## LCP COMPRESSOR

**Enclosure Specification** Tag number LCP-2101X (Note 1) II 2 G D Marking acc to 94/9/EC directive Ex d IIB+H2 T4 Marking acc. to IEC IP66 Ingress Protection to IEC 60529 Permissible Ambient Temperature 5 °C TO 55° C Material Copper Free Aluminium Colour Of Enclosure **RAL** 7035 Minimum 3mm Thickness

Note1

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

Note2

WIRE 1.5mm<sup>2</sup> BLACK Ammeter 2.5mm<sup>2</sup> BLACK Silicone wire SIMCO brand

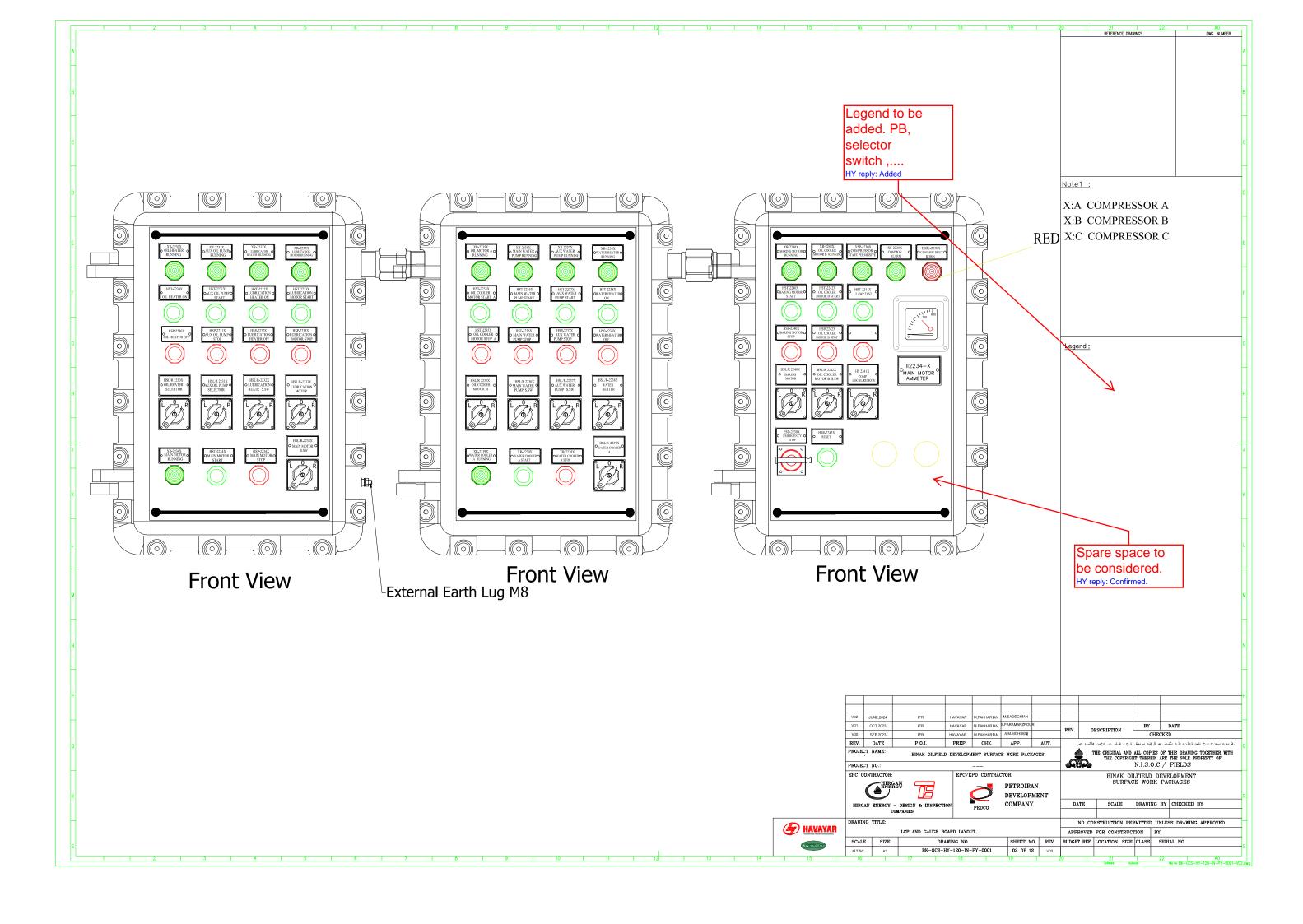
Legend :

