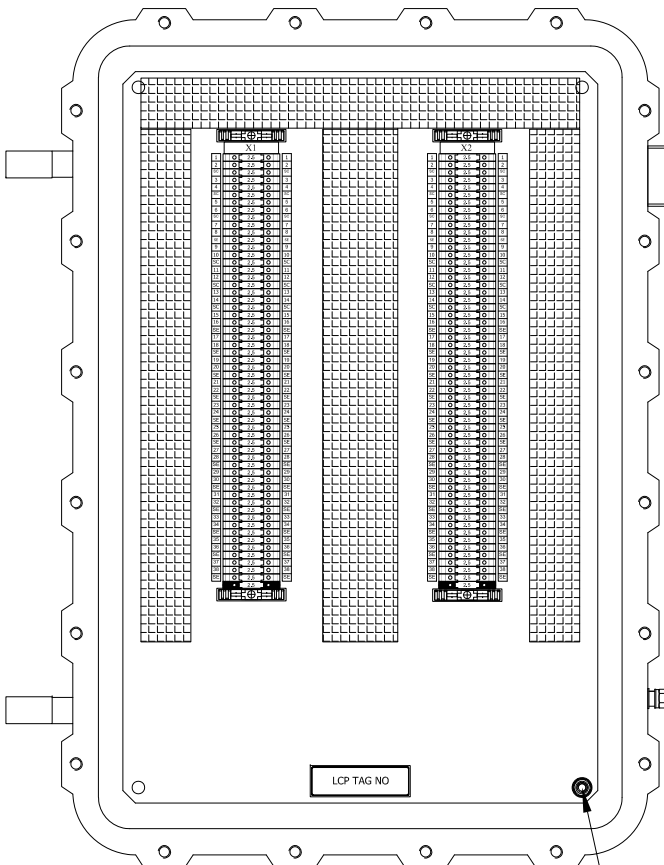
REV.	DATE	P.O.I.	PREP.	CHK.	APP.	AUT.	REV.	DESCRIPTION	BY	DATE	CHECKED
V04	NOV.2024	AFC	HAVAYAR CO	M.FAKHARIAN	M.SADEGHIAN						
V03	SEP.2024	AFC	HAVAYAR CO	M.FAKHARIAN	M.SADEGHIAN						
V02	JUNE.2024	IFR	HAVAYAR CO	M.FAKHARIAN	M.SADEGHIAN						
V01	OCT.2023	IFR	HAVAYAR CO	M.FAKHARIAN	S.FARAMARZPOUR						
V00	SEP.2023	IFR	HAVAYAR CO	M.FAKHARIAN	A.M.MOHSENI						
PROJECT NAME:							THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS				
PROJECT NO.:							NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED				
EPC CONTRACTOR:							EPC/EPD CONTRACTOR:				
HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES							PETROIRAN DEVELOPMENT COMPANY				
DRAWING TITLE:							APPROVED FOR CONSTRUCTION				
LCP AND GAUGE BOARD LAYOUT							BY:				
SCALE	SIZE	DRAWING NO.			SHEET NO.	REV.	BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.
N.T.S.C.	A3	BK-GCS-HY-120-IN-PY-0001			03 OF 15	V04					



BOX A

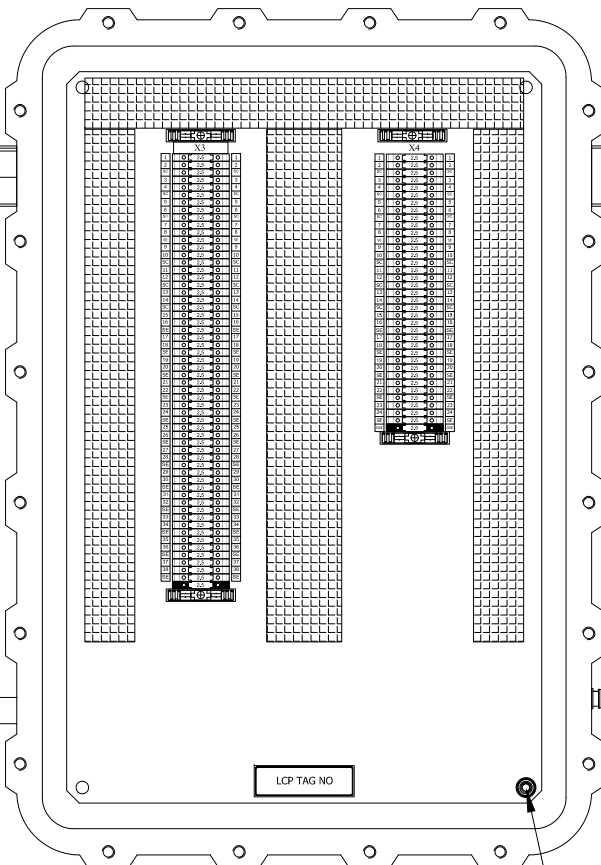
BOX B

BOX C



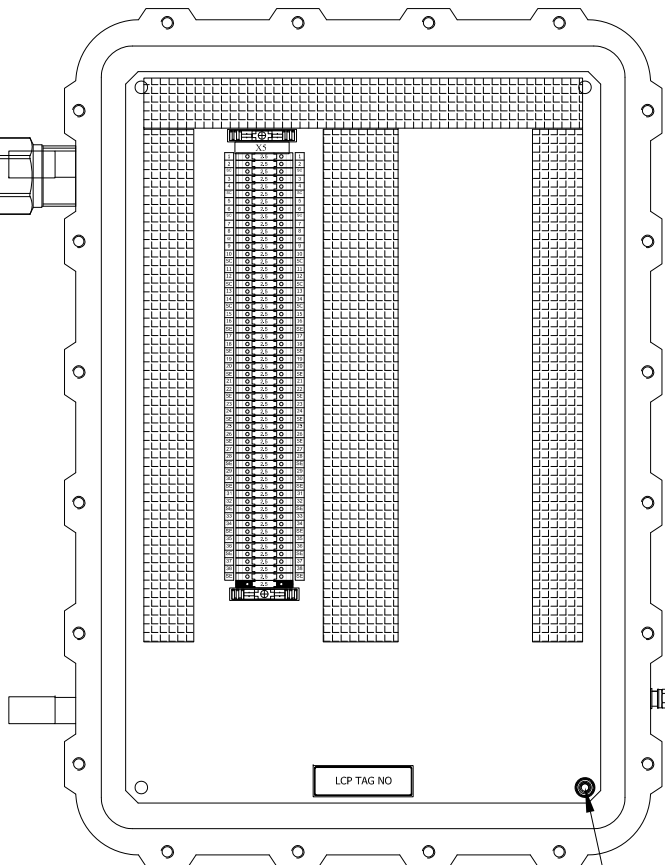
Inside View

Internal Earth Lug M8



Inside View

Internal Earth Lug M8



Inside View

Internal Earth Lug M8

REFERENCE DRAWINGS	DWG. NUMBER
BK-GCS-HY-120-PI-P-0001 P&I DIAGRAM	
BK-GCS-HY-120-IN-L-0003 INSTRUMENT CABLE LIST	

Note 1 :
X:A COMPRESSOR A
X:B COMPRESSOR B
X:C COMPRESSOR C
X:C COMPRESSOR C

Legend :

- Signal Lamp Green
- Signal Lamp Red
- Push Button Start Green
- Push Button Stop Red
- Emergency Push Button Stop Red
- Selector Switch L-0-R With Rotary Switch
- Ammeter
- Gland
- Plug
- Signal Lamp

