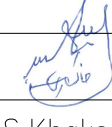
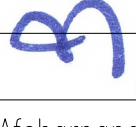
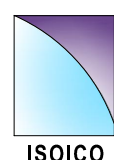


ELECTRICAL LIGHTING AND SMALL POWER
INSTALLATION STANDARDS

				<i>pourbordbari</i>		<i>K. Mehrdadi</i>		
D2	01.DEC.25	IFI	S.Khaksari	R.Pourbordbari	SH.Afsharpanah	K.Mehrdadi		
D1	04.FEB.25	IFI	R.Pourbordbari	M.Karimi	SH.Afsharpanah	K.Mehrdadi		
DO	20.MAY.24	IFI	R.Pourbordbari	G.Haghighattalab	F.Shamasblou	K.Mehrdadi		
REV.	DATE	PURPOSE OF ISSUE	PREP	CKD.	APP.	APPROVED	BY	DATE
ENGINEER						CONTRACTOR	COMPANY	
This document is the property of NIOC: it must NOT be stored, reproduced or disclosed to other without written authorization from the NIOC.								
 Pars Oil & Gas Company		SOUTH PARS GAS FIELD DEVELOPMENT PHASE 11 EPCI CONTRACT FOR TOPSIDE, ANCILLARIES & TRIPODS (SP11A)						 SLT INTERNATIONAL
DOCUMENT TITLE: ELECTRICAL LIGHTING AND SMALL POWER INSTALLATION STANDARDS								
PURPOSE OF ISSUE (CONTRACTOR STATUS): IFR: Issued for review-IFA:Issued for Approval- AFC: Approved for Construction-IFI : Issued for Information – ASB : As-built Class Code: 1=For Approval – 2=For Review – 3=For Information								
DISC: EL	E-FILE: SP11-10-D-15-8-235-D2					SHT. NO.: 01 OF 16		
SIZE: A1	FIELD	ZONE	STAGE	DISCIPLINE CODE	DOCUMENT TYPE	SEQUENTIAL NO.	REVISION	STATUS CLASS
SCALE: N.T.S	SP11	10	D	15	8	235	D2	IFI 3

LIGHTING STANDARDS

STANDARD No	DESIGNATION	SHEET
L01	STANCHION WALKAWAY MOUNTING	3
L02	STANCHION WALKAWAY MOUNTING	4
L03	BRACKET MOUNTING	5
L04	BRACKET MOUNTING	6
L05	UNDER STRUCTURE MOUNTING	7
L06	UNDER STRUCTURE MOUNTING	8
L07	PENDANT MOUNTING	9
L08	EMERGENCY LIGHT MOUNTING UNDER STRUCTURE	10
L09	FLOOD LIGHT MOUNTING ON STRUCTURE	11
L10	FLOOD LIGHT MOUNTING ON POLE	12
L11	CONVENIENCE OUTLET 230VAC-16A	13
L12	CEILING MOUNTED RECESSED FLUORESCENT LIGHT	14
L13	POLE MOUNTED FLUORESCENT LIGHTING	15
L14	PHOTOCELL UNIT MOUNTING	16

NOTES:

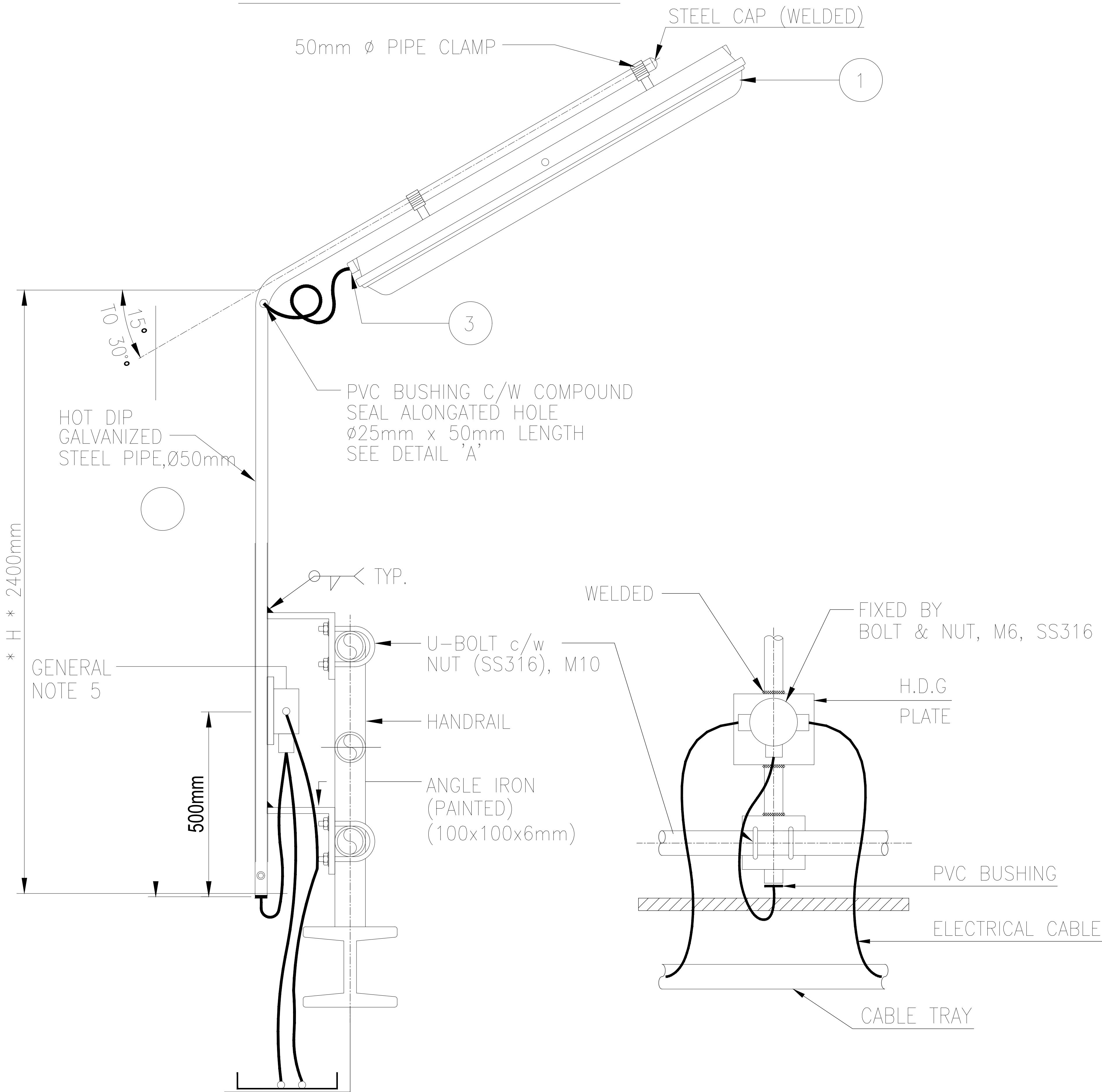
1. WHERE EVER CABLES ARE PASSING THROUGH DECKS THEY SHOULD BE PROTECTED BY KICK PIPES OR KICK PLATE.
2. ALL BRASS NUTS & BOLT SHALL BE SUITABLY PLATED (CADMIUM OR NICKEL PLATED)
3. CABLE BENDING RADIUS SHALL NOT BE LESS THAN THAT SPECIFIED BY THE CABLE MANUFACTURER.
4. LIGHTING CABLE RUNS CONSISTING OF TWO OR MORE CABLES SHALL BE FIXED TO CABLE TRAY, SINGLE CABLE CAN BE FIXED DIRECTLY TO STEEL WORK.
5. ALL UNUSED CABLE ENTRIES ON ELECTRICAL EQUIPMENT ARE TO BE PLUGGED USING CERTIFIED PLUGS. PLUGS ARE TO BE LIGHTLY GREASED BEFORE INSTALLATION.
6. THE TYPE OF FIXTURES SHOWN HERE ARE INDICATIVE ONLY. ACTUAL FIXTURES SHALL BE AS RELEVANT SPECIFICATION.
7. MATERIAL OF ALL SUPPORT SHALL BE HOT DIP GALVANIZED.
8. CABLE SHALL BE RUN IN CABLE TRAY OR CONDUIT ACCORDING TO PROPER INSTALLATION STANDARDS.
9. H.D.G : HOT DIP GALVANIZED (PAINTED)

								
D2	01.DEC.25	IFI	S.Khaksari	R.Pourbordbari	SH.Afsharpanah	K.Mehrdadi		
D1	04.FEB.25	IFI	R.Pourbordbari	M.Karimi	SH.Afsharpanah	K.Mehrdadi		
D0	20.MAY.24	IFI	R.Pourbordbari	G.Haghighattalab	F.Shamasblou	K.Mehrdadi		
REV.	DATE	PURPOSE OF ISSUE	PREP	CKD.	APP.	APPROVED	BY	DATE
				ENGINEER		CONTRACTOR	COMPANY	
This document is the property of NIOC; it must NOT be stored, reproduced or disclosed to other without written authorization from the NIOC.								
		SOUTH PARS GAS FIELD DEVELOPMENT PHASE 11 EPCI CONTRACT FOR TOPSIDE, ANCILLARIES & TRIPODS (SP11A)						 
DOCUMENT TITLE: ELECTRICAL LIGHTING AND SMALL POWER INSTALLATION STANDARDS								
PURPOSE OF ISSUE (CONTRACTOR STATUS): IFR: Issued for review-IFA:Issued for Approval-AFC: Approved for Construction-IFI : Issued for Information - ASB : As-built Class Code: 1=For Approval - 2=For Review - 3=For Information								
DISC: EL	E-FILE: SP11-10-D-15-8-235-D2			SHT. NO: 02 OF 16				
SIZE: A1	FIELD	ZONE	STAGE	DISCIPLINE CODE	DOCUMENT TYPE	SEQUENTIAL NO.	REVISION	STATUS CLASS
SCALE: N.T.S	SP11	10	D	15	8	235	D2	IFI 3

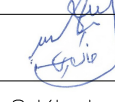
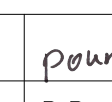
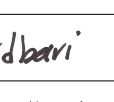
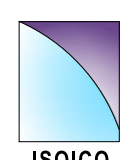
STANDARD N° L01

SYMBOL : 

STANCHION WALKWAY MOUNTING

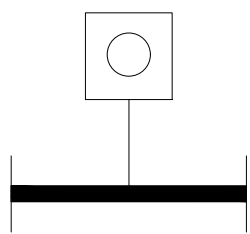


TYPE	QTY	DESCRIPTION
1	1	2x36W FLUORESCENT LIGHTING FIXTURE
2	1	LIGHTING JUNCTION BOX (IF ANY)
3	3	Ex'd' CABLE GLAND
4	1	50mm ϕ HOT DIP GALVANIZED STEEL PIPE, SCH. 80.

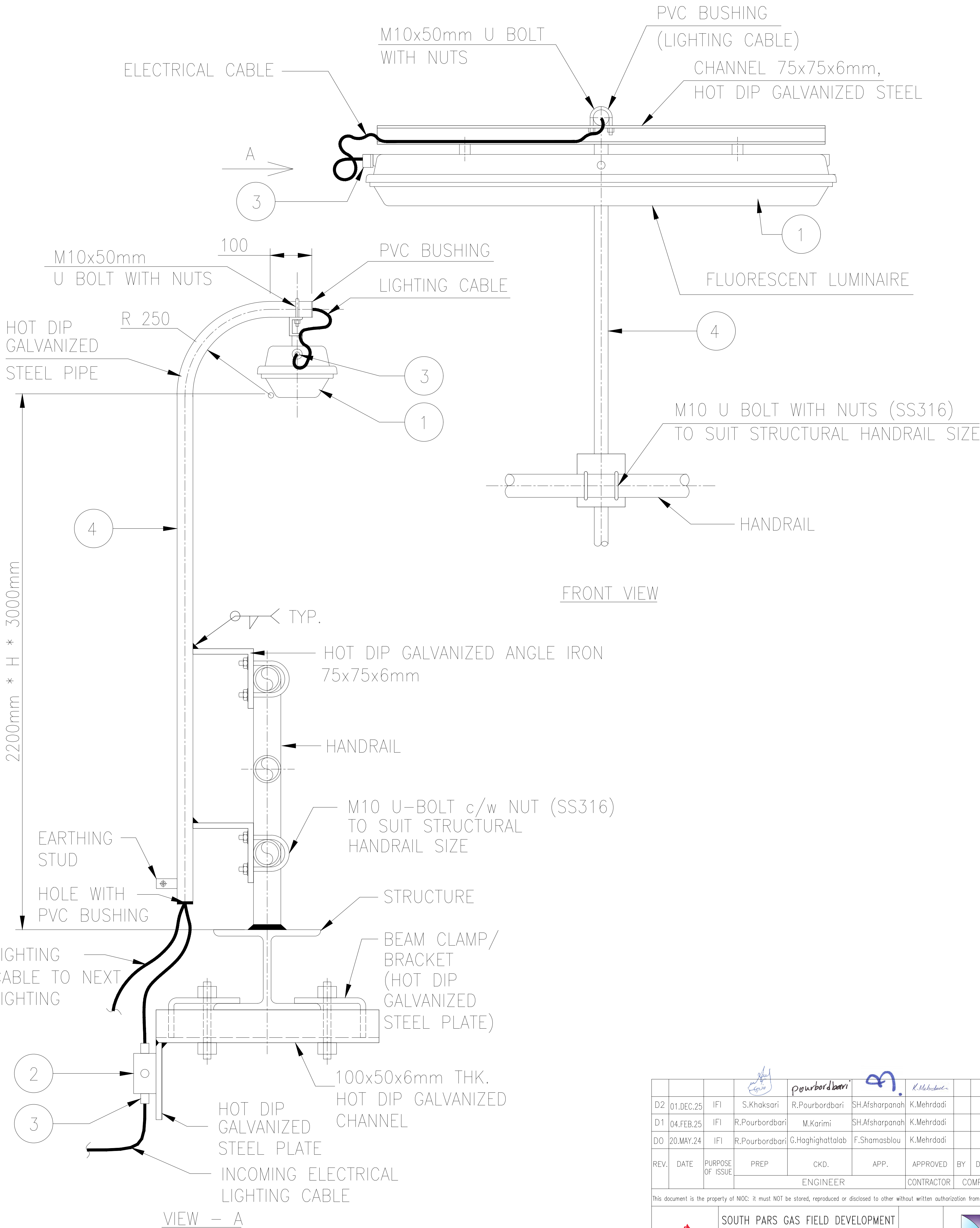
								
D2	01.DEC.25	IFI	S.Khaksari	R.Pourbordbari	SH.Afsharpanah	K.Mehrdadi		
D1	04.FEB.25	IFI	R.Pourbordbari	M.Karimi	SH.Afsharpanah	K.Mehrdadi		
DO	20.MAY.24	IFI	R.Pourbordbari	G.Haghighattalab	F.Shamasblou	K.Mehrdadi		
REV.	DATE	PURPOSE OF ISSUE	PREP	CKD.	APP.	APPROVED	BY	DATE
			ENGINEER			CONTRACTOR	COMPANY	
This document is the property of NIOC: it must NOT be stored, reproduced or disclosed to other without written authorization from the NIOC.								
 Pars Oil & Gas Company		SOUTH PARS GAS FIELD DEVELOPMENT PHASE 11 EPCI CONTRACT FOR TOPSIDE, ANCILLARIES & TRIPODS (SP11A)						
								