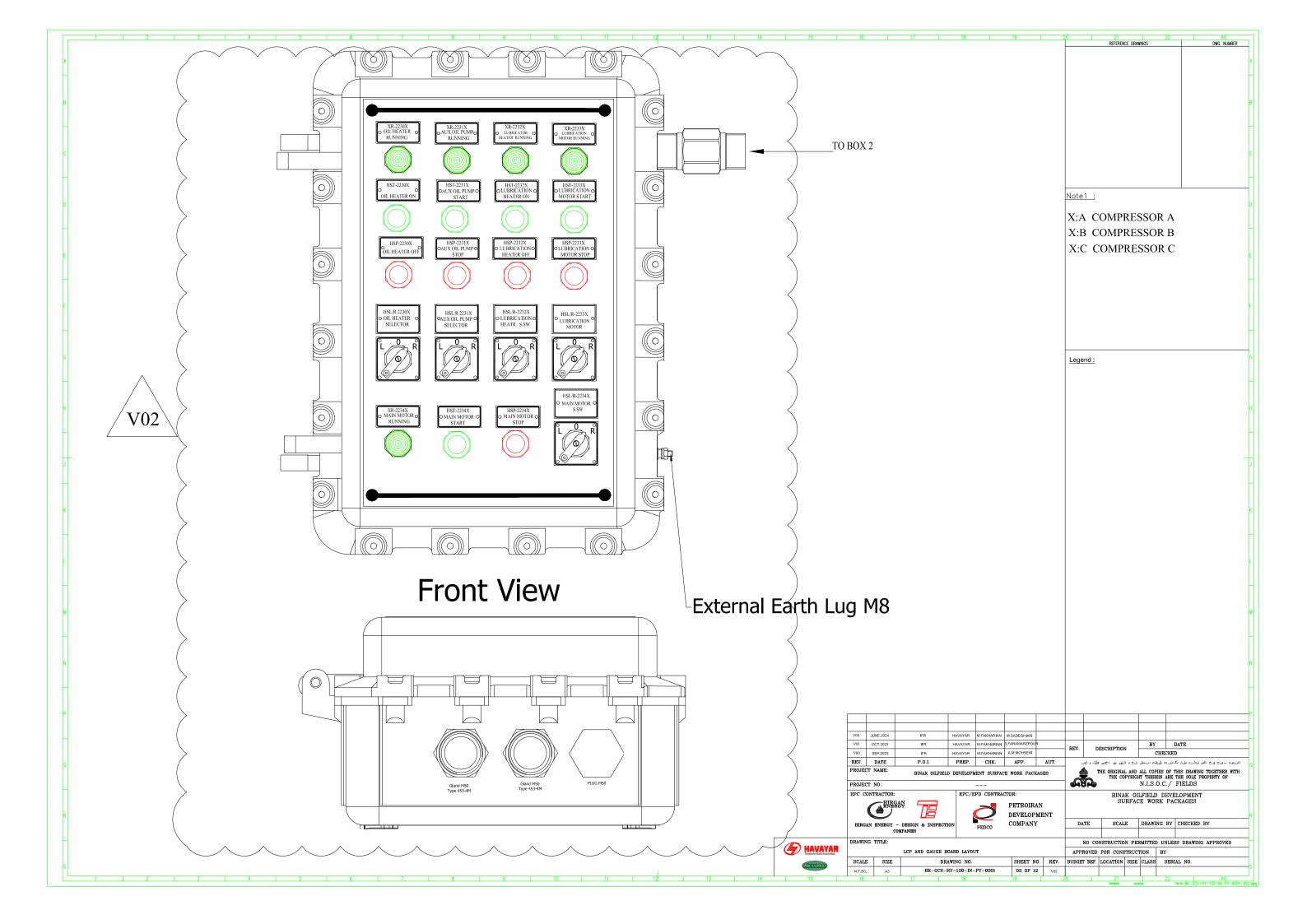
Lamp Signal

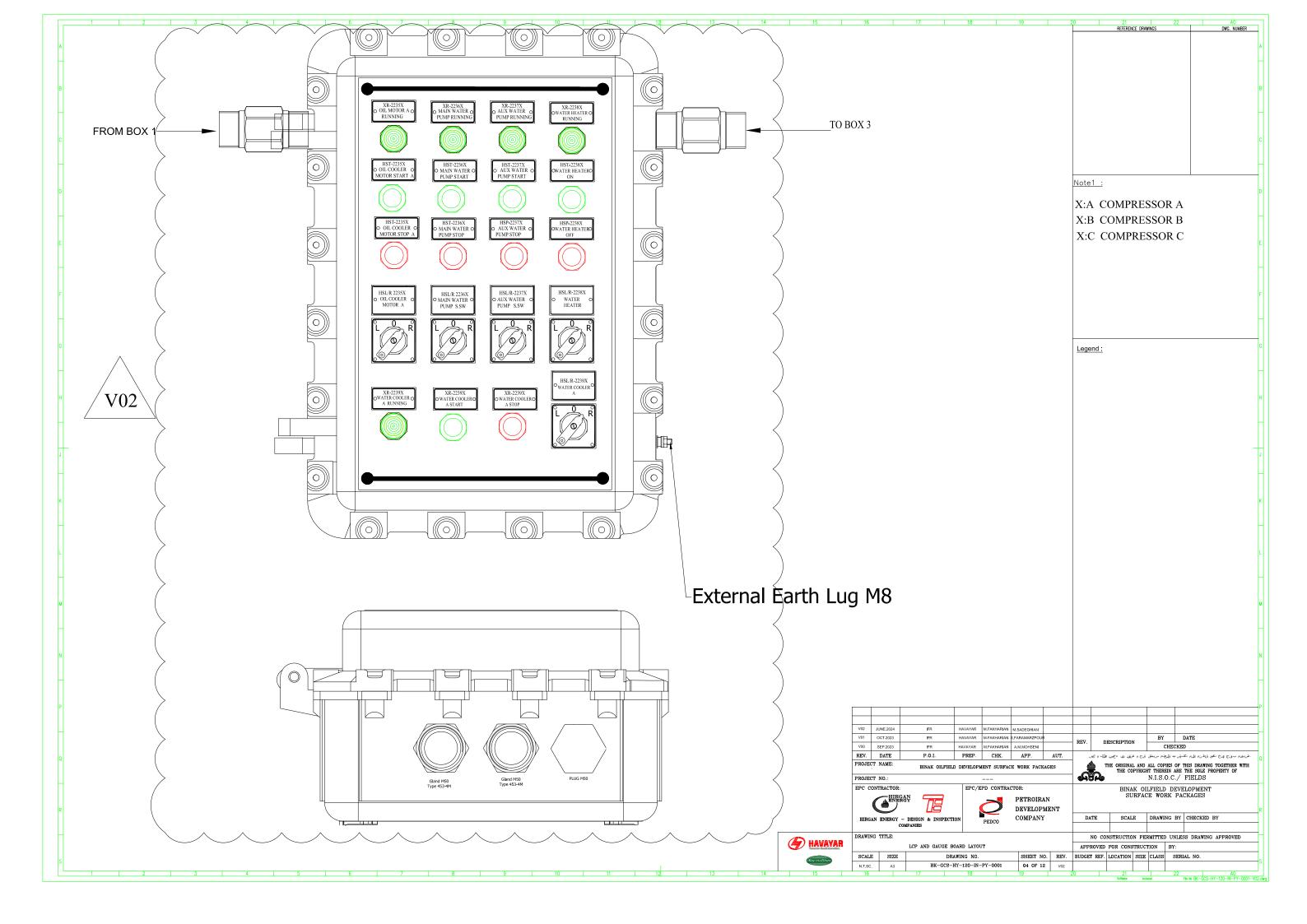
( A )