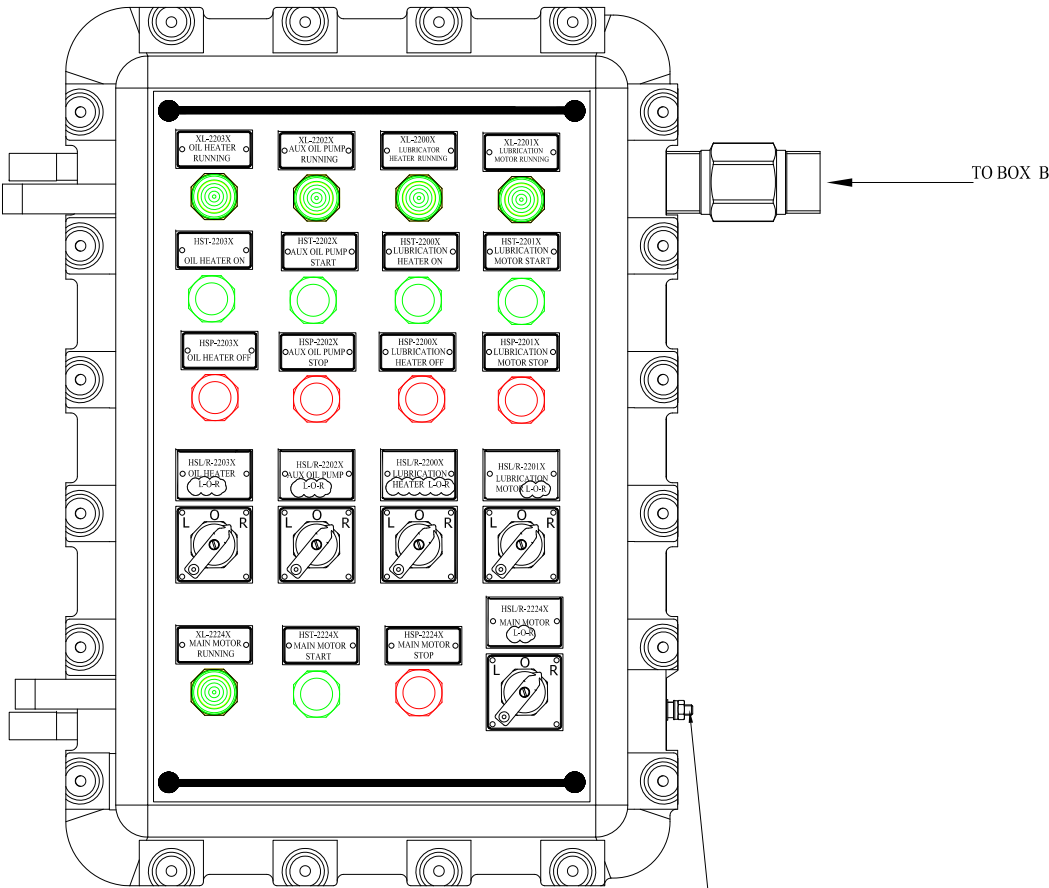
Start P.B

Stop P.B

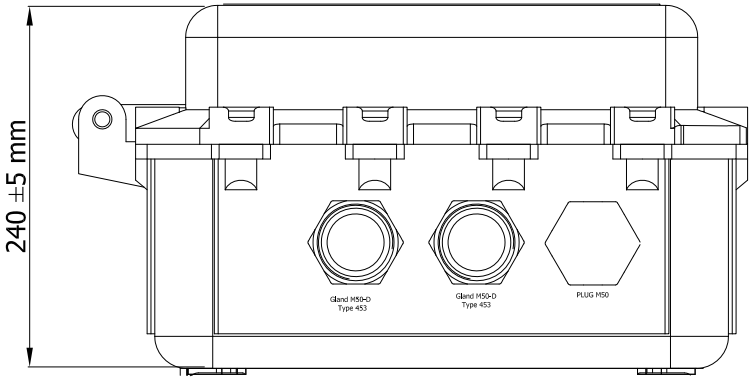
Selector Switch

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

BOX A



Front View

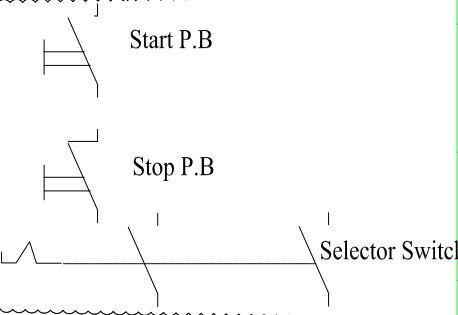


REFERENCE DRAWINGS		DWG. NUMBER
BK-GCS-HY-120-PB-PY-0001	P&I DIAGRAM	
BK-GCS-HY-120-IN-L-0003	INSTRUMENT CABLE LIST	

Note1 :
X:A COMPRESSOR A
X:B COMPRESSOR B
X:C COMPRESSOR C
X:C COMPRESSOR C

Legend :

- Signal Lamp Green
- Signal Lamp Red
- Push Button Start Green
- Push Button Stop Red
- Emergency Push Button Stop Red
- Selector Switch L-0-R With Rotary Switch
- Ammeter
- Gland
- Plug
- LED Signal Lamp



REV	DATE	P.O.I.	PREP.	CHK.	APP.	AUT.	REV.	DESCRIPTION	BY	DATE
V04	NOV.2024	AFC	HAVAYAR CO	M.FAKHARIAN	M.SADEGHIAN					
V03	SEP.2024	AFC	HAVAYAR CO	M.FAKHARIAN	M.SADEGHIAN					
V02	JUNE.2024	IFR	HAVAYAR CO	M.FAKHARIAN	M.SADEGHIAN					
V01	OCT.2023	IFR	HAVAYAR CO	M.FAKHARIAN	S.FARAMARZPOUR					
V00	SEP.2023	IFR	HAVAYAR CO	M.FAKHARIAN	A.M.MOHSENI					

PROJECT NAME: BINAK OILFIELD DEVELOPMENT SURFACE WORK PACKAGES

PROJECT NO.: ---

EPC CONTRACTOR: HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES	EPC/EPD CONTRACTOR: PETROIRAN DEVELOPMENT COMPANY
----------------------------------------------------------------------	----------------------------------------------------------