DOCUMENT TITLE:								
ELECTRICAL LIGHTING AND SMALL POWER INSTALLATION STANDARDS								
PURPOSE OF ISSUE (CONTRACTOR STATUS): IFR: Issued for review-IFA:Issued for Approval-AFC: Approved for Construction-IFI : Issued for Information – ASB : As-built Class Code: 1=For Approval – 2=For Review – 3=For Information								
DISC: EL		E-FILE: SP11-10-D-15-8-235-D2					SHT. NO.: 03 OF 16	
SIZE: A1	FIELD	ZONE	STAGE	DISCIPLINE CODE	DOCUMENT TYPE	SEQUENTIAL NO.	REVISION	STATUS CLASS
SCALE: N.T.S	SP11	10	D	15	8	235	D2	IFI 3

STANDARD N° L02

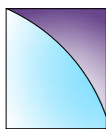
SYMBOL :



STANCHION WALKWAY MOUNTING



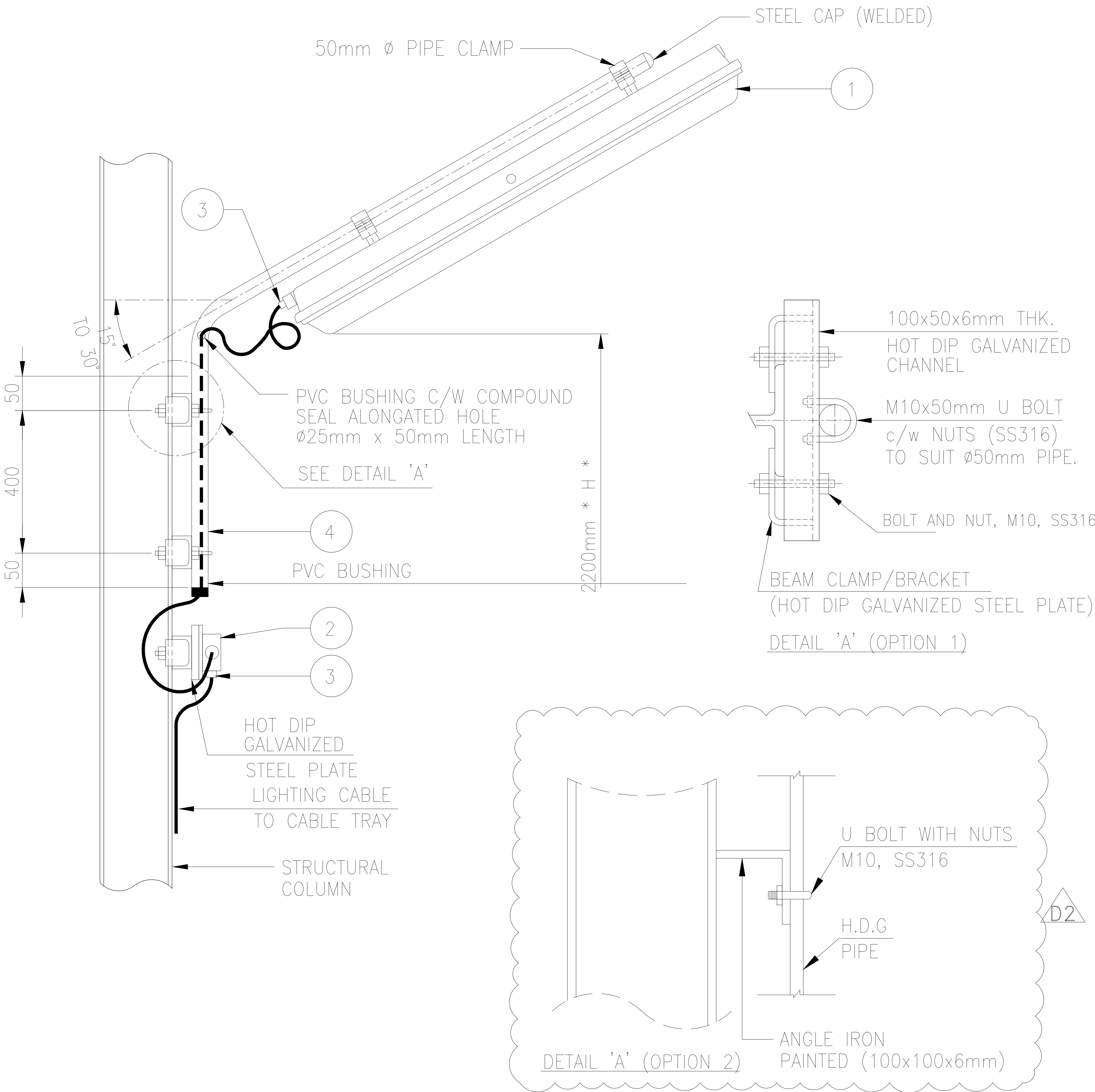
TYPE	QTY	DESCRIPTION
1	1	2x36W FLUORESCENT LIGHTING FIXTURE
2	1	LIGHTING JUNCTION BOX (IF ANY)
3	3	Ex'd' CABLE GLAND
4	1	50mm ø HOT DIP GALVANIZED STEEL PIPE, SCH. 80.

D2	01.DEC.25	IFI	S.Khaksari	R.Pourbordbari	SH.Afsharpanah	K.Mehrdadi			
D1	04.FEB.25	IFI	R.Pourbordbari	M.Karimi	SH.Afsharpanah	K.Mehrdadi			
DO	20.MAY.24	IFI	R.Pourbordbari	G.Haghighattalab	F.Shamasblou	K.Mehrdadi			
REV.	DATE	PURPOSE OF ISSUE	PREP	CKD.	APP.	APPROVED	BY	DATE	
ENGINEER						CONTRACTOR	COMPANY		
This document is the property of NIOC: it must NOT be stored, reproduced or disclosed to other without written authorization from the NIOC.									
 N.I.O.C Pars Oil & Gas Company			SOUTH PARS GAS FIELD DEVELOPMENT PHASE 11 EPCI CONTRACT FOR TOPSIDE, ANCILLARIES & TRIPODS (SP11A)			 PETROPARS		 ISOICO	
 SLT INTERNATIONAL									
DOCUMENT TITLE:									
ELECTRICAL LIGHTING AND SMALL POWER INSTALLATION STANDARDS									
PURPOSE OF ISSUE (CONTRACTOR STATUS): IFR: Issued for review-IFA:Issued for Approval-AFC: Approved for Construction-IFI : Issued for Information – ASB : As-built Class Code: 1=For Approval – 2=For Review – 3=For Information									
DISC: EL		E-FILE: SP11-10-D-15-8-235-D2					SHT. NO: 04 OF 16		
SIZE: A1	FIELD	ZONE	STAGE	DISCIPLINE CODE	DOCUMENT TYPE	SEQUENTIAL NO.	REVISION	STATUS	CLASS
SCALE: N.T.S	SP11	10	D	15	8	235	D2	IFI	3

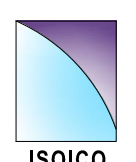
STANDARD N° L03

SYMBOL : 

BRACKET MOUNTING

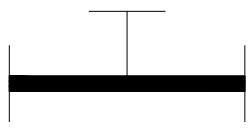


TYPE	QTY	DESCRIPTION
1	1	2x36W FLUORESCENT LIGHTING FIXTURE
2	1	LIGHTING JUNCTION BOX (IF ANY)
3	3	Ex'd' CABLE GLAND
4	1	50mm ø HOT DIP GALVANIZED STEEL PIPE, SCH. 80.

