

INSTALLATION DETAIL & NOTES FOR CONNECTION OHL TO GANTRIES FOR WELLS

NOTES

ELECTRICAL EQUIPMENT WILL BE INSTALLED ON GANTRIES BYHEL STRUCTURES AS PER RELATED SINGLE LINE DIAGRAMS.





TABLE OF MIN. CLEARANCES (m)

1	MINIMUM HEIGHT (MINIMUM)	30.00
2	MINIMUM HEIGHT (MINIMUM)	30
3	MINIMUM HEIGHT OF THE TOWER OF ALL PARTS TYPE OF INSULATOR REGULATED FROM GROUND	2.80
4	MINIMUM CLEARANCE BETWEEN WIRE PARTS OR GANTRY STRUCTURE	0.4
5	MINIMUM CLEARANCE BETWEEN GANTRY PARTS OF SUPPORT STRUCTURE FROM WIRE PARTS	0.5
6	MINIMUM HEIGHT OF DEPENDENT TOWER ABOVE GROUND	21
7	MINIMUM CLEARANCE BETWEEN OF WIRE PARTS	2.2
8	MINIMUM VERTICAL CLEARANCE OF OVERHEAD LINE ABOVE GROUND	7
9	MINIMUM HEIGHT WITH CLEARANCE FROM THE GROUND	2

LEGEND

REFERENCE DRAWING
OVERALL SINGLE LINE DIAGRAM OF WELL PAD BK-SRGL-PEDCO-110-IL-BL-000

KEY PLAN

D00	FEB.2020	APC	K.MALIK	M.FARHANI	M.HOSSEINI	** **																																					
D01	JUL.2022	IPC	K.MALIK	M.FARHANI	M.HOSSEINI	** **	REV.	DESCRIPTION	BY	DATE	BY	DATE	CHECKED	REV. APPR.																													
REV.	DATE	P.O.L.I.F	PREP.	CHK.	APP.	AUT.	<p style="text-align: center;">  THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS </p>																																				
PROJECT NO.:			971020																																								
EPC CONTRACTOR:			  HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES																																								
EPD/EPC CONTRACTOR (CO):			 PETROIRAN DEVELOPMENT COMPANY																																								
DRAWING TITLE:			INSTALLATION DETAIL & NOTES FOR CONNECTION OHL TO GANTRIES FOR WELLS																																								
APPROVED FOR CONSTRUCTION BY:			DATE: _____ SCALE: _____ DRAWING BY: _____ CHECKED BY: _____ PROJECT ENG. _____																																								
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED																																											
(VENDOR TITLE BLOCK)**			<table border="1"> <tr> <th>SCALE</th> <th>SIZE</th> <th>DRAWING NO.</th> <th>SHEET NO.</th> <th>REV.</th> <th>BUDGET REF.</th> <th>LOCATION</th> <th>SIZE</th> <th>CLASS</th> <th>SERIAL NO.</th> <th>SHEET</th> <th>REVISION</th> </tr> <tr> <td>N/A</td> <td>A3</td> <td>BK-SRGL-PEDCO-110-IL-DW-0002</td> <td>1 OF 7</td> <td>D03</td> <td>003-070-9104</td> <td>F</td> <td>2</td> <td>P</td> <td>707460</td> <td>1 OF 7</td> <td>D03</td> </tr> </table>																	SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.	BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION	N/A	A3	BK-SRGL-PEDCO-110-IL-DW-0002	1 OF 7	D03	003-070-9104	F	2	P	707460	1 OF 7	D03
SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.	BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION																																
N/A	A3	BK-SRGL-PEDCO-110-IL-DW-0002	1 OF 7	D03	003-070-9104	F	2	P	707460	1 OF 7	D03																																

SHEET	DESCRIPTION	REV					
		00	01	02	03		
1	COVERING SHEET						
2	INDEX						
3	EXTENSION OF GAS COMPRESSOR STATION GANTRY (FOR WELL No.W007,W046)-PLAN						
4	EXTENSION OF GAS COMPRESSOR STATION GANTRY (FOR WELL No.W007,W046)-SECTION						
5	T-OFF CONNECTION IN TOWER No. 9 (FOR WELL No. BK12-15-05)						
6	CONNECTION IN CLUSTER TO GUREH OHL (FOR WELL No. BK14 & OPERATION UNIT)						
7	EQUIPMENT FOR OUTDOOR SUBSTATION ALL WELL (BK12,15,05,14,W007,W046)						

NOTES

ELECTRICAL EQUIPMENT WILL BE INSTALLED ON GANTRISSES BYHEL STRUCTURES AS PER RELATED SINGLE LINE DIAGRAMS.

