



elf aquitaine norge a/s

CDP 1

**SUBSEA
AS BUILT FILE**

ELF AQUITAINE NORGE A/S
FRIGG FIELD

CONCRETE DRILLING PLATFORM
C.D.P. 1

SUMMARY OF STEEL ITEMS EMBEDDED
IN CONCRETE TO BE CHECKED ON PLATFORM

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A - GENERALITES

- During a meeting held in E.A.N. offices on the 6th of December 1983, it has been discussed the necessity to make a document which will summarized all steel items embedded in concrete (base plates, ladders, supports, guides, pad-eyes, etc...) where there is a doubt about presence or present condition.
- The aim of this document is to help E.A.N. and the diving company contracted to carried out maintenance works on the platform.

At present time the document will help EAN/OCD people to plan their inspection programme for the 1984 diving season.

- This document is made in relation with another document called "As Built Drawings for CDP 1 Platform" now under completion.

B - IMPORTANT NOTES

- Steel items to be inspected are clearly shown on sketch with colored pen marks.
- Detail of steel items are also given for information at the end of each part.
- All additional steel items not shown or omitted on the sketches must be reported in order to update the final as built drawing.

C - DETAILED SCOPE OF WORK

This document is splitted in three parts :

PART I

Inspection outside breakwater wall for all cells A.B.C.D.E.F. from top of breakwater wall down to construction joint at level -31.335 M.L.W.

- Inspection can be done visually and reported.
- Still pictures can be taken.
- Measurement can be taken (sketches to be issued).
- Inspection on outside B.W.W. can be done from a diving vessel or a zodiac boat.

PART II

Inspection inside breakwater wall for all cells A.B.C.D.E. and F.
from top of breakwater wall down to solid ballastat level -40 m
M.L.W.

- This inspection can be carried out from the diving module.
- Diving inspection report.
- Still pictures can be taken.

PART III

Inspection inside all cells A.B.C.D.E. and F, from the top of breakwater wall down to solid ballast at -40 m M.L.W.

- This inspection can be carried out from the diving module.
- Diving inspection report.
- Still picture to be taken.

- PART I -

INSPECTION OUTSIDE BREAKWATER WALL FOR ALL
CELLS A.B.C.D.E.F., FROM TOP OF BREAKWATER WALL
DOWN TO CONSTRUCTION JOINT AT LEVEL -31.335 M M.L.W.

SIMINEX RISER PLATF.
SEE SECTION 6

EMERGENCY LADDER
SEE SK: FF 91.36.35.1564

WALKWAY

PRESTRESSING CABLES
CACHETAGE

WALKWAY AROUND COL.H'4
SEE SK: FF. 91.36.35.1575

PRESTRESSING CABLES
CACHETAGE

ACCESS WALKWAY TYPE "2"
SEE SK: FF 91.36.35.1563

CELL "F"

CELL "A"

WAY ABOVE RAIL
SEE SK: FF. 91.36.35.1570

ACCESS STAIRCASE
NORTH

SIMINEX RISER PLATF.
SEE SECTION 6

TRANSFER RAILS FOR
DIVING MODULE

DIVING MODULE RAIL
SEE SECTION 9

PRESTRESSING CABLES
CACHETAGE

CACHETAGE

CELL "E"

CELL "B"

DIVING STORAGE PLATFORM
SEE SECTION 11

ACCESS WALKWAY TYPE "1"
SEE SK: FF. 91.36.35.1562

EMERGENCY LADDER
SEE SK: FF. 91.36.35.1569

ACCESS STAIRCASE
SOUTH

WALKWAY AROUND
CENTRAL SHAFT

ACCESS WALKWAY TYPE "1"
SEE SK: FF. 91.36.35.1561

EMERGENCY LADDER
SEE SK: FF 91.36.35.1564

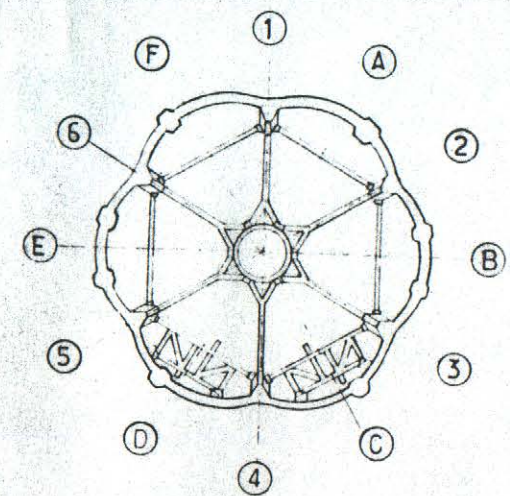
EMERGENCY LADDER
SEE SK: FF 91.36.35.1564

CELL "D"

CELL "C"

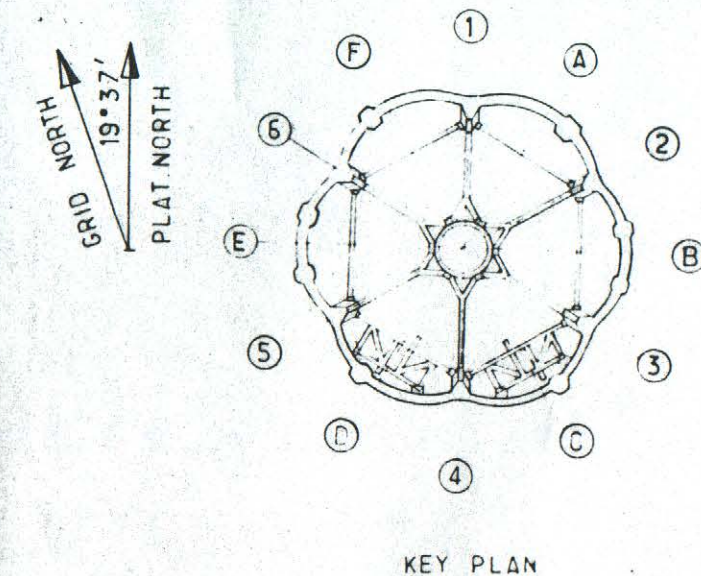
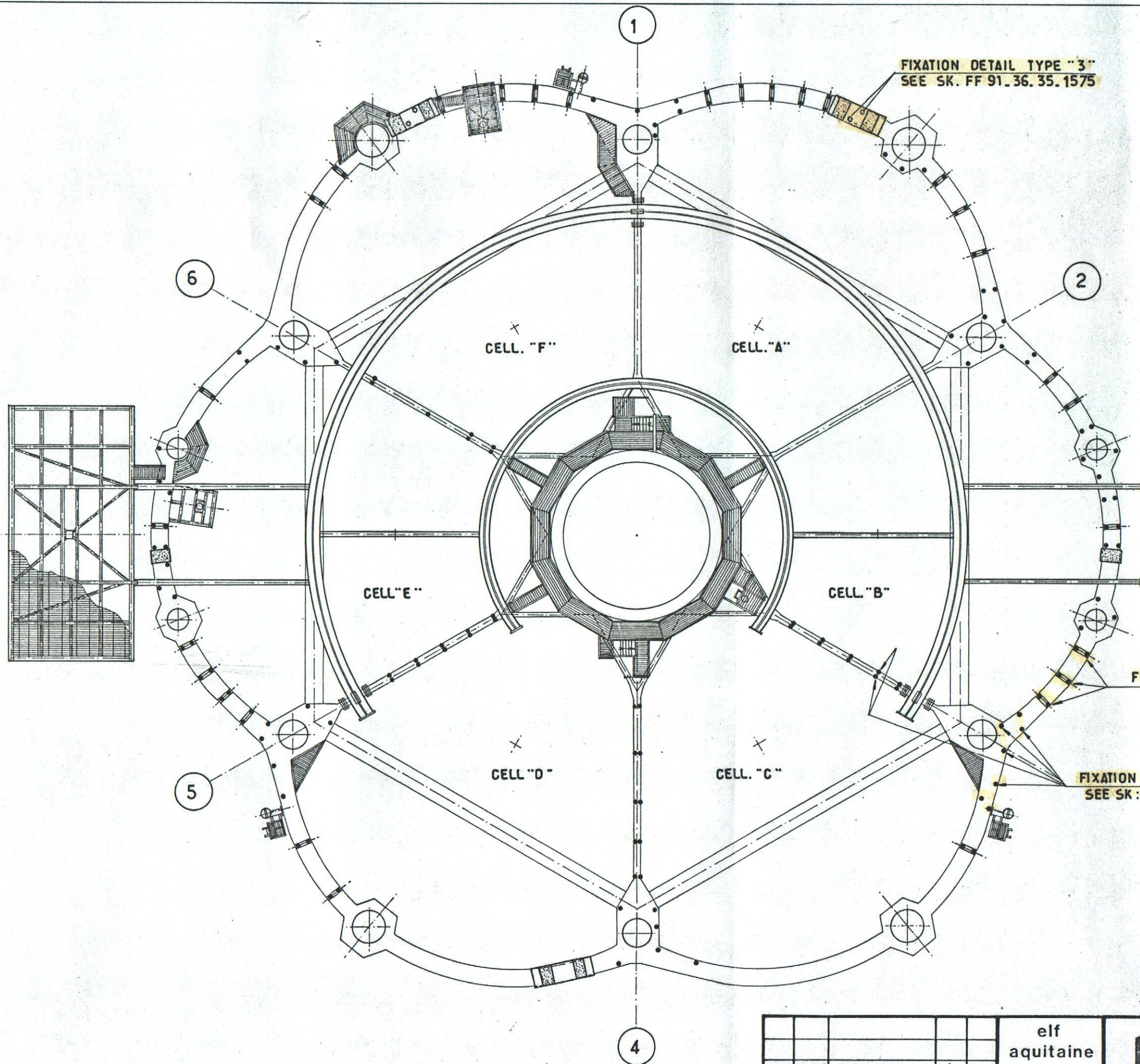
PRESTRESSING CABLES
CACHETAGE

GRID NORTH
19°37'
PLAT. NORTH



NOTE : FOR HANDRAIL GENERAL ARRANGEMENT
SEE SK: FF 91.36.35.1576

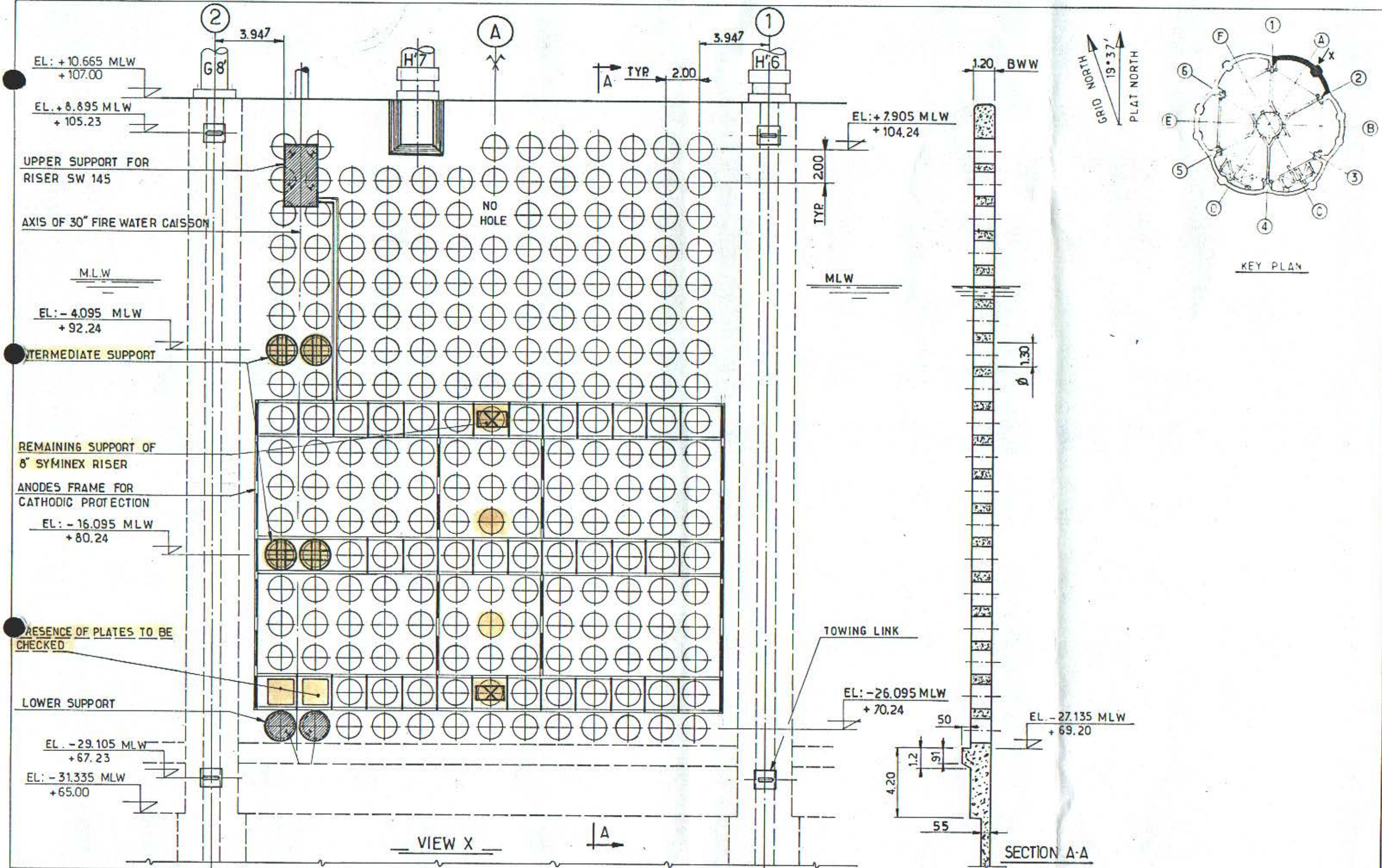
elf aquitaine norge a/s				Job no.	Installation CDP 1	System UNDERWATER
1	12/83	UPDATED	miro J.L.C.	Scale 1:250	GENERAL ARRANGEMENT ON TOP OF BREAKWATER WALL - LEV.+107.00 m.	
Rev.	Date	DESCRIPTION	by app.	Dwgr. no	FF 91.36.35.1560	1
Contractor JVD 1029. 70. 01				4001 Stavanger FRIGG FIELD		



- LEGENDE :**
- - DETAIL "1"
 - - DETAIL "2"
 - - DETAIL "3"

NOTE : SEE GENERAL COMMENTS IN PARAGRAPH III

elf aquitaine norge a/s p.o.box 168 4001 Stavanger				elf		Job no.	Installation CDP 1	System UNDERWATER
1	12/83	UPDATED	mir	JLC		Scale	HANDRAIL GENERAL ARRANGEMENT ON TOP OF BREAKWATER WALL (107.00m)	
Contractor JVD 1029. 70.13				FRIGG FIELD		Dwgr. no.	FF 91_36_35_1572	1

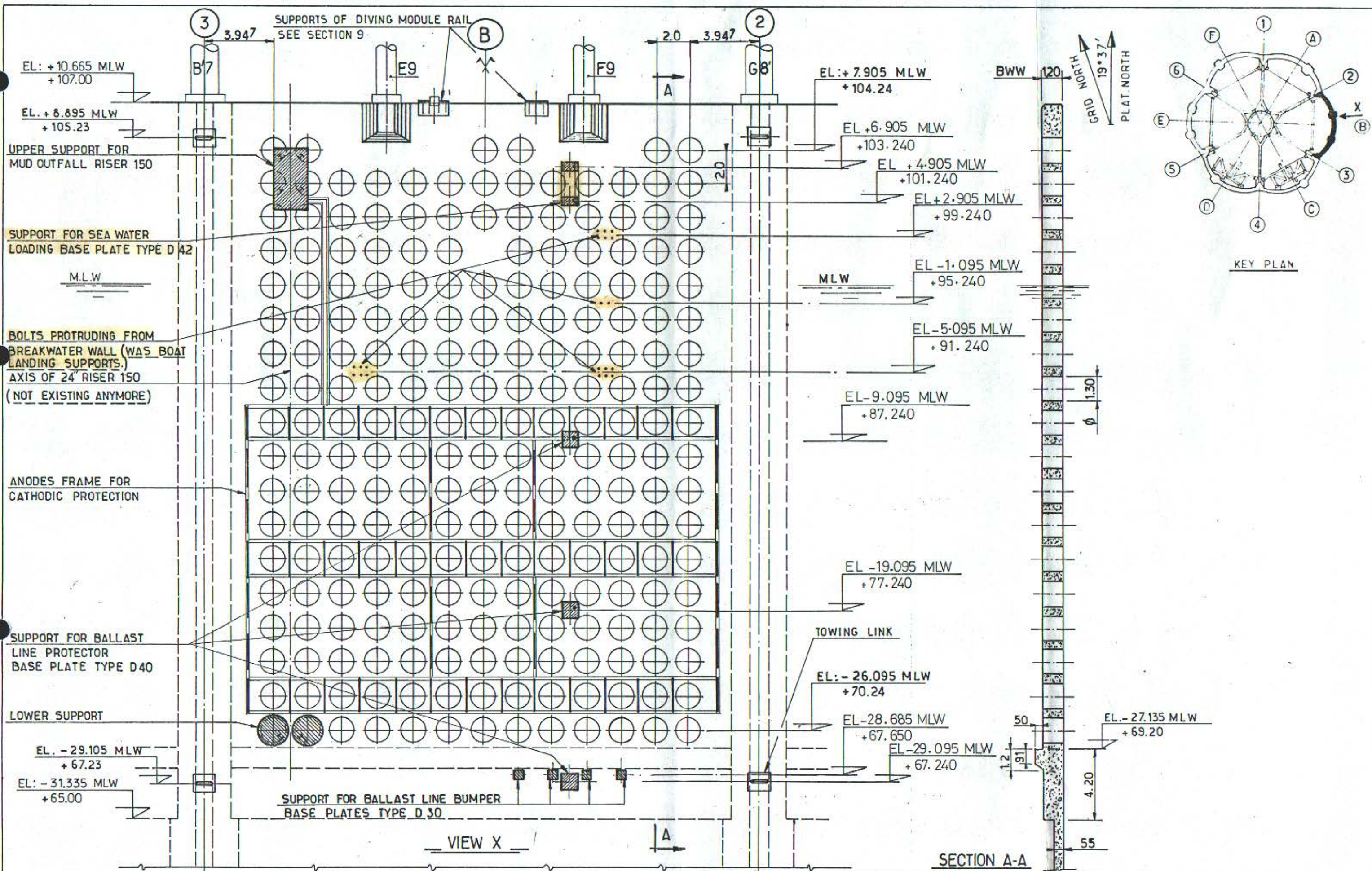


NOTES

UPPER SUPPORT RISER SW 145	SEE SK. FF 91-36-35-1514
INTERM. SUPPORT " "	" " "HOLD" NO CONST. ORG. FOUND.
LOWER SUPPORT " "	" " 1515
ANODES FRAME	" " 1611
SYMINEX RISER	" " 1549
TOWING LINK	" " 1152