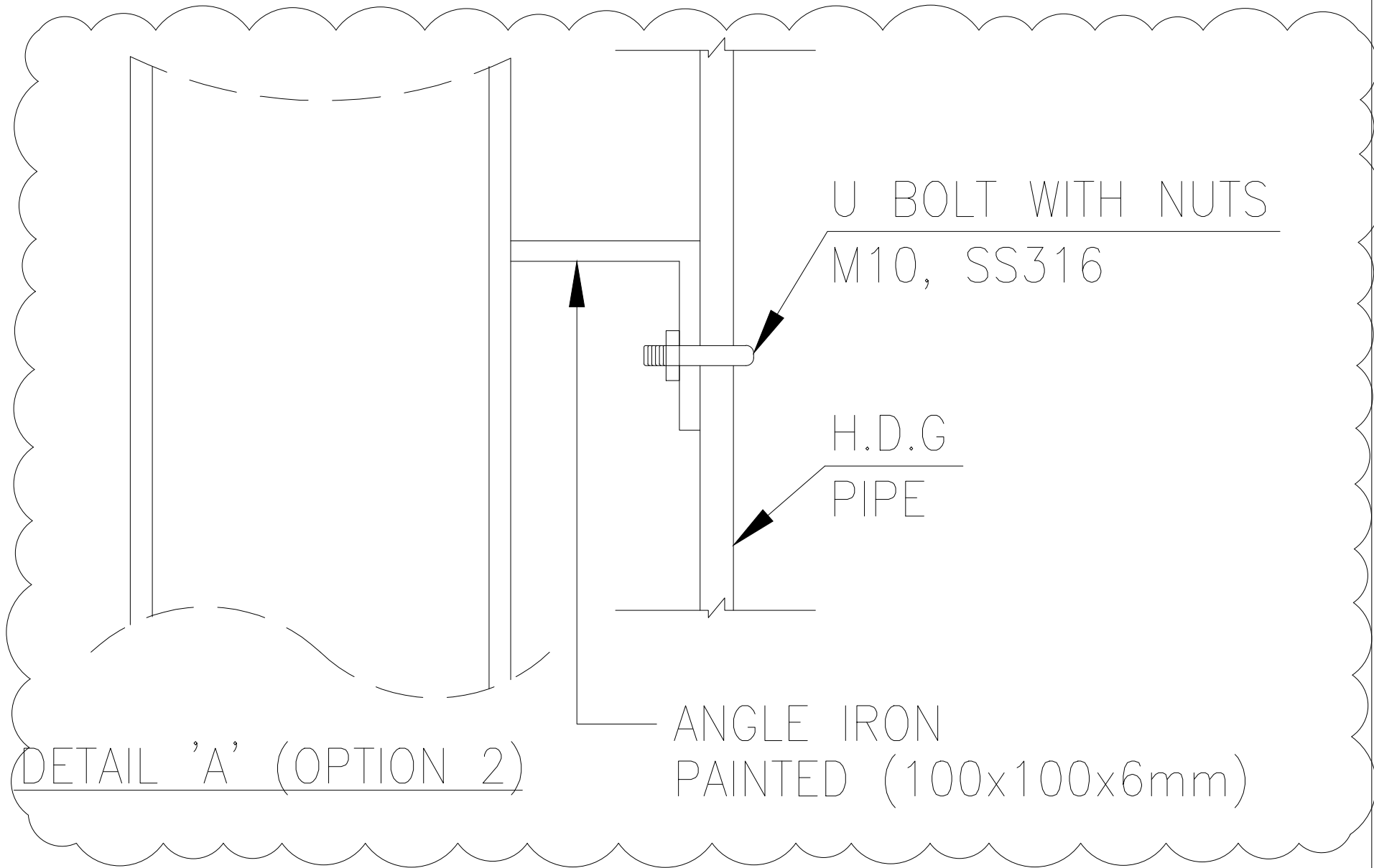
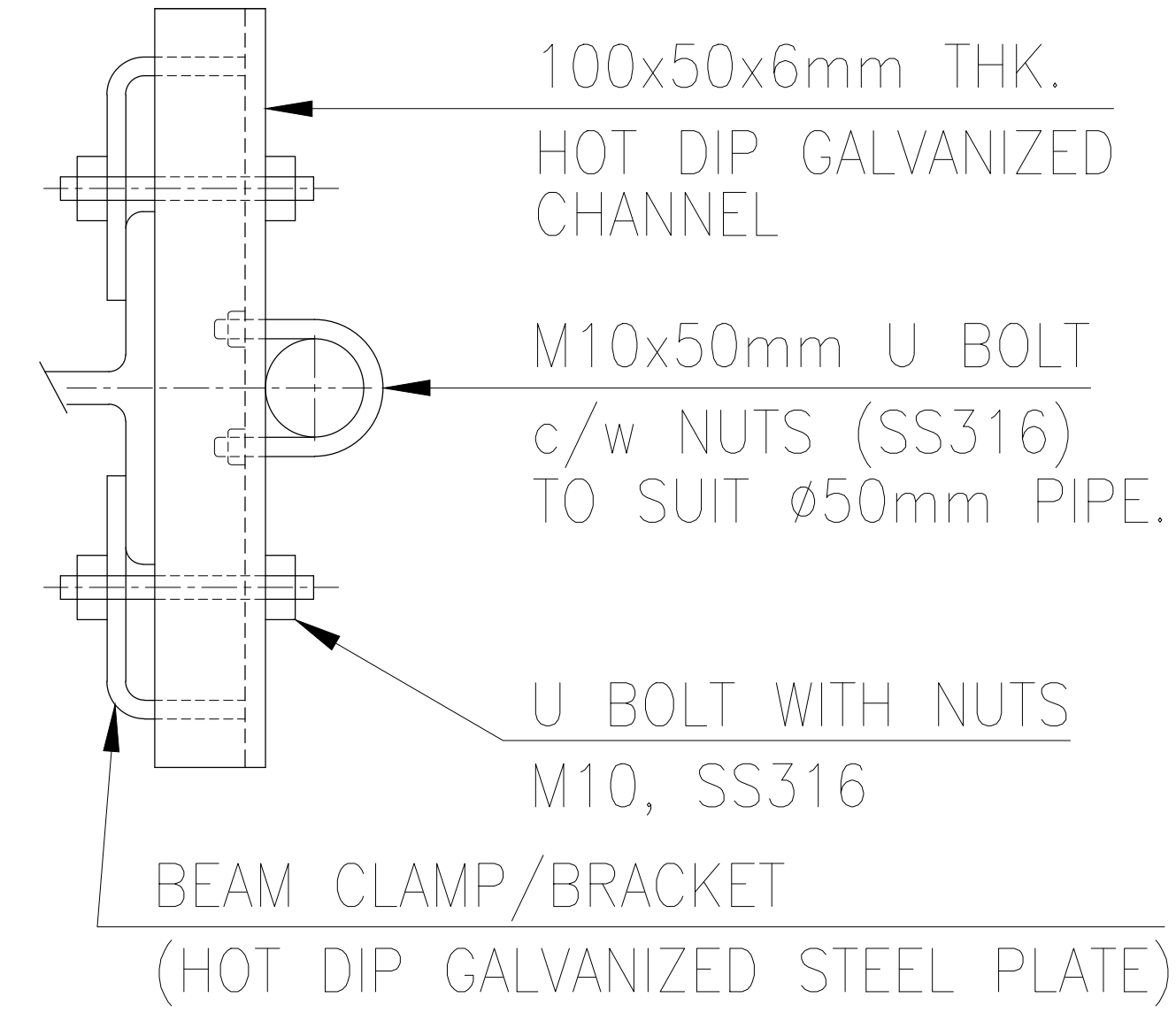
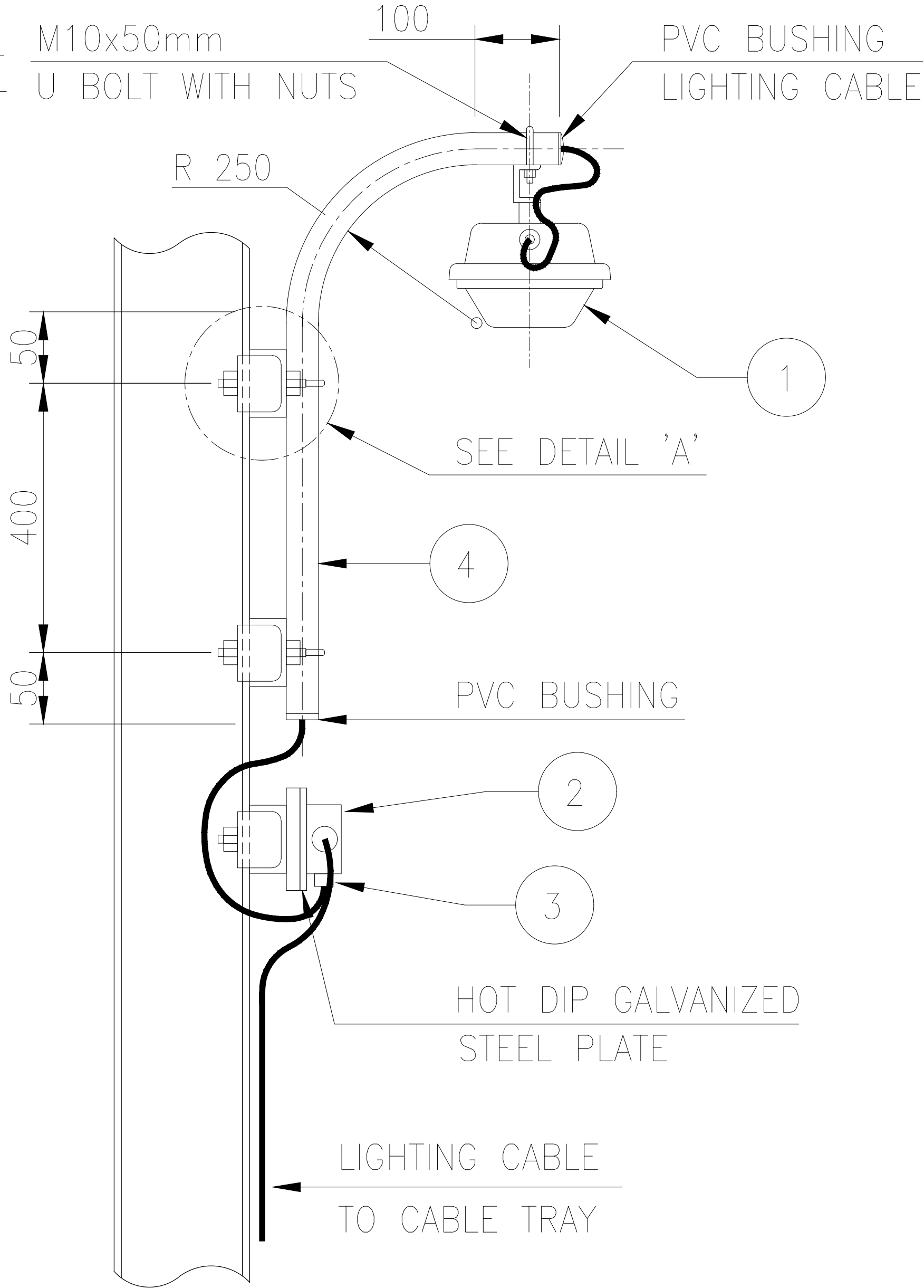
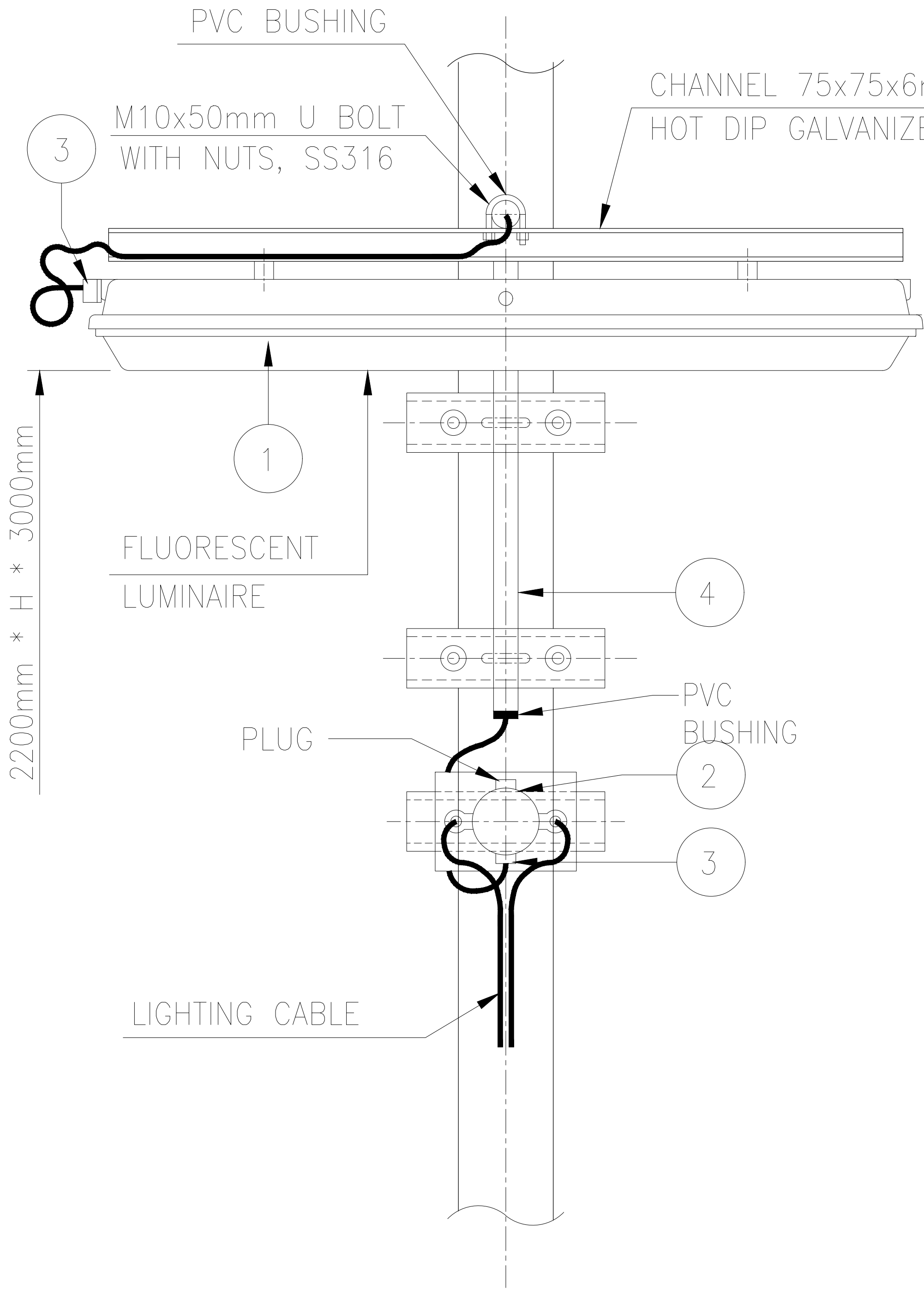
D2	01.DEC.25	IFI	S.Khaksari	R.Pourbordbari	SH.Afsharpanah	K.Mehrdadi		
D1	04.FEB.25	IFI	R.Pourbordbari	M.Karimi	SH.Afsharpanah	K.Mehrdadi		
DO	20.MAY.24	IFI	R.Pourbordbari	G.Haghighattalab	F.Shamasblou	K.Mehrdadi		
REV.	DATE	PURPOSE OF ISSUE	PREP	CKD.	APP.	APPROVED	BY	DATE
ENGINEER						CONTRACTOR	COMPANY	
This document is the property of NIOC: it must NOT be stored, reproduced or disclosed to other without written authorization from the NIOC.								
 N.I.O.C Pars Oil & Gas Company		SOUTH PARS GAS FIELD DEVELOPMENT PHASE 11 EPCI CONTRACT FOR TOPSIDE, ANCILLARIES & TRIPODS (SP11A)				 PETROPARS	 ISOICO	
							 SLT INTERNATIONAL	
DOCUMENT TITLE:								
ELECTRICAL LIGHTING AND SMALL POWER INSTALLATION STANDARDS								
PURPOSE OF ISSUE (CONTRACTOR STATUS): IFR: Issued for review-IFA:Issued for Approval-AFC: Approved for Construction-IFI : Issued for Information - ASB : As-built Class Code: 1=For Approval - 2=For Review - 3=For Information								
DISC: EL		E-FILE: SP11-10-D-15-8-235-D2					SHT. NO:05 OF 16	
SIZE: A1	FIELD	ZONE	STAGE	DISCIPLINE CODE	DOCUMENT TYPE	SEQUENTIAL NO.	REVISION	STATUS CLASS
SCALE: N.T.S	SP11	10	D	15	8	235	D2	IFI 3

STANDARD N° L04

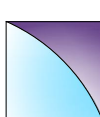
SYMBOL :



BRACKET MOUNTING

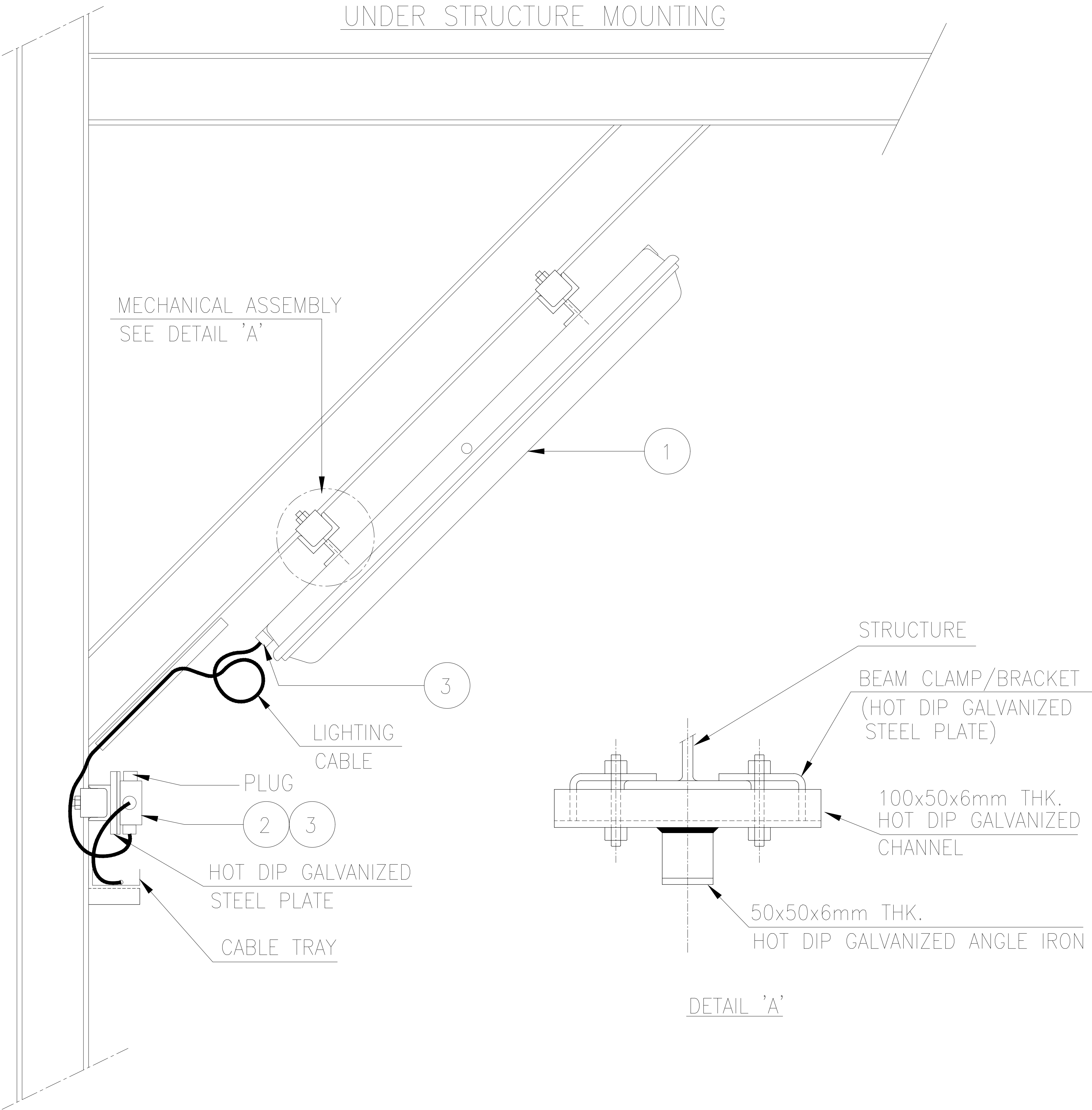


TYPE	QTY	DESCRIPTION
1	1	2x36W FLUORESCENT LIGHTING FIXTURE
2	1	LIGHTING JUNCTION BOX (IF ANY)
3	4	Ex'd' CABLE GLAND
4	1	50mm Ø HOT DIP GALVANIZED STEEL PIPE, SCH. 80.