TABLE OF MIN. CLEARANCES (m)

NO	DESCRIPTION	MIN. CLEARANCE (m)
1	MINIMUM HEIGHT FROM GROUND	30.00
2	MINIMUM HEIGHT FROM ROOF	30.00
3	MINIMUM HEIGHT OF THE TOP OF ALL PARTS OF INSULATED STRUCTURES FROM GROUND	3.00
4	MINIMUM CLEARANCE BETWEEN OVERHEAD LINES OR OVERHEAD LINES AND GANTRISSES	6.00
5	MINIMUM CLEARANCE BETWEEN OVERHEAD LINES AND GANTRISSES FROM THE TOP OF THE TOWER	6.00
6	MINIMUM CLEARANCE OF OVERHEAD LINES FROM ROADS	5.10
7	MINIMUM CLEARANCE FROM THE TOP OF THE TOWER	5.10
8	MINIMUM CLEARANCE OF OVERHEAD LINES FROM ROADS	5.10
9	MINIMUM CLEARANCE FROM THE TOP OF THE TOWER	5.10

LEGEND

LSB : LOAD BREAK SWITCH
 CBS : CIRCUIT BREAKER
 LA : LIGHTNING ARRESTER
 COP : CUM DOW PILE
 DS/RS : DISCONNECT SWITCH (SWITCH)

REFERENCE DRAWING

OVERALL SINGLE LINE DIAGRAM OF WELL PAD (BK-12/15-05)-110 KV-BU-000

KEY PLAN

REV.	DESCRIPTION	BY	DATE	BY	DATE
REV.	DESCRIPTION	CHECKED	REV. APPR.		

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PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES GENERAL

PROJECT NO.: 971020

EPC CONTRACTOR: HIRASAN ENERGY - DESIGN & INSPECTION COMPANIES

EPD/EPC CONTRACTOR (CO): PETROIRAN DEVELOPMENT COMPANY

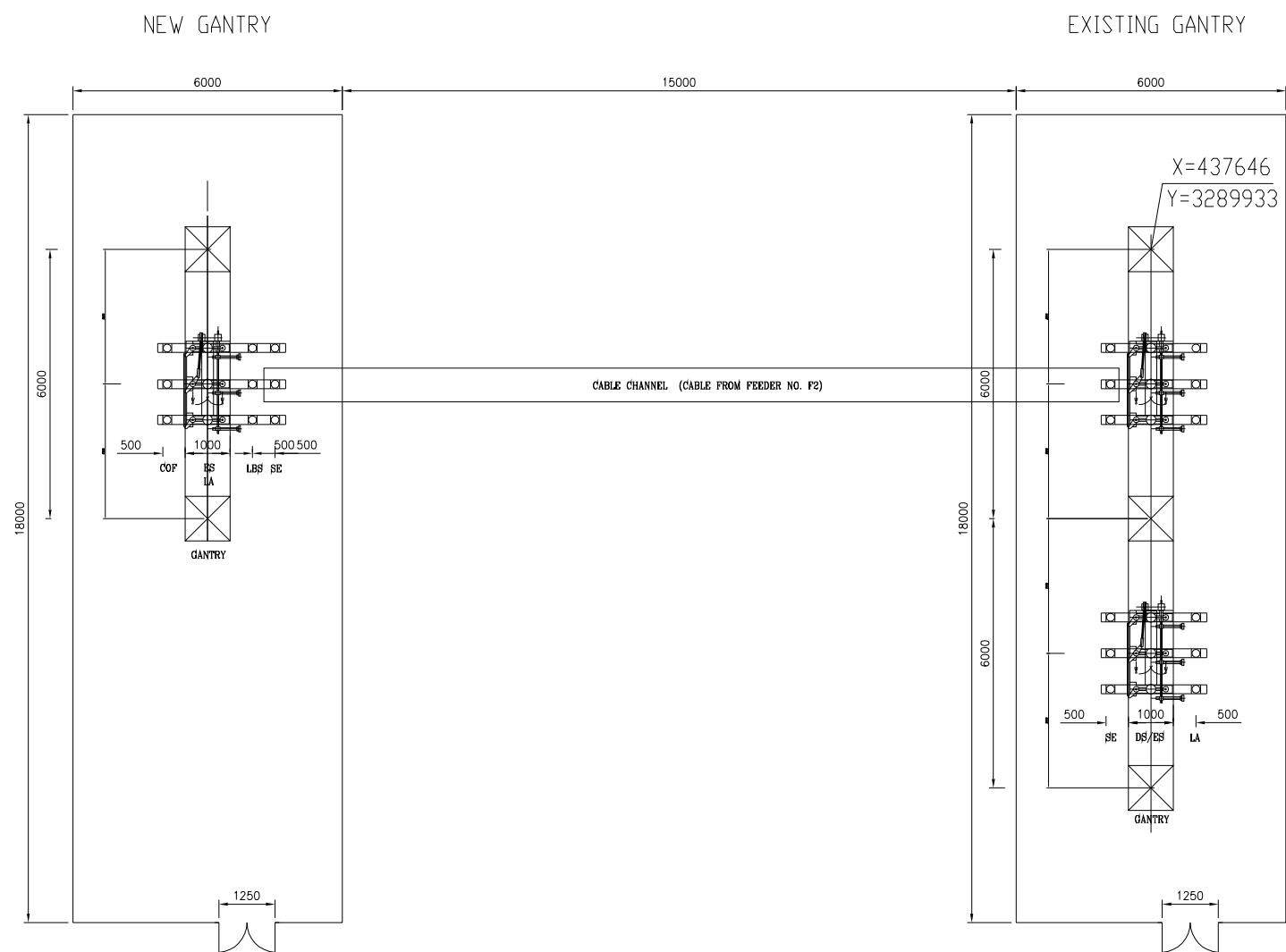
BINAK OILFIELD DEVELOPMENT SUB-SURFACE WORK PACKAGES GENERAL

DATE SCALE DRAWING BY CHECKED BY PROJECT ENG.