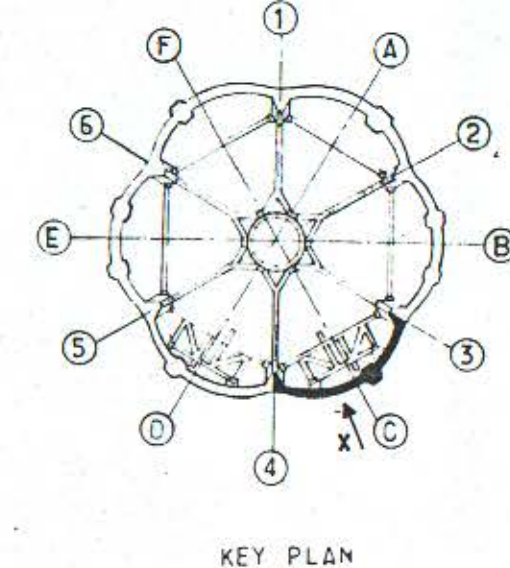
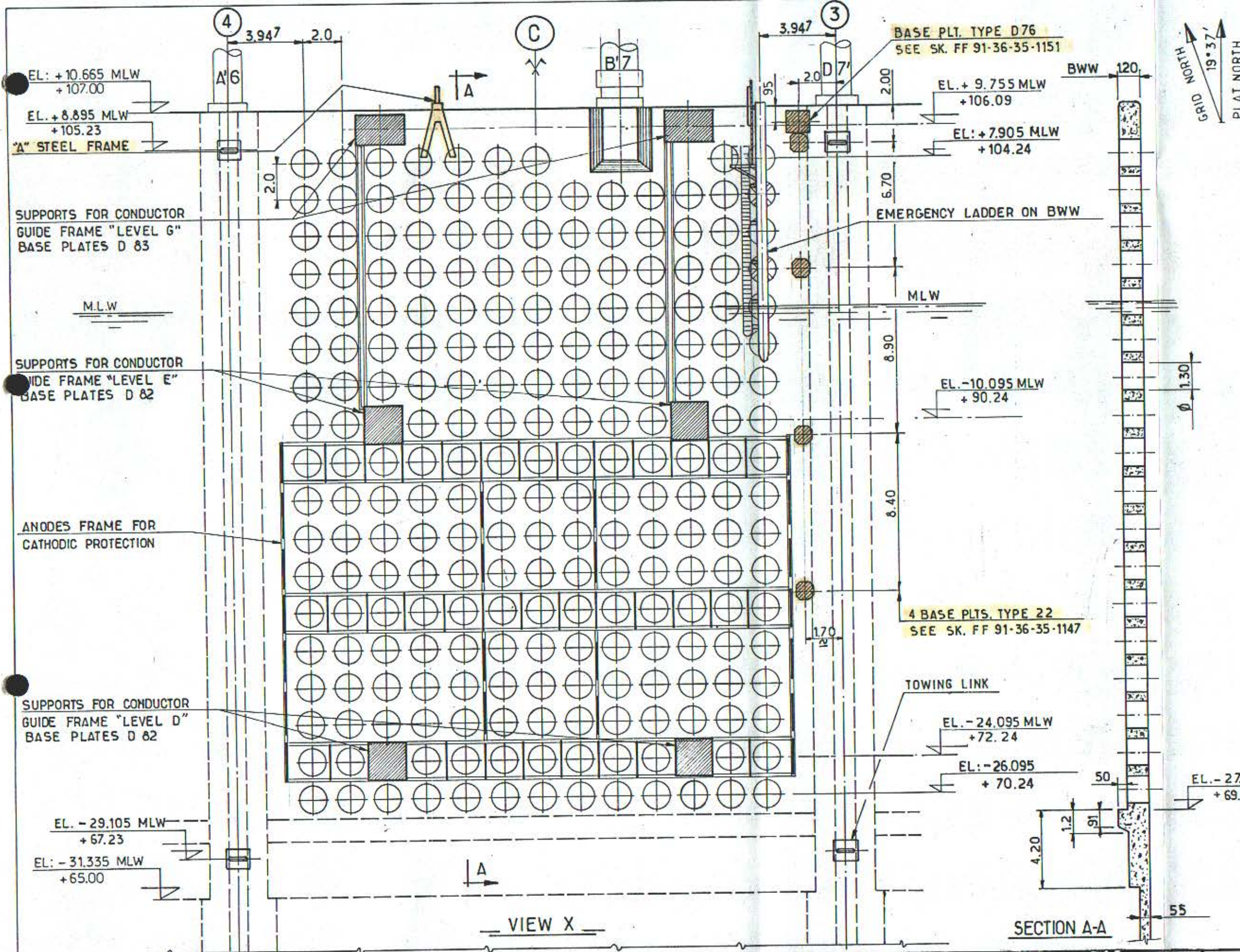
elf aquitaine norge a/s			
Rev.	Date	DESCRIPTION	by
1	10.83	UPDATED	ALC
Contractor JVD 1029 · 30 · 06			

elf		Job no.	Installation	System
FRIGG FIELD			CDP 1	UNDERWATER
Scale	1:200	BREAK WATER WALL — CELL A —		
Dwgr. no.		DEVELOPED EXTERNAL VIEW		
FF 91-36-35-1135		Rev.	1	Sheet



NOTES	
RISER 150 SUPPORTS	SEE SK. FF.91.36.35 -1524
SEA WATER LOADING SUPPORT	" 1153
BALLAST LINE PROTECTION SUPPORT	" 1154.1155
ANODES FRAME	" 1612
BALLAST LINE BUMPER	DOESNOT EXIST ANYMORE
TOWING LINK	FF 91.36.35.1152
BALLAST LINE PIPE DOESN'T EXIST ANYMORE.	

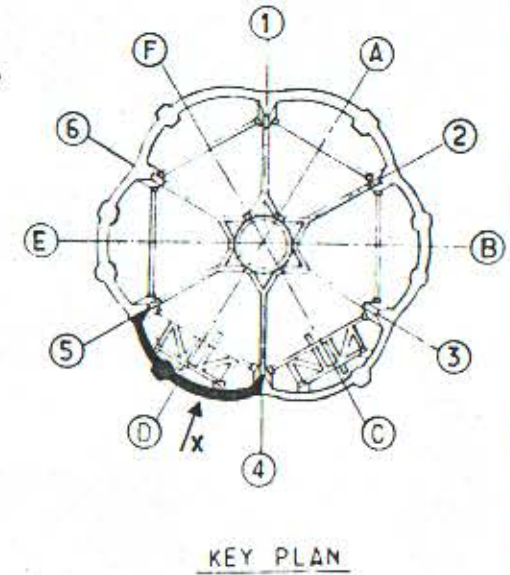
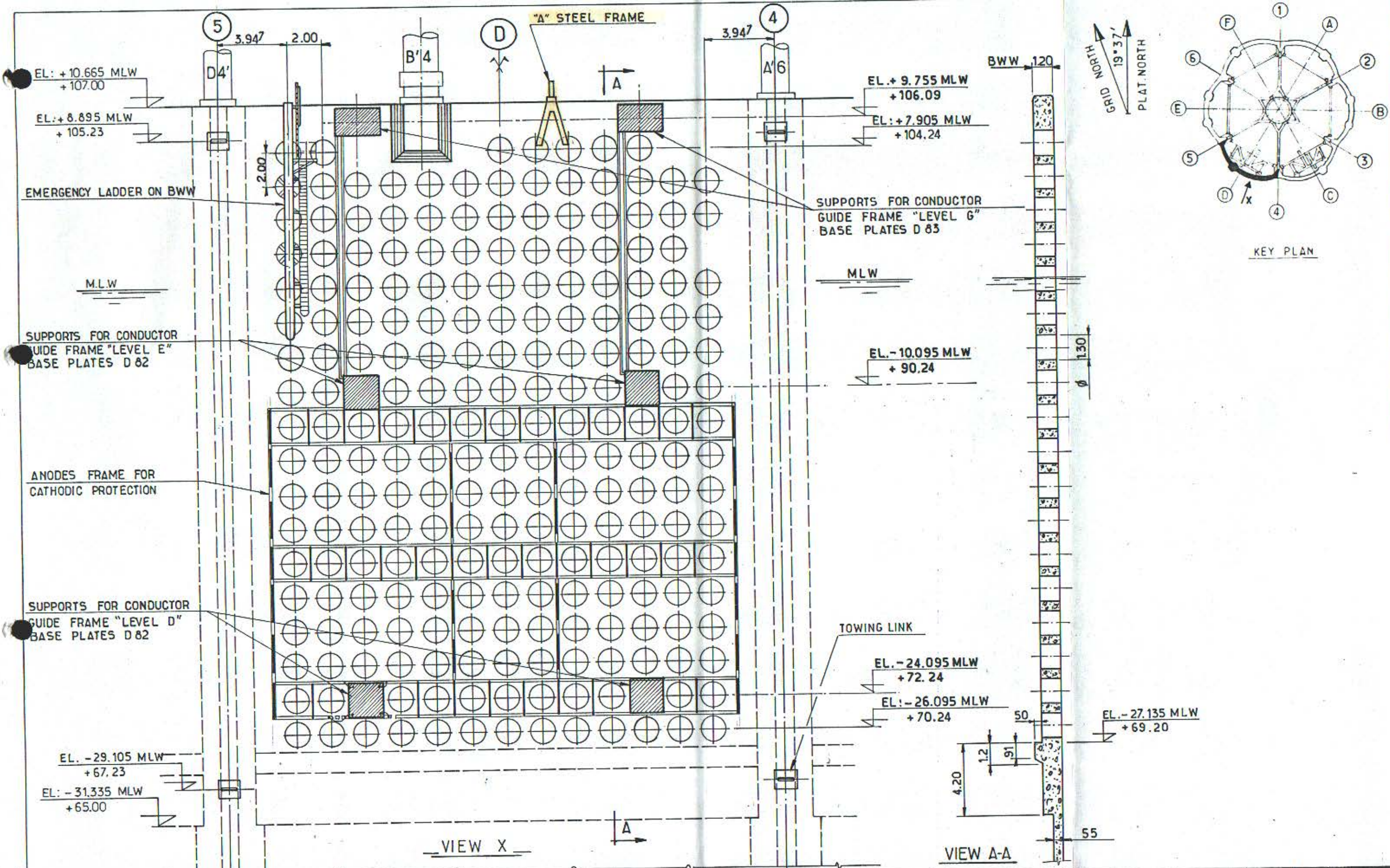
elf		Job no.		Installation		System	
aquitaine		10-83		CDP 1		UNDERWATER	
norge a/s		UPDATED		Scale		BREAK WATER WALL - CELL B -	
p.o.box 168		JIC JIC		1:200		DEVELOPED EXTERNAL VIEW	
4001 Stavanger		Rev. Date DESCRIPTION by app.		Dwgr. no		Rev.	
Contractor JVD 1029.30.07		FF 91-36-35-1136		1		Sheet	



NOTES FOR TOWING LINK

SUPPORTS LEVEL G	SEE SK. FF 91-36-35	1152
" " LEVEL E	" "	1160.1161
" " LEVEL D	" "	1160.1161
ANODES FRAME	" "	1613
LADDER ON BWB	" "	1564 to 1568
"A" STEEL FRAME	DRAWING DETAIL AND PURPOSE TO BE PROVIDED.	

elf aquitaine norge a/s		Job no.	Installation CDP 1	System UNDERWATER
p.o. box 168 4001 Stavanger		Scale 1:200	BREAK WATER WALL — CELL C — DEVELOPED EXTERNAL VIEW	
Contractor JVD 1029 30 08		Dwgr. no. FF 91-36-35-1137	Rev. 1	Sheet 1



NOTES

TOWING LINK — SEE SK. FF 91-36-35-1152

SUPPORTS LEVEL G — 1160-1161

— LEVEL E — 1160-1161

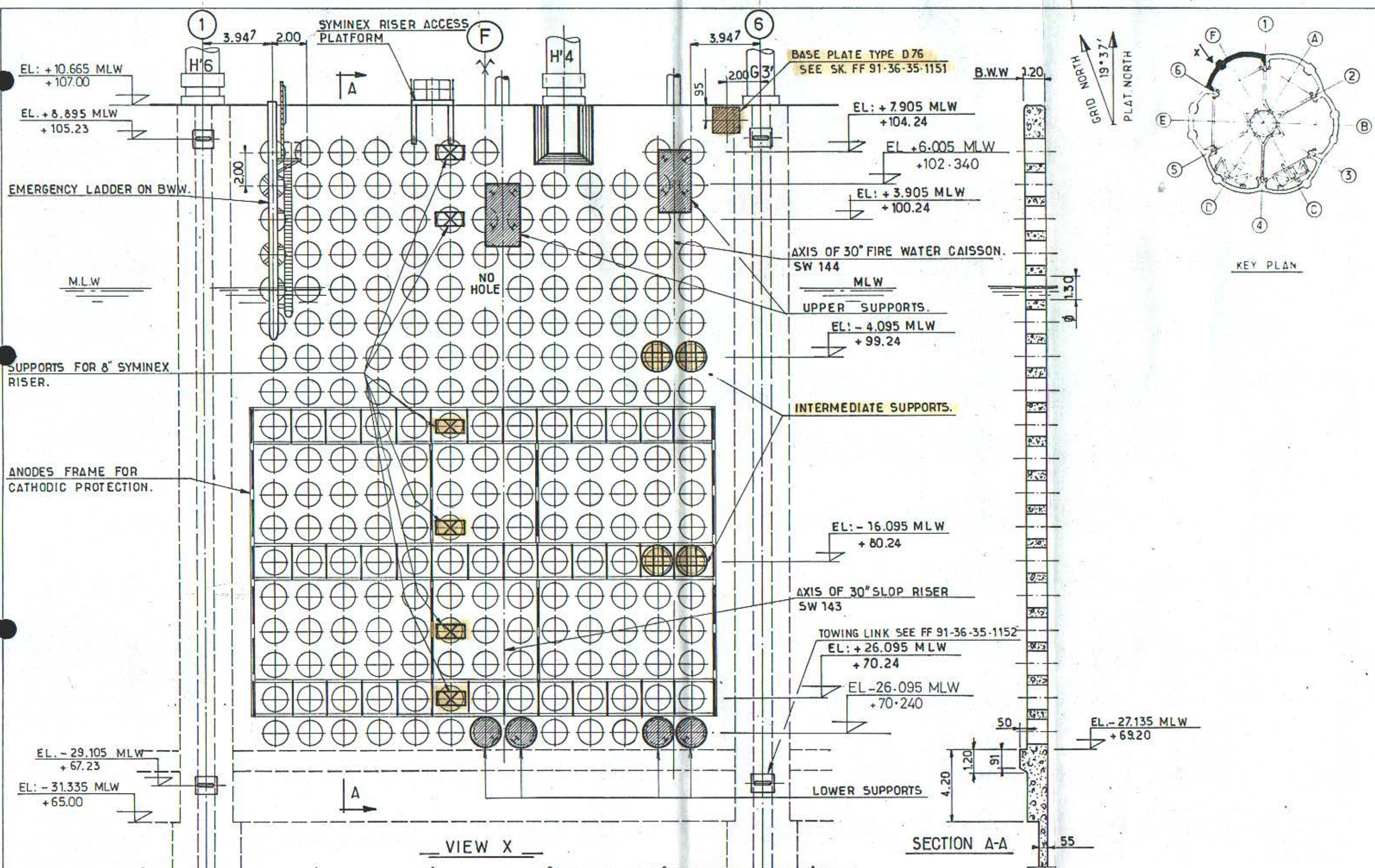
— LEVEL D — 1160-1161

ANODE FRAME — 1614

LADDER ON BWB — 1564 to 1568

"A" STEEL FRAME — DRAWING DETAIL AND PURPOSE TO BE PROVIDED.

1 10-83 UPDATED		1-16	7-16	elf aquitaine norge a/s		Job no.	Installation CDP 1	System UNDERWATER
Rev.	Date	DESCRIPTION	by	app.	p.o. box 168	Scale 1:200	BREAK WATER WALL — CELL D —	DEVELOPED EXTERNAL VIEW
Contractor JVD 1029-30-09						Dwgr. no.	FF 91-36-35-1138	Rev. 1
4001 Stavanger						FRIGG FIELD		Sheet



NOTES

SUPPORTS FOR RISERS SW 143-144 — SEE SK FF 91-36-36-1507 to 1510

INTERMEDIATE SUPPORT SW 144 — "HOLD" NO DRG. FOUND.