D2	01.DEC.25	IFI	S.Khaksari	R.Pourbordbari	SH.Afsharpanah	K.Mehrdadi		
D1	04.FEB.25	IFI	R.Pourbordbari	M.Karimi	SH.Afsharpanah	K.Mehrdadi		
DO	20.MAY.24	IFI	R.Pourbordbari	G.Haghighattalab	F.Shamasblou	K.Mehrdadi		
REV.	DATE	PURPOSE OF ISSUE	PREP	CKD.	APP.	APPROVED	BY	DATE
ENGINEER						CONTRACTOR	COMPANY	
This document is the property of NIOC: it must NOT be stored, reproduced or disclosed to other without written authorization from the NIOC.								
 NIOC Pars Oil & Gas Company			SOUTH PARS GAS FIELD DEVELOPMENT PHASE 11 EPCI CONTRACT FOR TOPSIDE, ANCILLARIES & TRIPODS (SP11A)			 PETROPARS		 ISOICO
								 SLT INTERNATIONAL
DOCUMENT TITLE:								
ELECTRICAL LIGHTING AND SMALL POWER INSTALLATION STANDARDS								
PURPOSE OF ISSUE (CONTRACTOR STATUS): IFR: Issued for review-IFA: Issued for Approval-AFC: Approved for Construction-IFI: Issued for Information - ASB: As-built Class Code: 1=For Approval - 2=For Review - 3=For Information								
DISC: EL		E-FILE: SP11-10-D-15-8-235-D2					SHT. NO: 06 OF 16	
SIZE: A1	FIELD	ZONE	STAGE	DISCIPLINE CODE	DOCUMENT TYPE	SEQUENTIAL NO.	REVISION	STATUS CLASS
SCALE: N.T.S	SP11	10	D	15	8	235	D2	IFI 3

STANDARD N° L05

SYMBOL : 



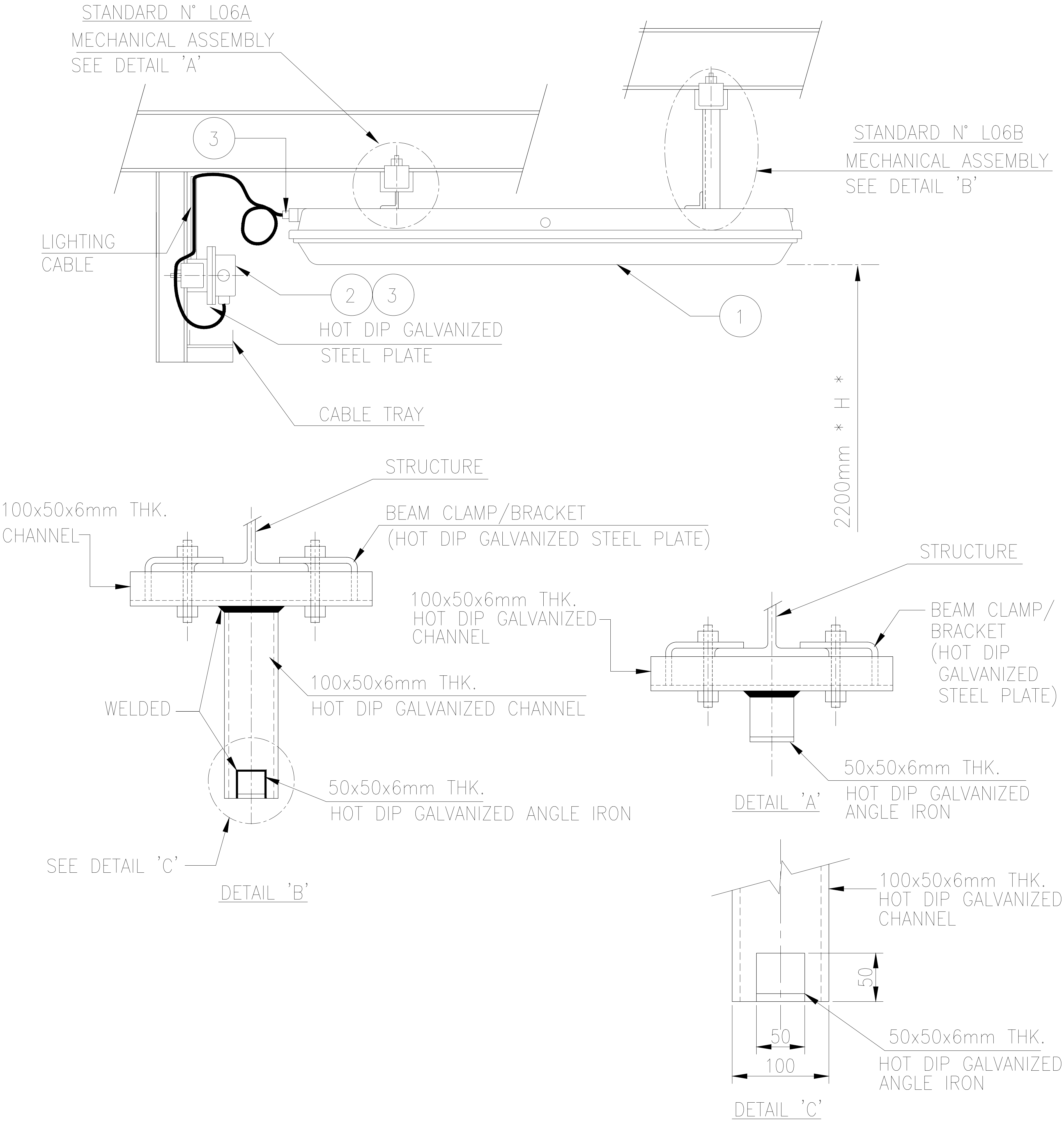
								
D2	01.DEC.25	IFI	S.Khaksari	R.Pourbordbari	SH.Afsharpanah	K.Mehrdadi		
D1	04.FEB.25	IFI	R.Pourbordbari	M.Karimi	SH.Afsharpanah	K.Mehrdadi		
D0	20.MAY.24	IFI	R.Pourbordbari	G.Haghighattalab	F.Shamasblou	K.Mehrdadi		
REV.	DATE	PURPOSE OF ISSUE	PREP	CKD.	APP.	APPROVED	BY	DATE
ENGINEER						CONTRACTOR	COMPANY	
This document is the property of NIOC; it must NOT be stored, reproduced or disclosed to other without written authorization from the NIOC.								
 Pars Oil & Gas Company		SOUTH PARS GAS FIELD DEVELOPMENT PHASE 11 EPCI CONTRACT FOR TOPSIDE, ANCILLARIES & TRIPODS (SP11A)						
DOCUMENT TITLE: ELECTRICAL LIGHTING AND SMALL POWER INSTALLATION STANDARDS								
PURPOSE OF ISSUE (CONTRACTOR STATUS): IFR: Issued for review-IFA:Issued for Approval-AFC: Approved for Construction-IFI : Issued for Information – ASB : As-built Class Code: 1=For Approval – 2=For Review – 3=For Information								
DISC: EL	E-FILE: SP11-10-D-15-8-235-D2					SHT. NO.: 07 OF 16		
SIZE: A1	FIELD	ZONE	STAGE	DISCIPLINE CODE	DOCUMENT TYPE	SEQUENTIAL NO.	REVISION	STATUS CLASS
SCALE: N.T.S	SP11	10	D	15	8	235	D2	IFI 3

TYPE	QTY	DESCRIPTION
1	1	2x36W FLUORESCENT LIGHTING FIXTURE
2	1	LIGHTING JUNCTION BOX (IF ANY)
3	3	Ex'd' CABLE GLAND

STANDARD N° L06

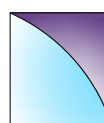
SYMBOL : 

UNDER STRUCTURE MOUNTING



NOTE :
1 - ABOVE DETAIL MAY BE USED IN TECHNICAL ROOM
ACCORDING TO ACTUAL CEILING STRUCTURE.

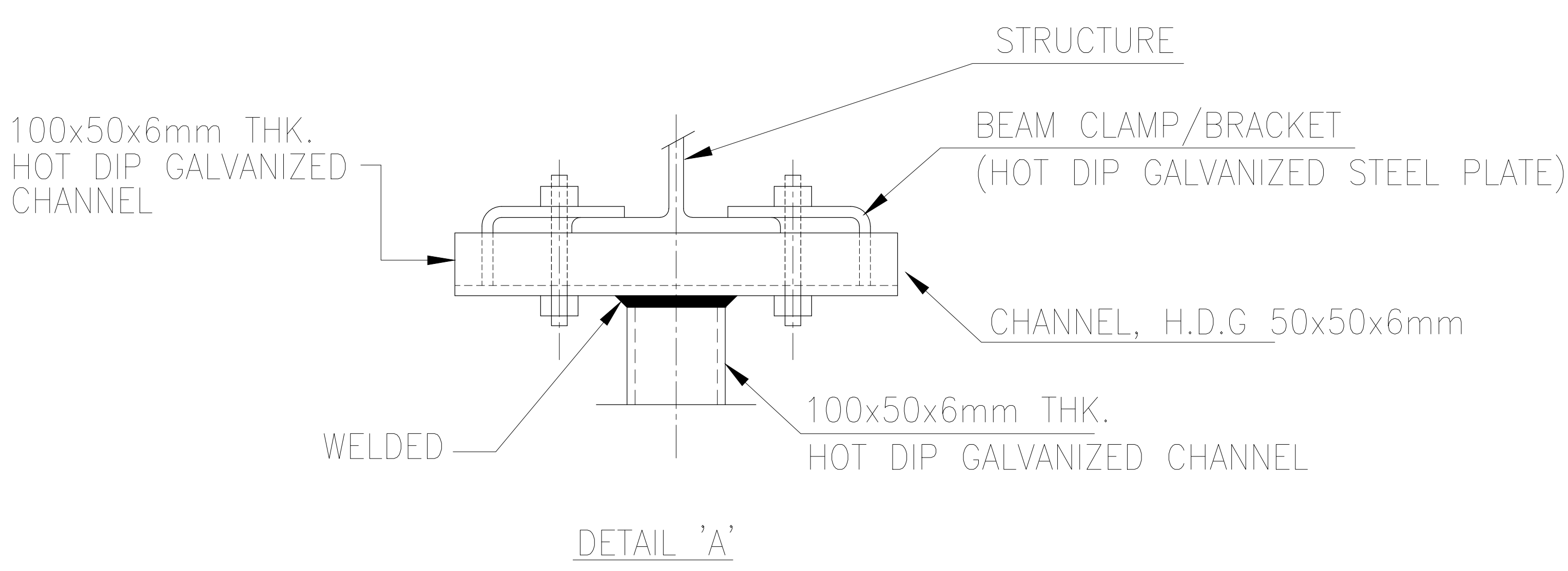
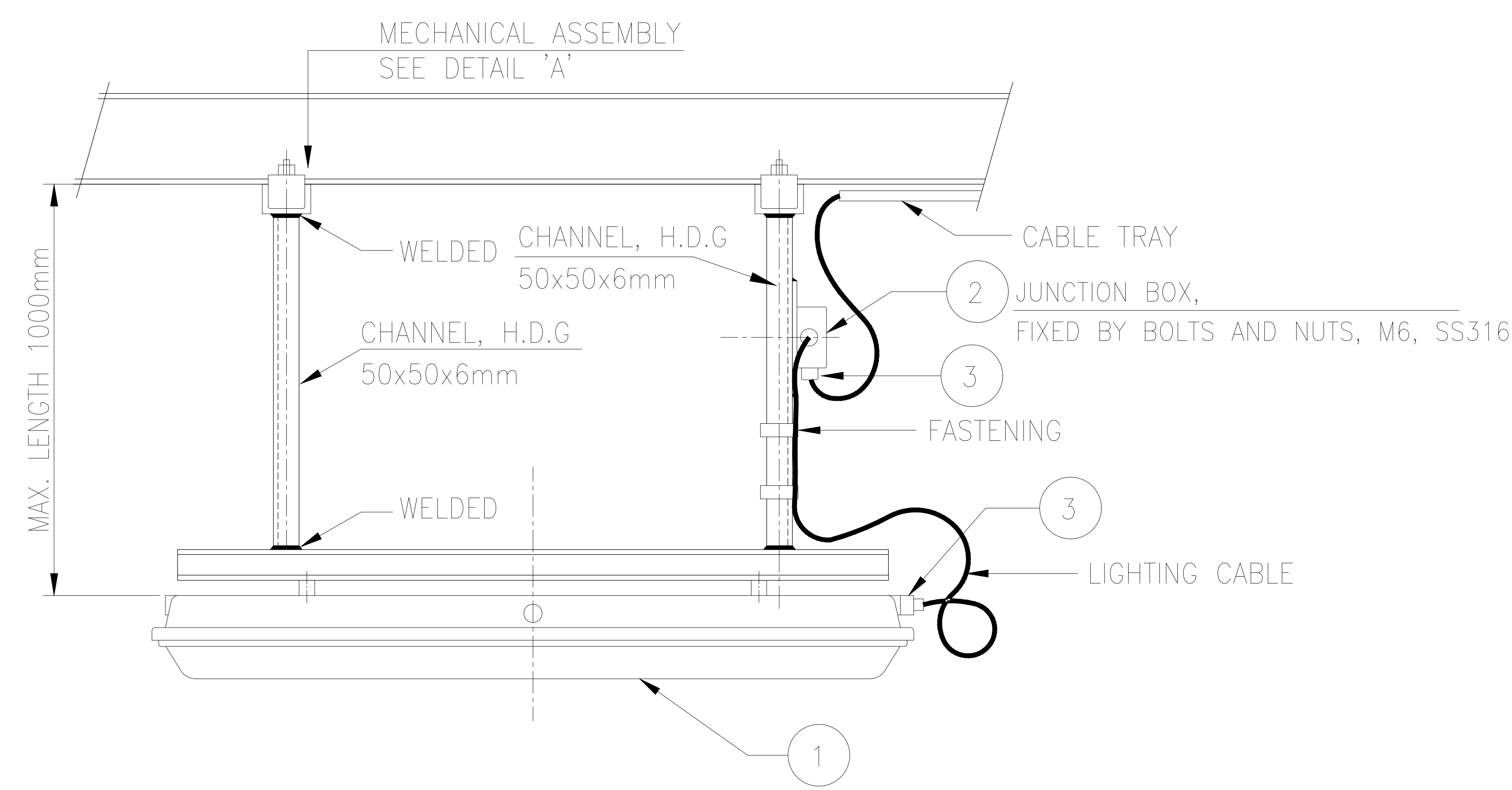
TYPE	QTY	DESCRIPTION
1	1	2x36W FLUORESCENT LIGHTING FIXTURE
2	1	LIGHTING JUNCTION BOX (IF ANY)
3	3	Ex'd' CABLE GLAND