DRAWING TITLE: NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

INSTALLATION DETAIL & NOTES FOR CONNECTION OHL TO GANTRISSES FOR WELLS APPROVED FOR CONSTRUCTION BY: DATE:

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.	BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION		
N/A	A3	BK-12/15-05-14-W007-W046	2	OP 7	D03	003-073-914	F	2	P	707460	2	OP 7	D03



NOTES

ELECTRICAL EQUIPMENT WILL BE INSTALLED ON GANTRIES BY THE STRUCTURES AS PER RELATED SINGLE LINE DIAGRAMS.

TABLE OF MIN. CLEARANCES (m)

1	MINIMUM HEIGHT FROM GROUND	30.00
2	HIGHEST POINT OF OVERHEAD LINE	30.00
3	MINIMUM CLEARANCE FROM TOP OF ANY STRUCTURE OR EQUIPMENT TO THE LOWEST POINT OF OVERHEAD LINE	5.00
4	MINIMUM CLEARANCE FROM TOP OF ANY STRUCTURE OR EQUIPMENT TO THE LOWEST POINT OF OVERHEAD LINE FROM JOINTS	6.00
5	MINIMUM CLEARANCE FROM TOP OF ANY STRUCTURE OR EQUIPMENT TO THE LOWEST POINT OF OVERHEAD LINE FROM JOINTS	6.00
6	MINIMUM CLEARANCE FROM TOP OF ANY STRUCTURE OR EQUIPMENT TO THE LOWEST POINT OF OVERHEAD LINE FROM JOINTS	6.00
7	MINIMUM CLEARANCE FROM TOP OF ANY STRUCTURE OR EQUIPMENT TO THE LOWEST POINT OF OVERHEAD LINE FROM JOINTS	6.00
8	MINIMUM CLEARANCE FROM TOP OF ANY STRUCTURE OR EQUIPMENT TO THE LOWEST POINT OF OVERHEAD LINE FROM JOINTS	6.00
9	MINIMUM CLEARANCE FROM TOP OF ANY STRUCTURE OR EQUIPMENT TO THE LOWEST POINT OF OVERHEAD LINE FROM JOINTS	6.00

LEGEND

LBS : LOAD BREAK SWITCH
 CBS : CIRCUIT BREAKER
 LA : LIGHTNING ARRESTER
 COP : CUMMINS PUMP
 DS/ES : DISCONNECT SWITCH

REFERENCE DRAWING

OVERALL SINGLE LINE DIAGRAM OF WELL PAD BK-BEGRM-PEDCO-110-10-000

KEY PLAN

EXTENSION OF GAS COMPRESSOR STATION GANTRY
 (FOR WELL No. W007,W046)
 PLAN

REV.	DATE	DESCRIPTION	BY	DATE	BY	DATE
DDO	FEB.2008	APC	E. BALUCH	M. FARHANI	M. FARHANI	02.02.08
DDO	DEC.2008	APC	E. BALUCH	M. FARHANI	M. FARHANI	02.02.08
DDO	JUL.2008	IPC	E. BALUCH	M. FARHANI	M. FARHANI	02.02.08
DDO	MAR.2008	IPC	E. BALUCH	M. FARHANI	M. FARHANI	02.02.08