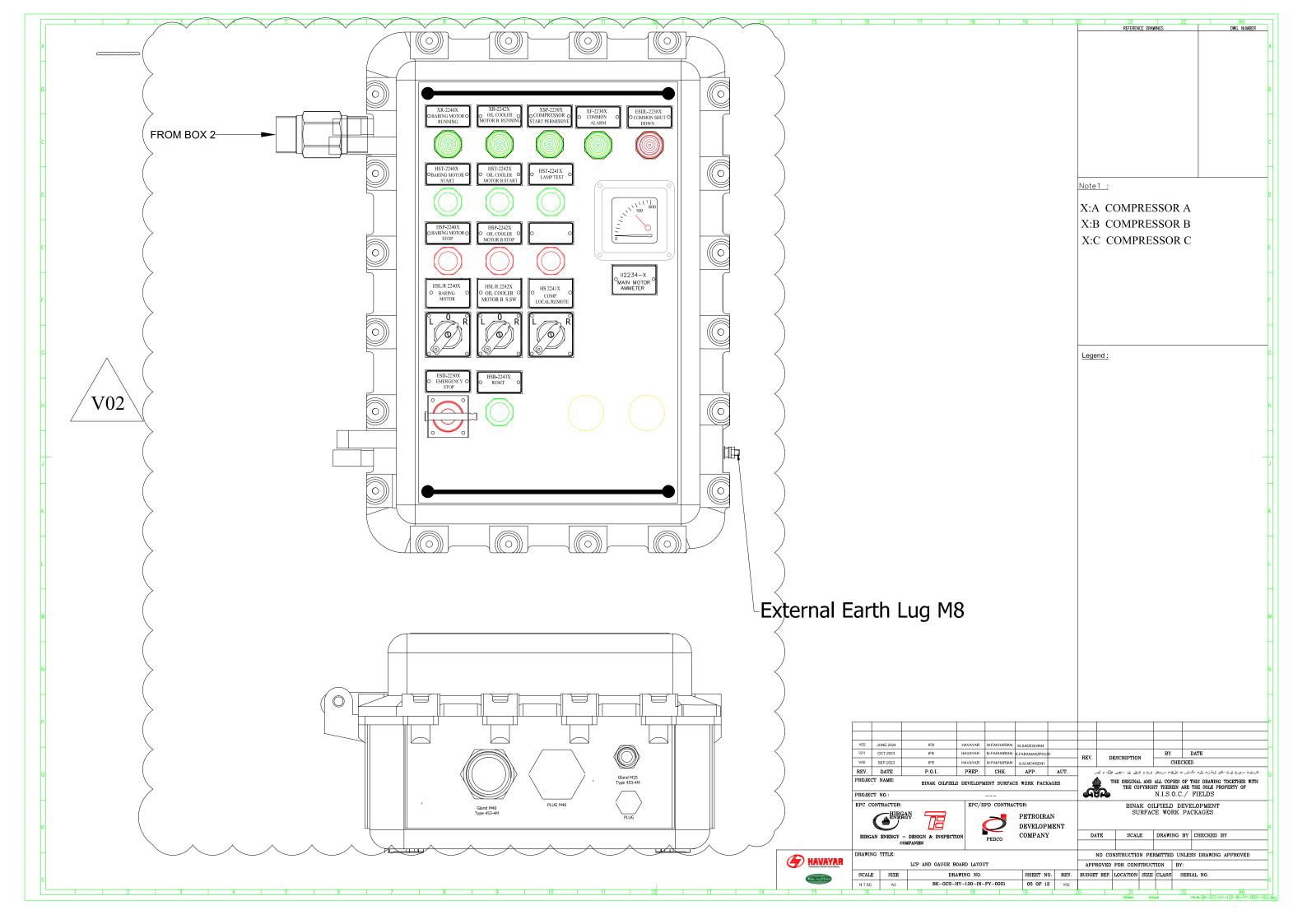
V02	JUNE.2024	IFR	HAVAYAR	M.FAKHARIAN	M.SADEGHIAN												
V01	OCT.2023	IFR	HAVAYAR	M.FAKHARIAN	S.FARAMARZPOU	₹	REV. DE		ESCRIPTION		BY	Ε	DATE				
V00	SEP.2023	IFR	HAVAYAR	M.FAKHARIAN	A.M.MOHSENI		REV.	NEV. DESCRIPTION			CI	CHECKED					
REV.	DATE	P.0.I.	PREP.	CHK.	APP.	AUT.	. شریعیم بن ج ی خ نفن قیحان، علیم ککش ب فلریجم سرینتی قرح و شرقین ی ، خین فلیک و ایس										
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									
PROJECT NO.:								N.I.S.O.C./ FIELDS									
EPC CONTRACTOR: EPC/EPD CONTRACTOR:								BINAK OILFIELD DEVELOPMENT									
HIRGAN PETROIRAN							SURFACE WORK PACKAGES										
DEVELOPMENT																	
HIRGAN ENERGY - DESIGN & INSPECTION PEDCO COMPA						OMPANY		TE	SCALE	I	DRAWING I		CHECKED BY				
COMPANIES																	
DRAWING TITLE:									NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED								
LCP AND GAUGE BOARD LAYOUT								APPROVED FOR CONSTRUCTION BY:									
SCAL	E SIZE	DRA	DRAWING NO.			O. REV.	BUDGE	REF.	LOCATION	SIZE	CLASS	SERL	AL NO.				
N.T.SC	. A3	BK-GCS-F	BK-GCS-HY-120-IN-PY-0001														
16		17	18		10		10	$\overline{}$	21		_	22			AO		