D2	01.DEC.25	IFI	S.Khaksari	R.Pourbordbari	SH.Afsharpanah	K.Mehrdadi			
D1	04.FEB.25	IFI	R.Pourbordbari	M.Karimi	SH.Afsharpanah	K.Mehrdadi			
D0	20.MAY.24	IFI	R.Pourbordbari	G.Haghighattalab	F.Shamasblou	K.Mehrdadi			
REV.	DATE	PURPOSE OF ISSUE	PREP	CKD.	APP.	APPROVED	BY	DATE	
			ENGINEER			CONTRACTOR	COMPANY		
This document is the property of NIOC; it must NOT be stored, reproduced or disclosed to other without written authorization from the NIOC.									
 N.I.O.C Pars Oil & Gas Company			SOUTH PARS GAS FIELD DEVELOPMENT PHASE 11 EPCI CONTRACT FOR TOPSIDE, ANCILLARIES & TRIPODS (SP11A)			 PETROPARS		 ISOICO	
								 SLT INTERNATIONAL	
DOCUMENT TITLE:									
ELECTRICAL LIGHTING AND SMALL POWER INSTALLATION STANDARDS									
PURPOSE OF ISSUE (CONTRACTOR STATUS): IFR: Issued for review-IFA:Issued for Approval-AFC: Approved for Construction-IFI: Issued for Information - ASB: As-built Class Code: 1=For Approval - 2=For Review - 3=For Information									
DISC:	EL	E-FILE: SP11-10-D-15-8-235-D2				SHT. NO: 08 OF 16			
SIZE:	A1	FIELD	ZONE	STAGE	DISCIPLINE CODE	DOCUMENT TYPE	SEQUENTIAL NO.	REVISION	STATUS CLASS
SCALE:	N.T.S	SP11	10	D	15	8	235	D2	IFI 3

STANDARD N° L07

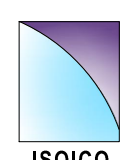
SYMBOL : 

PENDANT MOUNTING



NOTE :
1 - ABOVE DETAIL MAY BE USED IN TECHNICAL ROOM
ACCORDING TO ACTUAL CEILING STRUCTURE.

TYPE	QTY	DESCRIPTION
1	1	2x36W FLUORESCENT LIGHTING FIXTURE
2	1	LIGHTING JUNCTION BOX (IF ANY)
3	3	Ex'd' CABLE GLAND

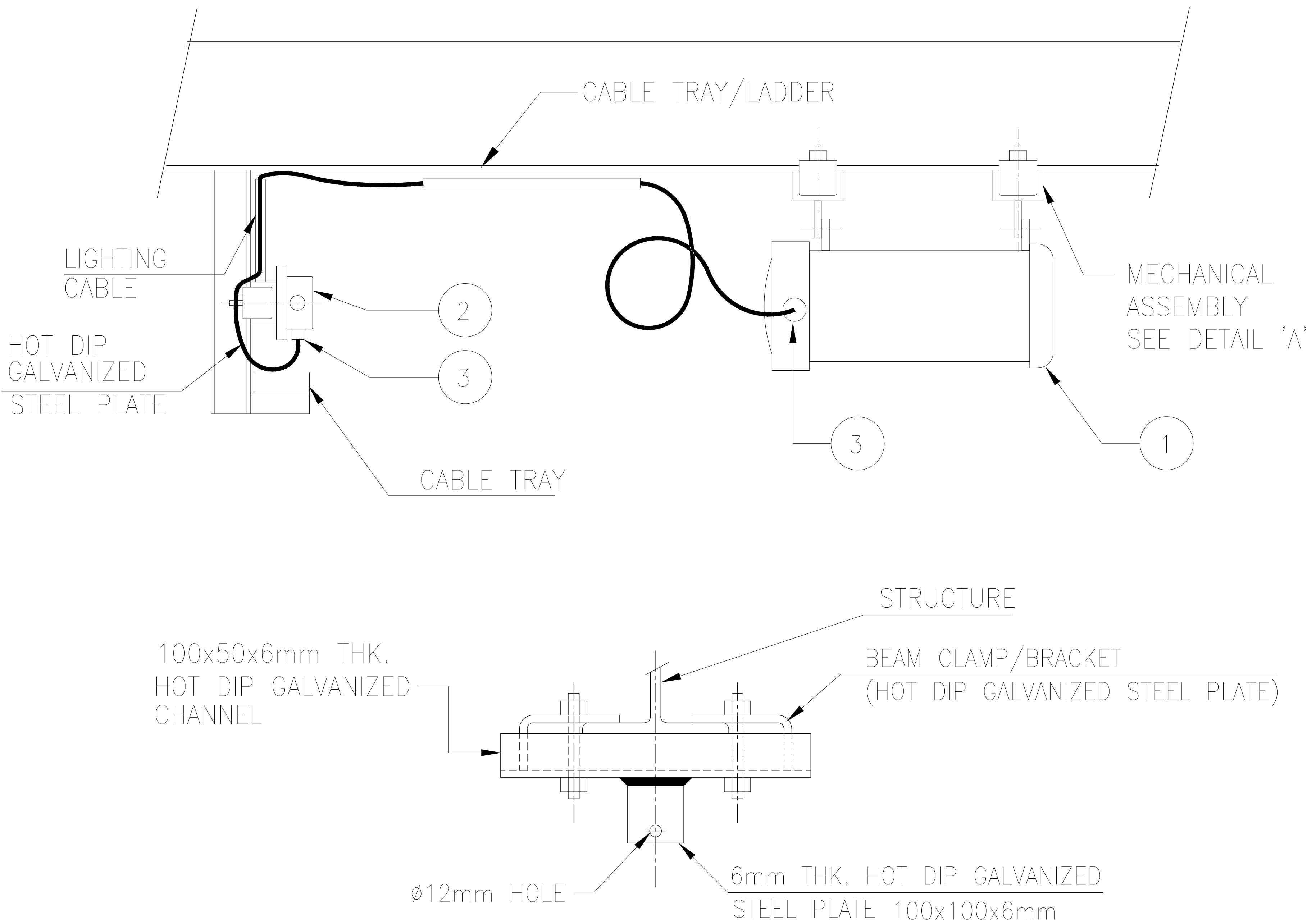
D2	01.DEC.25	IFI	S.Khaksari	R.Pourbordbari	SH.Afsharpanah	K.Mehrdadi			
D1	04.FEB.25	IFI	R.Pourbordbari	M.Karimi	SH.Afsharpanah	K.Mehrdadi			
DO	20.MAY.24	IFI	R.Pourbordbari	G.Haghighattalab	F.Shamasblou	K.Mehrdadi			
REV.	DATE	PURPOSE OF ISSUE	PREP	CKD.	APP.	APPROVED	BY	DATE	
ENGINEER						CONTRACTOR	COMPANY		
This document is the property of NIOC: it must NOT be stored, reproduced or disclosed to other without written authorization from the NIOC.									
 Pars Oil & Gas Company			SOUTH PARS GAS FIELD DEVELOPMENT PHASE 11 EPCI CONTRACT FOR TOPSIDE, ANCILLARIES & TRIPODS (SP11A)				 PETROPARS		 ISOICO
 SLT INTERNATIONAL									
DOCUMENT TITLE: ELECTRICAL LIGHTING AND SMALL POWER INSTALLATION STANDARDS									
PURPOSE OF ISSUE (CONTRACTOR STATUS): IFR: Issued for review-IFA: Issued for Approval-AFC: Approved for Construction-IFI: Issued for Information - ASB: As-built Class Code: 1=For Approval - 2=For Review - 3=For Information									
DISC: EL		E-FILE: SP11-10-D-15-8-235-D2					SHT. NO: 09 OF 16		
SIZE: A1	FIELD	ZONE	STAGE	DISCIPLINE CODE	DOCUMENT TYPE	SEQUENTIAL NO.	REVISION	STATUS	CLASS
SCALE: N.T.S	SP11	10	D	15	8	235	D2	IFI	3

STANDARD N° L08

SYMBOL :

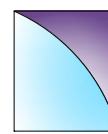
EXIT

EMERGENCY LIGHTING MOUNTING UNDER STRUCTURE



NOTES:
JUNCTION BOX FIXED BY BOLT AND NUT M6, SS316

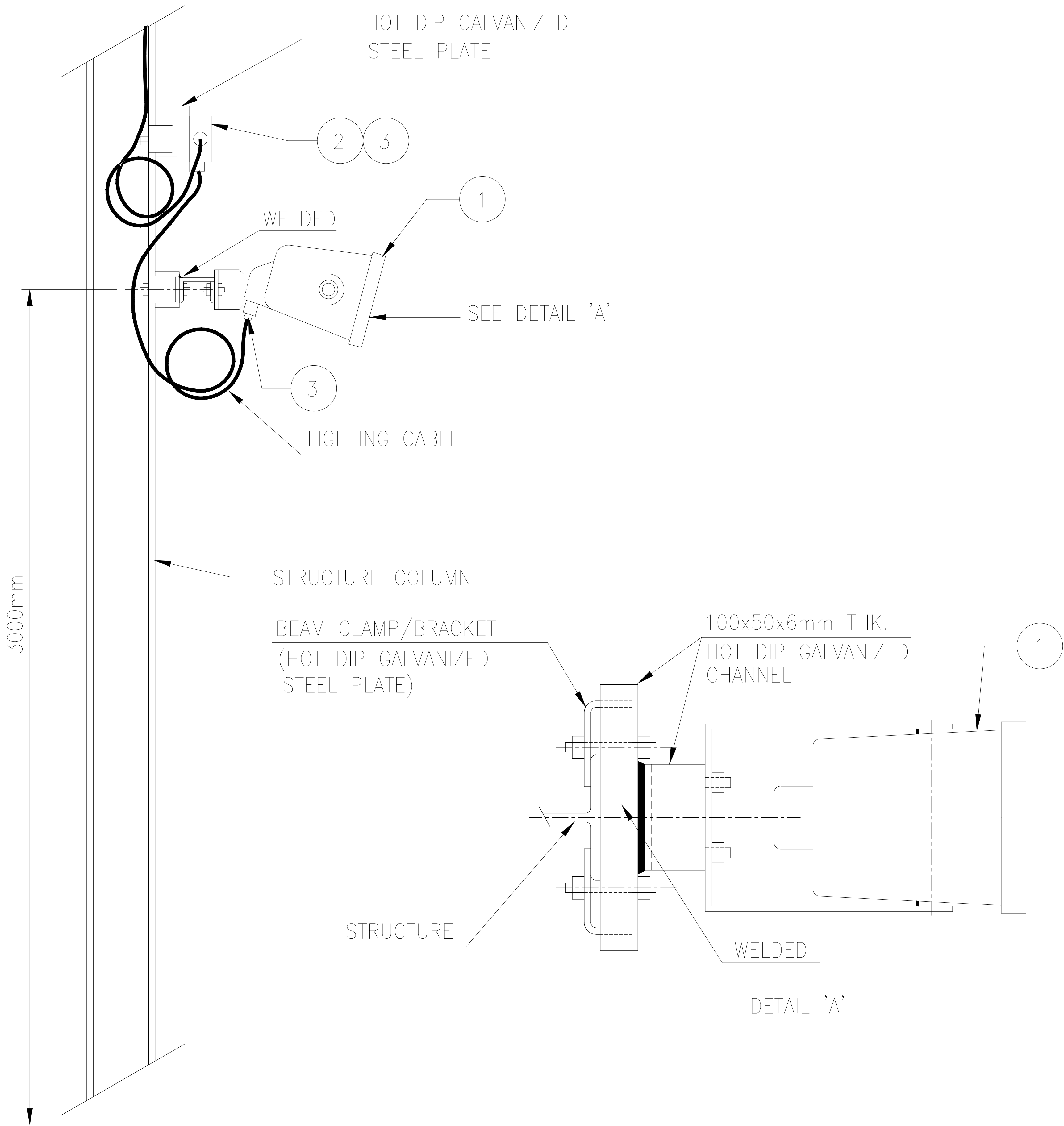
TYPE	QTY	DESCRIPTION
1	1	1x8W EMERGENCY LIGHTING FIXTURE (i.e. USE FOR EXIT LIGHT)
2	1	LIGHTING JUNCTION BOX (IF ANY)
3	3	Ex'd' CABLE GLAND

D2	01.DEC.25	IFI	S.Khaksari	R.Pourbordbari	SH.Afsharpanah	K.Mehrdadi			
D1	04.FEB.25	IFI	R.Pourbordbari	M.Karimi	SH.Afsharpanah	K.Mehrdadi			
D0	20.MAY.24	IFI	R.Pourbordbari	G.Haghighattalab	F.Shamasblou	K.Mehrdadi			
REV.	DATE	PURPOSE OF ISSUE	PREP	CKD.	APP.	APPROVED	BY	DATE	
ENGINEER						CONTRACTOR	COMPANY		
This document is the property of NIOC; it must NOT be stored, reproduced or disclosed to other without written authorization from the NIOC.									
 Pars Oil & Gas Company			SOUTH PARS GAS FIELD DEVELOPMENT PHASE 11 EPCI CONTRACT FOR TOPSIDE, ANCILLARIES & TRIPODS (SP11A)					 ISOICO	
								 SLT INTERNATIONAL	
DOCUMENT TITLE: ELECTRICAL LIGHTING AND SMALL POWER INSTALLATION STANDARDS									
PURPOSE OF ISSUE (CONTRACTOR STATUS): IFR: Issued for review-IFA: Issued for Approval-AFC: Approved for Construction-IFI : Issued for Information - ASB : As-built Class Code: 1=For Approval - 2=For Review - 3=For Information									
DISC: EL		E-FILE: SP11-10-D-15-8-235-D2				SHT. NO: 10 OF 16			
SIZE: A1	FIELD	ZONE	STAGE	DISCIPLINE CODE	DOCUMENT TYPE	SEQUENTIAL NO.	REVISION	STATUS	CLASS
SCALE: N.T.S	SP11	10	D	15	8	235	D2	IFI	3