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES GENERAL

PROJECT NO.: 071020

EPC CONTRACTOR: HIRSHAN ENERGY - DESIGN & INSPECTION COMPANIES

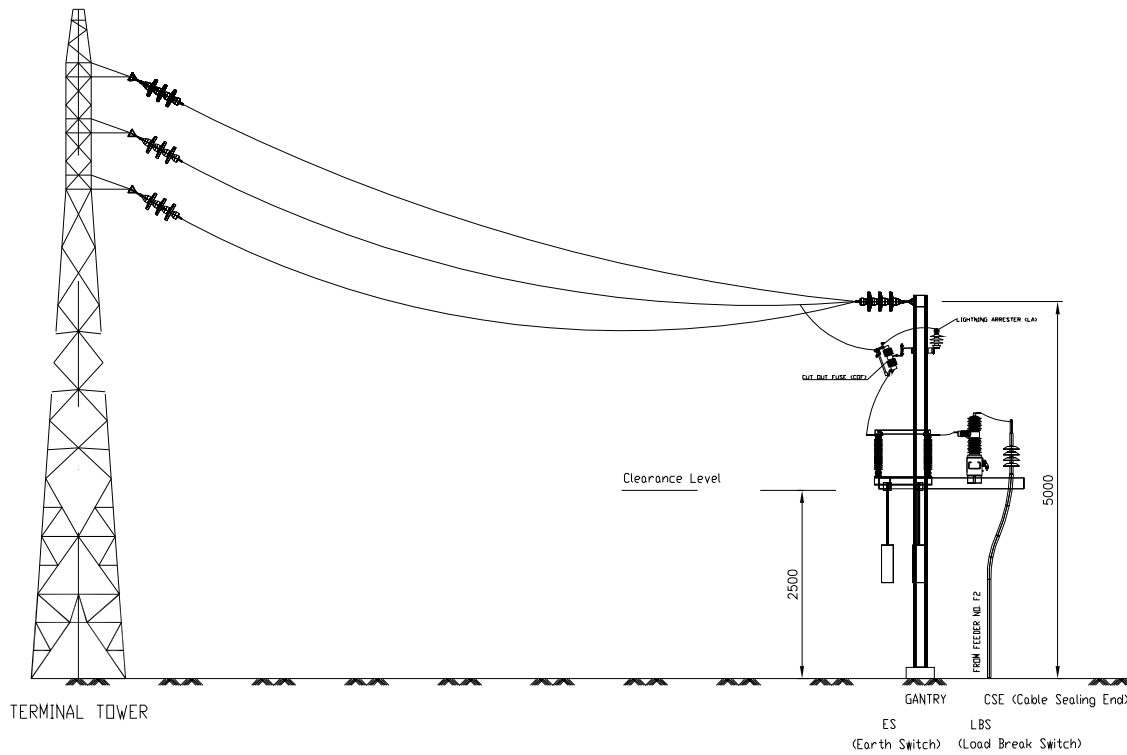
EPD/EPC CONTRACTOR (CO): PETROIRAN DEVELOPMENT COMPANY

DATE: _____ SCALE: _____ DRAWING BY: _____ CHECKED BY: _____

DRAWING TITLE: INSTALLATION DETAIL & NOTES FOR CONNECTION OHL TO GANTRIES FOR WELLS

(VENDOR TITLE BLOCK)**

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.	BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION		
NWS	A3	BK-BEGRM-PEDCO-110-00-000	3	07	D03	003-073-004	F	2	P	707460	3	07	D03



EXTENSION OF GAS COMPRESSOR STATION GANTRY
(FOR WELL No. W007,W046)
SECTION

NOTES

ELECTRICAL EQUIPMENT WILL BE INSTALLED ON CANTILEVER STRUCTURES AS PER RELATED SINGLE LINE DIAGRAMS.

TABLE OF MIN. CLEARANCES (m)

1	MINIMUM HEIGHT FROM GROUND	30.00
2	MINIMUM HEIGHT FROM GROUND	30
3	MINIMUM HEIGHT OF THE TOWER AT ALL POINTS TYPE OF INSULATOR REGULATOR FROM GROUND	2.80
4	MINIMUM CLEARANCE BETWEEN WIRE PARTS OR CONDUCTOR PARTS	0.4
5	MINIMUM CLEARANCE BETWEEN CONDUCTOR PARTS OF DIFFERENT PHASES FROM WIRE PARTS	0.65
6	MINIMUM CLEARANCE OF OVERHEAD WIRE FROM GROUND	2.1
7	MINIMUM CLEARANCE OF OVERHEAD WIRE FROM ROAD	2.2
8	MINIMUM CLEARANCE OF OVERHEAD WIRE FROM TELEPHONE	7
9	MINIMUM CLEARANCE BETWEEN WIRE AND CONDUCTOR	2

LEGEND

LBS : LOAD BREAK SWITCH
CSE : CABLE SEALING END
LA : LIGHTNING ARRESTER
COP : CUW DOW PLUMB
DB/RS : DISCONNECT SWITCH SWITCH

REFERENCE DRAWING

OVERALL SINGLE LINE DIAGRAM OF WELL PAD BK-SPGRM-PEDCO-110-1B-BU-000

KEY PLAN

REV.	DATE	DESCRIPTION	CHECKED	REV. APPR.
DDO	FEB.2002	APC	E. BALUCH	M. JAFARIAN
DDO	DEC.2002	APC	E. BALUCH	M. JAFARIAN
DDI	JUL.2002	IPC	E. BALUCH	M. JAFARIAN
DDO	MAR.2002	IPC	E. BALUCH	M. JAFARIAN