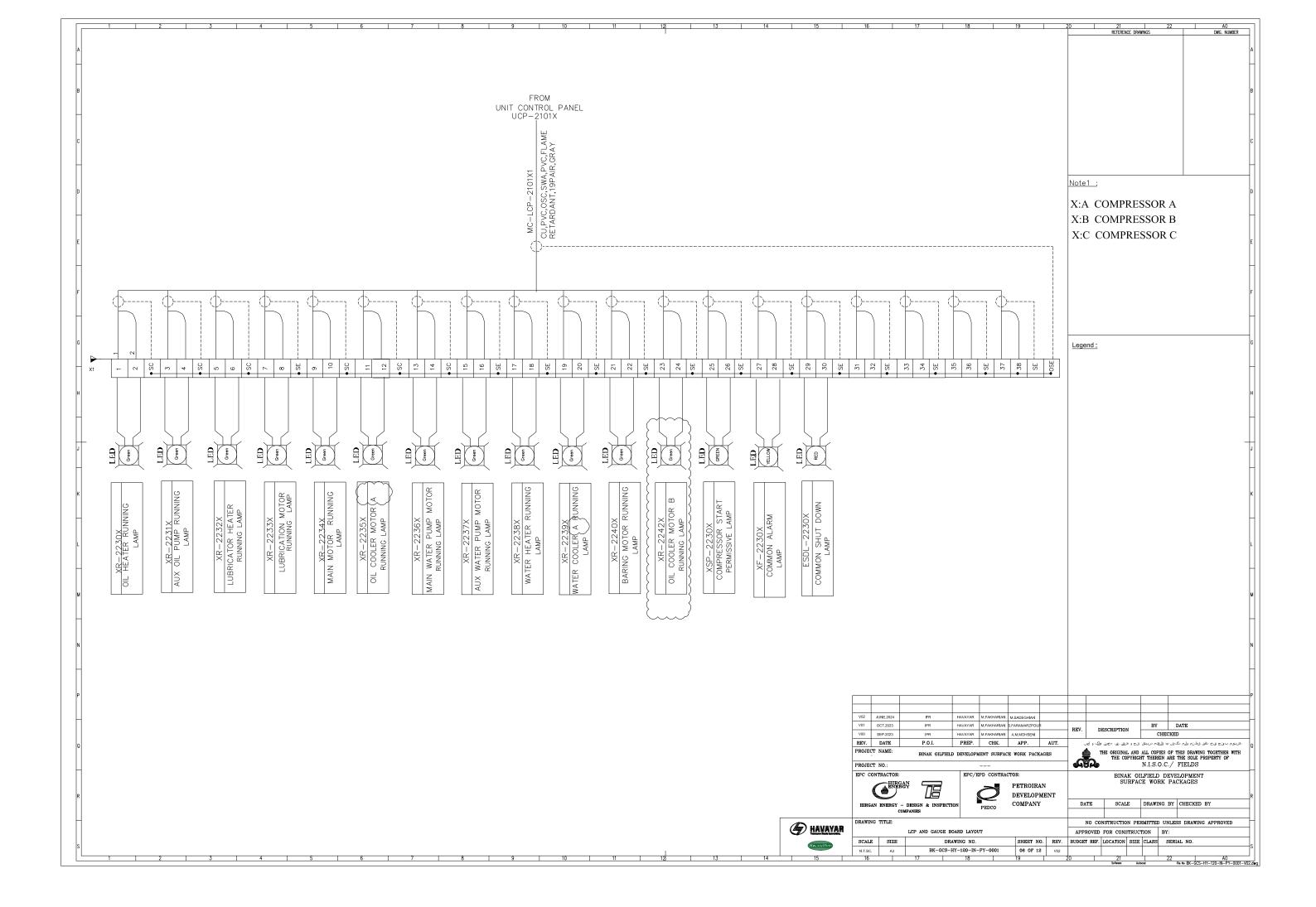
# HAVAYAR

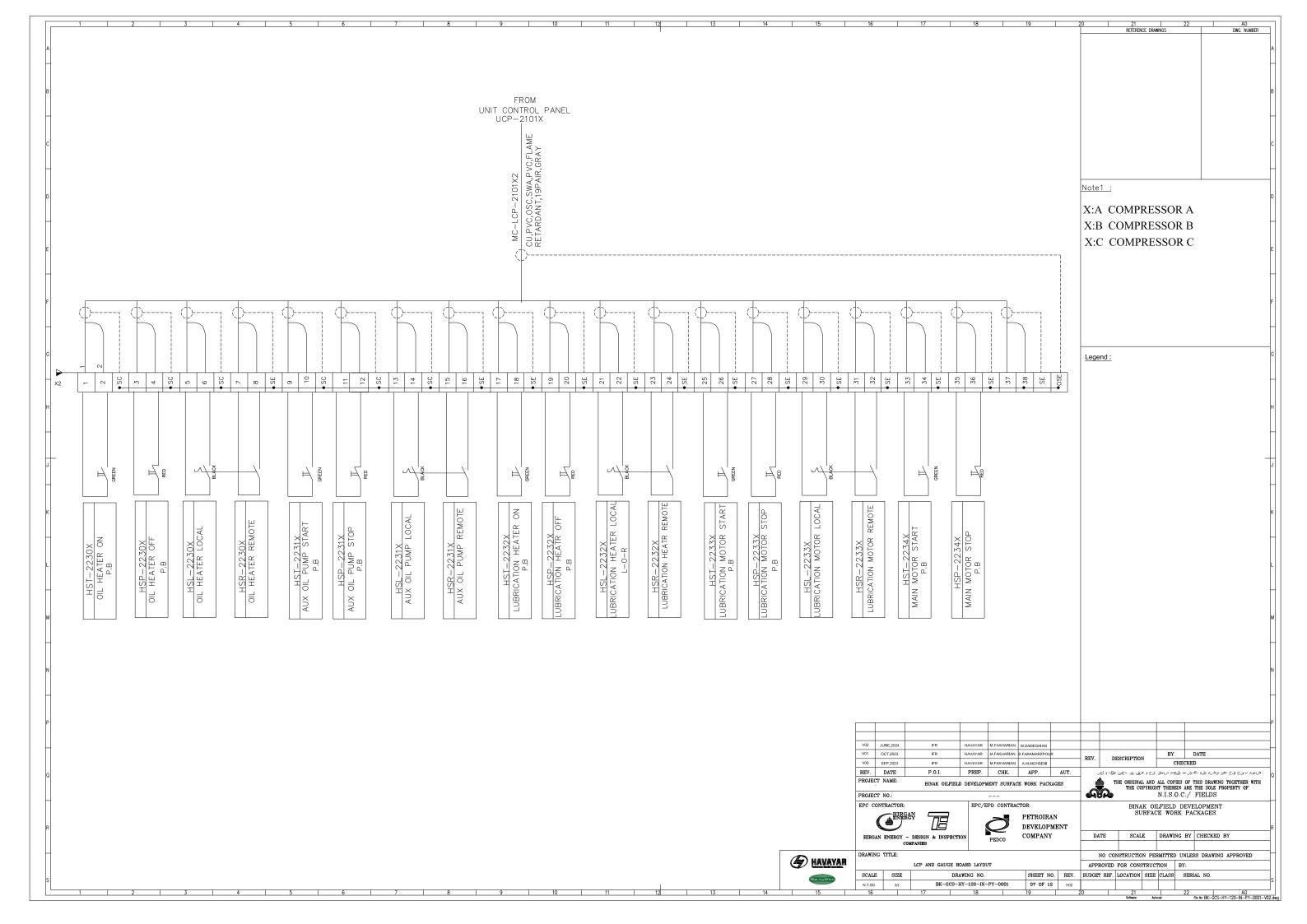


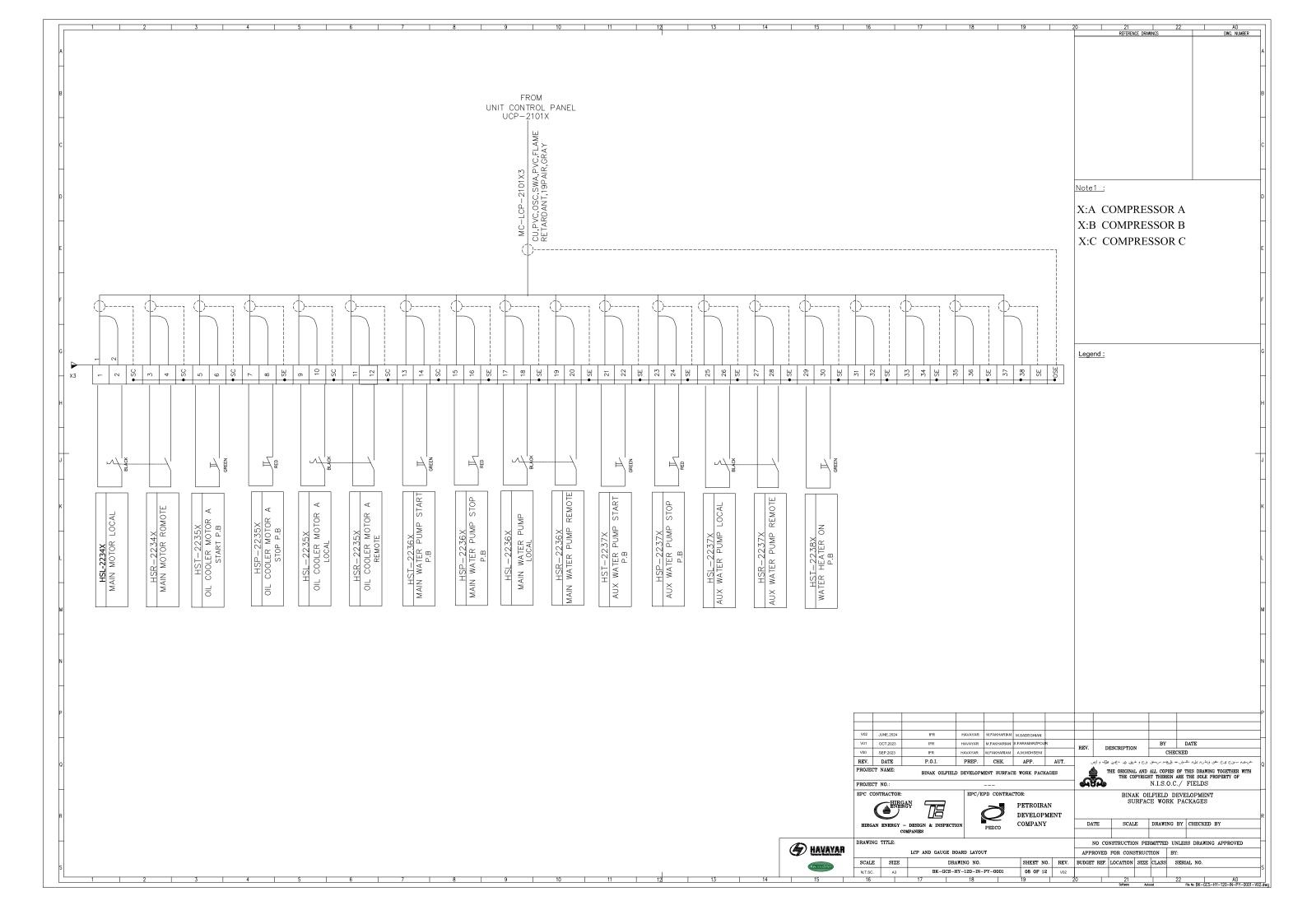


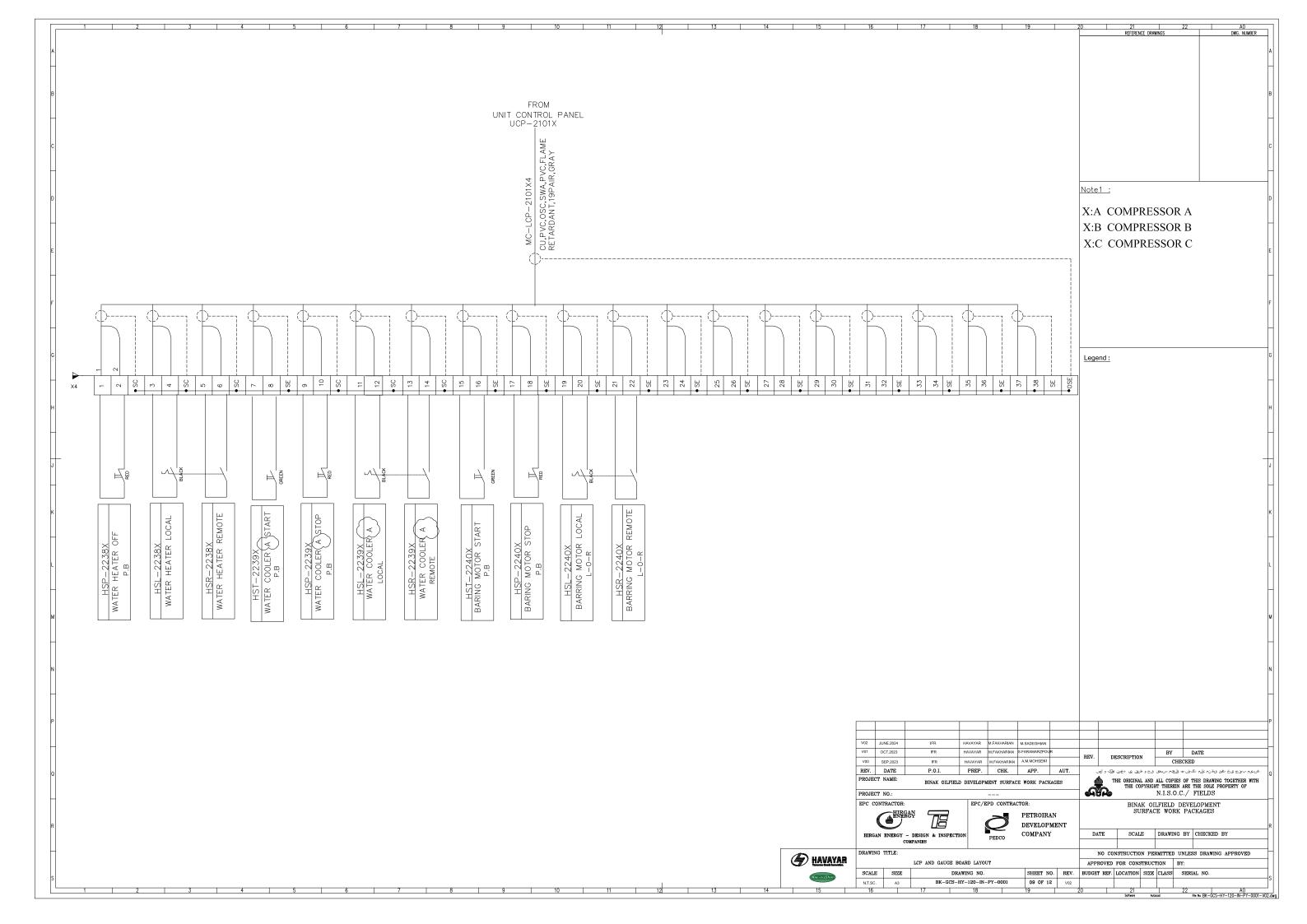


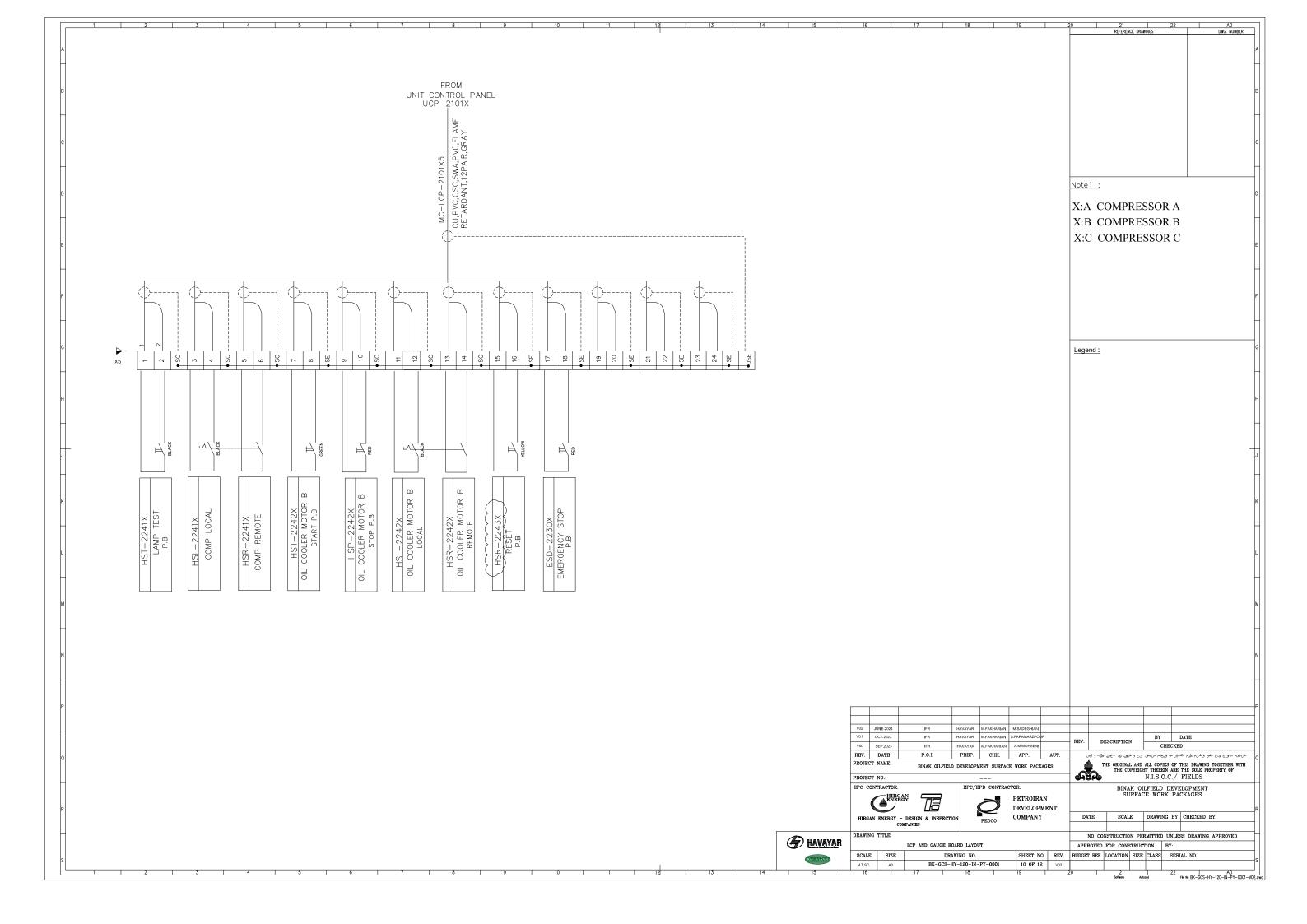


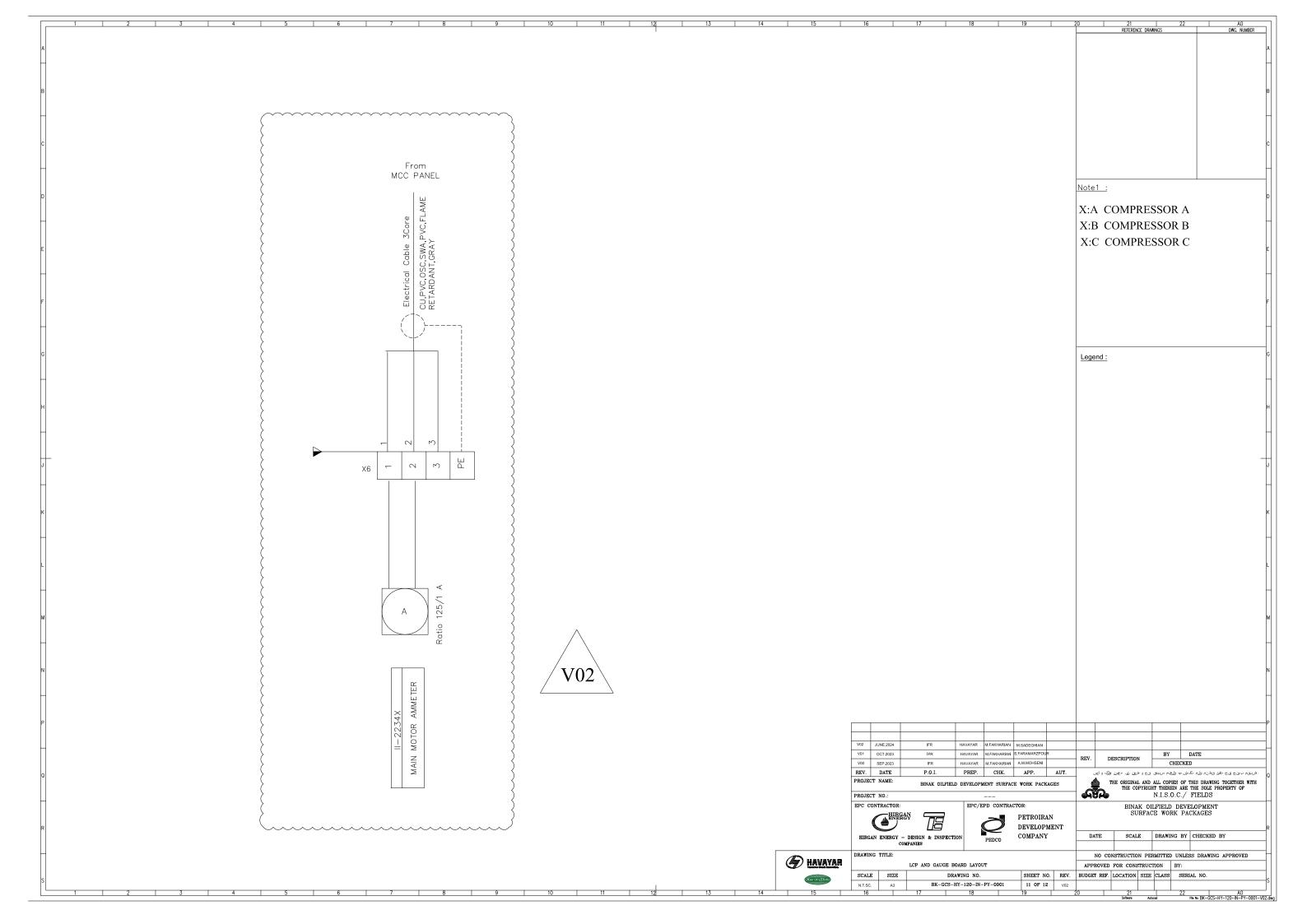












This list is not Spare parts to be compatible with counted in MTO. schematic page HY reply:Spare part documer 2. to be s separate in VPIS. Spare of LCP will be considered in modifNoted.Added lated doc. PART LIST Description Manufacturer Origin 1 Ex d IIB+H2 T4 Enclosure FCP241 (1x Window 60x60 mm) S.E.M.C