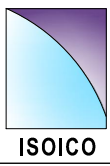
STANDARD N° L09



FLOOD LIGHT MOUNTING ON STRUCTURE

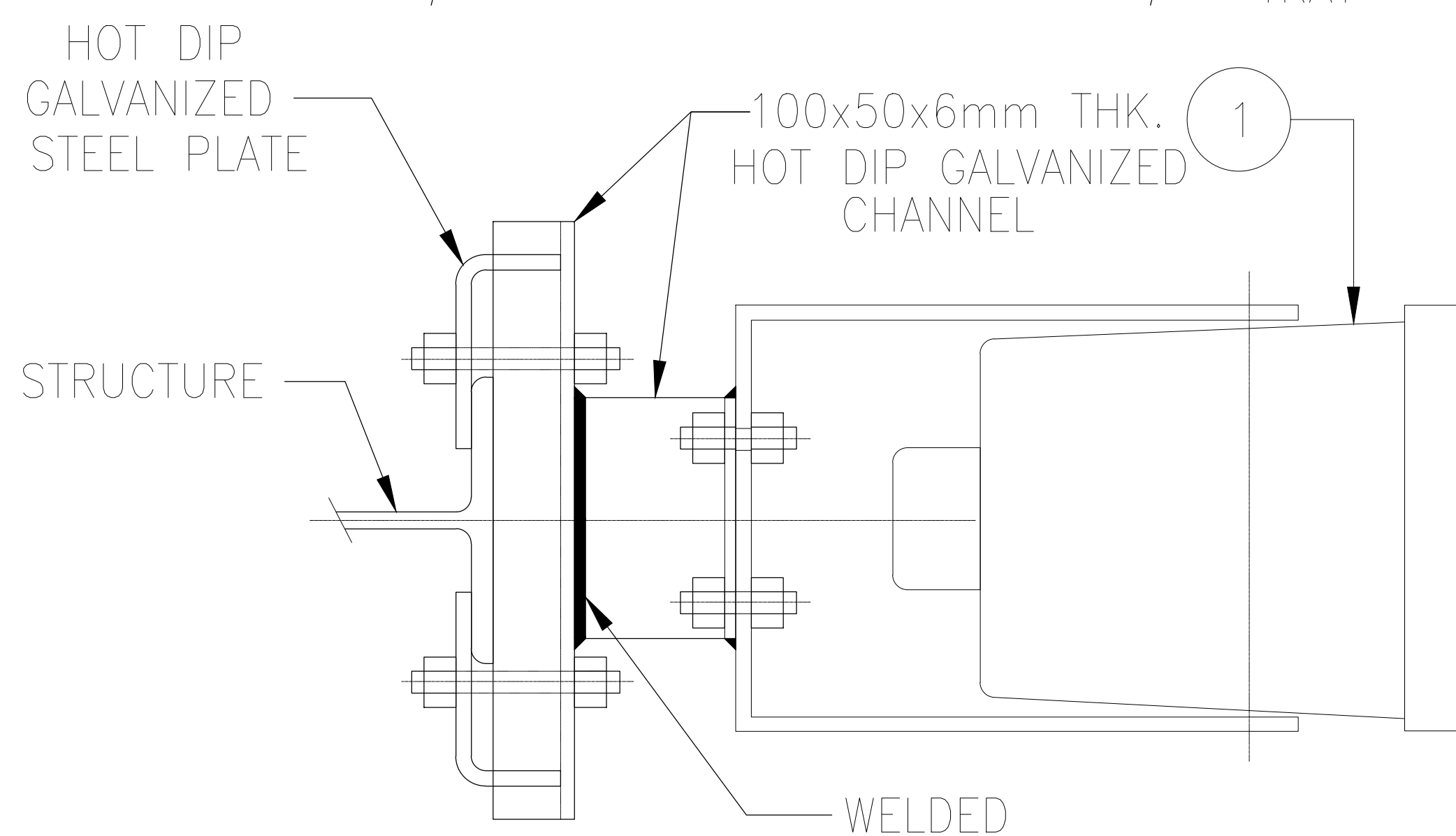
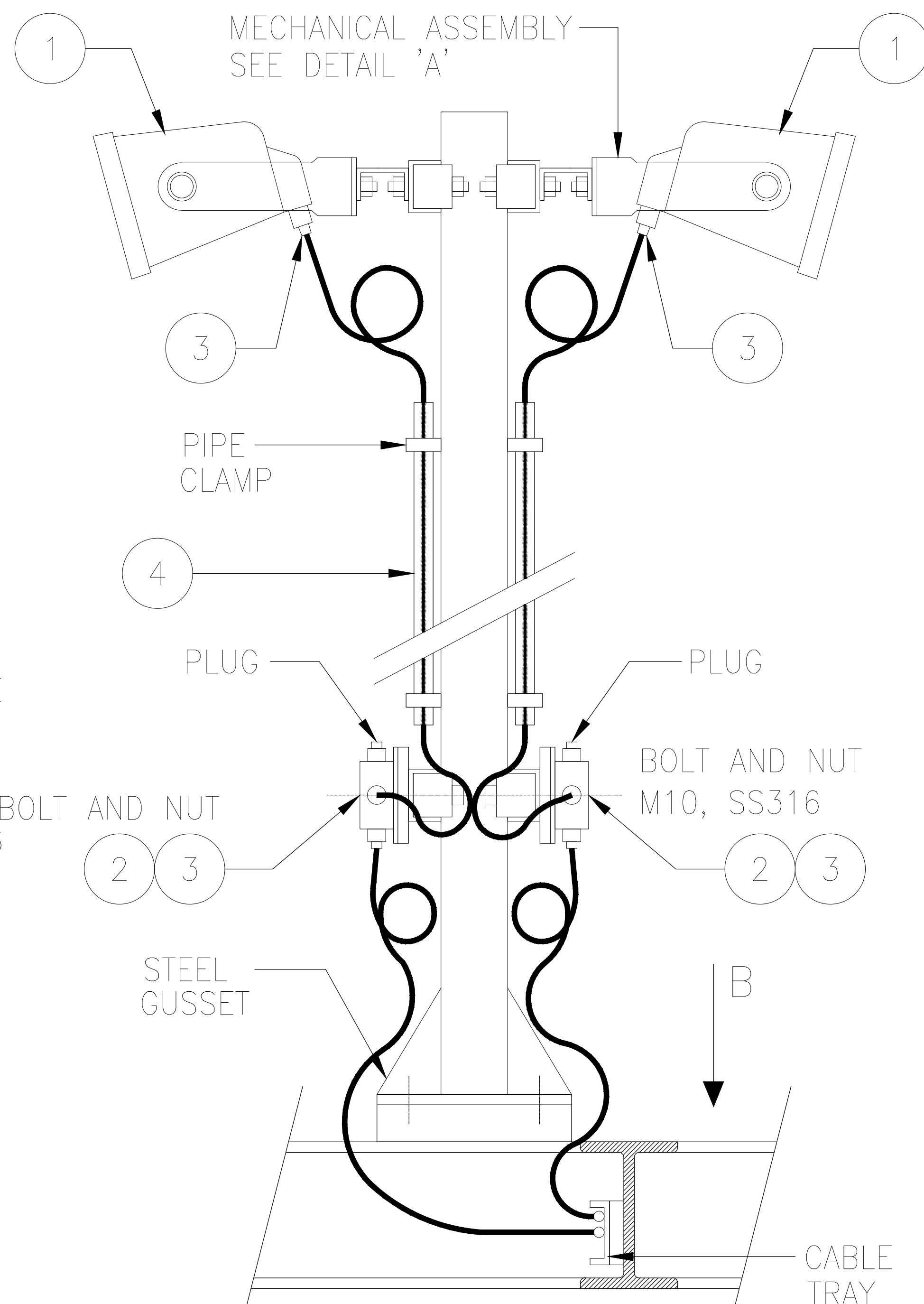


TYPE	QTY	DESCRIPTION
1	1	FLOOD LIGHT FIXTURE
2	1	LIGHTING JUNCTION BOX (IF ANY)
3	3	Ex'd' CABLE GLAND

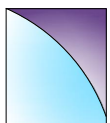
				<i>pourbordbari</i>	<i>af</i>	<i>K.Mehrdadi</i>		
D2	01.DEC.25	IFI	S.Khaksari	R.Pourbordbari	SH.Afsharpanah	K.Mehrdadi		
D1	04.FEB.25	IFI	R.Pourbordbari	M.Karimi	SH.Afsharpanah	K.Mehrdadi		
DO	20.MAY.24	IFI	R.Pourbordbari	G.Haghighattalab	F.Shamasblou	K.Mehrdadi		
REV.	DATE	PURPOSE OF ISSUE	PREP	CKD.	APP.	APPROVED	BY	DATE
ENGINEER						CONTRACTOR	COMPANY	
This document is the property of NIOC: it must NOT be stored, reproduced or disclosed to other without written authorization from the NIOC.								
 Pars Oil & Gas Company		SOUTH PARS GAS FIELD DEVELOPMENT PHASE 11 EPCI CONTRACT FOR TOPSIDE, ANCILLARIES & TRIPODS (SP11A)						
DOCUMENT TITLE: ELECTRICAL LIGHTING AND SMALL POWER INSTALLATION STANDARDS								
PURPOSE OF ISSUE (CONTRACTOR STATUS): IFR: Issued for review-IFA:Issued for Approval-AFC: Approved for Construction-IFI : Issued for Information – ASB : As-built Class Code: 1=For Approval – 2=For Review – 3=For Information								
DISC: EL		E-FILE: SP11-10-D-15-8-235-D2					SHT. NO.: 11 OF 16	
SIZE: A1	FIELD	ZONE	STAGE	DISCIPLINE CODE	DOCUMENT TYPE	SEQUENTIAL NO.	REVISION	STATUS CLASS
SCALE: N.T.S	SP11	10	D	15	8	235	D2	IFI 3

SYMBOL :

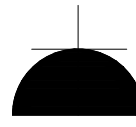
A diagram of a 2D network. It consists of a square node at the top left, connected by a horizontal line to a circular node at the top right. The square node is connected by a vertical line to another circular node at the bottom left. The top-right circular node has two arrows pointing away from it, and the bottom-left circular node has two arrows pointing away from it. All nodes have a cross inside them.



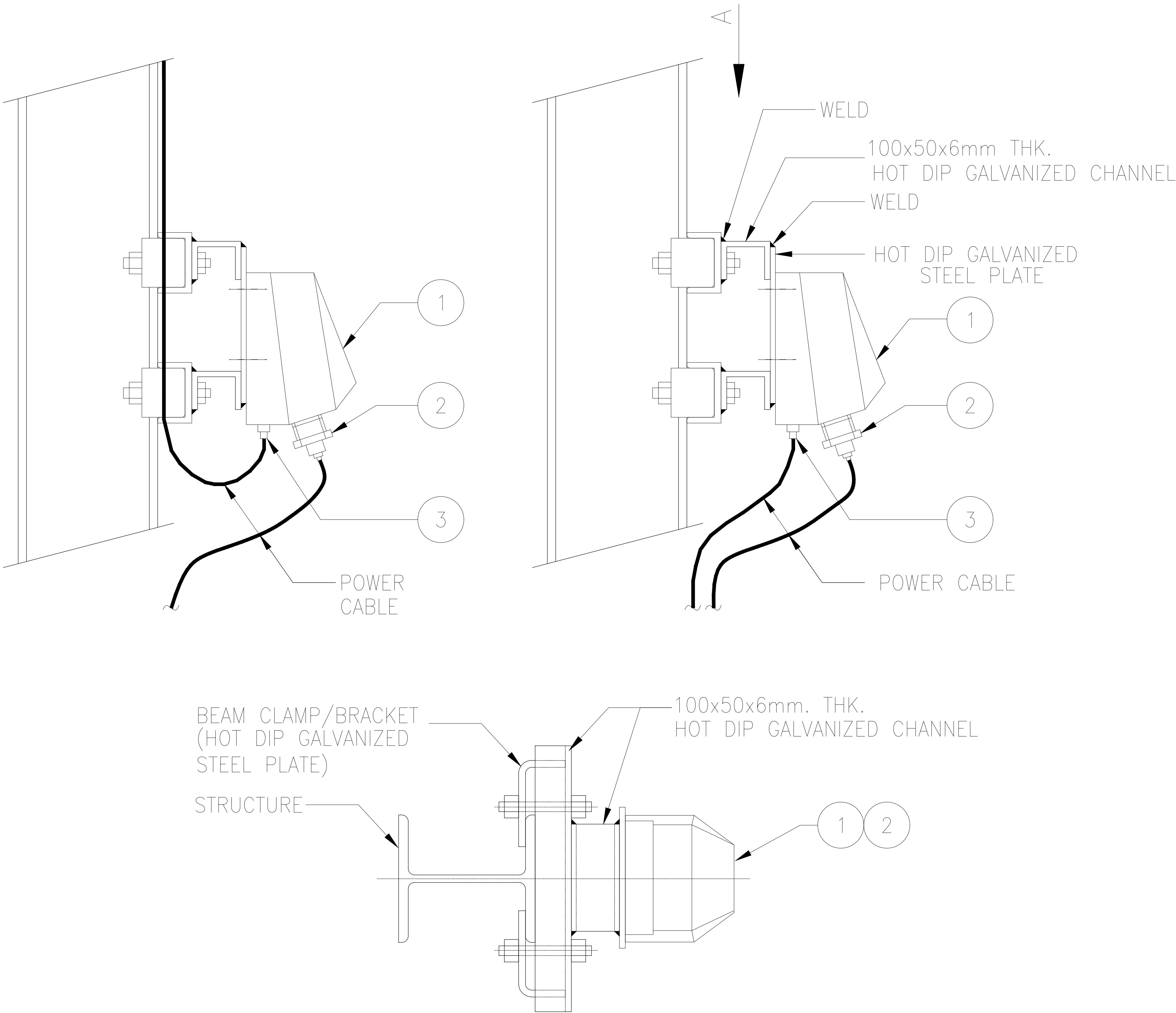
DETAIL 'A'