SYMINEX SUPPORTS — 1549 to 1553

SYMINEX PLATFORM — 1546

LADDER ON B.W.W. — 1564 to 1568

ANODES FRAME — 1616

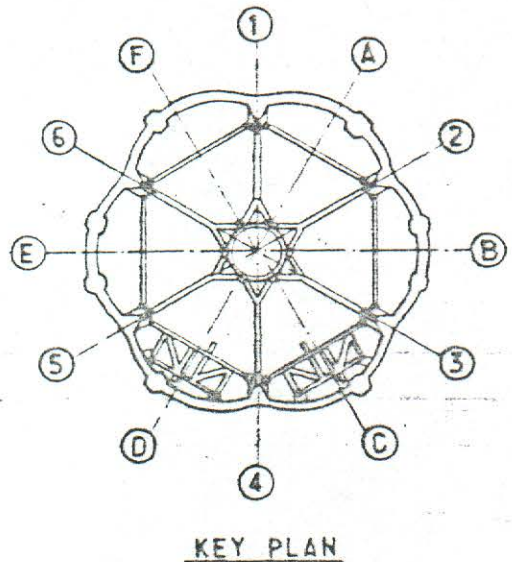
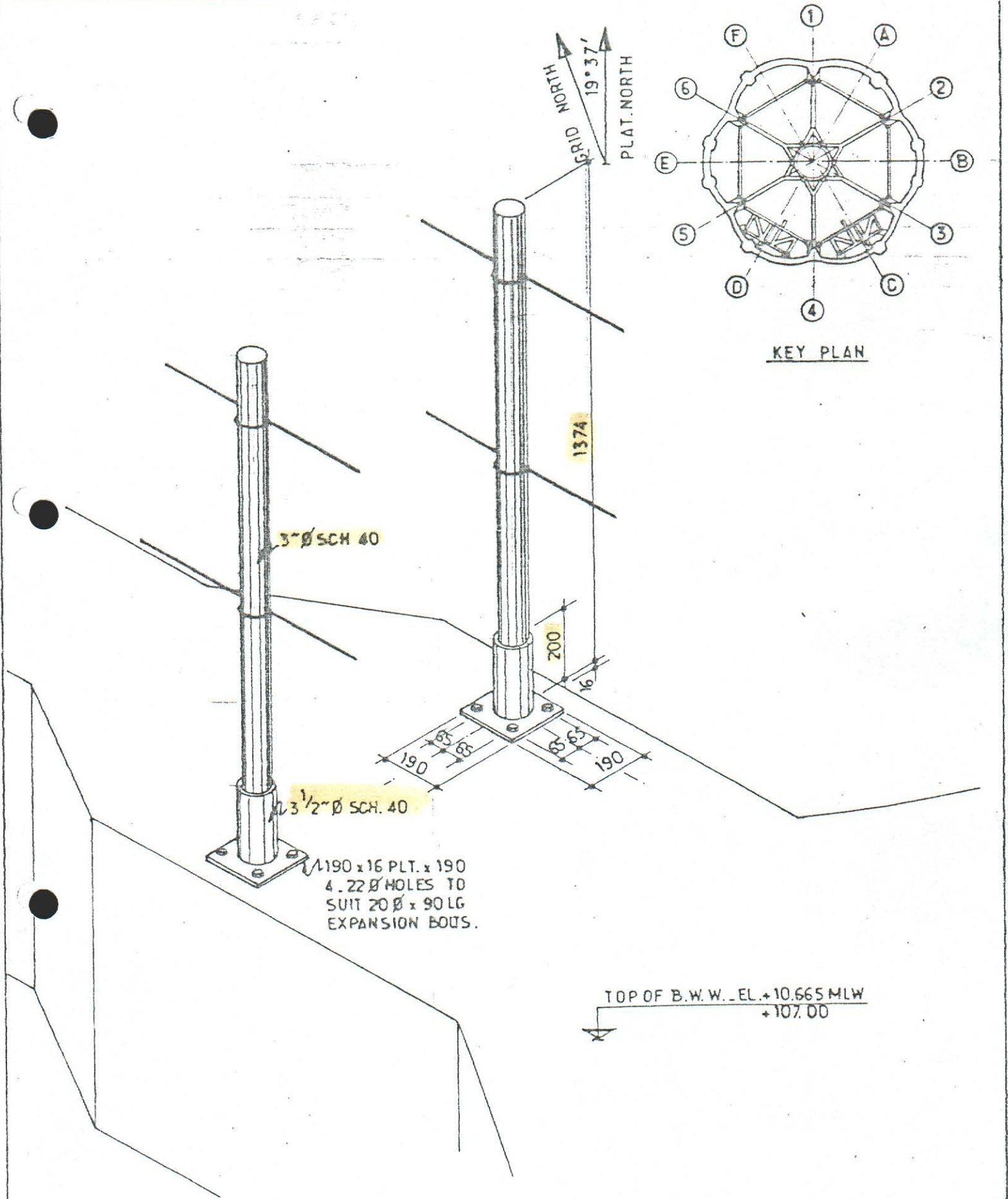
SYMINEX PIPE RISER DOESN'T EXIST ANYMORE AS WELL AS LOWER PART OF SLOP RISER.

1	10.83	UPDATED	JHC	JHC
Rev.	Date	DESCRIPTION	by	app.
Contractor JVD 1029 - 30-11				

elf
aquitaine
norge a/s
p.o. box 168
4001 Stavanger

FRIGG FIELD

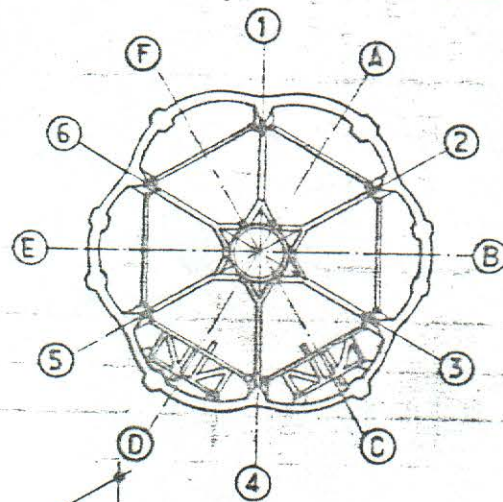
Job no.	Installation CDP 1	System UNDERWATER
Scale 1:200	BREAK WATER WALL — CELL F — DEVELOPED EXTERNAL VIEW	
Dwgr. no.	FF 91-36-35-1140	Rev. 1
Sheet		



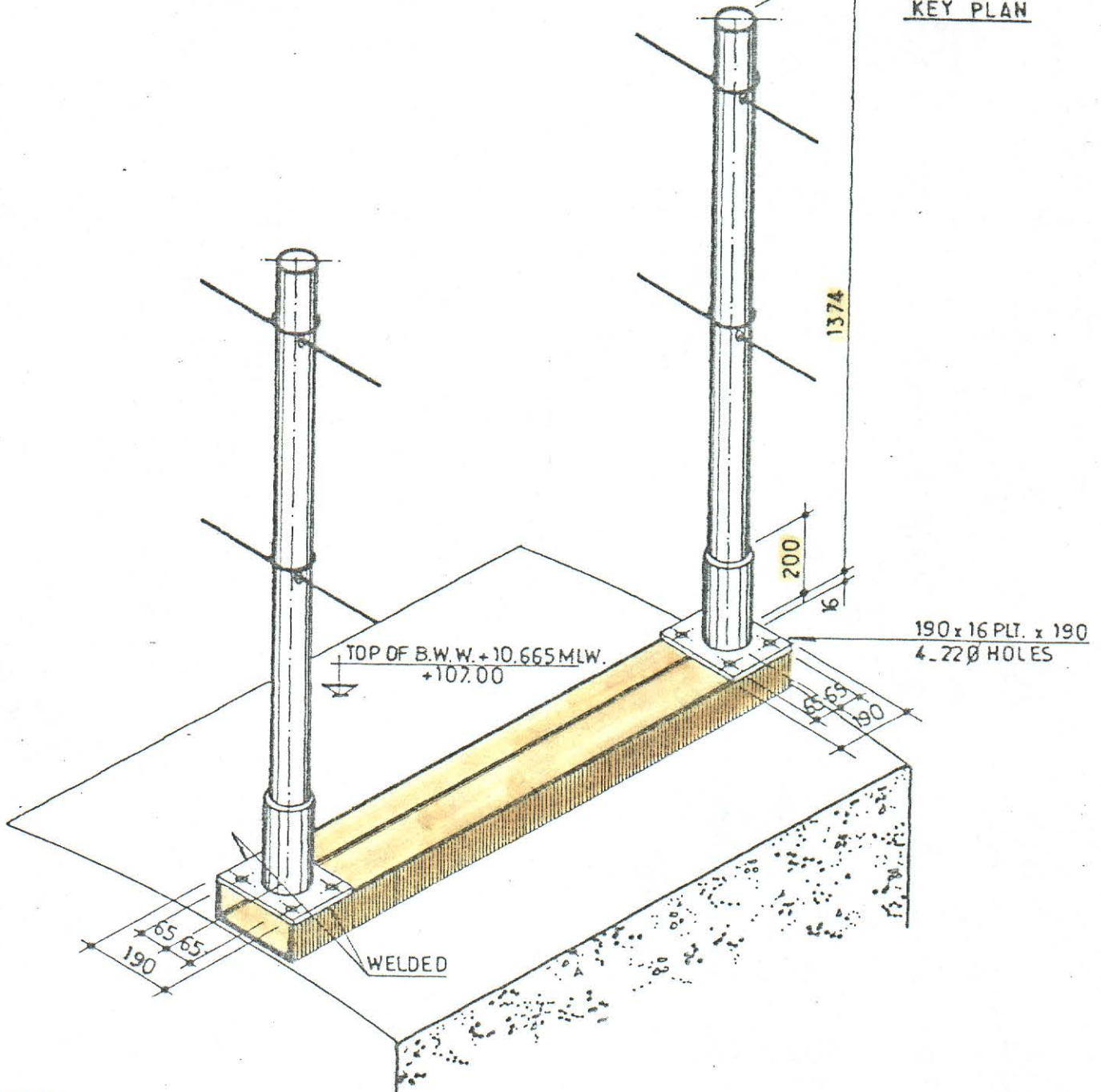
NOTES : _FOR LOCATION SEE SK. FF 91.36 _35_1576

					elf		Job no.	Installation CDP 1	System UNDERWATER	
					aquitaine		Scale —	HANDRAIL FIXATION DETAIL TYPE 1		
R283	UPDATED	m.			norge a/s	elf	Dwgr. no.	FF 91.36.35.1577	Rev 1	Sheet /
Rev.	Date	DESCRIPTION	by	app.	p.o.box 168					
Contractor JVD 1029.70.18					4001 Stevanger	FRIGG FIELD				

GRID NORTH
19° 37'
PLAT. NORTH

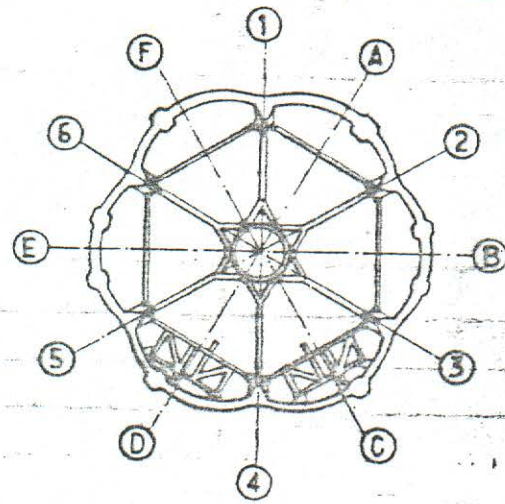
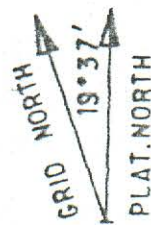


KEY PLAN

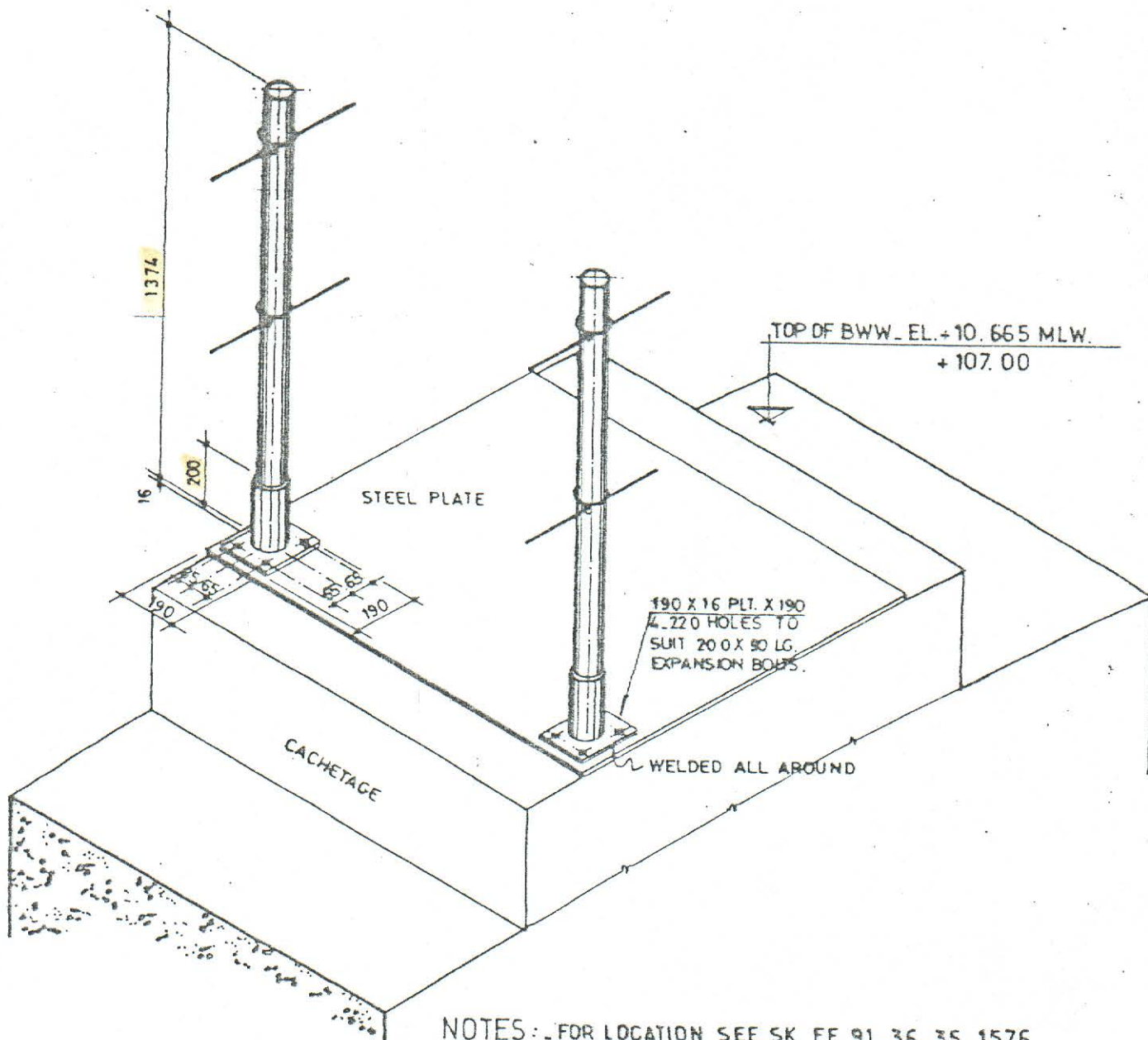


NOTES : - FOR LOCATION SEE SK. FF. 91_36_35_1576

			elf		Job no.	Installation	System
			aquitaine			CDP 1	UNDERWATER
12/83	UPDATED	m.	norge a/s		Scale	HANDRAIL FIXATION DETAIL	
Rev.	Date	DESCRIPTION	by	app.		TYPE 2	
Contractor JVD 1029. 70. 19			p.o.box 168		Dwgr. no.	FF 91_36_35_1578	
			4001 Stavanger			Rev	Sheet
			FRIGG FIELD			1	

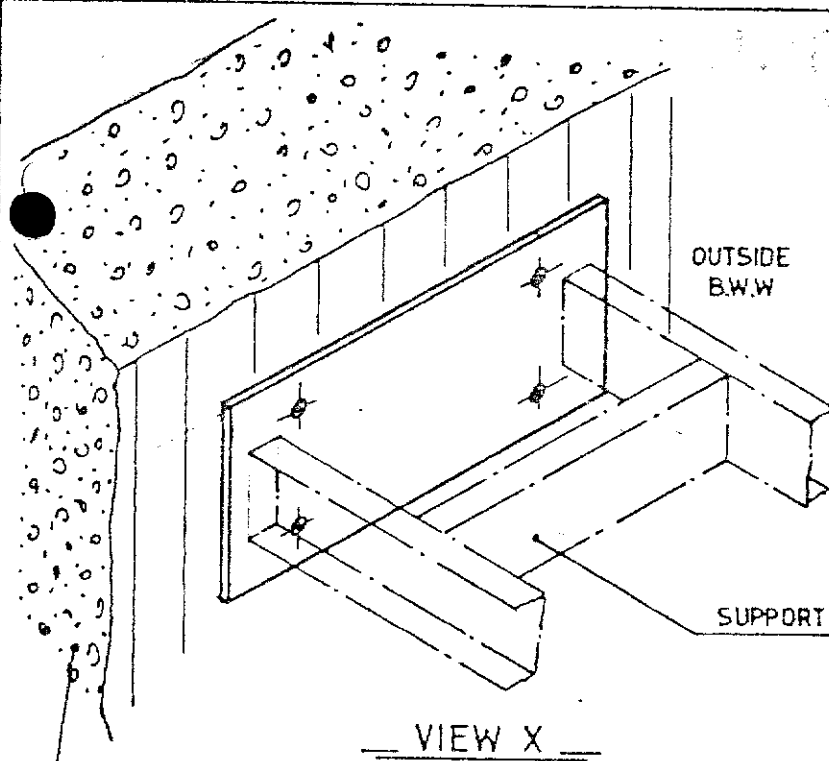


KEY PLAN

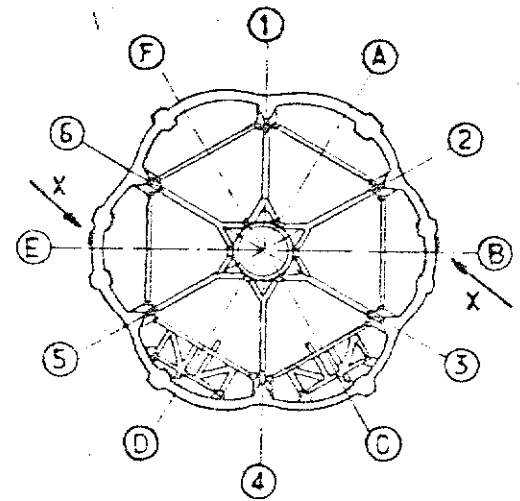


NOTES: FOR LOCATION SEE SK. FF 91_36_35_1576

					elf aquitaine norge a/s p.o.box 168 4001 Stavanger	 elf	Job no.	Installation CDP 1	System UNDERWATER
12/83	UPDATED	m.					Scale /	HANDRAIL FIXATION DETAIL TYPE 3	
Rev.	Date	DESCRIPTION	by	app.			Dwg. no. FF 91_36_35_1579	Rev 1	Sheet /
Contractor JVD 1029. 70. 20					4001 Stavanger	FRIGG FIELD			