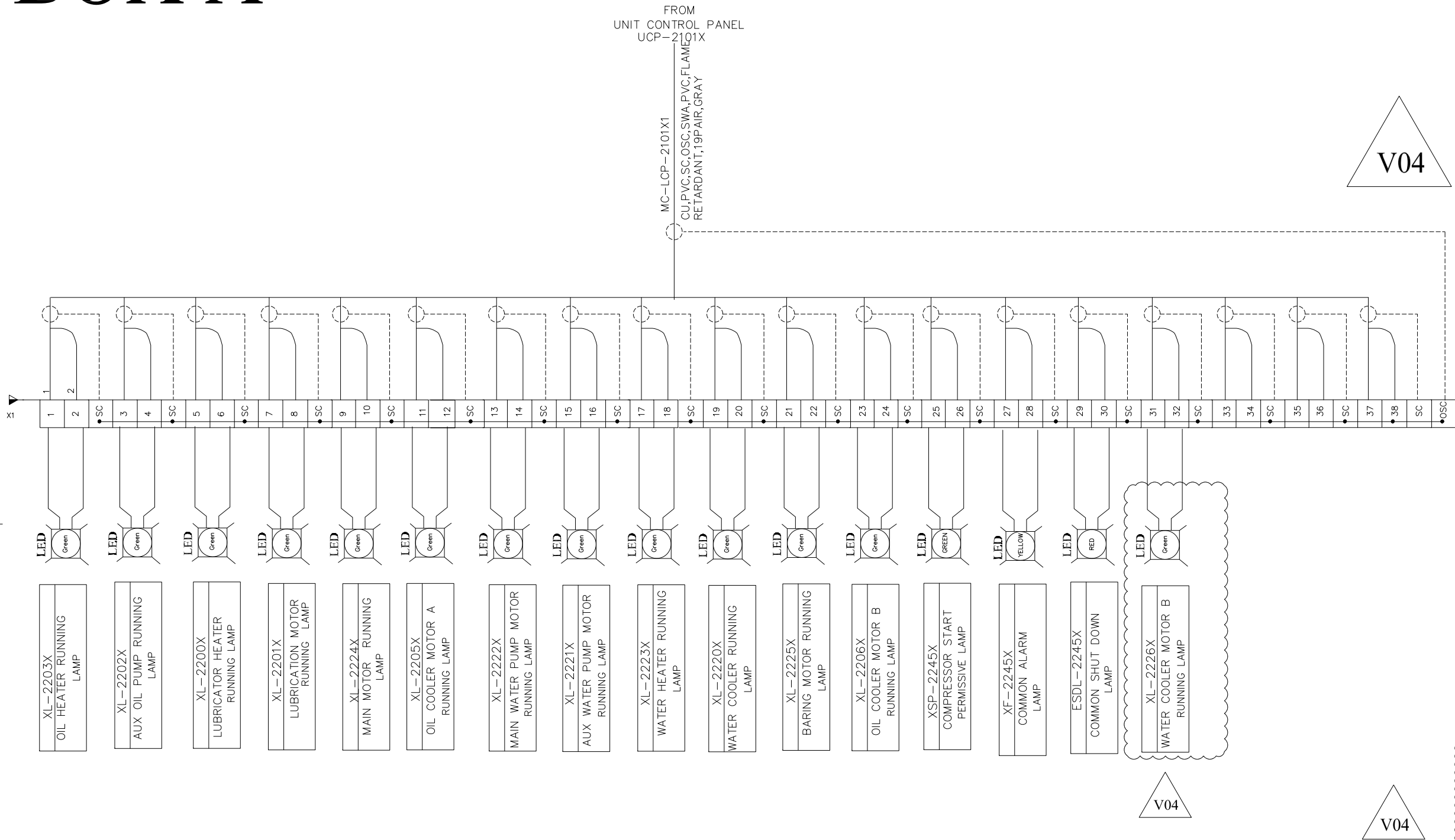
DRAWING TITLE:		LCP AND GAUGE BOARD LAYOUT		NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED	
SCALE		DRAWING NO.		APPROVED FOR CONSTRUCTION BY:	
N.T.S.C.	A3	BK-GCS-HY-120-IN-PY-0001		05 OF 15	

DATE	SCALE	DRAWING BY	CHECKED BY

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.	BUDGET REF	LOCATION	SIZE	CLASS	SERIAL NO.
N.T.S.C.	A3	BK-GCS-HY-120-IN-PY-0001	05 OF 15	V04					



BOX A













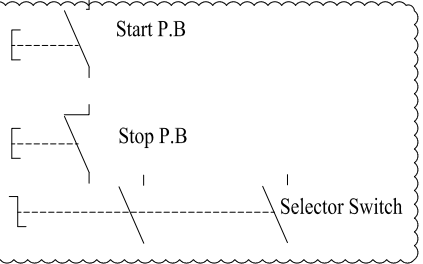
REFERENCE DRAWINGS		DWG. NUMBER
BK-GCS-HY-120-PB-P-0001	P&I DIAGRAM	
BK-GCS-HY-120-IN-PY-0003	INSTRUMENT CABLE LIST	

Note1 :


X:A COMPRESSOR A
X:B COMPRESSOR B
X:C COMPRESSOR C

Wire number procedure: Xn-m
n: Strip number m:Terminal number
Ex:X1-01

- Legend :
-  Signal Lamp Green
 -  Signal Lamp Red
 -  Push Button Start Green
 -  Push Button Stop Red
 -  Emergency Push Button Stop Red
 -  Selector Switch L-0-R With Rotary Switch
 -  Ammeter
 -  Gland
 -  Plug
 -  Signal Lamp



V04	NOV.2024	AFC	HAVAYAR CO	M.FAKHARIAN	M.SADEGHIAN	
V03	SEP.2024	AFC	HAVAYAR CO	M.FAKHARIAN	M.SADEGHIAN	
V02	JUNE.2024	IFR	HAVAYAR CO	M.FAKHARIAN	M.SADEGHIAN	
V01	OCT.2023	IFR	HAVAYAR CO	M.FAKHARIAN	S.FARAMARZPOUR	
V00	SEP.2023	IFR	HAVAYAR Co	M.FAKHARIAN	A.M.MOHSENI	
REV.	DATE	P.O.I.	PREP.	CHK.	APP.	AUT.
PROJECT NAME: BINAK OILFIELD DEVELOPMENT SURFACE WORK PACKAGES						
PROJECT NO.: -----						
EPC CONTRACTOR:			EPC/EPD CONTRACTOR:			
 HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES			 PETROIRAN DEVELOPMENT COMPANY			
DRAWING TITLE: LCP AND GAUGE BOARD LAYOUT						
SCALE	SIZE	DRAWING NO.			SHEET NO.	REV.
N.T.SC.	A3	BK-GCS-HY-120-IN-PY-0001			06 OF 15	V04

					THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS				
BINAK OILFIELD DEVELOPMENT SURFACE WORK PACKAGES									
DATE		SCALE		DRAWING BY		CHECKED BY			
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED									
APPROVED FOR CONSTRUCTION						BY:			
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.					



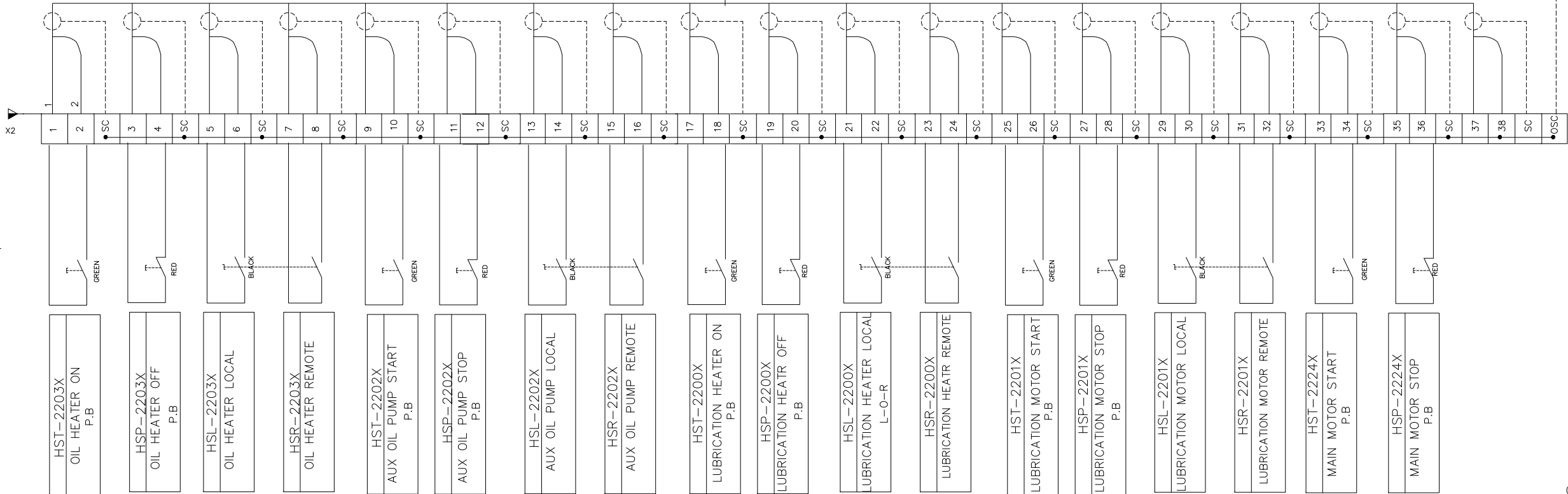
BOX A

FROM
UNIT CONTROL PANEL
UCP-2101X

MC-LCP-2101X2

CU,PVC,SC,OSC,SWA,PVC,FLAME
RETARDANT,19PAIR,GRAY

V04



REFERENCE DRAWINGS
BK-GCS-HY-120-PY-0001
P&ID DIAGRAM
BK-GCS-HY-120-PN-1-0003
INSTRUMENT CABLE LIST

DWG. NUMBER
A0

Note1 :

X:A COMPRESSOR A
X:B COMPRESSOR B
X:C COMPRESSOR C

Wire number procedure: Xn-m
n: Strip number m:Terminal number
Ex:X1-01

Legend :

Signal Lamp Green

Signal Lamp Red

Push Button Start Green

Push Button Stop Red

Emergency Push Button Stop Red

Selector Switch L-0-R With Rotary Switch

Ammeter

Gland

Plug

Signal Lamp

Start P.B

Stop P.B

Selector Switch

V04	NOV.2024	AFC	M.FAKHARIAN	M.SADEGHIAN	
V03	SEP.2024	AFC	M.FAKHARIAN	M.SADEGHIAN	
V02	JUNE.2024	IFR	M.FAKHARIAN	M.SADEGHIAN	
V01	OCT.2023	IFR	M.FAKHARIAN	S.FARAMARZPOUR	
V00	SEP.2023	IFR	M.FAKHARIAN	A.M.MOHSENI	
REV.	DATE	P.O.I.	CHK.	APP.	AUT.