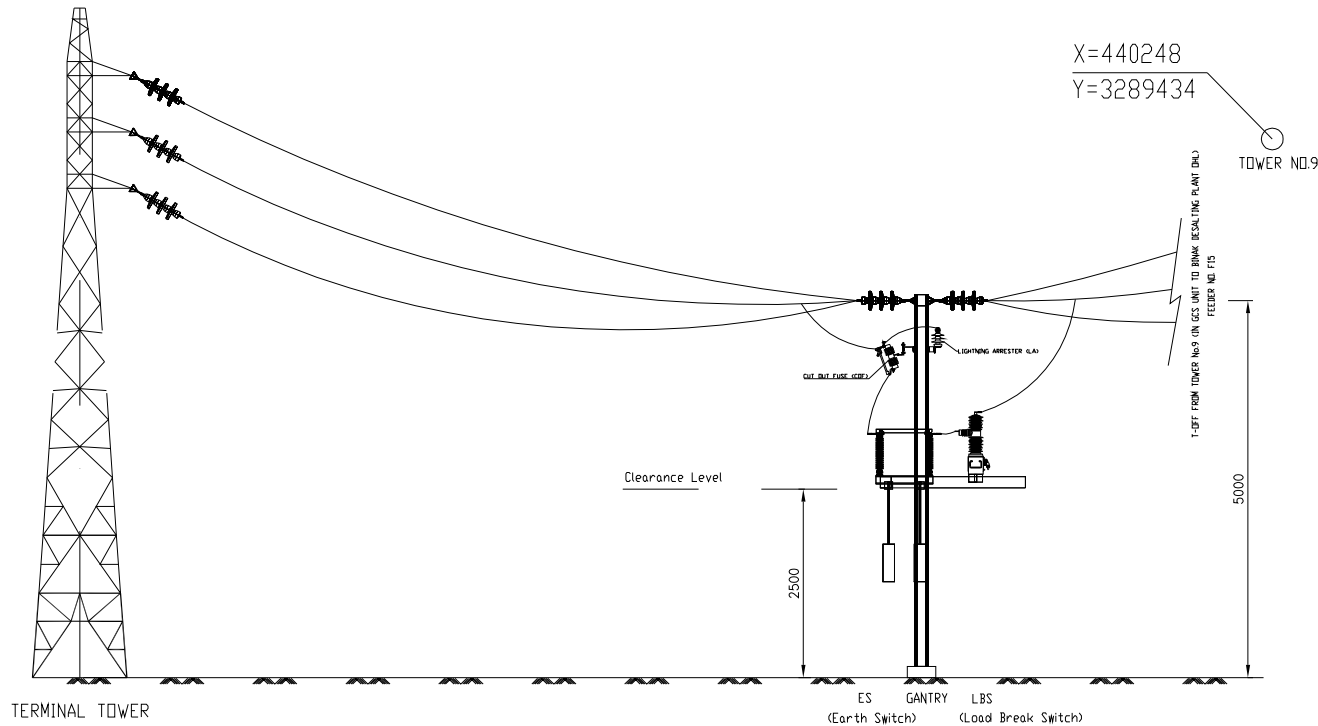
PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES GENERAL
PROJECT NO.: 971020
EPD/SPC CONTRACTOR (GO): PETROIRAN DEVELOPMENT COMPANY
HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES

امیر و کله بی این فیلد و سو اکتیو مکتوب به شرکت ملی نفت ایران در تاریخ ۰۱/۰۱/۰۰۰۰
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DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

DRAWING TITLE: INSTALLATION DETAIL & NOTES FOR CONNECTION OHL TO GANTRYS FOR WELLS
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.	BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	DATE
NWS	A3	BK-SPGRM-PEDCO-110-1B-DW-000	4	OP 7	D03	003-073-9104	F	2	P	707460



T-OFF CONNECTION IN TOWER No. 9 (GCS UNIT TO BINAK DESALTING PLANT OHL)
(FOR WELL No. BK12-15-05)

NOTES

ELECTRICAL EQUIPMENT WILL BE INSTALLED ON CANTILEVER STRUCTURES AS PER RELATED SINGLE LINE DIAGRAMS.

TABLE OF MIN. CLEARANCES (m)

1	MINIMUM HEIGHT FROM GROUND	33.71
2	HIGHEST FEEDER FROM GROUND	30
3	MINIMUM HEIGHT OF THE TOWER AT ALL POINTS OF SUPPORT OR SPAN FROM GROUND	33.80
4	MINIMUM CLEARANCE BETWEEN FEEDERS OF SAME TOWER	6.1
5	MINIMUM CLEARANCE BETWEEN FEEDERS OF DIFFERENT TOWERS FROM GROUND	6.5
6	MINIMUM CLEARANCE OF OVERHEAD FEEDER FROM ANY OBJECT	3.1
7	MINIMUM CLEARANCE OF OVERHEAD FEEDER FROM ANY OBJECT	3.2
8	MINIMUM CLEARANCE OF OVERHEAD FEEDER FROM ANY OBJECT	3
9	MINIMUM CLEARANCE BETWEEN FEEDERS OF DIFFERENT TOWERS	3