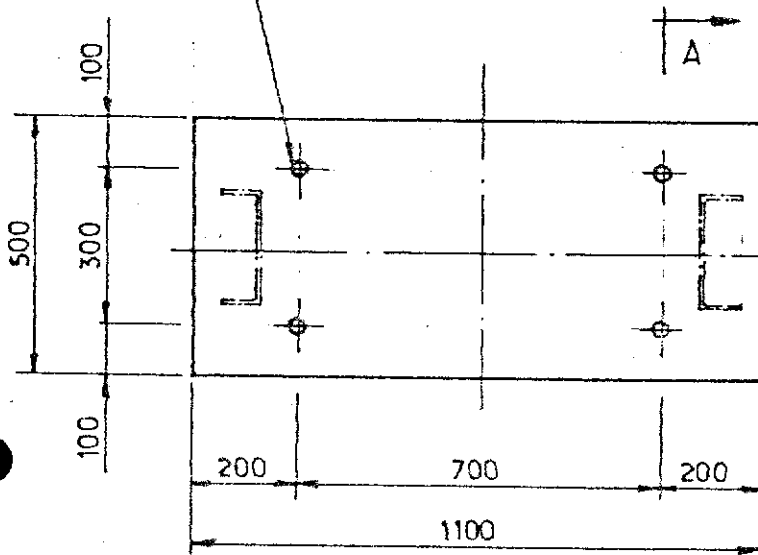


GRID NORTH
19°37'
PLAT. NORTH

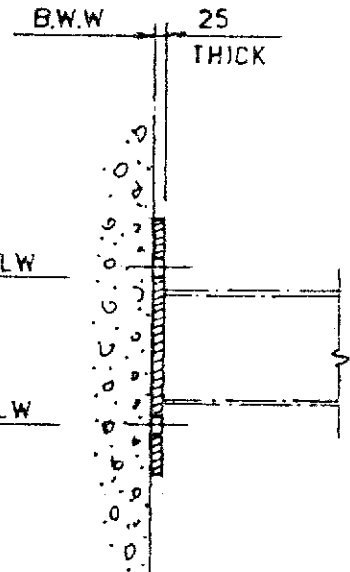


B.W.W

4 HOLES 32 DIA. FOR ANCHOR BOLTS 27 DIA



TOP EL: +6.905 MLW
+103.24
BTM EL: +4.905 MLW
+101.24



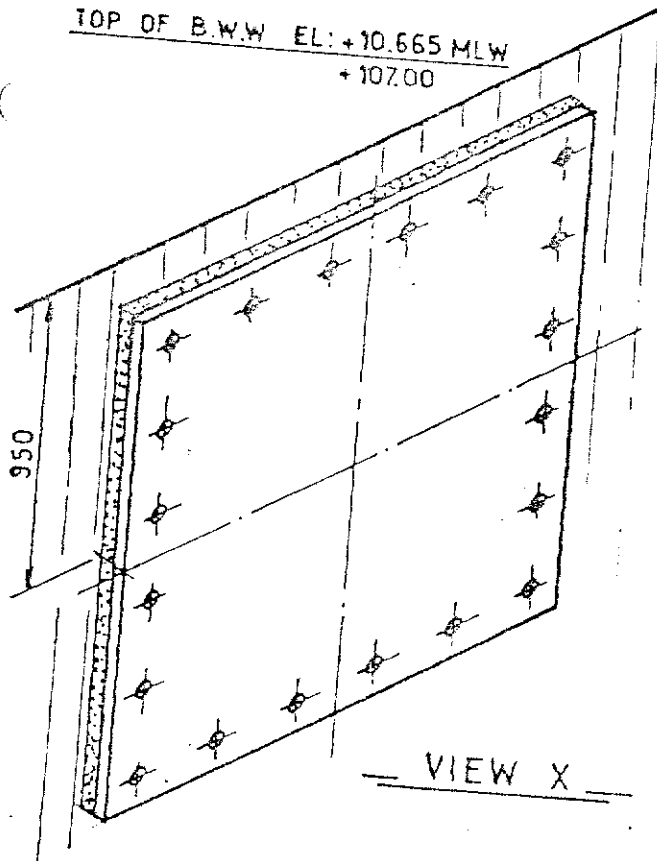
SECTION A-A

NOTES

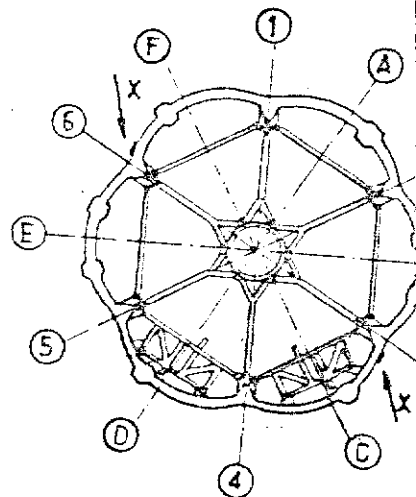
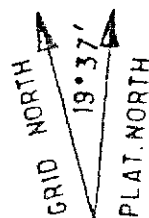
FOR ANCHOR BOLT ——— SEE SK. FF 91-36-35-1320
FOR SUPPORT OF BALLASTING LINE SEE ——— " ——— 1153
FOR LOCATION OF PLATE ——— " ——— 1136, 1139

				elf aquitaine norge a/s p.o. box 168 4001 Stavanger		Job no.	Installation CDP 1	System UNDERWATER
1	11-83	REDRAWN	146	740		Scale	BASE PLATE TYPE D 42 FOR SUPPORT OF BALLASTING LINE	
Rev.	Date	DESCRIPTION	by	app.		Dwgr. no.	FF 91-36-35-1150	Rev. 1
Contractor JVD 1029-30-21				4001 Stavanger		FRIGG FIELD		Sheet

TOP OF B.W.W EL: +10.665 MLW
+107.00

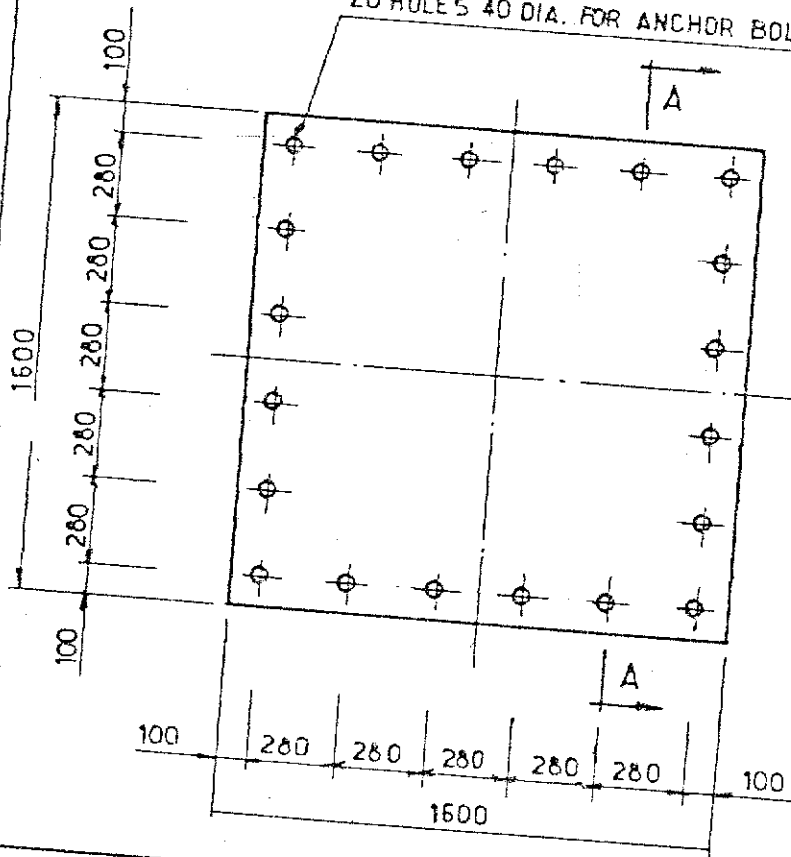


VIEW X



KEY PLAN

20 HOLES 40 DIA. FOR ANCHOR BOLTS 36 DIA.



EL: +9.715 MLW
+106.05

50
GROUT
35
THK.

SECTION A-A

NOTES

FOR LOCATION — SEE SK. FF 91-36-35-1137, 1140
FOR ANCHOR BOLT DTL. — 1320

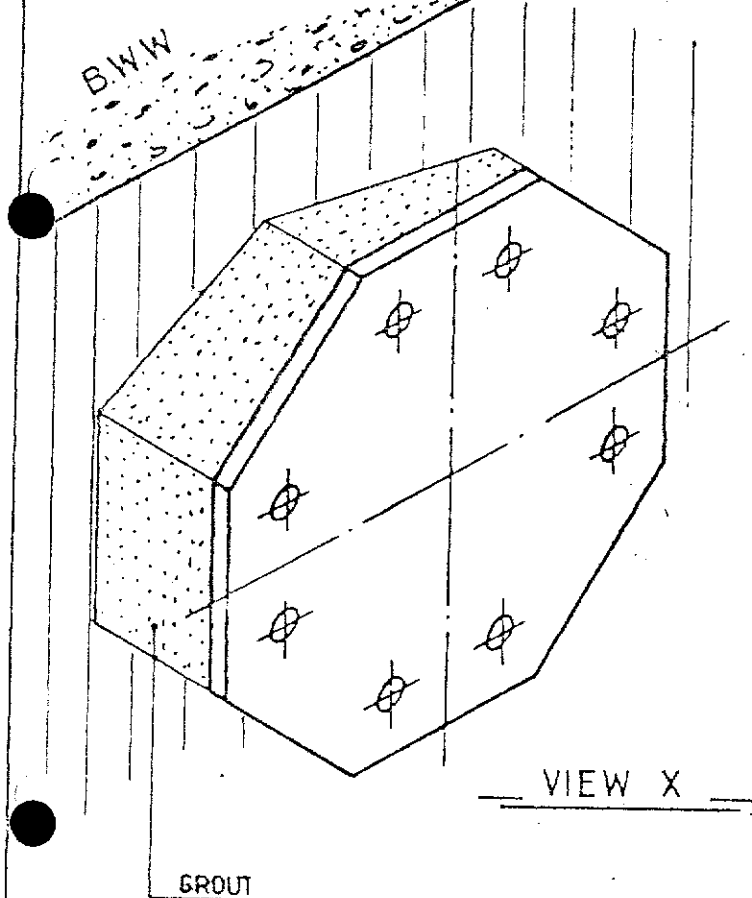
PRESENCE OF PLATE TO BE CHECKED (2 N°)

Rev.	Date	DESCRIPTION	by	app.
1	12-83	REDRAWN	JLD	JLD
Contractor JVD 1029 30 21				

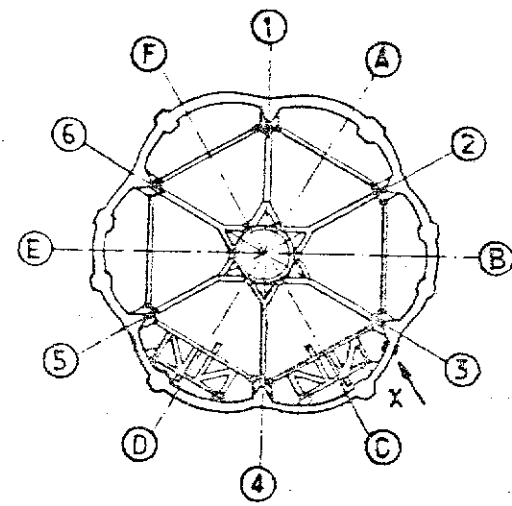
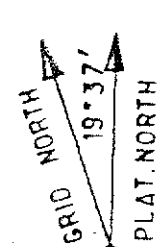
elf
aquitaine
norge a/s
p.o. box 168
4001 Stavanger



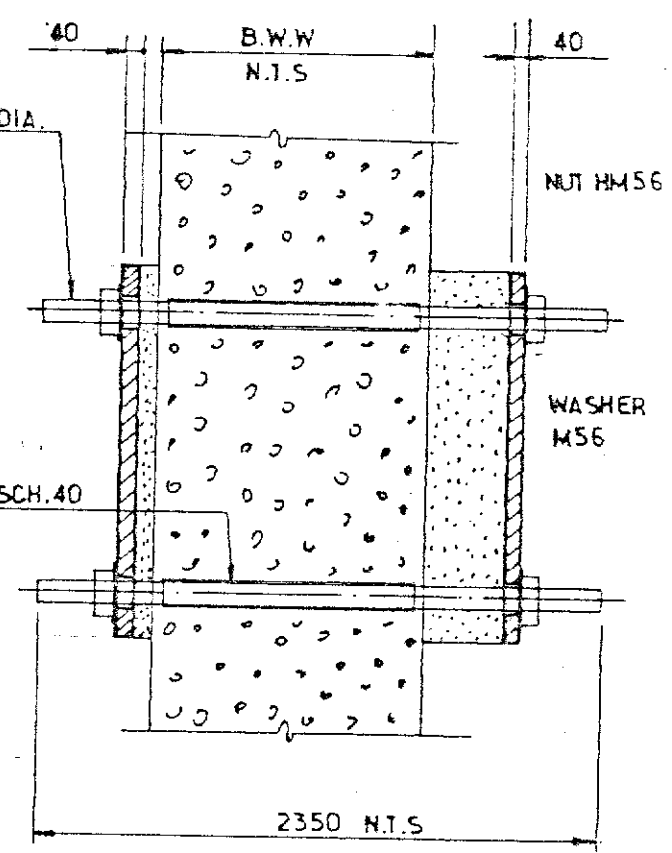
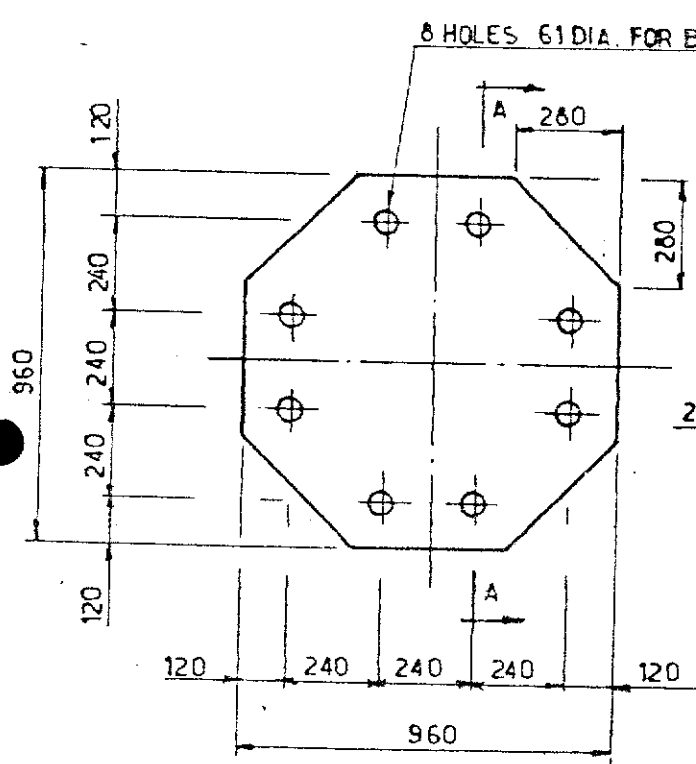
Job no.	Installation CDP 1	System UNDERWATER
Scale 1:25	BASE PLATE TYPE D 76 FOR SUPPORT OF SAND BALLASTING	
Dwgr. no.		