				S.Khaksari	R.Pourbordbari	M.Habibi	K.Mehrdaei		
D2	01.DEC.25	IFI				SH.Afsharpanah	K.Mehrdaei		
D1	04.FEB.25	IFI		R.Pourbordbari	M.Karimi	SH.Afsharpanah	K.Mehrdaei		
DO	20.MAY.24	IFI		R.Pourbordbari	G.Gaghghattalab	F.Shamasblou	K.Mehrdaei		
REV.	DATE	PURPOSE OF ISSUE	PREP	CKD.	APP.	APPROVED	BY	DATE	
						ENGINEER	CONTRACTOR	COMPANY	
This document is the property of NIOC; it must NOT be stored, reproduced or disclosed to other without written authorization from the NIOC									
 Pars Oil & Gas Company			SOUTH PARS GAS FIELD DEVELOPMENT PHASE 11 EPCI CONTRACT FOR TOPSIDE, ANCILLARIES & TRIPODS (SP11A)						 ISOICO
									
DOCUMENT TITLE:									
ELECTRICAL LIGHTING AND SMALL POWER INSTALLATION STANDARDS									
PURPOSE OF ISSUE (CONTRACTOR STATUS): IFR: Issued for review-IFA: Assed for Approval-AFC: Approved for Construction-IFI : Issued for Information – ASB : As-built Class Code: 1=For Approval – 2=For Review – 3=For Information									
DISC: EL		E–FILE: SP11–10–D–15–8–235-D2					SHT. NO.: 12 OF 16		
SIZE: A1	FIELD	ZONE	STAGE	DISCIPLINE CODE	DOCUMENT TYPE	SEQUENTIAL NO.	REVISION	STATUS	CLOSURE
SCALE: N.T.S	SP11	10	0	15	8	235	D2	IFI	3

STANDARD N° L11

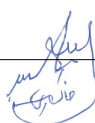
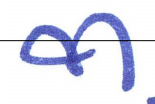
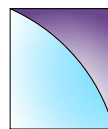
SYMBOL :  Ex

CONVENIENCE OUTLET 230VAC-16A



A VIEW

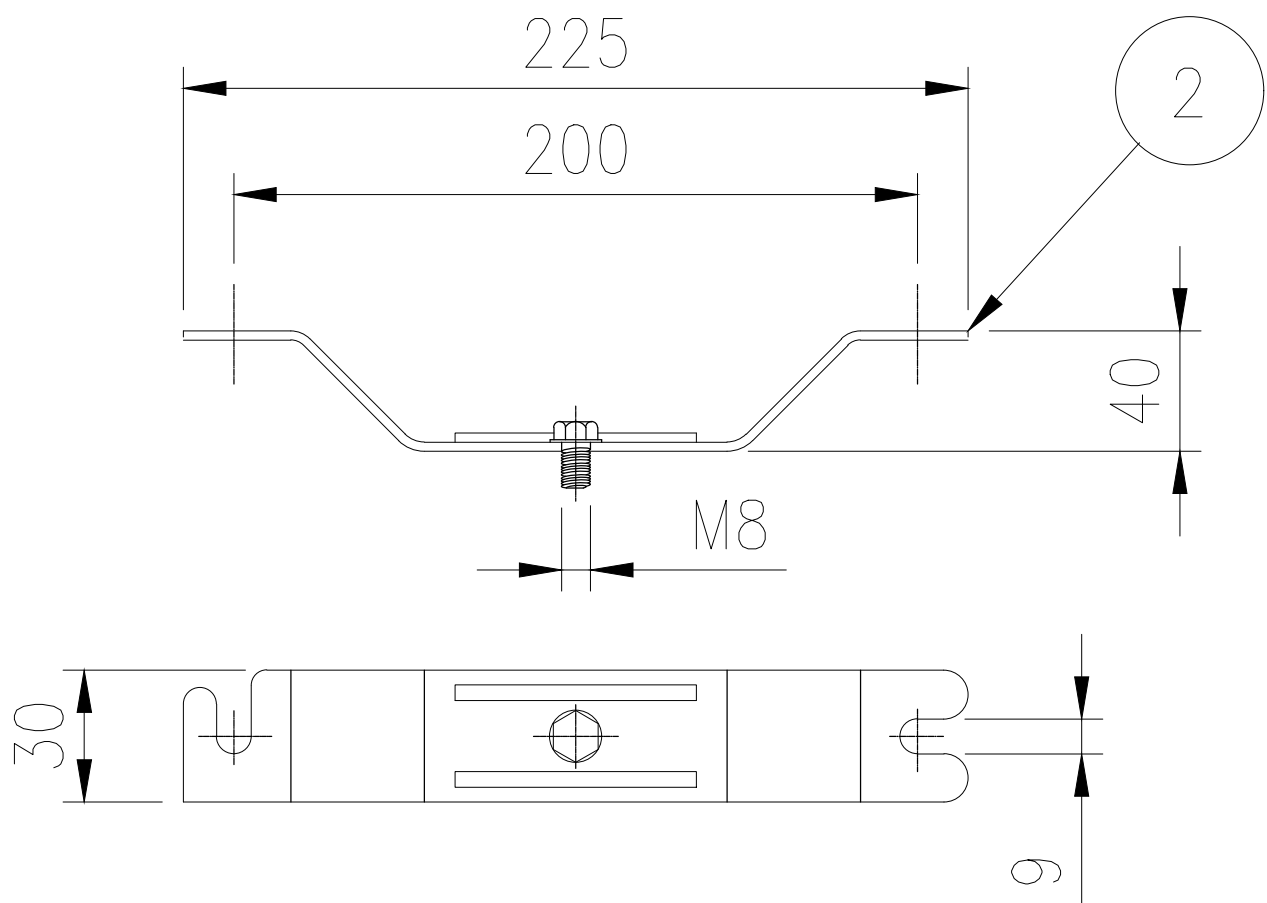
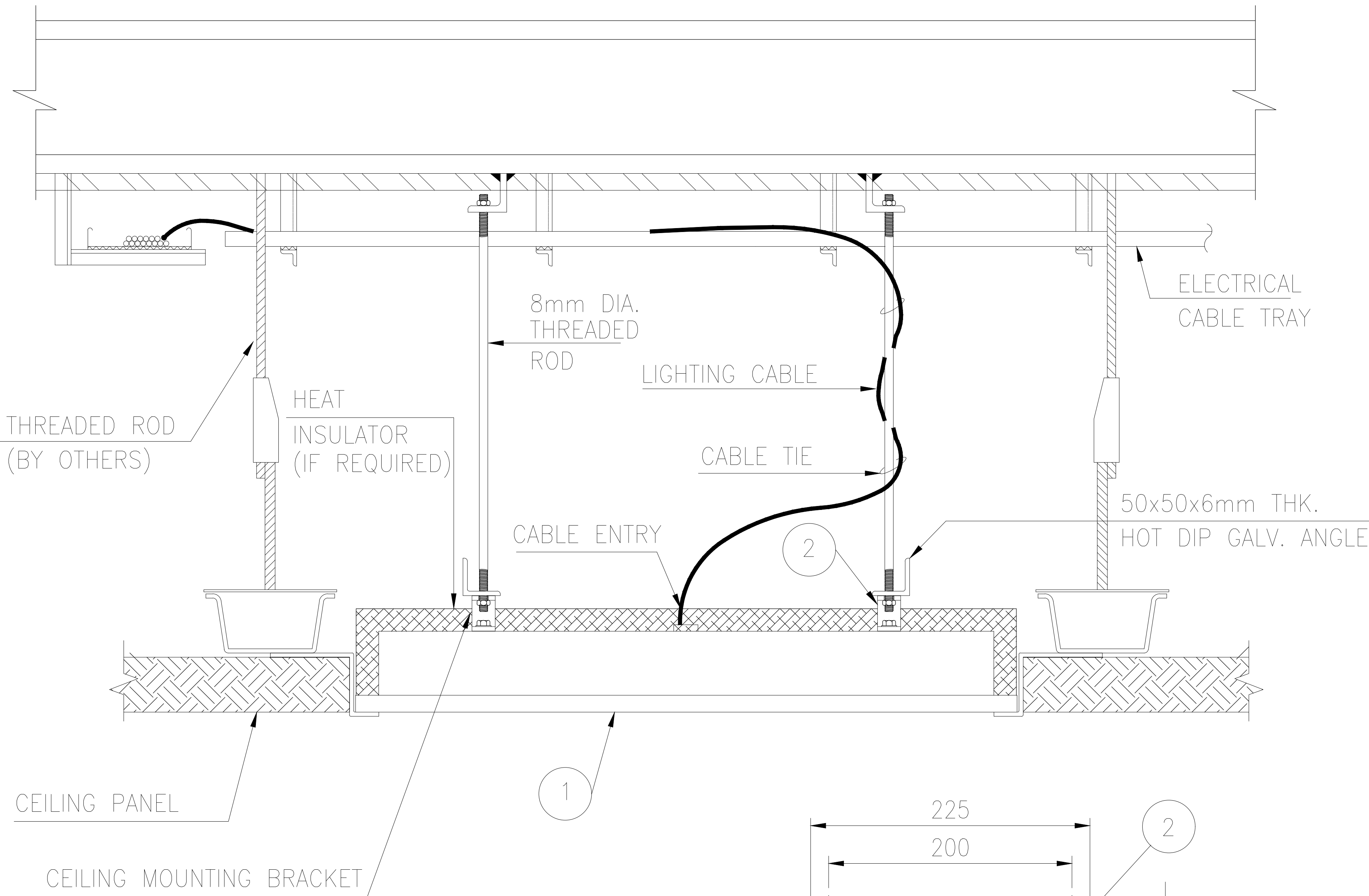
TYPE	QTY	DESCRIPTION
1	1	16A, 230VAC SOCKET OUTLET
2	1	16A, 230VAC PLUG
3	1	Ex'd' CABLE GLAND

				<u>pourbordbari</u>		<u>K.Mehrdadi</u>		
D2	01.DEC.25	IFI	S.Khaksari	R.Pourbordbari	SH.Afsharpanah	K.Mehrdadi		
D1	04.FEB.25	IFI	R.Pourbordbari	M.Karimi	SH.Afsharpanah	K.Mehrdadi		
D0	20.MAY.24	IFI	R.Pourbordbari	G.Haghighattalab	F.Shamasblou	K.Mehrdadi		
REV.	DATE	PURPOSE OF ISSUE	PREP	CKD.	APP.	APPROVED	BY	DATE
ENGINEER						CONTRACTOR	COMPANY	
This document is the property of NIOC: it must NOT be stored, reproduced or disclosed to other without written authorization from the NIOC.								
 N.I.O.C Pars Oil & Gas Company			SOUTH PARS GAS FIELD DEVELOPMENT PHASE 11 EPCI CONTRACT FOR TOPSIDE, ANCILLARIES & TRIPODS (SP11A)					 ISOICO
								 SLT INTERNATIONAL
DOCUMENT TITLE:								
ELECTRICAL LIGHTING AND SMALL POWER INSTALLATION STANDARDS								
PURPOSE OF ISSUE (CONTRACTOR STATUS): IFR: Issued for review-IFA:Issued for Approval-AFC: Approved for Construction-IFI : Issued for Information - ASB : As-built Class Code: 1=For Approval - 2=For Review - 3=For Information								
DISC: EL		E-FILE: SP11-10-D-15-8-235-D2					SHT. NO: 13 OF 16	
SIZE: A1	FIELD	ZONE	STAGE	DISCIPLINE CODE	DOCUMENT TYPE	SEQUENTIAL NO.	REVISION	STATUS CLASS
SCALE: N.T.S	SP11	10	D	15	8	235	D2	IFI 3

STANDARD N° L12

SYMBOL :

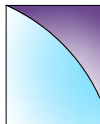
CEILING MOUNTED RECESSED FLUORESCENT LIGHT