Iran Discrepancy with 2 Ex d IIB+H2 T4 Enclosure FCP241 3 S.E.M.C Note1 : Iran page 2. HY reply: That is correct . color 3 Ex d IIB+H2 Signal Lamp (Red) 24VDC S.E.M.C Iran X:A COMPRESSOR A of drawing is not correct. one lamp is yellow. X:B COMPRESSOR B 4 Ex d IIB+H2 Signal Lamp (Green) 24VDC S.E.M.C 13 Iran X:C COMPRESSOR C 5 Ex d IIB+H2 Signal Lamp (Yellow) 24VDC S.E.M.C Iran 6 Ex d IIB+H2 Selector Switch 3Position LOR 11 S.E.M.C Iran Ex d IIB+H2 Push Button (Spring Return) Green (1NO+1NC) S.E.M.C Iran 8 Ex d IIB+H2 Push Button (Spring Return) Red (1NO+1NC) 11 S.E.M.C Iran 9 Ex d IIB+H2 Emergency Stop, Mushroom Head, Stay pot (push & pull) Red (1NO+1NC) lockable S.E.M.C Iran 10 Ex d IIB+H2 Push Button (Spring Return) Yellow (1NO+1NC) S.E.M.C Legend: 11 Ex d IIB+H2 Selector Switch 2Position 1Pole (0-1) S.E.M.C Iran 12 Ammeter "Ziegler DE72" 0~125A/CT1A Class 1.5 (Equipped with red line & 6time) Ziegler Germany 13 Ex d IIB+H2 Push Button "LAMP TEST" (Spring Return) Black (1NO+1NC) S.E.M.C Iran 14 179 Terminal 2.5 mm<sup>2</sup> RAAD Iran 15 | Earth Terminal 2.5 mm<sup>2</sup> 94 RAAD Iran 16 Ex d IIC Cable Gland M50 Type 453-4M (Armoured) BOTTOM OF JB S.E.M.C Iran 17 Ex d IIC Plug M50 (Type 800) (Armoured) BOTTOM OF JB 2 S.E.M.C Iran 18 Ex d IIC Plug M40 (Type 800) BOTTOM OF JB S.E.M.C Iran Ex d IIC Cable Gland M40 Type 453-4M (Armoured) BOTTOM OF JB 19 S.E.M.C Iran 20 Ex d IIC Cable Gland M25 (Armoured) BOTTOM OF JB S.E.M.C Iran 21 Ex d IIC Plug M25 (Type 800) S.E.M.C Iran 22 Silicone Wire SIMCO Iran V02 JUNE.2024 V01 OCT.2023 BY DATE V00 SEP 2023 HAVAYAR M FAKHARIAN A.M.MOHSENI CHECKED REV. DATE P.0.I. PREP. CHK. APP. AUT. ۔ شریعیم باورج ٹیخ نظین قیطان، کلیم نگماؤں بھا قلیزجم سربنتی فرح و شرقین ری اکس فلکہ و ایس THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF PROJECT NAME: BINAK OILFIELD DEVELOPMENT SURFACE WORK PACKAGES N.I.S.O.C./ FIELDS PROJECT NO.: EPC/EPD CONTRACTOR BINAK OILFIELD DEVELOPMENT SURFACE WORK PACKAGES EPC CONTRACTOR HIRGAN PETROIRAN DEVELOPMENT SCALE DRAWING BY CHECKED BY HIRGAN ENERGY - DESIGN & INSPECT DATE COMPANY DRAWING TITLE: NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED # HAVAYAR APPROVED FOR CONSTRUCTION BY: SCALE SIZE DRAWING NO. SHEET NO. REV. BUDGET REF. LOCATION SIZE CLASS SERIAL NO. BK-GCS-HY-120-IN-PY-0001 12 OF 12 V02