VIEW X



KEY PLAN



SECTION A-A

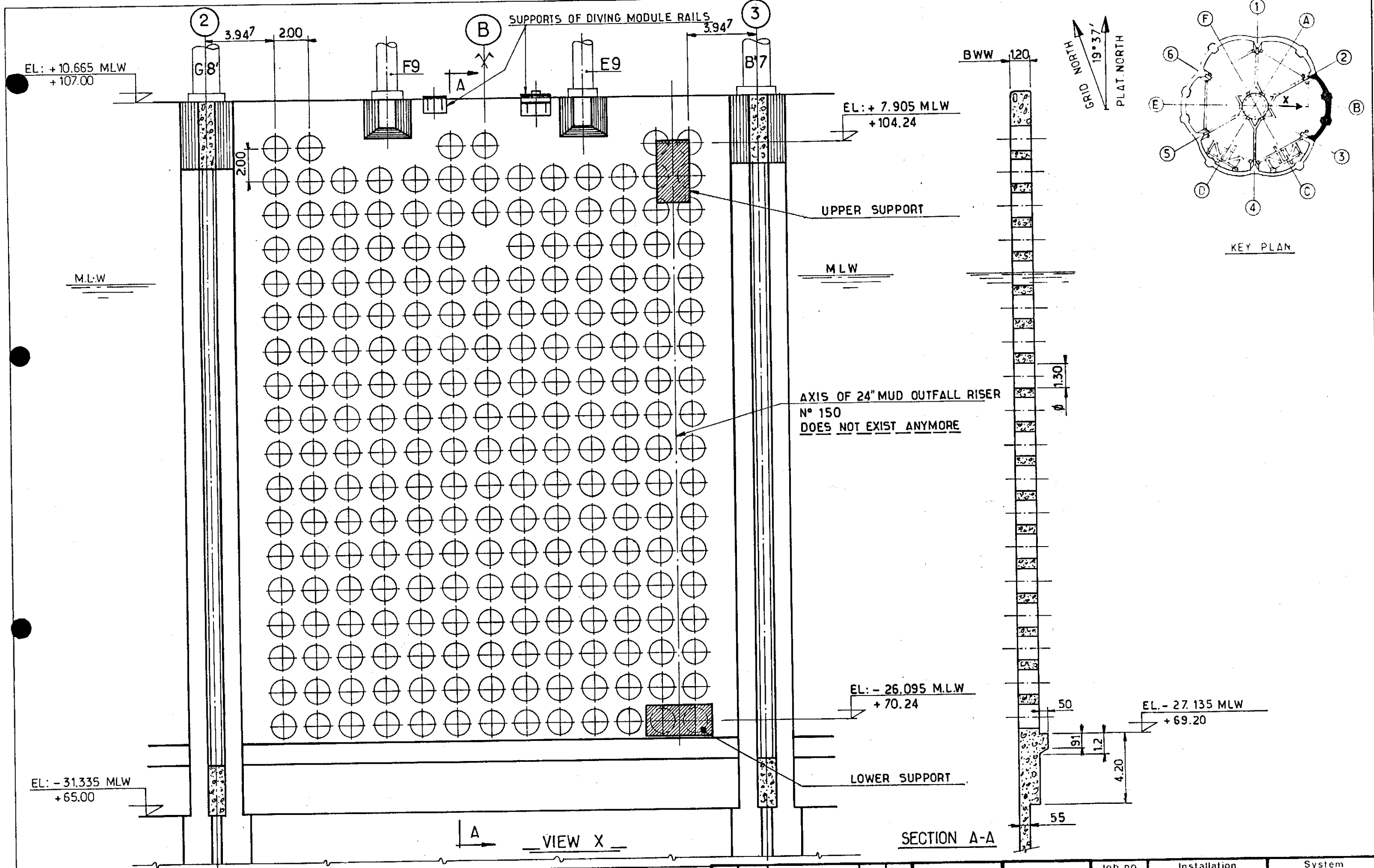
NOTES

FOR LOCATION SEE SK. FF 91-36-35-1137, 1143
PRESENCE OF BASE PLATES (6 N°) TO BE CHECKED.

elf aquitaine norge a/s p.o. box 168 4001 Stavanger				Job no.		Installation CDP 1	System UNDERWATER
1 11-83 REDRAWN				Scale 1:20		BASE PLATE TYPE 22 FOR EAST FIREWATER PUMP CASING	
Rev. Date DESCRIPTION by app.				Dwgr. no.		Rev.	Sheet
Contractor JVD 1029 30 18				FRIGG FIELD		FF 91-36-35-1147	1

- PART II -

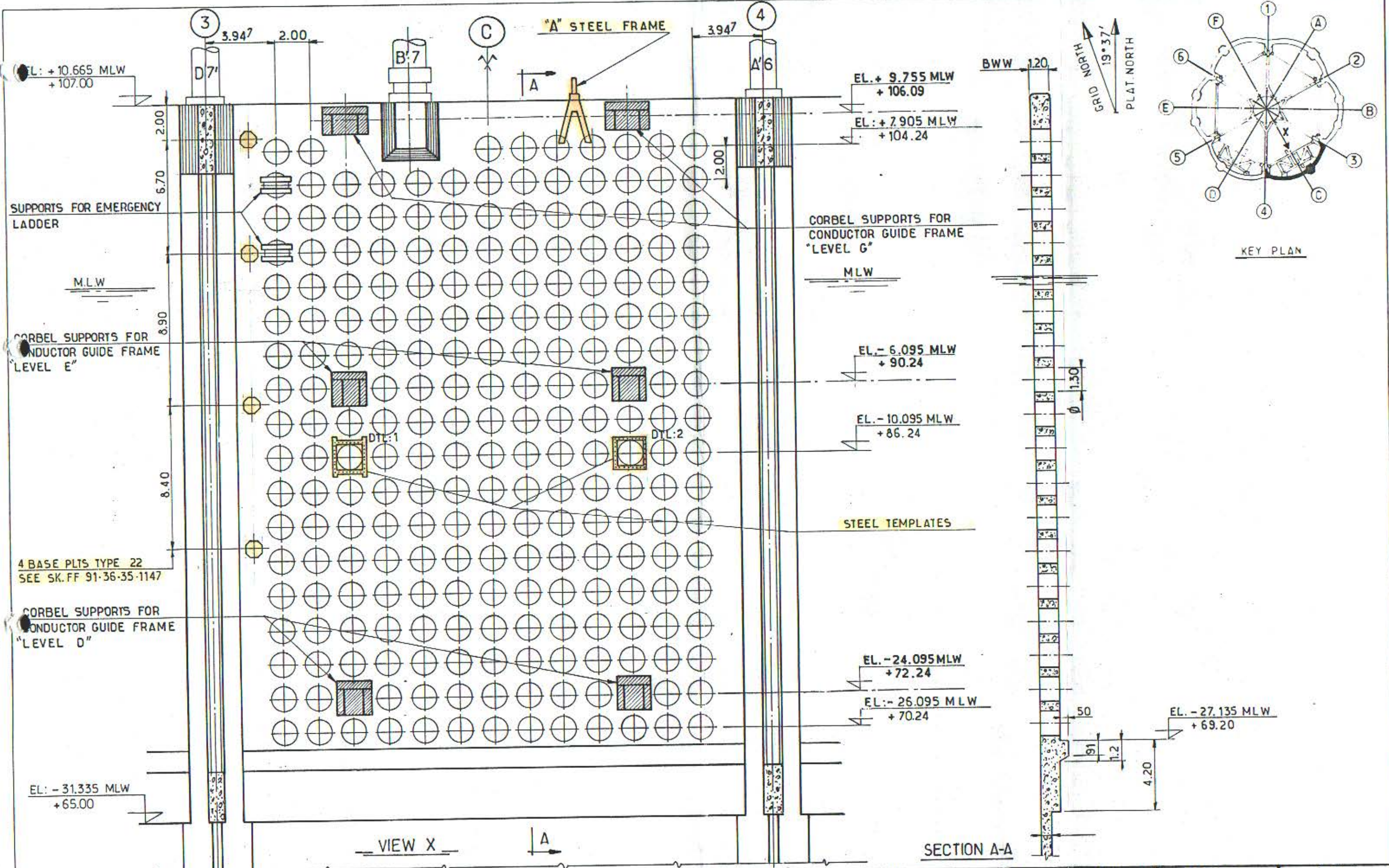
INSPECTION INSIDE BREAKWATER WALL FOR ALL
CELLS A.B.C.D.E. AND F. FROM TOP OF BREAKWATER WALL
DOWN TO SOLID BALLAST AT LEVEL -40 M M.L.W.



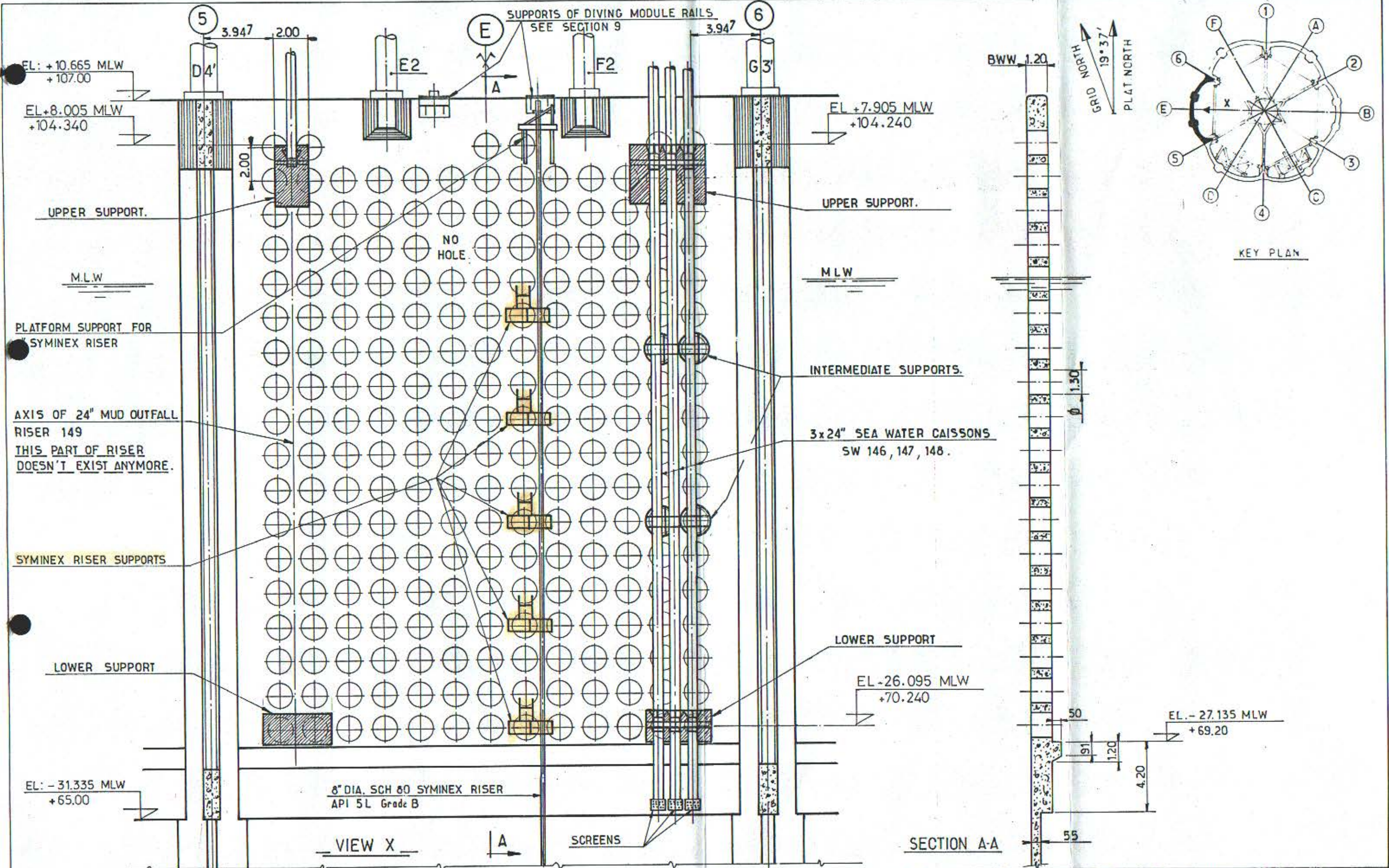
NOTES

FOR UPPER SUPPORT — SEE SK. FF 91-36-35-1524
FOR LOWER SUPPORT — " — 1525

elf aquitaine norge a/s		elf		Job no.	Installation CDP 1	System UNDERWATER
1	10-83	UPDATED	JLC JLC	Scale 1:200	BREAK WATER WALL — CELL B — DEVELOPED INTERNAL VIEW	
Rev.	Date	DESCRIPTION	by	app.	Dwgr. no.	Rev.
Contractor	JVD 1029 - 30 - 13	4001 Stavanger	FRIGG FIELD	FF 91-36-35-1142	1	Sheet



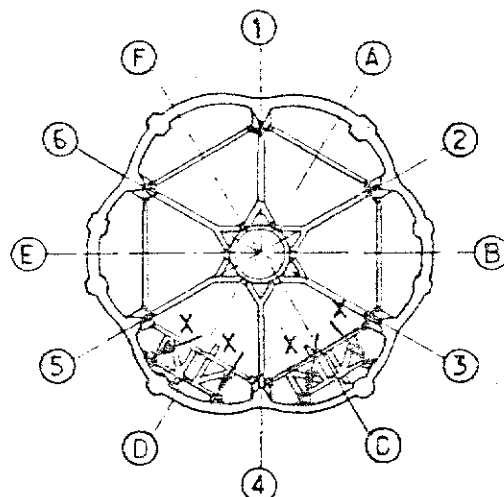
NOTES FOR CORBEL SUPPORT LEVEL G — SEE SK. FF 91-36-35-1162 to 1171 _____#_____ LEVEL E _____#_____ _____#_____ LEVEL D _____#_____ _____#_____ FOR LADDER SUPPORTS _____#_____ _____#_____ FOR STEEL TEMPLATES DTLS.1&2 _____#_____ _____#_____	<table> <tr> <td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>1</td><td>10-83</td><td>UPDATED</td><td>JLC</td><td>JLC</td><td></td> </tr> <tr> <td>Rev.</td><td>Date</td><td>DESCRIPTION</td><td>by</td><td>app</td><td></td> </tr> <tr> <td colspan="3">Contractor</td><td colspan="3">JVD 1029-30-14</td> </tr> </table>							1	10-83	UPDATED	JLC	JLC		Rev.	Date	DESCRIPTION	by	app		Contractor			JVD 1029-30-14			elf aquitaine norge a/s p.o. box 168 4001 Stavanger FRIGG FIELD	<table> <tr> <td></td><td>CDP 1</td><td>UNDERWATER</td></tr> <tr> <td>Scale</td><td colspan="2">BREAK WATER WALL — CELL C —</td></tr> <tr> <td>1:200</td><td colspan="2">DEVELOPED INTERNAL VIEW</td></tr> <tr> <td>Dwgr. no.</td><td>Rev.</td><td>Sheet</td></tr> <tr> <td>FF 91-36-35-1143</td><td>1</td><td>/</td></tr> </table>		CDP 1	UNDERWATER	Scale	BREAK WATER WALL — CELL C —		1:200	DEVELOPED INTERNAL VIEW		Dwgr. no.	Rev.	Sheet	FF 91-36-35-1143	1	/
1	10-83	UPDATED	JLC	JLC																																						
Rev.	Date	DESCRIPTION	by	app																																						
Contractor			JVD 1029-30-14																																							
	CDP 1	UNDERWATER																																								
Scale	BREAK WATER WALL — CELL C —																																									
1:200	DEVELOPED INTERNAL VIEW																																									
Dwgr. no.	Rev.	Sheet																																								
FF 91-36-35-1143	1	/																																								



NOTES				elf aquitaine norge a/s		elf		Job no.	Installation CDP 1	System UNDERWATER
FOR RISER SUPPORTS 149 — SEE SK. FF 91-36-35-1526.1527				1	10-83	UPDATED	JLC JLC	Scale 1:200	BREAK WATER WALL	CELL E
FOR RISER SUPPORTS 146 147 148 — " — 1519 to 1523				Rev.	Date	DESCRIPTION	by	Dwgr. no	DEVELOPED INTERNAL VIEW	Rev.
FOR SYMINEX PLATFORM — " — 1547										
FOR SYMINEX SUPPORTS — " — 1548.1551.1552.1553										
FOR SCREEN DETAIL — " — 1539										
Contractor JVD 1029 30 16				4001 Stavanger		FRIGG FIELD		FF 91-36-35-1145		
								1		

B.W.W

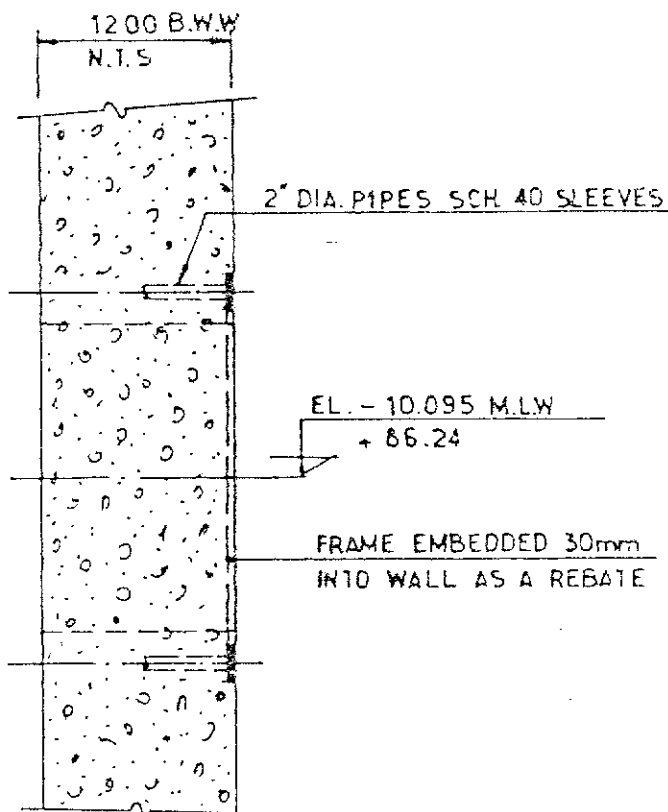
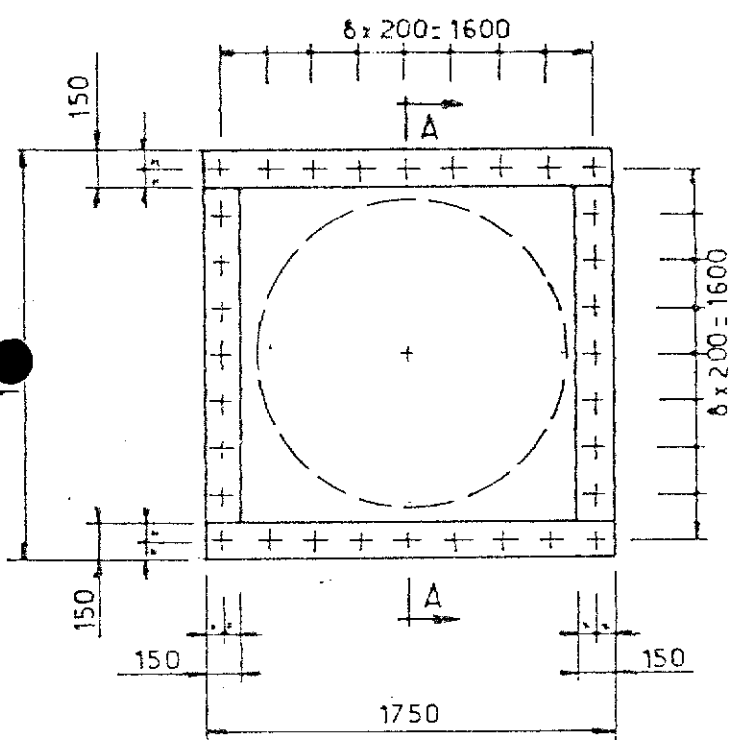
GRID NORTH
19° 37'
PLAT. NORTH