PROJECT NAME:
BINAK OILFIELD DEVELOPMENT SURFACE WORK PACKAGES

EPC CONTRACTOR:

HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES

EPC/EPD CONTRACTOR:

PETROIRAN DEVELOPMENT COMPANY

DRAWING TITLE:
LCP AND GAUGE BOARD LAYOUT

SCALE	SIZE	SHEET NO.	REV.
N.T.S.C.	A3	BK-GCS-HY-120-IN-PY-0001	07 OF 15 V04

THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS

DATE	SCALE	DRAWING BY	CHECKED BY

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION BY:

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.

Software Autocad File No: 18105 V04.dwg

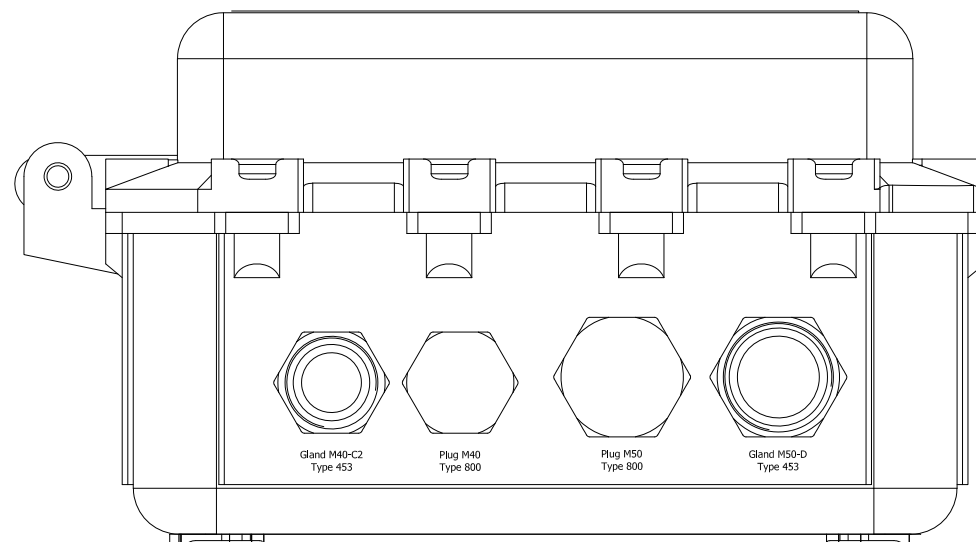


BOX B

FROM BOX A

TO BOX C

V04



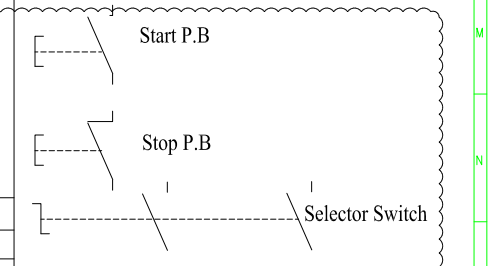
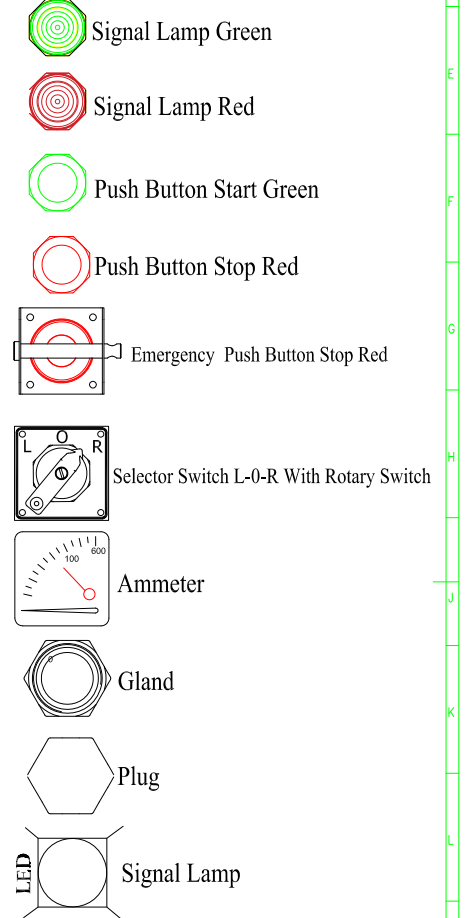
External Earth Lug M8

Note1 :

X:A COMPRESSOR A
X:B COMPRESSOR B
X:C COMPRESSOR C

Wire number procedure: Xn-m
n: Strip number m: Terminal number
Ex: X1-01

Legend :



V04					NOV.2024	AFC	M.FAKHARIAN	M.SADEGHIAN																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																</
-----	--	--	--	--	----------	-----	-------------	-------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	----

V05

BOX B

FROM
UNIT CONTROL PANEL
UCP-2101X

MC-LCP-2101X3
CU,PVC,SC,OSC,SWA,PVC,FLAME
RETARDANT,19PAIR,GRAY

V04

V04

V04

Legend :

- Signal Lamp Green
- Signal Lamp Red
- Push Button Start Green
- Push Button Stop Red
- Emergency Push Button Stop Red
- Selector Switch L-0-R With Rotary Switch
- Ammeter
- Gland
- Plug
- Signal Lamp

Start P.B

Stop P.B

Selector Switch

REV.	DATE	P.O.I.	CHK.	APP.	AUT.
V04	NOV.2024	AFC	M.FAKHARIAN	M.SADEGHIAN	
V03	SEP.2024	AFC	M.FAKHARIAN	M.SADEGHIAN	
V02	JUNE.2024	IFR	M.FAKHARIAN	M.SADEGHIAN	
V01	OCT.2023	IFR	M.FAKHARIAN	S.FARAMARZPOUR	
V00	SEP.2023	IFR	M.FAKHARIAN	A.M.MOHSEMI	