LEGEND

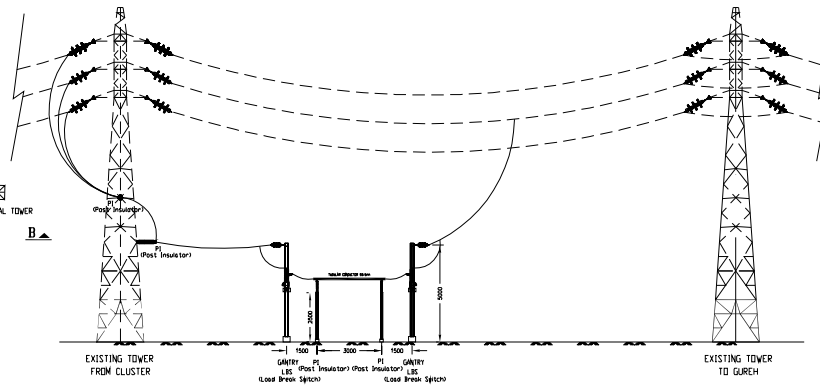
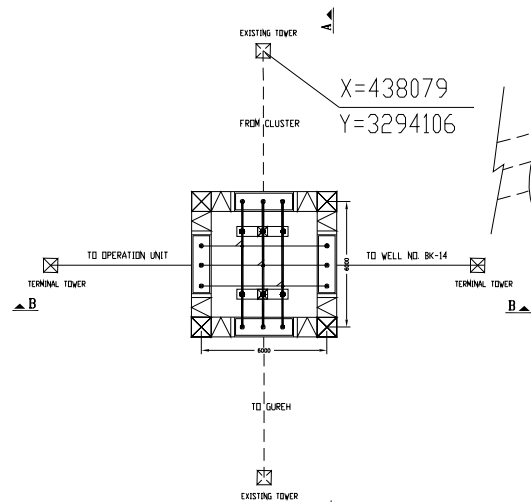
LBS : LOAD BREAK SWITCH
 CBS : CABLE BREAKING END
 LA : LIGHTNING ARRESTER
 COP : CUM CUM FIBRE
 DB/RS : DISCONNECT SWITCH (SWITCH)

REFERENCE DRAWING

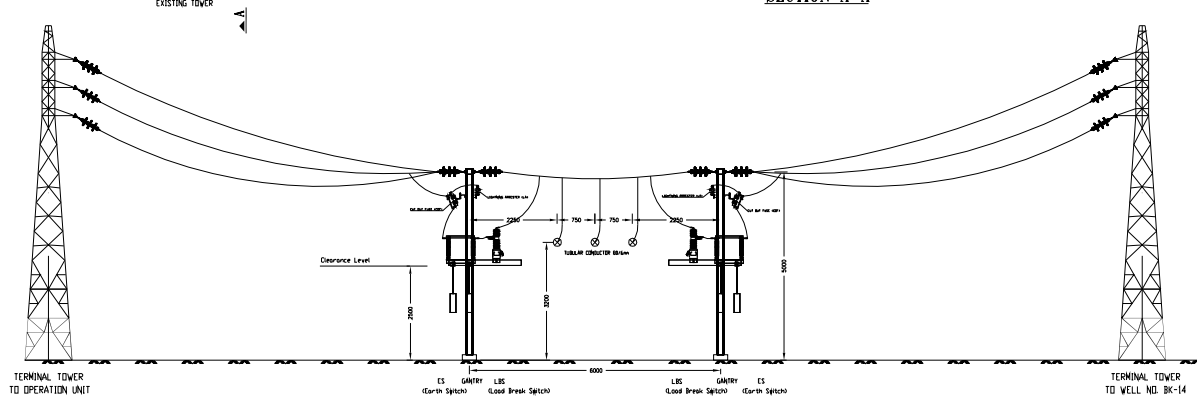
OVERALL SINGLE LINE DIAGRAM OF WELL PAD BK-SPGRIL-PEDCO-110-15-05-000

KEY PLAN

D00	FEB-2000	APC	K.MALIK	M.FARHANI	M.HOSSEINI	***													
D02	DEC-2002	APC	K.MALIK	M.FARHANI	M.HOSSEINI	***													
D01	JUL-2002	IPF	K.MALIK	M.FARHANI	M.HOSSEINI	***													
D00	MAR-2002	IPC	K.MALIK	M.FARHANI	M.HOSSEINI	***	REV.	DESCRIPTION	BY	DATE	BY	DATE							
REV.	DATE	P.O.I.F	PREP.	CHK.	APP.	AUT.													
PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES GENERAL													<p>THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C. / FIELDS</p>						
PROJECT NO.: 071020													<p>BINAK OILFIELD DEVELOPMENT SUB-SURFACE WORK PACKAGES GENERAL</p>						
EPD CONTRACTOR: HIRSAN ENERGY - DESIGN & INSPECTION COMPANIES						EPD/EPC CONTRACTOR (GO): PETROIRAN DEVELOPMENT COMPANY						<p>DATE SCALE DRAWING BY CHECKED BY PROJECT ENG.</p>							
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APPROVED FOR CONSTRUCTION BY:													DATE:						
BUDGET REF. LOCATION SIZE CLASS SERIAL NO. SHEET REVISION													BUDGET REF. LOCATION SIZE CLASS SERIAL NO. SHEET REVISION						
NWS AS BK-SPGRIL-PEDCO-110-15-05-000 6 OF 7 D03 003-070-9104 P 2 P 707460 6 OF 7 D03													NWS AS BK-SPGRIL-PEDCO-110-15-05-000 6 OF 7 D03 003-070-9104 P 2 P 707460 6 OF 7 D03						



SECTION A-A



SECTION B-B

CONNECTION IN CLUSTER TO GUREH OHL
(FOR WELL No. BK14 & OPERATION UNIT)

NOTES

ELECTRICAL EQUIPMENT WILL BE INSTALLED ON CANTILEVER TYPE STRUCTURES AS PER RELATED SINGLE LINE DIAGRAMS.