KEY PLAN

INSIDE B.W.W

VIEW X



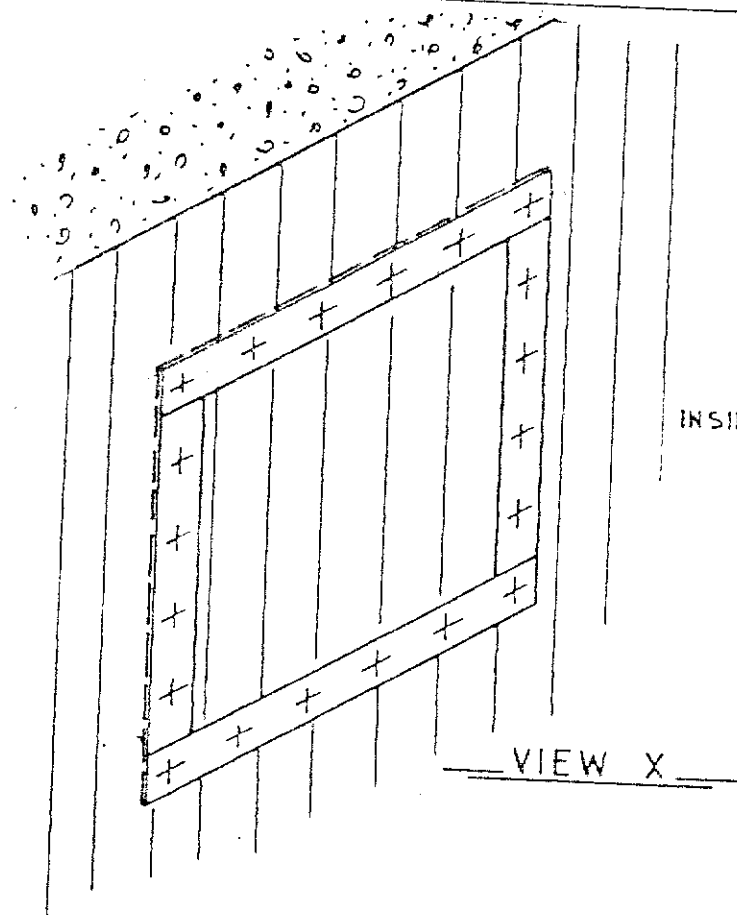
SECTION AA

NOTES

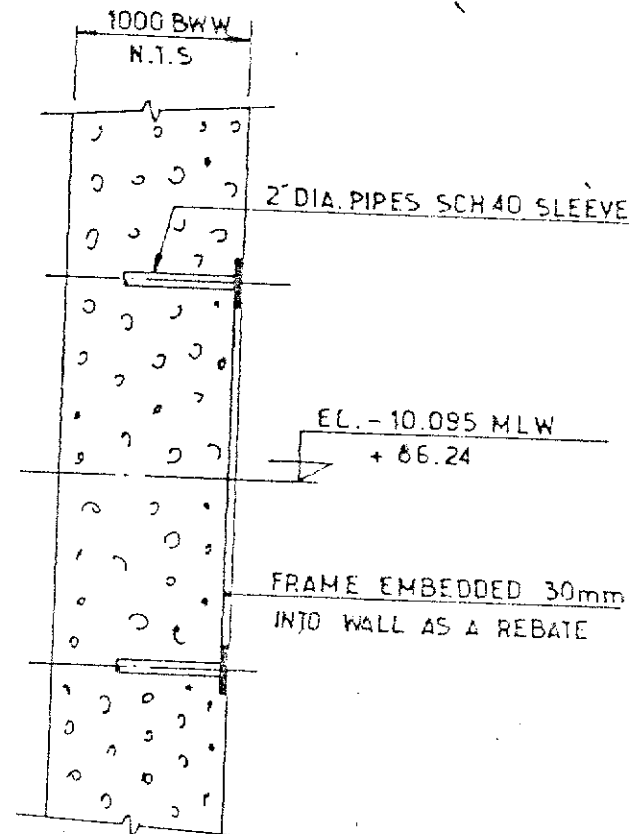
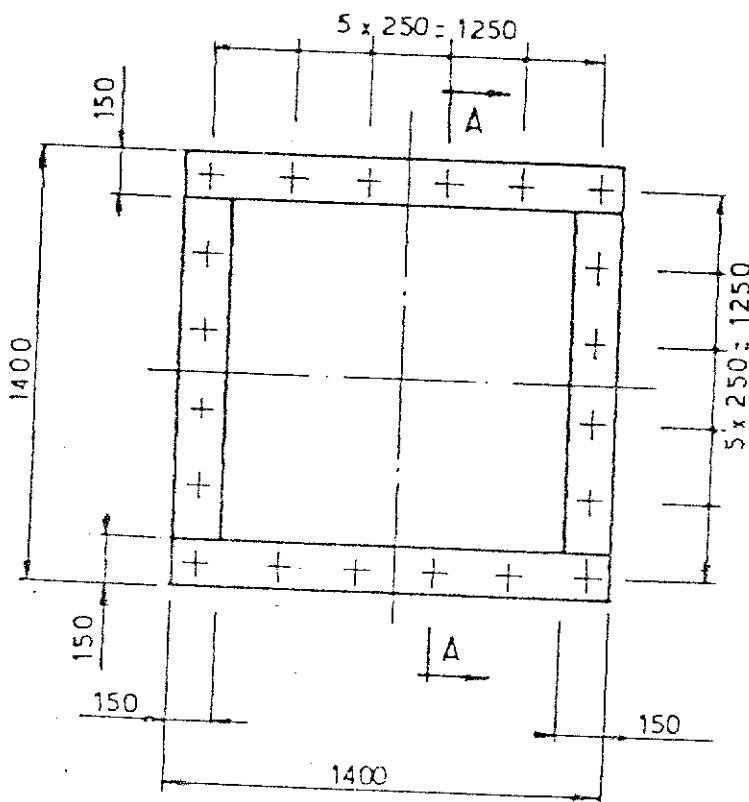
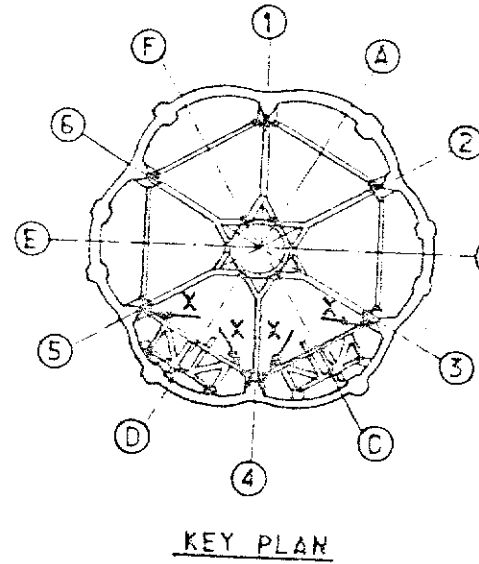
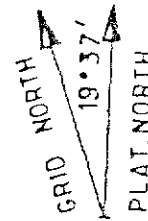
FOR LOCATION SEE SK FF 91-36-35-1143, 1144

DIMENSIONS TO BE CHECKED

				elf				Job no.		Installation CDP 1		System UNDERWATER	
1		12-83		REDRAWN		norge a/s		Scale 1:33 1/3		STEEL TEMPLATE DETAIL 1			
Rev.		Date		DESCRIPTION		by		app.		p.o. box 168		Dwgr. no.	
Contractor		JVD 1029 30 27		4001 Stavanger		FRIGG FIELD		FF 91-36-35-1156		Rev		Sheet	



INSIDE B.W.W



SECTION A A

NOTES

FOR LOCATION SEE SK. FF 91-36-35 - 1143, 1144

DIMENSIONS TO BE CHECKED

Rev.	Date	DESCRIPTION	by	app.
1	12 83	REDRAWN	HL	HL

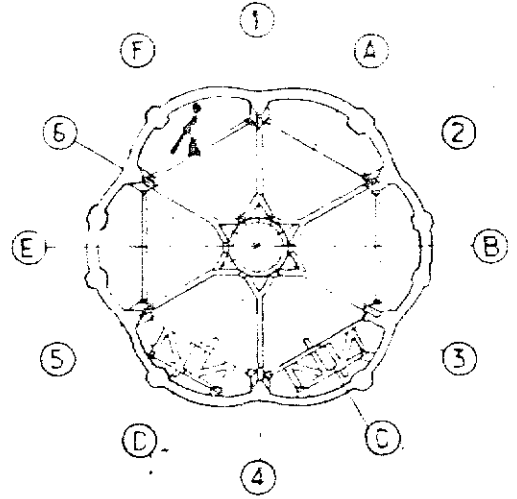
Contractor JVD 1029 30 28

elf
aquitaine
norge a/s
p.o. box 168
4001 Stavanger

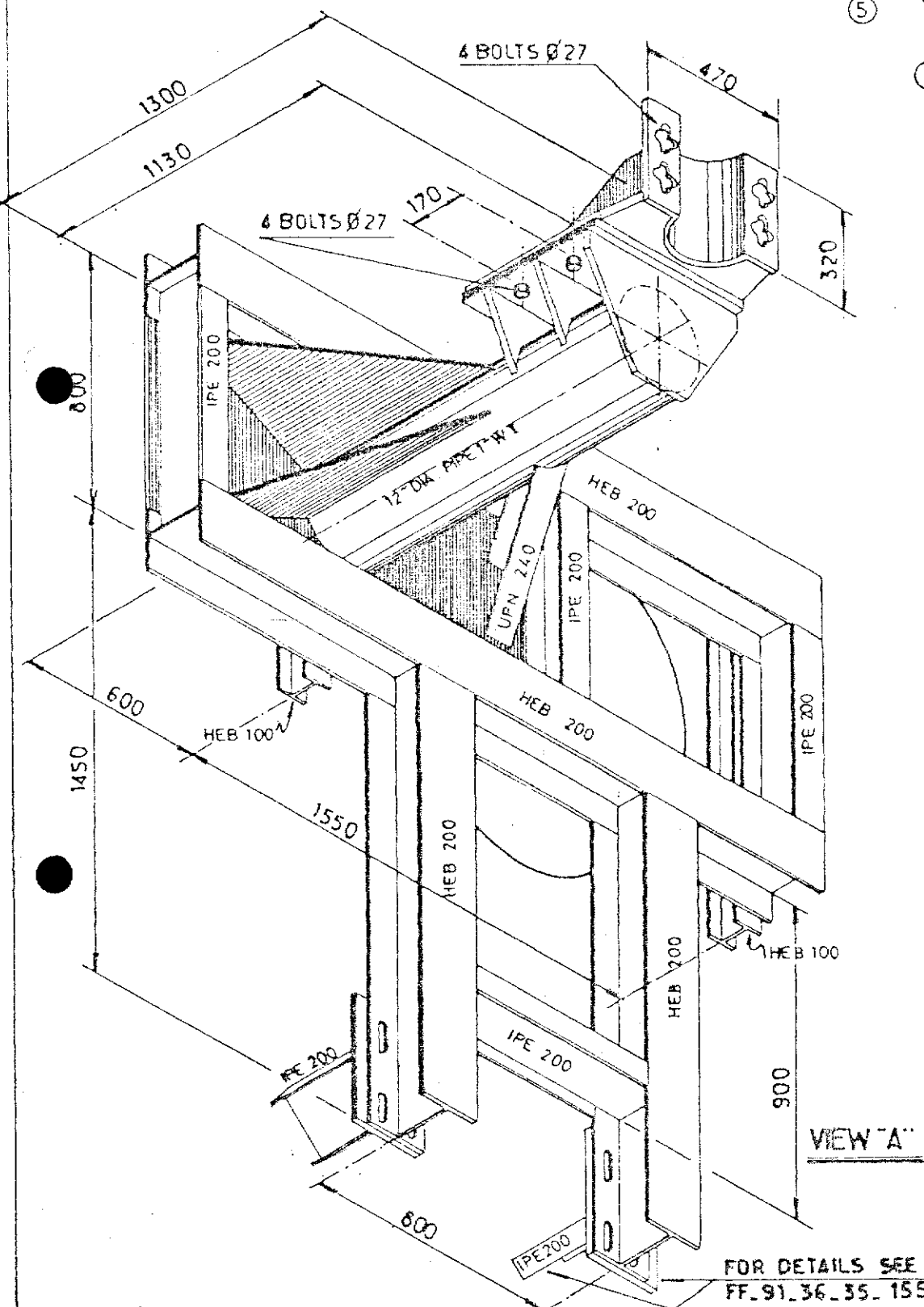


Job no.	Installation CDP 1	System UNDERWATER
Scale 1:25	STEEL TEMPLATE DETAIL 2	
Dwgr. no.	Re.	Sheet

HYDRO N
19° 37'
PLAT. NORTH



KEY PLAN

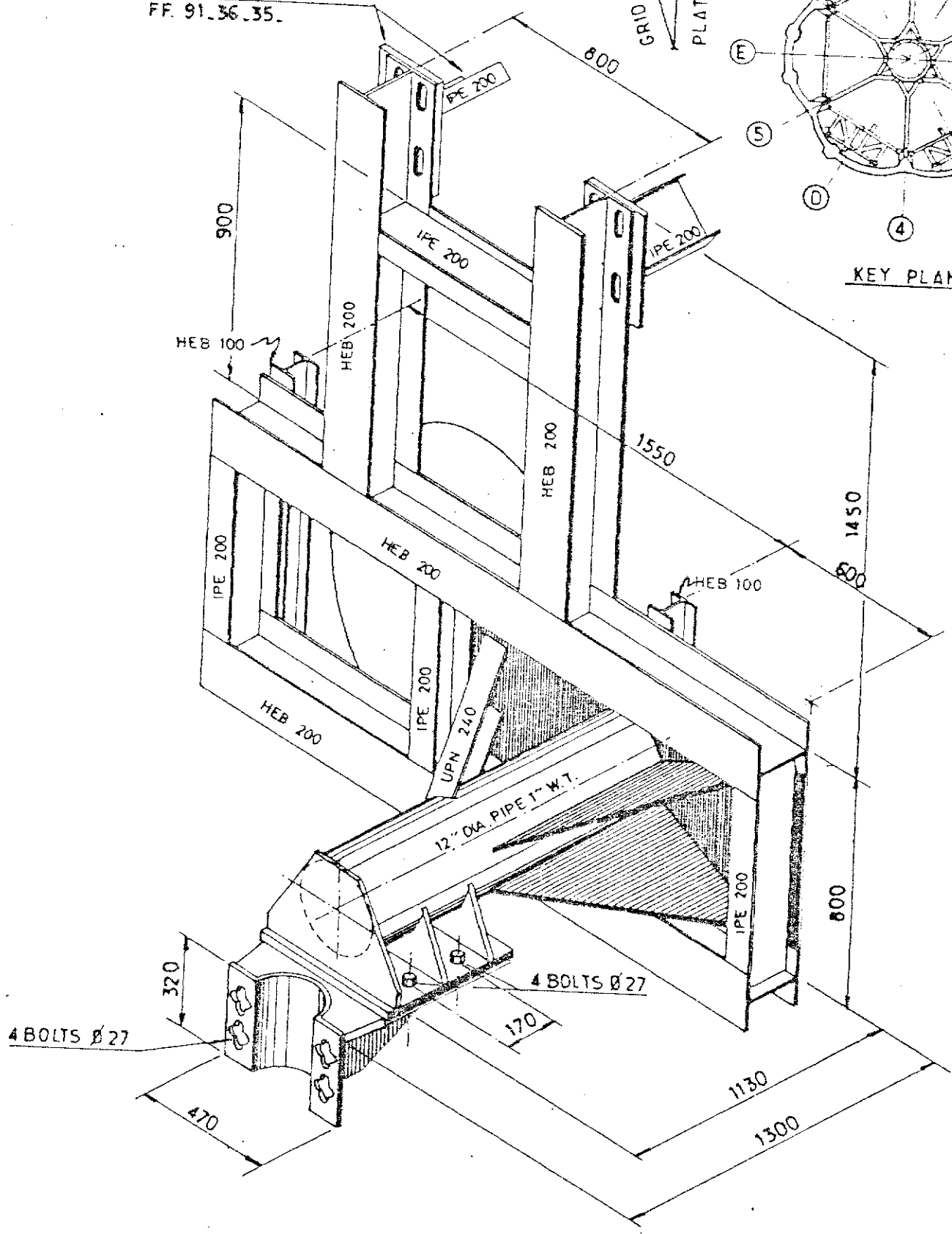
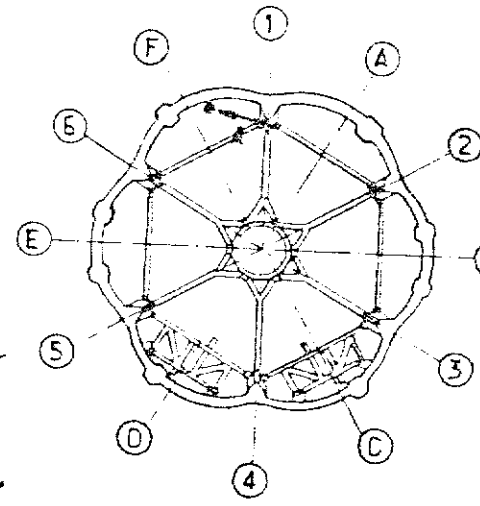
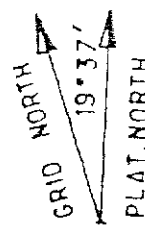


VIEW "A"

FOR DETAILS SEE SK.
FF.91.36_35_1551

					 elf	Job no.	Installation CDP 1	System UNDERWATER		
1	12/83	UPDATED	mir a			Scale	TYPICAL SUPPORT CELL "F" TYPE "A"			
Rev.	Date	DESCRIPTION	by	app.			Dwgr. no.	FF 91.36.35.1549	Rev.	Sheet
Contractor JVD.1029.60_05						4001 Stavanger	FRIGG FIELD		1	/

FOR DETAILS SEE SK.
FF. 91.36.35.