PROJECT NAME: BINAK OILFIELD DEVELOPMENT SURFACE WORK PACKAGES

PROJECT NO.: ---

EPC CONTRACTOR: HIRGAN ENERGY
EPD/EPD CONTRACTOR: PETROIRAN DEVELOPMENT COMPANY

DRAWING TITLE: LCP AND GAUGE BOARD LAYOUT

SCALE	SIZE	SHEET NO.	REV.
N.T.S.C.	A3	BK-GCS-HY-120-IN-PY-0001	09 OF 15 V04

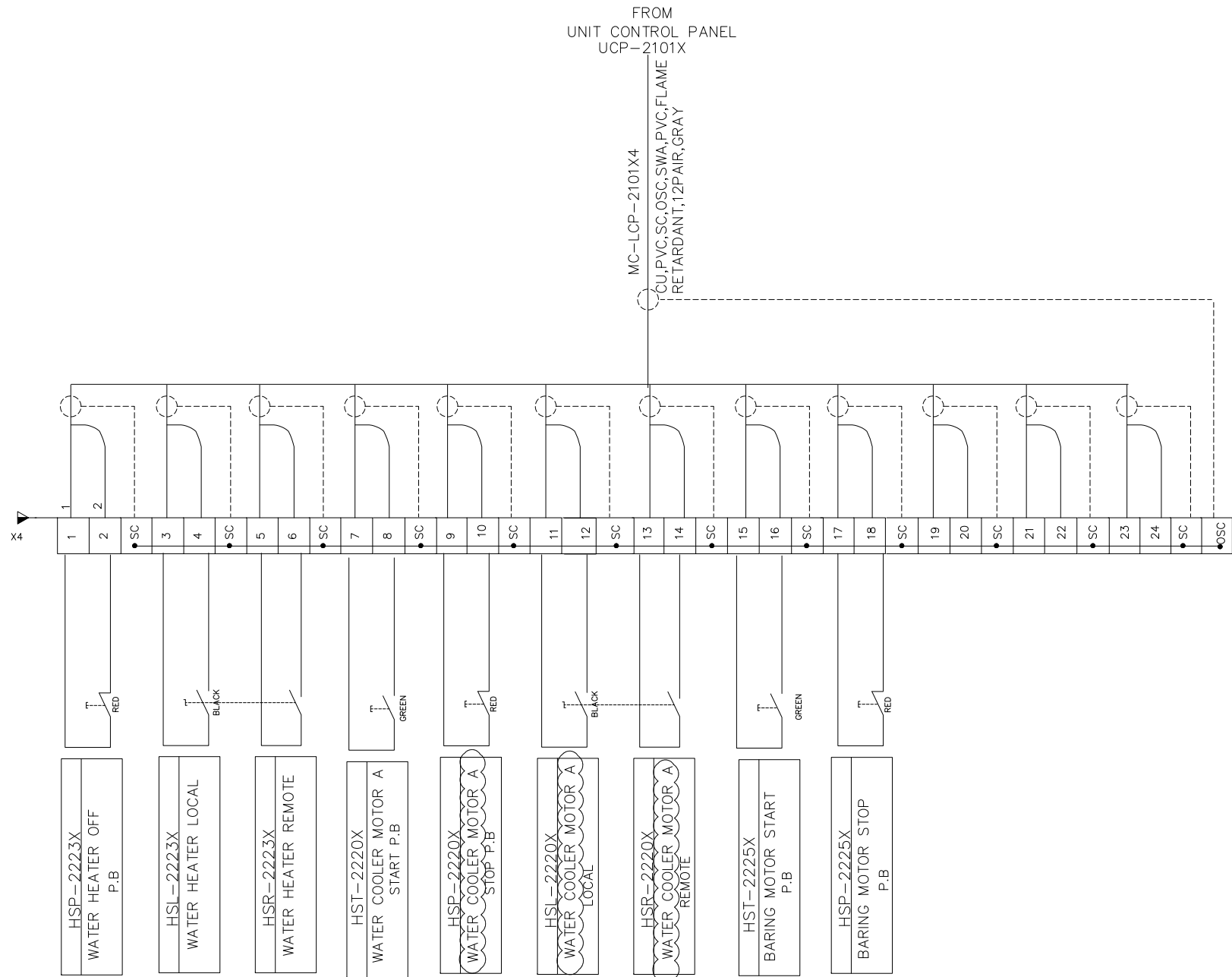
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION BY:

FILE NO: 18105 V04.dwg

BOX B



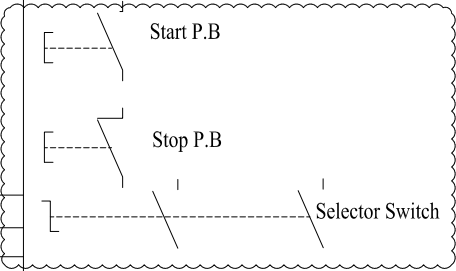
REFERENCE DRAWINGS		DWG. NUMBER
BK-GCS-HY-120-PR-PJ-001	P&I DIAGRAM	
BK-GCS-HY-120-PA-1-0003	INSTRUMENT CABLE LIST	

Note1 :

X:A COMPRESSOR A
X:B COMPRESSOR B
X:C COMPRESSOR C

Wire number procedure: Xn-m
n: Strip number m:Terminal number
Ex:X1-01

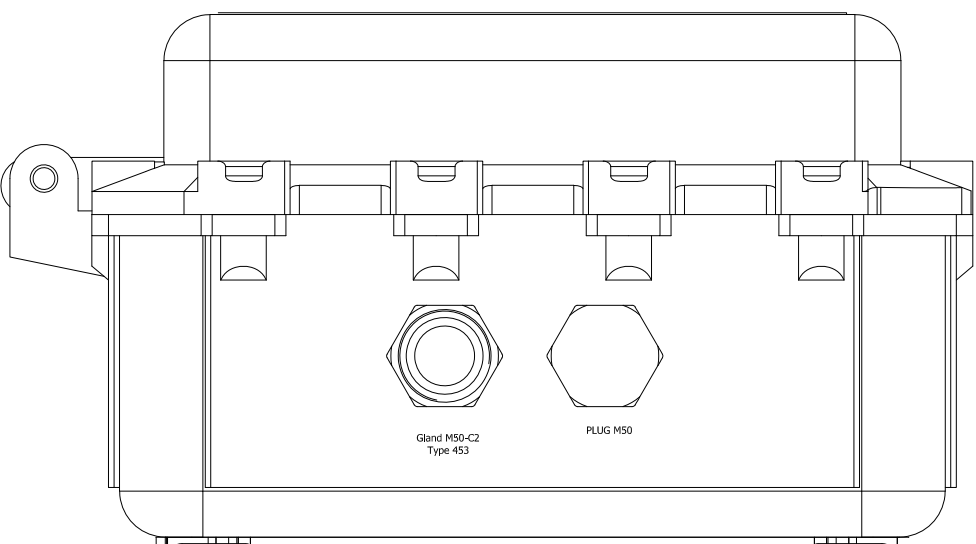
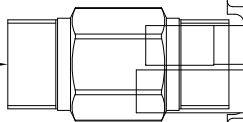
- Legend :
- Signal Lamp Green
 - Signal Lamp Red
 - Push Button Start Green
 - Push Button Stop Red
 - Emergency Push Button Stop Red
 - Selector Switch L-0-R With Rotary Switch
 - Ammeter
 - Gland
 - Plug
 - Signal Lamp



REV.	DATE	P.O.I.	CHK.	APP.	AUT.	DESCRIPTION	BY	DATE
V04	NOV.2024	AFC	M.FAKHARIAN	M.SADEGHIAN				
V03	SEP.2024	AFC	M.FAKHARIAN	M.SADEGHIAN				
V02	JUNE.2024	IFR	M.FAKHARIAN	M.SADEGHIAN				
V01	OCT.2023	IFR	M.FAKHARIAN	S.FARAMARZPOUR				
V00	SEP.2023	IFR	M.FAKHARIAN	A.M.MOHSENI				
PROJECT NAME:						THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS		
PROJECT NO.:						BINAK OILFIELD DEVELOPMENT SURFACE WORK PACKAGES		
EPC CONTRACTOR:			EPC/EPD CONTRACTOR:			BINAK OILFIELD DEVELOPMENT SURFACE WORK PACKAGES		
HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES			PETROIRAN DEVELOPMENT COMPANY			DATE	SCALE	DRAWING BY
DRAWING TITLE:			LCP AND GAUGE BOARD LAYOUT			NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED		
APPROVED FOR CONSTRUCTION			BY:			BUDGET REF. LOCATION SIZE CLASS SERIAL NO.		
N.T.SC.			A3			BK-GCS-HY-120-IN-PY-0001		
SCALE			SIZE			SHEET NO.		
N.T.SC.			A3			10 OF 15		
REV.			V04			21		