TABLE OF MIN. CLEARANCES (m)

NO	DESCRIPTION	MIN. CLEARANCE (m)
1	MINIMUM HEIGHT FROM GROUND	30.00
2	MINIMUM HEIGHT FROM ROAD	30.00
3	MINIMUM HEIGHT OF THE TOWER AT ALL POINTS OF THE TOWER OR INSULATOR FROM GROUND	32.00
4	MINIMUM CLEARANCE BETWEEN OVERHEAD LINES OR CANTILEVER STRUCTURE	6.00
5	MINIMUM CLEARANCE BETWEEN OVERHEAD LINES OR CANTILEVER STRUCTURE FROM BUILDING	6.00
6	MINIMUM CLEARANCE OF OVERHEAD LINES FROM ROADS	3.10
7	MINIMUM CLEARANCE OF OVERHEAD LINES FROM ROADS	3.20
8	MINIMUM CLEARANCE OF OVERHEAD LINES FROM ROADS	3.00
9	MINIMUM CLEARANCE BETWEEN OVERHEAD LINES	3.00

LEGEND

LBS : LOAD BREAK SWITCH
CBS : CABLE BREAKING END
LA : LIGHTNING ARRESTER
COP : CUM DUTY PILE
DB/RS : DISCONNECT SWITCH (SWITCH)

REFERENCE DRAWING

OVERALL SINGLE LINE DIAGRAM OF WELL PAD BK-14/001-PEDCO-110-IL-BU-000

KEY PLAN

NO	DATE	DESCRIPTION	BY	DATE	BY	DATE
DDO	FEB.2002	APC	ILMALKHA	MJANSHARIAN	MJANSHARIAN	02.02.02
DDO	DEC.2002	APC	ILMALKHA	MJANSHARIAN	MJANSHARIAN	02.12.02
DDO	JUL.2002	IPC	ILMALKHA	MJANSHARIAN	MJANSHARIAN	02.07.02
DDO	MAR.2002	IPC	ILMALKHA	MJANSHARIAN	MJANSHARIAN	02.03.02

PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES GENERAL

PROJECT NO.: 071020

EPC CONTRACTOR: MIRAN ENERGY - DESIGN & INSPECTION COMPANIES

EPD/SFC CONTRACTOR (GO): PETROIRAN DEVELOPMENT COMPANY

DRAWING TITLE: INSTALLATION DETAIL & NOTES FOR CONNECTION OHL TO GANTRIS FOR WELLS

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.	BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
NWS	A3	BK-14/001-PEDCO-110-IL-DW-0002	6	OP 7	D03	003-073-014	F	2	P	707460	6 OP 7 D03

امیر و کلیه نسخ این نقشه و سواش نقشه متعلق به شرکت ملی نفت ایران است. هر کس این نقشه را بدون مجوز پدیدار کند، حقوق کپی رایت آن محفوظ است و به شرکت ملی نفت ایران تعلق دارد.