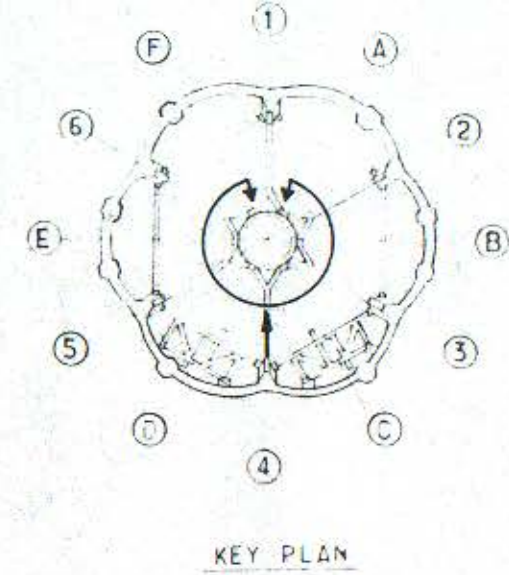
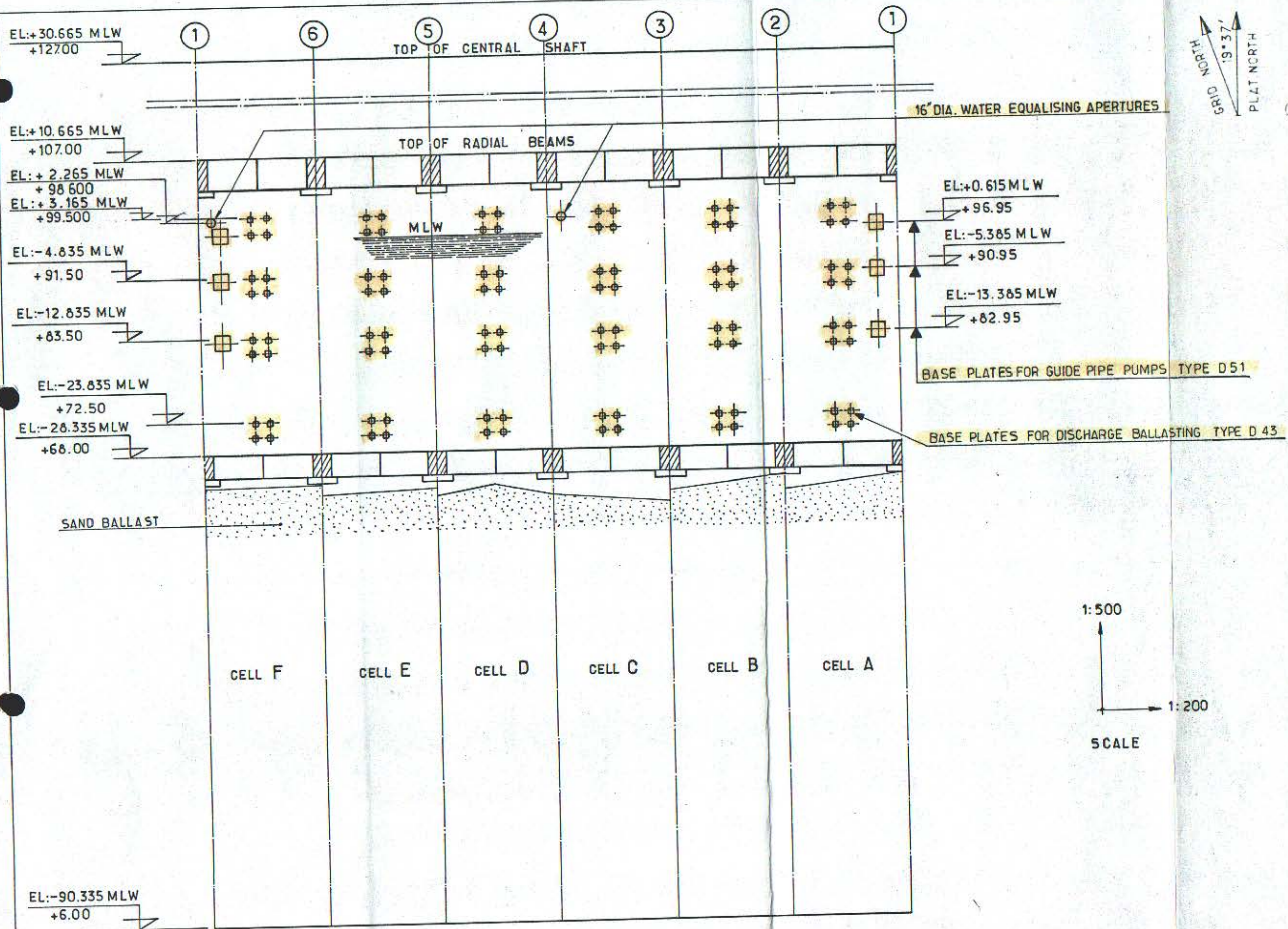


elf aquitaine norge a/s p.o. box 168 4001 Stavanger				elf		Job no.	Installation CDP 1	System UNDERWATER
1	10/83	UPDATED	mirr			Scale	TYPICAL SUPPORT CELL "F" TYPE "B"	
Rev.	Date	DESCRIPTION	by	app.		Dwgr. no.	FF 91.36.35.1550	Rev. 1
Contractor JVD.1029.60.06				FRIGG FIELD				Sheet

JERNBETON-DORIS

- PART III -

INSPECTION INSIDE ALL CELLS A.B.C.D.E. AND F,
FROM THE TOP OF BREAKWATER WALL DOWN TO
SOLID BALLAST AT -40 M M.L.W.

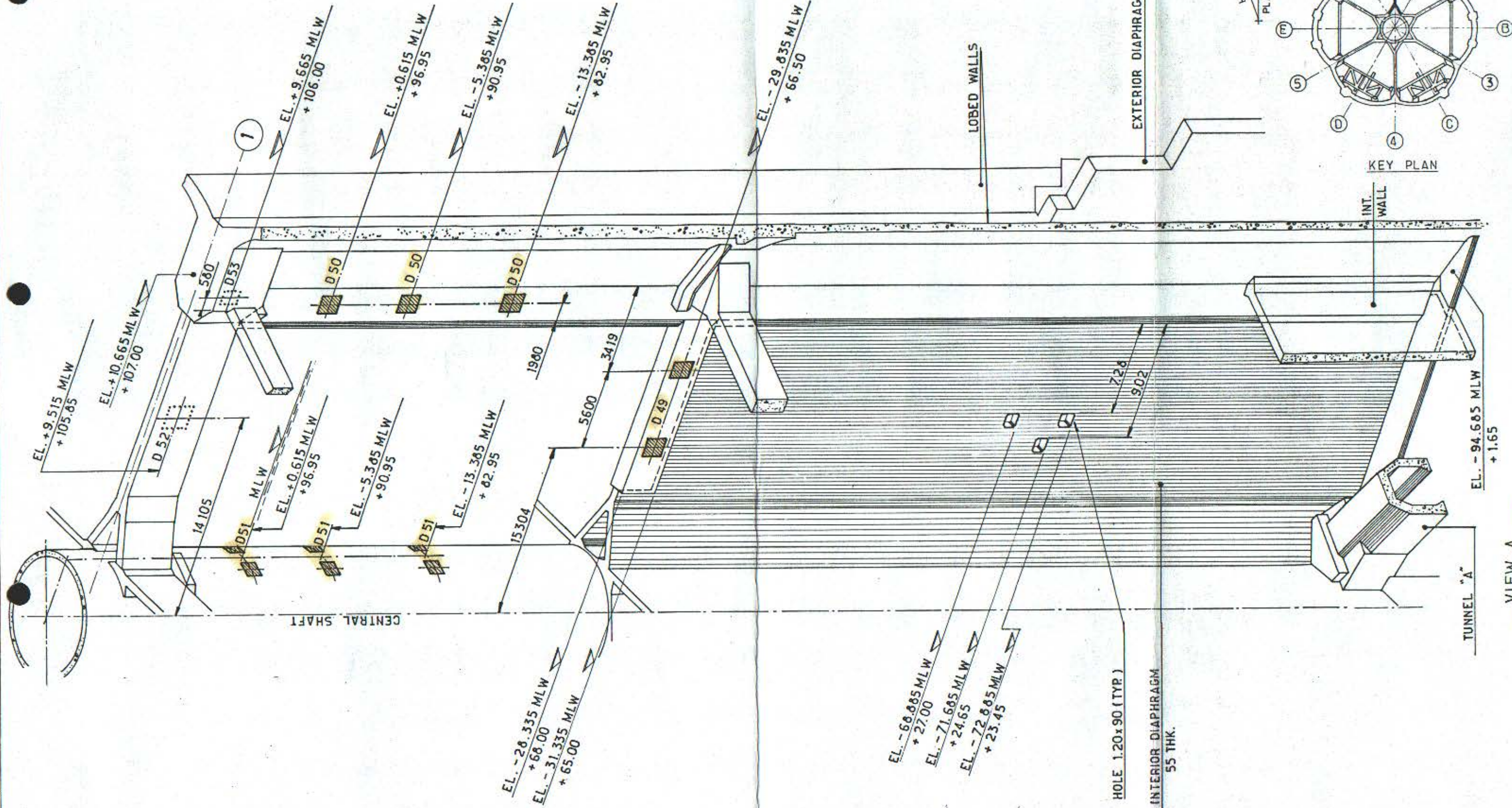


1:500
1:200
SCALE

NOTES:

- BASE PLATE TYPE D 51 — SEE SK. FF-91-36-35-1132
- BASE PLATE TYPE D 43 — SEE SK. FF-91-36-35-1131
- WATER EQUALISING APERTURE — SEE SK. FF-91-36-35-1134

		elf aquitaine norge a/s		Job no.		Installation CDP 1		System UNDERWATER	
1		10-83	UPDATED	File	File	Scale AS NOTED		CENTRAL SHAFT DEVELOPED EXTERIOR VIEW	
Rev.		Date	DESCRIPTION	by	app	Dwgr. no.		FF 91-36-35-1130	
Contractor		JVD 1029 30 01		4001 Stavanger		FRIGO FIELD		1	1/1



NOTES

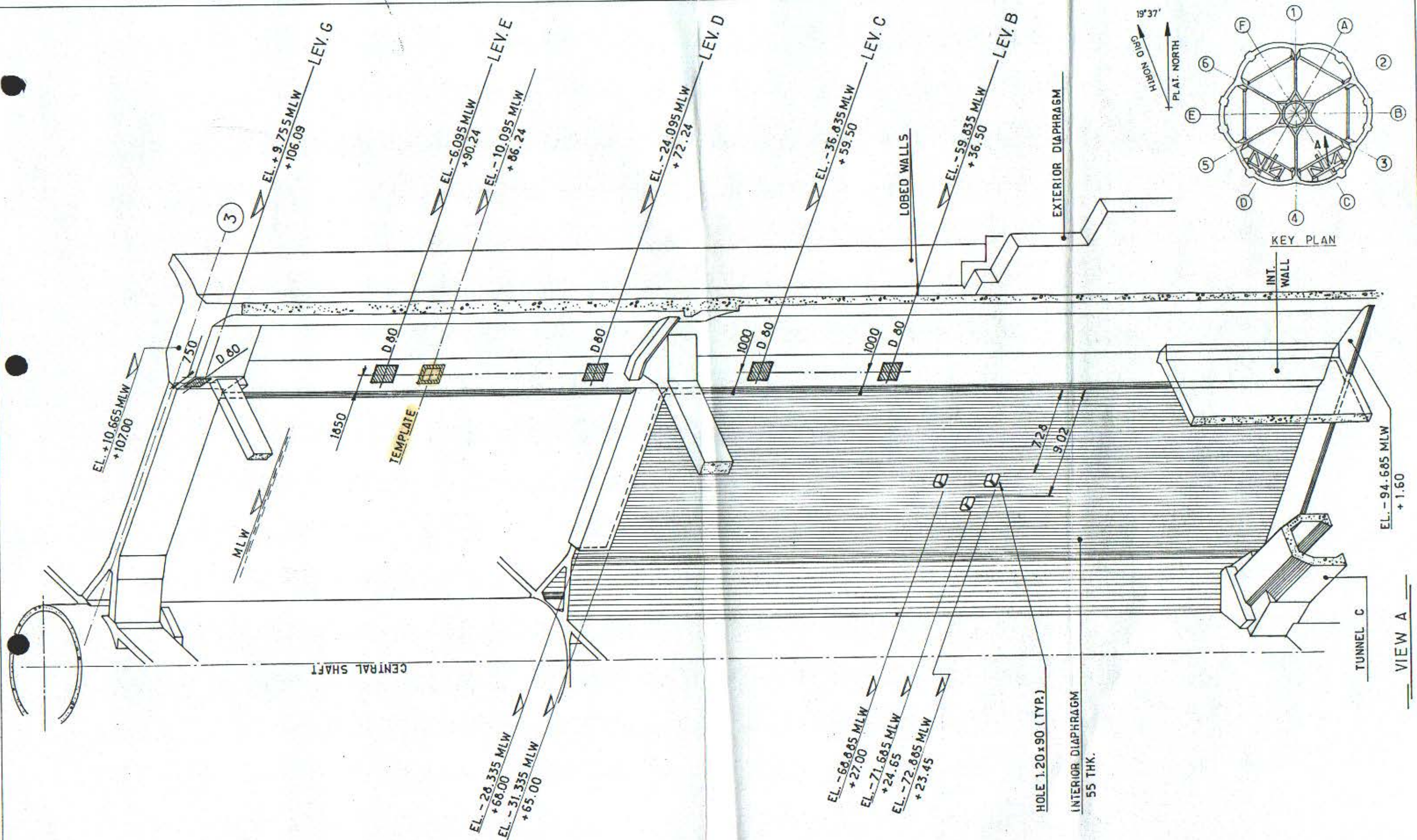
FOR DETAIL OF BASE PLATE	D 49	SEE SK. FF 91-36-35-1294
"	D 50	" 1295
"	D 51	" 1132
"	D 52	" 1296
"	D 53	" 1297

1	11 83	REDRAWN	JAC	JAC
Rev.	Date	DESCRIPTION	by	app.
Contractor JVD 1029-20_14				

elf
aquitaine
norge a/s
p.o. box 168
4001 Stavanger

FRIGG FIELD

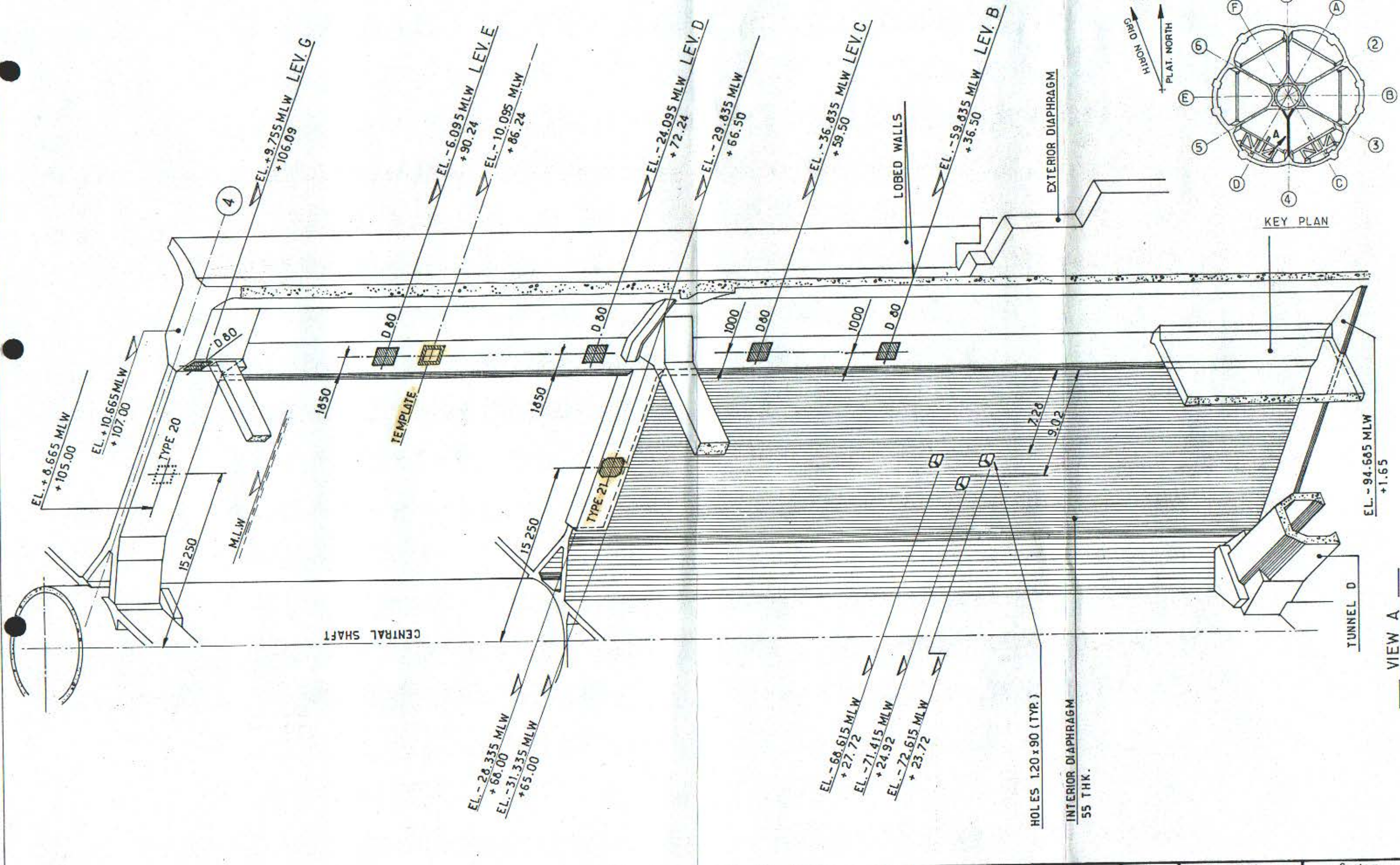
Job no.	Installation	System
	CDP 1	UNDERWATER
Scale	INTERIOR DIAPHRAGM I.D 13 VIEW FROM CELL "A"	
Dwgr. no	FF 91-36-35-1063	Sheet
	1	