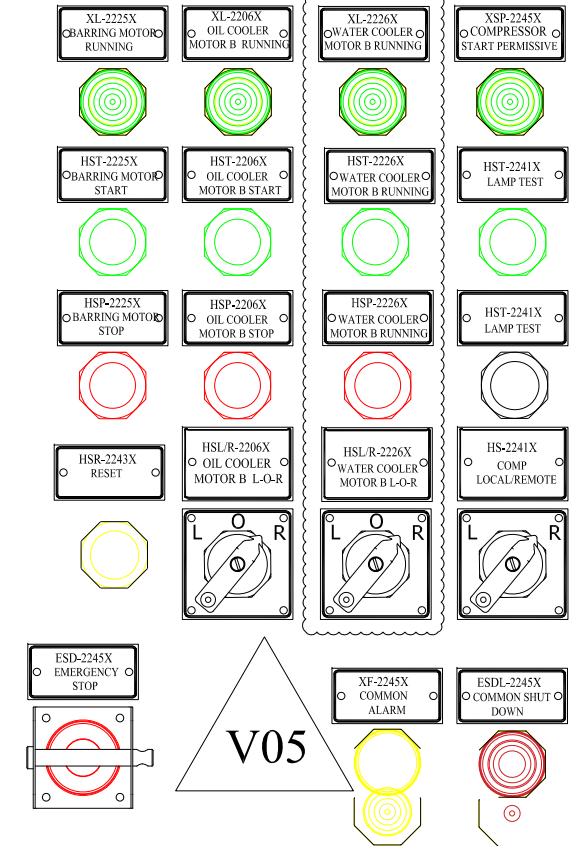


FROM BOX B



Gland M50-C2
Type 453

PLUG M50



- XL-2225X BARRING MOTOR RUNNING
- XL-2206X OIL COOLER MOTOR B RUNNING
- XL-2226X WATER COOLER MOTOR B RUNNING
- XSP-2245X COMPRESSOR START PERMISSIVE
- HST-2225X BARRING MOTOR START
- HST-2206X OIL COOLER MOTOR B START
- HST-2226X WATER COOLER MOTOR B RUNNING
- HST-2241X LAMP TEST
- HSP-2225X BARRING MOTOR STOP
- HSP-2206X OIL COOLER MOTOR B STOP
- HSP-2226X WATER COOLER MOTOR B RUNNING
- HST-2241X LAMP TEST
- HSR-2243X RESET
- HSL/R-2206X OIL COOLER MOTOR B L-O-R
- HSL/R-2226X WATER COOLER MOTOR B L-O-R
- HS-2241X COMP LOCAL/REMOTE
- ESD-2245X EMERGENCY STOP
- XF-2245X COMMON ALARM
- ESDL-2245X COMMON SHUT DOWN

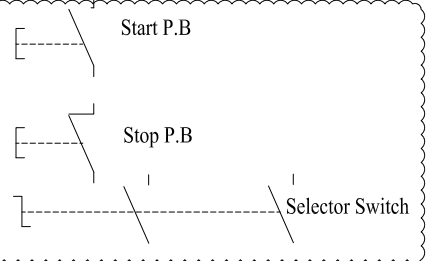
V05





External Earth Lug M8

V04

Note1 :
X:A COMPRESSOR A
X:B COMPRESSOR B
X:C COMPRESSOR C
Wire number procedure: Xn-m
n: Strip number m:Terminal number
Ex:X1-01

- Legend :
- Signal Lamp Green
 - Signal Lamp Red
 - Push Button Start Green
 - Push Button Stop Red
 - Emergency Push Button Stop Red
 - Selector Switch L-0-R With Rotary Switch
 - Ammeter
 - Gland
 - Plug
 - Signal Lamp



				[-----/-----/-----] Selector Switch			
V04	NOV.2024	AFC	M.FAKHARIAN	M.SADEGHIAN			
V03	SEP.2024	AFC	M.FAKHARIAN	M.SADEGHIAN			
V02	JUNE.2024	IFR	M.FAKHARIAN	M.SADEGHIAN			
V01	OCT.2023	IFR	M.FAKHARIAN	S.FARAMARZPOUR			
V00	SEP.2023	IFR	M.FAKHARIAN	A.M.MOHSENI			
REV.	DATE	P.O.I.	CHK.	APP.	DATE	BY	DATE
					CHECKED		
PROJECT NAME:					جریان سیم و خط های فشارمیدان و خطوط انتقال و آبار		
BINAK OILFIELD DEVELOPMENT SURFACE WORK PACKAGES					 THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS		
PROJECT NO.: ---							
EPC CONTRACTOR:					EPC/EPD CONTRACTOR:		
 							
HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES					PETROIRAN DEVELOPMENT COMPANY		
DRAWING TITLE:					NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED		
LCP AND GAUGE BOARD LAYOUT					APPROVED FOR CONSTRUCTION		
					BY:		
SCALE	SIZE			SHEET NO	REV.	BUDGET REF	LOCATION
N.T.S.C.	A3	BK-GCS-HY-120-IN-PY-0001		11 OF 15	V04	SIZE	CLASS
				SERIAL NO.			



THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS

BINAK OILFIELD DEVELOPMENT SURFACE WORK PACKAGES

DATE SCALE DRAWING BY CHECKED BY

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION BY:

BUDGET REP LOCATION SIZE CLASS SERIAL NO

N.T.S.C. A3 BK-GCS-HY-120-IN-PY-0001 11 OF 15 V04

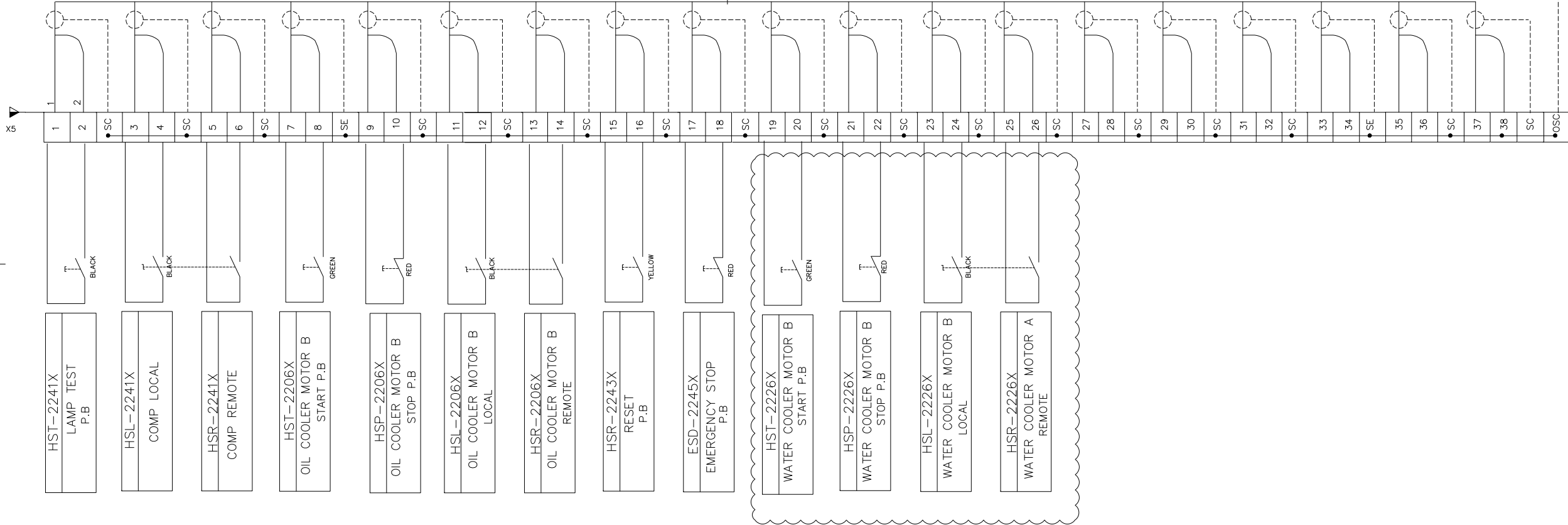
Software Autocad File No 18105 V04.dwg

BOX C

FROM
UNIT CONTROL PANEL
UCP-2101X

MC-LCP-2101X5
CU,PVC,SC,OSC,SWA,PVC,FLAME
RETARDANT,19PAIR,GRAY

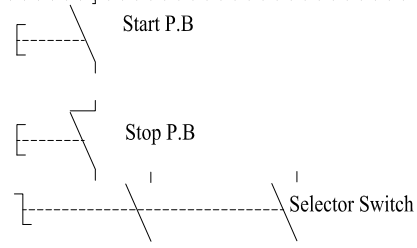
V04



V04

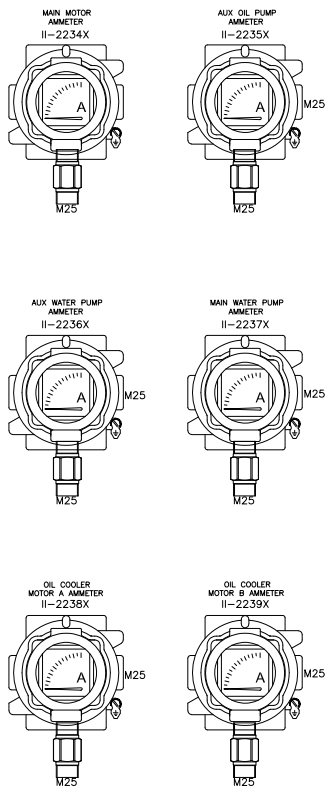
V04

- Legend :
- Signal Lamp Green
 - Signal Lamp Red
 - Push Button Start Green
 - Push Button Stop Red
 - Emergency Push Button Stop Red
 - Selector Switch L-0-R With Rotary Switch
 - Ammeter
 - Gland
 - Plug
 - Signal Lamp



						Selector Switch	

AMMETER GAUGE BOARD



V04

V04

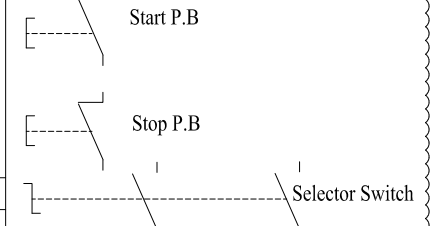
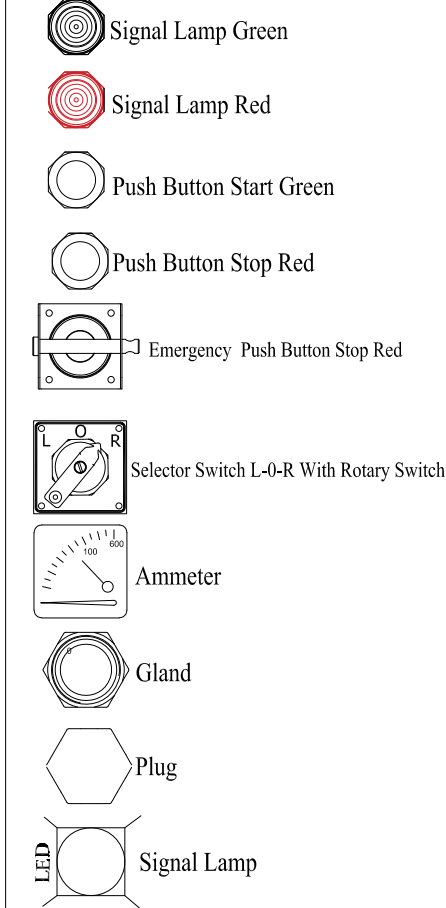
V04

Note1 :

X:A COMPRESSOR A
X:B COMPRESSOR B
X:C COMPRESSOR C

Wire number procedure: Xn-m
n: Strip number m:Terminal number
Ex:X1-01

Legend :



REV.	DATE	P.O.I.	CHK.	APP.	AUT.	DESCRIPTION	BY	DATE
V04	NOV.2024	AFC	M.FAKHARIAN	M.SADEGHIAN				
V03	SEP.2024	AFC	M.FAKHARIAN	M.SADEGHIAN				
V02	JUNE.2024	IFR	M.FAKHARIAN	M.SADEGHIAN				
V01	OCT.2023	IFR	M.FAKHARIAN	S.FARAMARZPOUR				
V00	SEP.2023	IFR	M.FAKHARIAN	A.M.MOHSENI				
PROJECT NAME: BINAK OILFIELD DEVELOPMENT SURFACE WORK PACKAGES						THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS		
PROJECT NO.: ---						BINAK OILFIELD DEVELOPMENT SURFACE WORK PACKAGES		
EPC CONTRACTOR: HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES						EPC/EPD CONTRACTOR: PETROIRAN DEVELOPMENT COMPANY		
DRAWING TITLE: LCP AND GAUGE BOARD LAYOUT						NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED		
SCALE: N.T.S.C. A3						APPROVED FOR CONSTRUCTION BY:		
SHEET NO. 13 OF 15						BUDGET REF. LOCATION SIZE CLASS SERIAL NO.		
REV. V04						FILE NO 18105 V04.dwg		

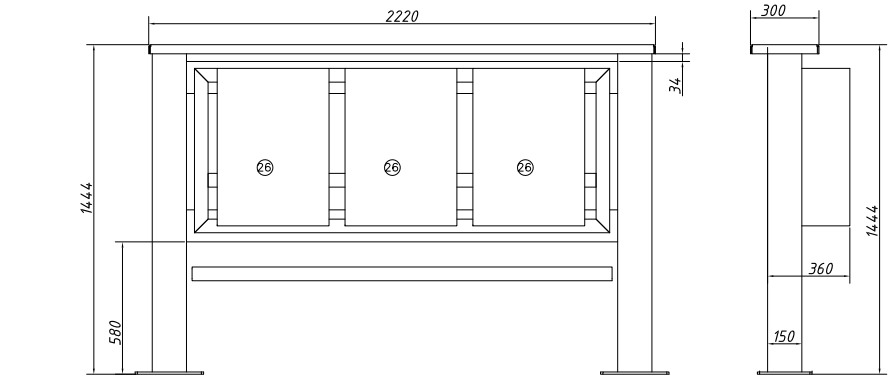
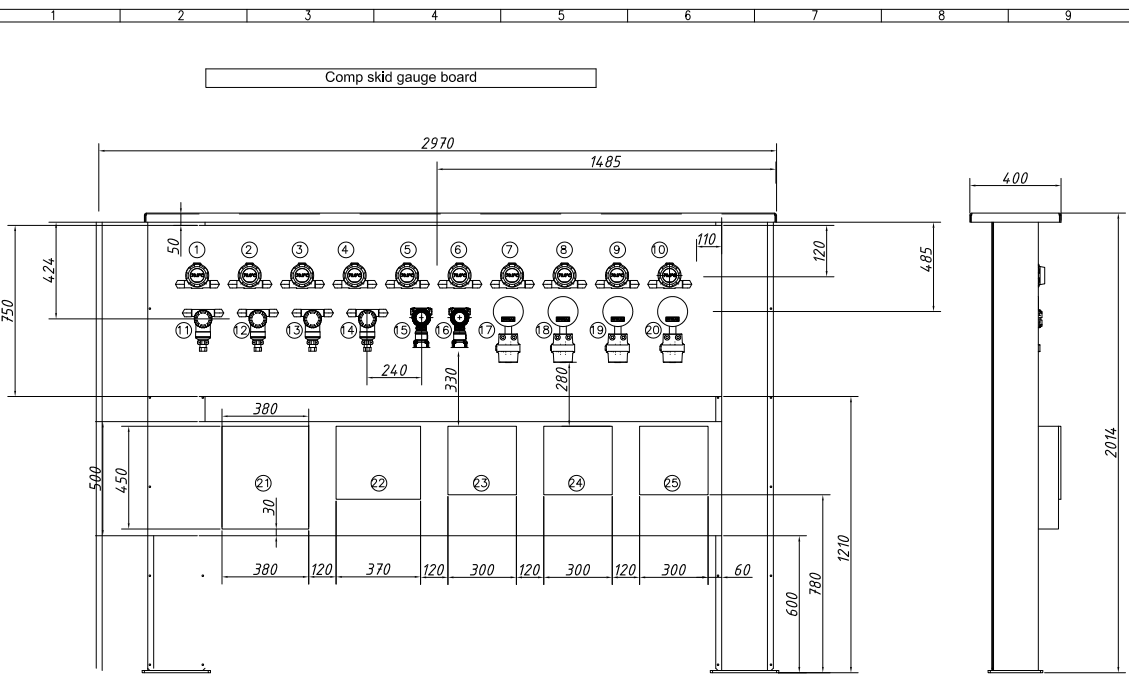