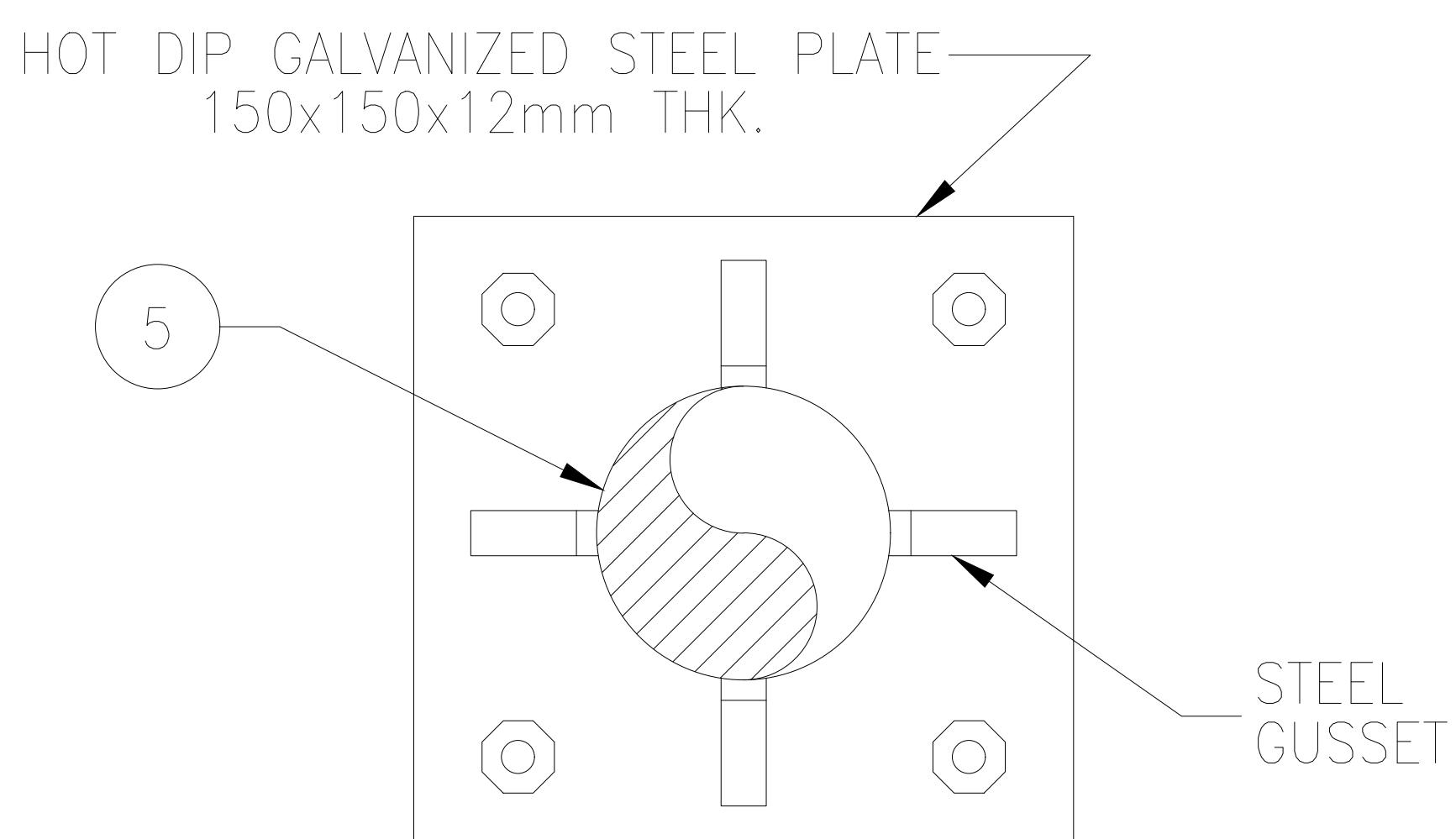
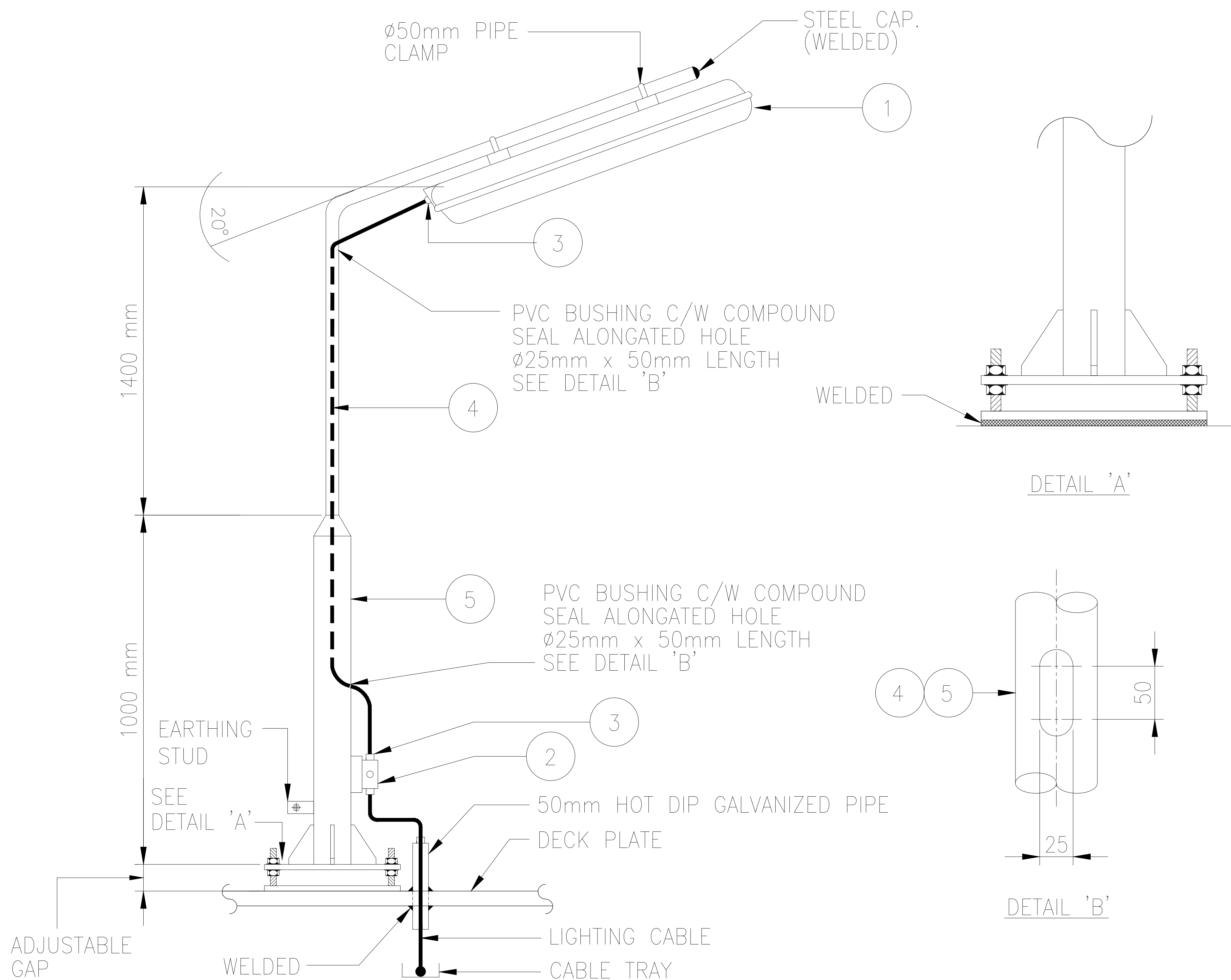
NOTES:

1. THE HEATING OF LIGHT FIXTURE DUE TO HEAT INSULATOR SHALL BE COORDINATED WITH VENDOR AND IF REQUIRED MESH BOX SHOULD BE USED.

TYPE	QTY	DESCRIPTION
1	1	2x36W FLUORESCENT RECESSED LIGHTING FIXTURE
2	2	CEILING MOUNTING BRACKET

D2	01.DEC.25	IFI	S.Khaksari	R.Pourbordbari	SH.Afsharpanah	K.Mehrdadi			
D1	04.FEB.25	IFI	R.Pourbordbari	M.Karimi	SH.Afsharpanah	K.Mehrdadi			
D0	20.MAY.24	IFI	R.Pourbordbari	G.Haghighattalab	F.Shamasblou	K.Mehrdadi			
REV.	DATE	PURPOSE OF ISSUE	PREP	CKD.	APP.	APPROVED	BY	DATE	
			ENGINEER			CONTRACTOR	COMPANY		
This document is the property of NIOC: it must NOT be stored, reproduced or disclosed to other without written authorization from the NIOC.									
 Pars Oil & Gas Company			SOUTH PARS GAS FIELD DEVELOPMENT PHASE 11 EPCI CONTRACT FOR TOPSIDE, ANCILLARIES & TRIPODS (SP11A)			 PETROPARS		 ISOICO	
 SLT INTERNATIONAL									
DOCUMENT TITLE:									
ELECTRICAL LIGHTING AND SMALL POWER INSTALLATION STANDARDS									
PURPOSE OF ISSUE (CONTRACTOR STATUS): IFR: Issued for review-IFA:Issued for Approval-AFC: Approved for Construction-IFI : Issued for Information – ASB : As-built Class Code: 1=For Approval – 2=For Review – 3=For Information									
DISC: EL		E-FILE: SP11-10-D-15-8-235-D2				SHT. NO: 14 OF 16			
SIZE: A1	FIELD	ZONE	STAGE	DISCIPLINE CODE	DOCUMENT TYPE	SEQUENTIAL NO.	REVISION	STATUS	CLASS
SCALE: N.T.S	SP11	10	D	15	8	235	D2	IFI	3

SYMBOL :



PLAN VIEW – BASE PLATE.

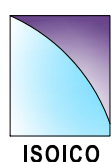
TYPE	QTY	DESCRIPTION
1	1	2x36W FLUORESCENT LIGHTING FIXTURE
2	1	LIGHTING JUNCTION BOX (IF ANY)
3	3	Ex'd' CABLE GLAND
4	1	50mm $\emptyset$ HOT DIP GALVANIZED STEEL PIPE, SCH. 80.
5	1	125mm $\emptyset$ HOT DIP GALVANIZED STEEL PIPE, SCH. 80.

NOTE:

1. ALL DIMENSIONS ARE IN MILLIMETERS.

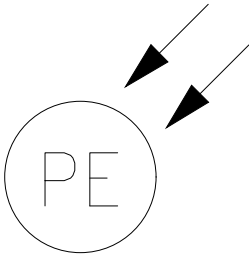
P. FREE DIMENSIONS ARE IN MILLIMETERS:								
D1	01.DEC.25	IFI	S.Khaksari	R.Pourbordbari	SH.Afsharpanah	K.Mehrdadi		
D1	04.FEB.25	IFI	R.Pourbordbari	M.Karimi	SH.Afsharpanah	K.Mehrdadi		
D0	20.MAY.24	IFI	R.Pourbordbari	G.Haghighattalab	F.Shamasblou	K.Mehrdadi		
REV.	DATE	PURPOSE OF ISSUE	PREP	CKD.	APP.	APPROVED	BY	DATE
ENGINEER						CONTRACTOR	COMPANY	

This document is the property of NIOC: it must NOT be stored, reproduced or disclosed to other without written authorization from the NIOC.

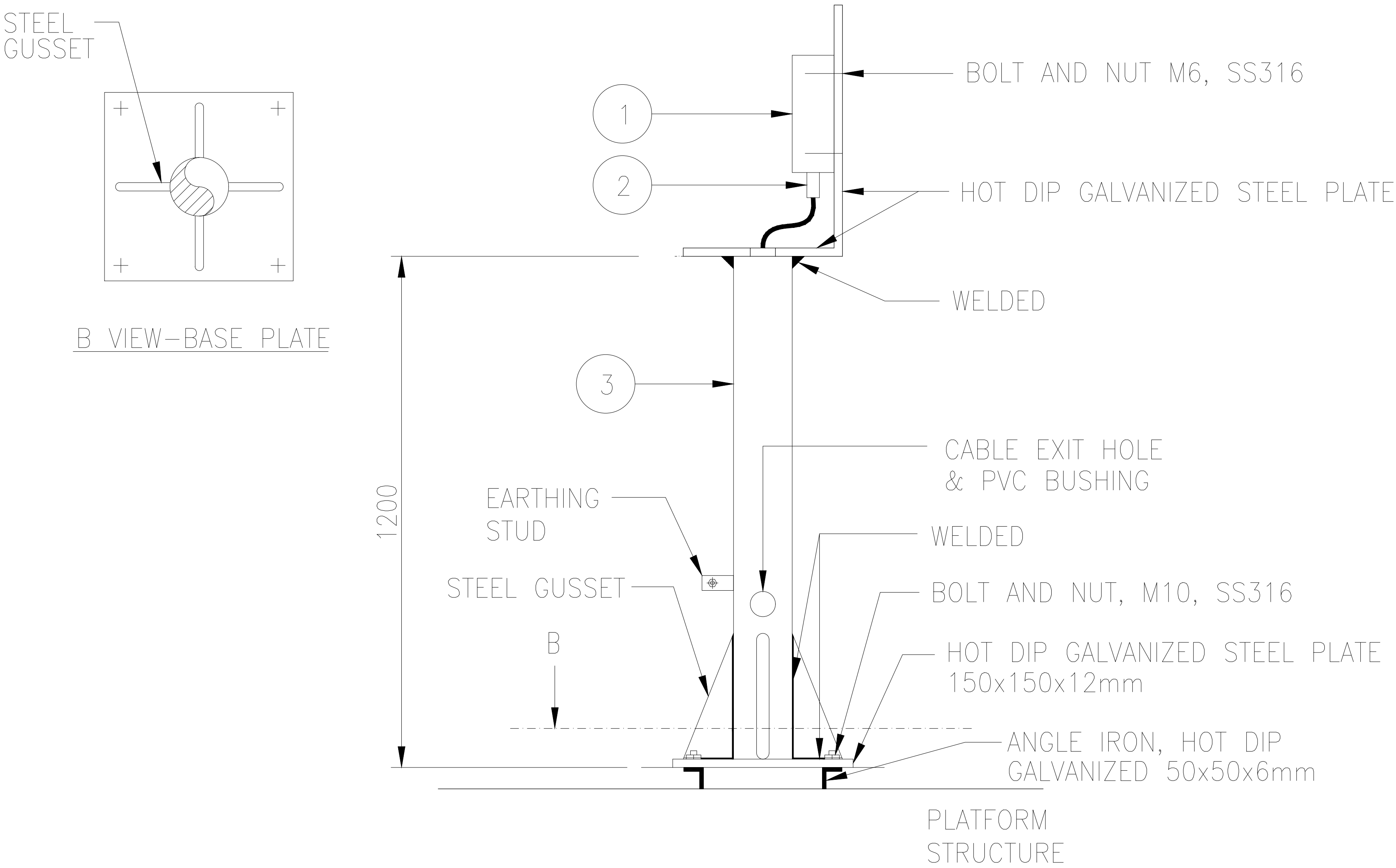
 N.I.O.C Pars Oil & Gas Company	SOUTH PARS GAS FIELD DEVELOPMENT PHASE 11 EPCI CONTRACT FOR TOPSIDE, ANCILLARIES & TRIPODS (SP11A)				 PETROPARS	 ISOICO  SLT INTERNATIONAL			
DOCUMENT TITLE: ELECTRICAL LIGHTING AND SMALL POWER INSTALLATION STANDARDS									
PURPOSE OF ISSUE (CONTRACTOR STATUS): IFR: Issued for review-IFA: Issued for Approval-AFC: Approved for Construction-IFI : Issued for Information – ASB : As-built Class Code: 1=For Approval – 2=For Review – 3=For Information									
DISC: EL	E-FILE: SP11-10-D-15-8-235-D2					SHT. NO: 15 OF 16			
SIZE: A1	FIELD	ZONE	STAGE	DISCIPLINE CODE	DOCUMENT TYPE	SEQUENTIAL NO.	REVISION	STATUS	CLASS
SCALE: N.T.S	SP11	10	D	15	8	235	D2	IFI	3

STANDARD N° L14

SYMBOL :



PHOTOCELL UNIT MOUNTING



TYPE	QTY	DESCRIPTION
1	1	Ex'd' PHOTOCCELL UNIT
2	1	Ex'd' CABLE GLAND
3	1	50mm Ø GALVANIZED STEEL PIPE, SCH. 80.



SOUTH PARS GAS FIELD DEVELOPMENT

PHASE 11

EPCI CONTRACT FOR TOPSIDE,
ANCILLARIES & TRIPODS (SP11A)





ISOICO



DOCUMENT TITLE:

ELECTRICAL LIGHTING AND SMALL POWER
INSTALLATION STANDARDS

PURPOSE OF ISSUE (CONTRACTOR STATUS): IFR: Issued for review-IFA:Issued for Approval-AFC: Approved for Construction-IFI : Issued for Information - ASB : As-built
Class Code: 1=For Approval - 2=For Review - 3=For Information

DISC: EL	E-FILE: SP11-10-D-15-8-235-D2	SHIT. NO: 16 OF 16
SIZE: A1	FIELD ZONE STAGE DISCIPLINE CODE DOCUMENT TYPE SEQUENTIAL NO. REVISION STATUS CLASS	
SCALE: N.T.S	SP11 10 D 15 8 235 D2 IFI 3	