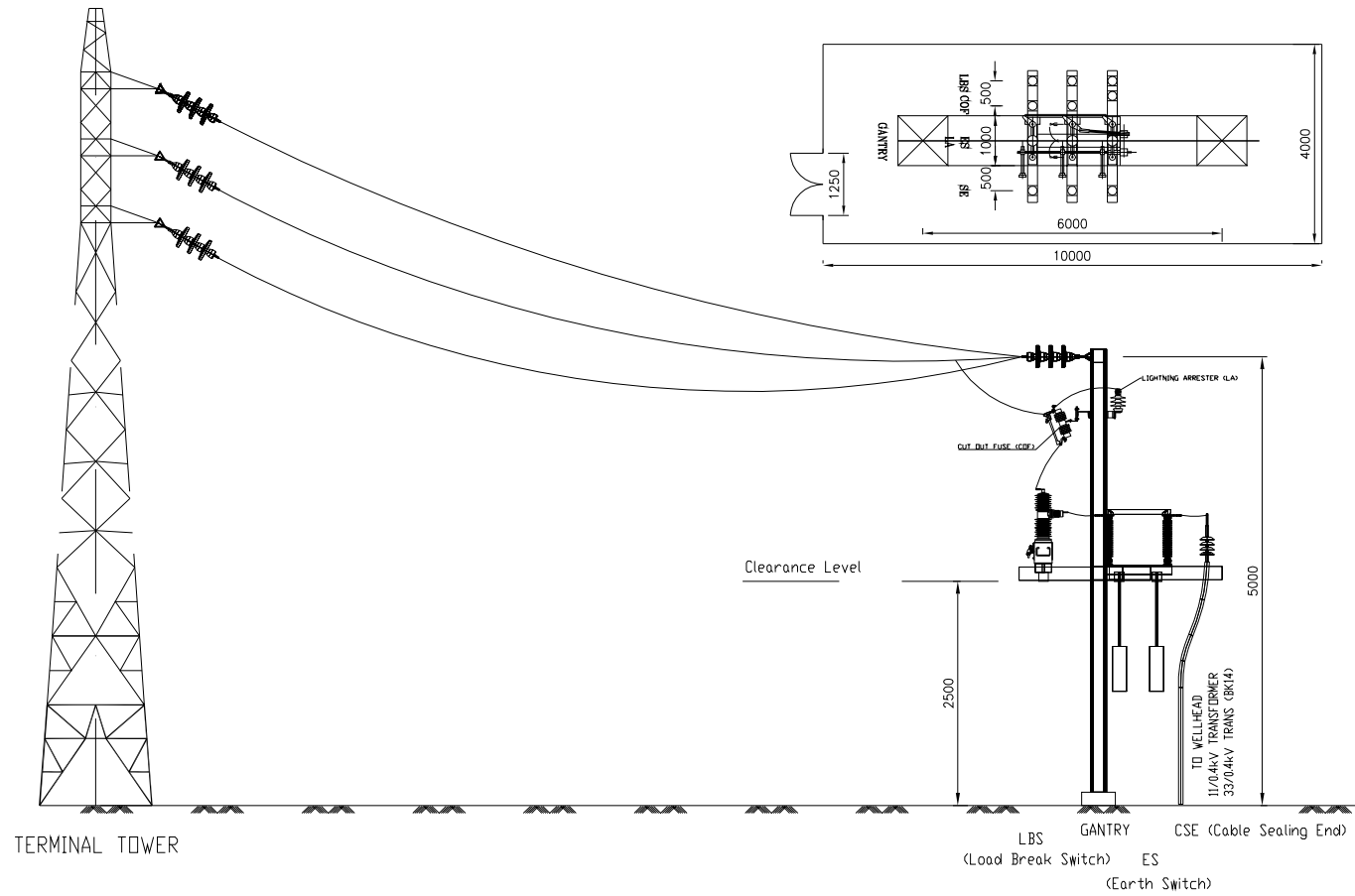
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BINAK OILFIELD DEVELOPMENT
SUB-SURFACE WORK PACKAGES
GENERAL

DATE SCALE DRAWING BY CHECKED BY PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION BY: DATE:



TERMINAL TOWER

EQUIPMENT FOR OUTDOOR SUBSTATION IN WELL No. BK12,15,05 & 14 AND WELL No. W007,W046

NOTES

ELECTRICAL EQUIPMENT WILL BE INSTALLED ON CANTILEVER STRUCTURES AS PER RELATED SINGLE LINE DIAGRAMS.

TABLE OF MIN. CLEARANCES (m)

1	MINIMUM HEIGHT (MIN)	33.21
2	HIGHEST HEIGHT (MIN)	32
3	MINIMUM HEIGHT OF THE TOWER AT ALL POINTS TYPE OR INSULATOR REGULATIONS FROM GROUND	2.80
4	MINIMUM CLEARANCE BETWEEN LIVE PARTS OR CONDUCTOR INSULATOR	0.47
5	MINIMUM CLEARANCE BETWEEN CONDUCTOR INSULATOR OF DIFFERENT PHASES FROM GROUND	0.65
6	MINIMUM HEIGHT OF CONDUIT FROM GROUND	2.1
7	MINIMUM HEIGHT BETWEEN PHASES OF LIVE CONDUCTOR BUSES	2.2
8	MINIMUM VERTICAL CLEARANCE OF OVERHEAD LINE FROM GROUND	7
9	MINIMUM HEIGHT FROM CONDUCTORS TO LIVE CONDUCTOR	2

LEGEND

LBS : LOAD BREAK SWITCH
 CSE : CABLE SEALING END
 LA : LIGHTNING ARRESTER
 COF : CUT OUT FUSE
 BK/RS : DISCONNECTOR (SWITCH)

REFERENCE DRAWING

OVERALL SINGLE LINE DIAGRAM OF WELL HEAD BK-12/15/05-110-14-BU-000

KEY PLAN

DOE	FEB.2005	APC	E.MALIK	M.FARHANI	M.HUSSEIN	** **												
DOE	DEC.2002	APC	E.MALIK	M.FARHANI	M.HUSSEIN	** **												
DOI	JUL.2002	IPC	E.MALIK	M.FARHANI	M.HUSSEIN	** **												
DDO	MAR.2002	IPC	E.MALIK	M.FARHANI	M.HUSSEIN	** **												
REV.	DATE	P.O.I.F	PREP.	CHK.	APP.	AUT.	REV.	DESCRIPTION	CHECKED	REV. APPR.								
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PROJECT NO.: 071020											<p>BINAK OILFIELD DEVELOPMENT SUB-SURFACE WORK PACKAGES GENERAL</p>							
EPC CONTRACTOR: HIRAN ENERGY - DESIGN & INSPECTION COMPANIES											<p>PETROIRAN DEVELOPMENT COMPANY</p>							
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SCALE	SIZE	DRAWING NO.			SHEET NO.	REV.	BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION					
NWS	A3	BK-12/15/05-110-14-BU-000			7 OF 7	D03	003-070-9104	F	2	P	707460	7 OF 7	D03					