Note1 :

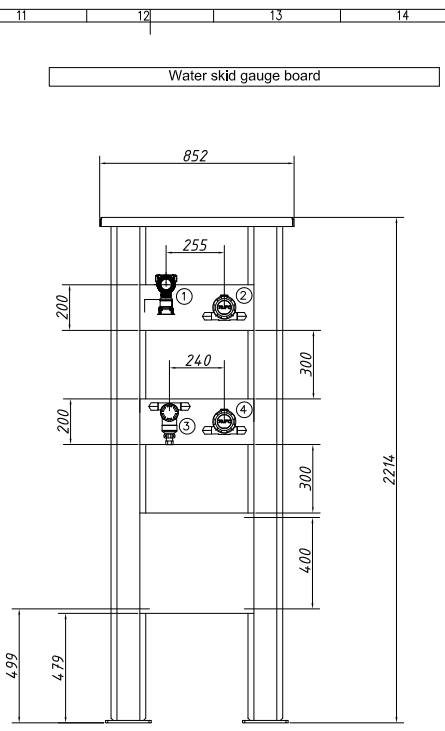
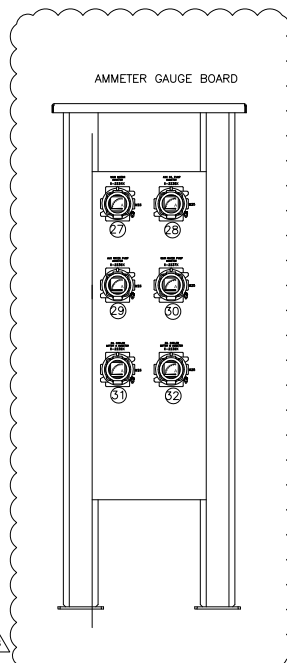
X:A COMPRESSOR A
X:B COMPRESSOR B
X:C COMPRESSOR C

Wire number procedure: X_n-m
n: Strip number m:Terminal number
Ex:X1-01

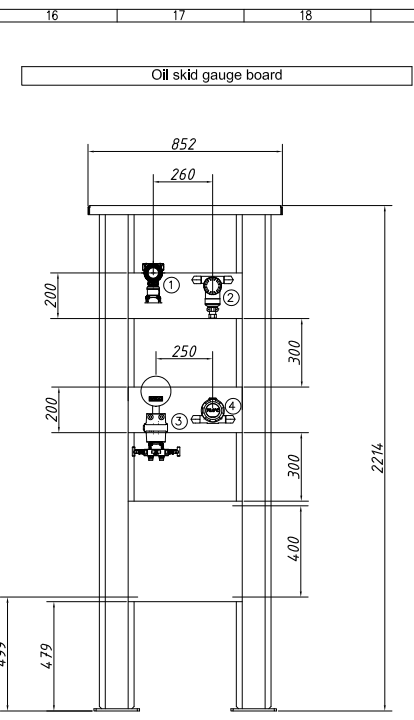




Item No	Tag No	Remark
1	C-TT-2191X	1STG DISCHARGE SNUBBER
2	C-TT-2194X	2nd STAGE DISCHARGE SNUBBER
3	C-TT-2203X	OIL CRANKCASE
4	C-TT-2214X	Main Motor NDE
5	C-TT-2215X	Main Motor DE
6	C-TT-2216X	Comp DE Bearing
7	C-TT-2217X	Packing
8	C-TT-2218X	Comp NDE Bearing
9	C-TT-2219X	Packing
10	C-TT-2220X	Comp Mid Bearing
11	C-PT-2201X	Instrument Air
12	C-PT-2210X	N2 Gas Supply
13	C-PT-2211X	N2 Gas Supply
14	C-PT-2212X	N2 Gas
15	C-LT-2200X	OIL CRANKCASE
16	C-FT-2206X	WATER RETURN
17	C-PDG-2200X	N2 Gas Supply
18	C-PDG-2201X	Instrument Air
19	C-PDG-2205X	Jacket Cooling
20	C-PDG-2206X	Jacket Cooling
21	JBU-A-2102X	JB
22	JBU-A-2101X	JB
23	JBU-A-2103X	JB
24	JBU-S-2101X	JB
25	JBU-D-2101X	JB
26	LCF-2204X	LCF
27	MAIN MOTOR AMMETER	AMMETER ZIGLER 0-125A INSTALL IN LJB-2 WINDOW BOX ALUMINUM EXD IIC T4
28	AUX OIL PUMP AMMETER	AMMETER ZIGLER 0-20A INSTALL IN LJB-2 WINDOW BOX ALUMINUM EXD IIC T4
29	AUX WATER PUMP AMMETER	AMMETER ZIGLER 0-20A INSTALL IN LJB-2 WINDOW BOX ALUMINUM EXD IIC T4
30	MAIN WATER PUMP AMMETER	AMMETER ZIGLER 0-20A INSTALL IN LJB-2 WINDOW BOX ALUMINUM EXD IIC T4
31	OIL COOLER MOTOR A AMMETER	AMMETER ZIGLER 0-20A INSTALL IN LJB-2 WINDOW BOX ALUMINUM EXD IIC T4
32	OIL COOLER MOTOR B AMMETER	AMMETER ZIGLER 0-20A INSTALL IN LJB-2 WINDOW BOX ALUMINUM EXD IIC T4



Item No	Tag No	Remark
1	C-TT-2213X	WATER PRESERVER SKID
2	C-TT-2221X	WATER SKID
3	C-PT-2220X	WATER SKID
4	C-LT-2213X	WATER PRESERVER SKID



Item No	Tag No	Remark
1	C-PDT-2204X	OIL SKID FILTER
2	C-PT-2204X	OIL SKID
3	C-PDG-2204X	OIL SKID FILTER
4	C-TT-2204X	OIL SKID

PROJECT NAME:
BINAK OILFIELD DEVELOPMENT SURFACE WORK PACKAGES

PROJECT NO.:

EPC CONTRACTOR:
 HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES

DRAWING TITLE:
LCP AND GAUGE BOARD LAYOUT

EPC/EPD CONTRACTOR:
 PETROIRAN DEVELOPMENT COMPANY

DATE

SCALE

DRAWING BY

CHECKED BY

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION BY:

BUDGET REF. LOCATION SIZE CLASS SERIAL NO.

REV. DATE P.O.I. PREP. CHK. APP. AUT.

DESCRIPTION

BY DATE

CHECKED

REFERENCE DRAWINGS	DWG. NUMBER
HK-GCS-HY-120-PP-414001 HK-GCS-HY-120-NS-L14003	P&ID DIAGRAM INSTRUMENT CABLE LIST

Note1 :
X:A COMPRESSOR A
X:B COMPRESSOR B
X:C COMPRESSOR C

Legend :

THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS

BINAK OILFIELD DEVELOPMENT SURFACE WORK PACKAGES