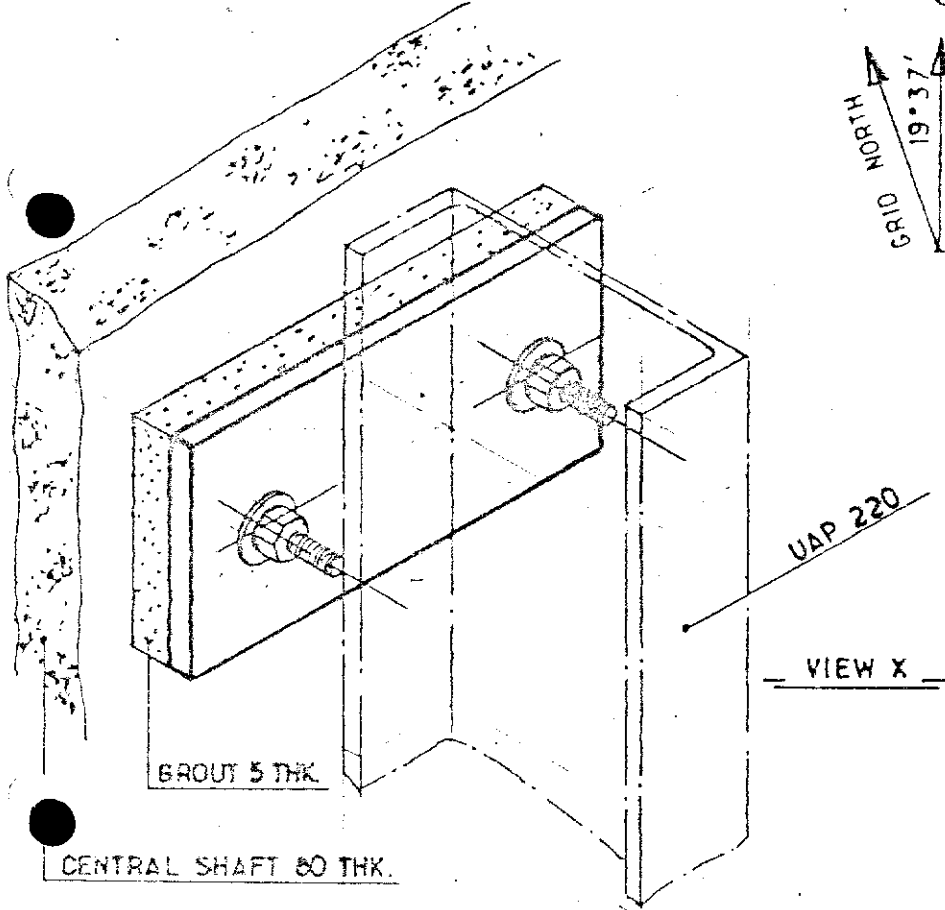
NOTES

FOR DETAIL OF CORBEL PLATES D 80 SEE SECTION 3
FOR DETAIL OF TEMPLATE SEE SK. FF. 91.36.35.1157

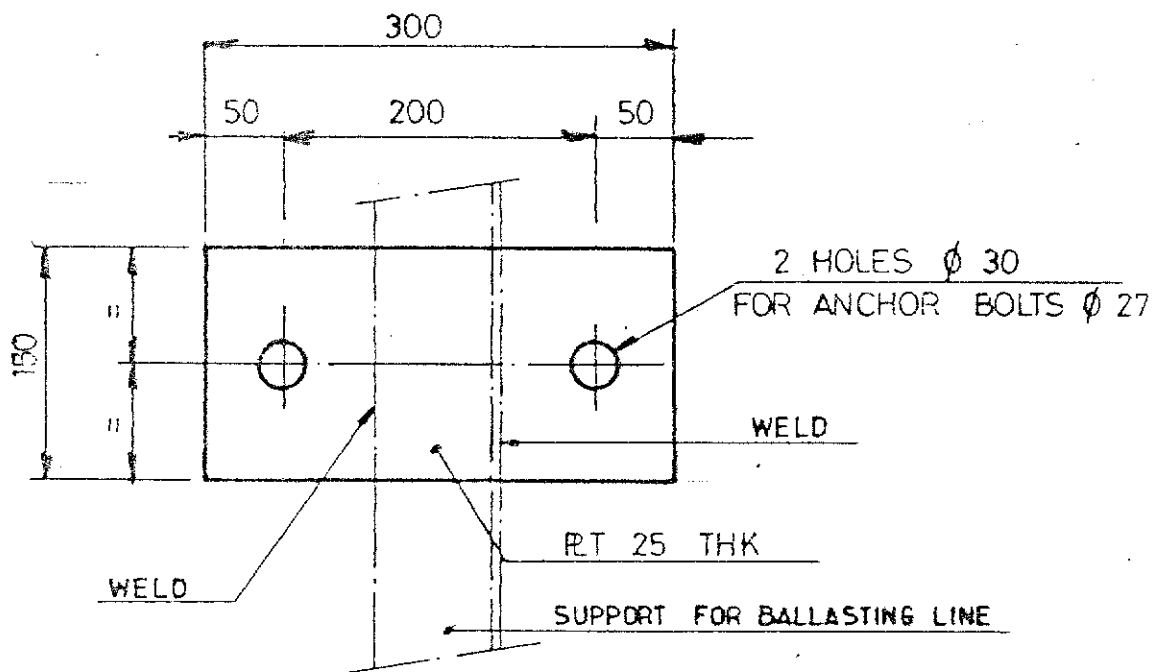
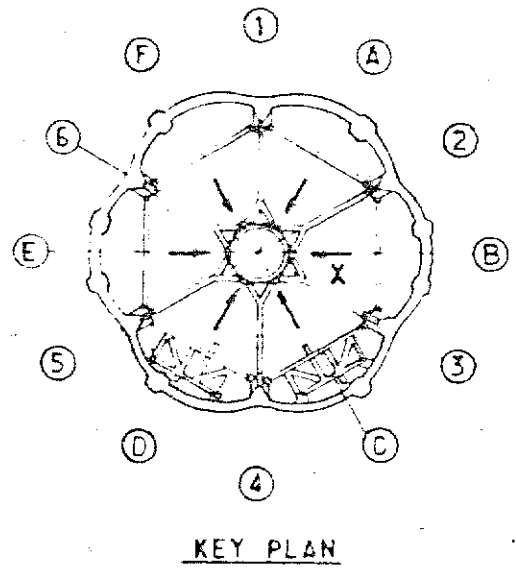
elf aquitaine norge a/s p.o. box 168 4001 Stavanger				Job no. Installation CDP 1		System UNDERWATER	
1	11-83	REDRAWN	116	116	Scale	INTERIOR DIAPHRAGM ID 33 VIEW FROM CELL "C"	
Contractor JVD 1029-20-18				Dwgr. no. FF 91.36.35.1067		1	



NOTES FOR DETAIL OF CORBEL PLATE D 80 SEE SECTION 3: FOR DETAIL OF BASE PLATE TYPE 20 SEE SK. FF. 91.36.35.1292 TYPE 21 " " " " " " " " 1293 FOR DETAIL OF TEMPLATE SEE SK. FF. 91.36.35.1157										<table><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td>1</td><td>11.83</td><td>REDRAWN</td><td>116</td><td>146</td></tr><tr><td>Rev.</td><td>Date</td><td>DESCRIPTION</td><td>by</td><td>app.</td></tr><tr><td colspan="3">Contractor JVD 1029-20.20</td><td colspan="2"></td></tr></table>									1	11.83	REDRAWN	116	146	Rev.	Date	DESCRIPTION	by	app.	Contractor JVD 1029-20.20					elf aquitaine norge a/s p.o. box 168 4001 Stavanger		 elf FRIGG FIELD		<table><tr><td>Job no.</td><td>Installation</td><td>System</td></tr><tr><td></td><td>CDP 1</td><td>UNDERWATER</td></tr><tr><td>Scale</td><td colspan="2">INTERIOR DIAPHRAGM I.D 43</td></tr><tr><td></td><td colspan="2">VIEW FROM CELL "D"</td></tr><tr><td>Dwgr. no.</td><td>Rev.</td><td>Sheet</td></tr><tr><td>FF 91.36.35.1069</td><td>1</td><td>/</td></tr></table>		Job no.	Installation	System		CDP 1	UNDERWATER	Scale	INTERIOR DIAPHRAGM I.D 43			VIEW FROM CELL "D"		Dwgr. no.	Rev.	Sheet	FF 91.36.35.1069	1	/
1	11.83	REDRAWN	116	146																																																					
Rev.	Date	DESCRIPTION	by	app.																																																					
Contractor JVD 1029-20.20																																																									
Job no.	Installation	System																																																							
	CDP 1	UNDERWATER																																																							
Scale	INTERIOR DIAPHRAGM I.D 43																																																								
	VIEW FROM CELL "D"																																																								
Dwgr. no.	Rev.	Sheet																																																							
FF 91.36.35.1069	1	/																																																							



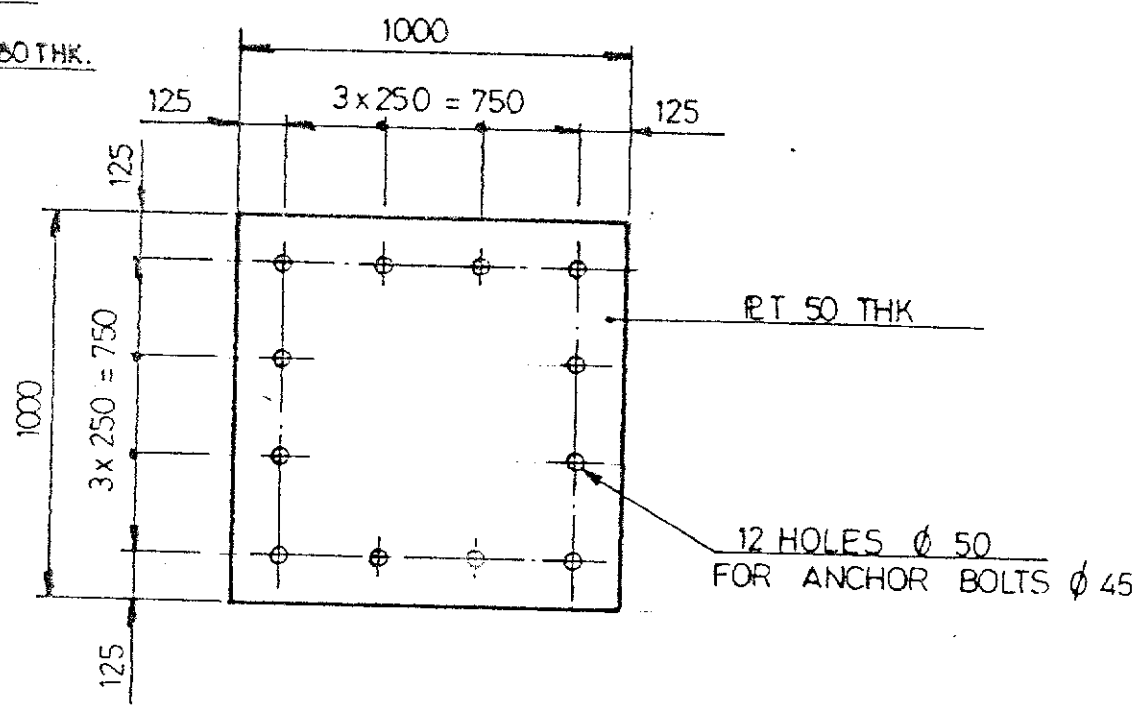
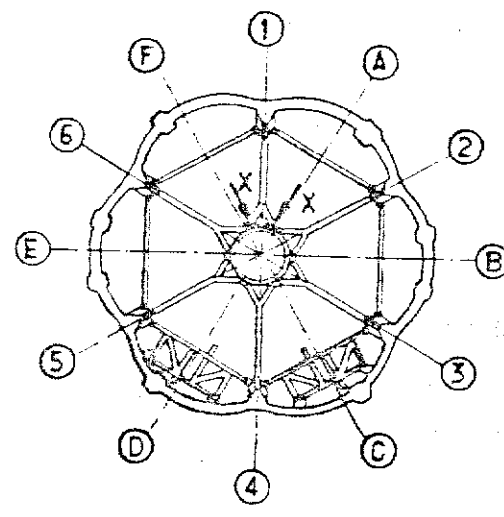
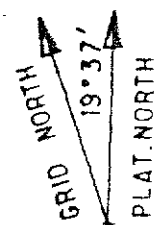
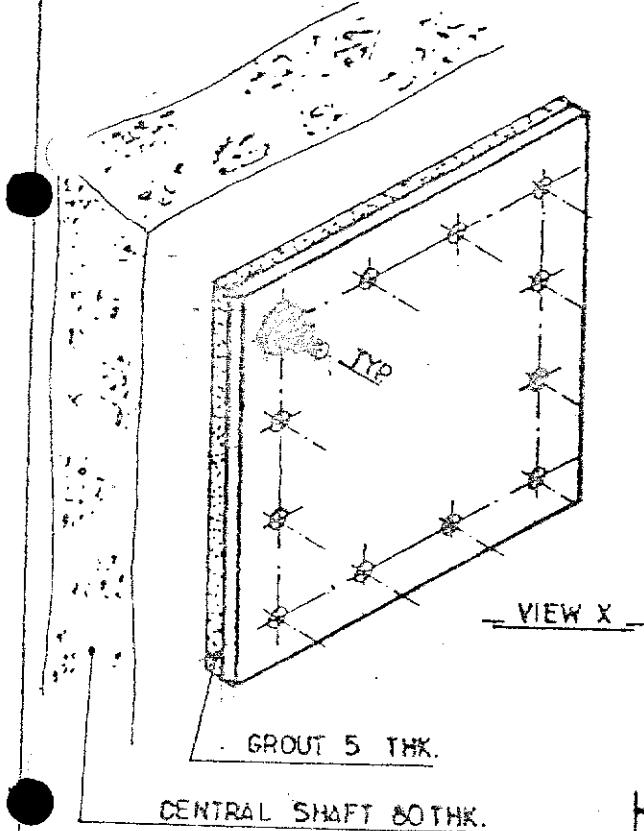
GRID NORTH
19°37'
PLAT NORTH



NOTES

FOR LOCATION OF PLATES SEE SK. FF 91-36-35-1130
 TYPICAL ANCHOR BOLTS SEE SK. FF 91-36-35-1320
 FOR SUPPORT DETAIL SEE SK. FF 91-36-35-1133

				elf aquitaine norge a/s		Job no.	Installation CDP 1	System UNDERWATER
1	16-83	UPDATED	ELC	JLC	p.o. box 168	Scale 1/5	BASE PLATE TYPE D43	
Rev.	Date	DESCRIPTION	by	app.	4001 Stavanger	Dwgr. no	FF 91-36-35-1131	1
Contractor JVD 1029_30_02				FRIGG FIELD				



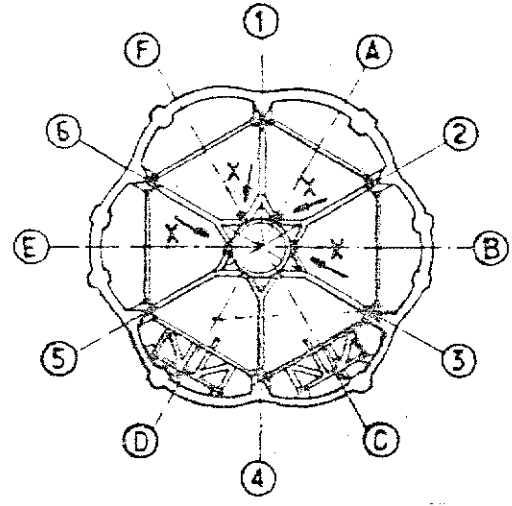
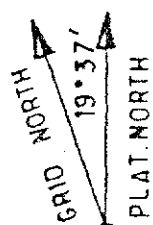
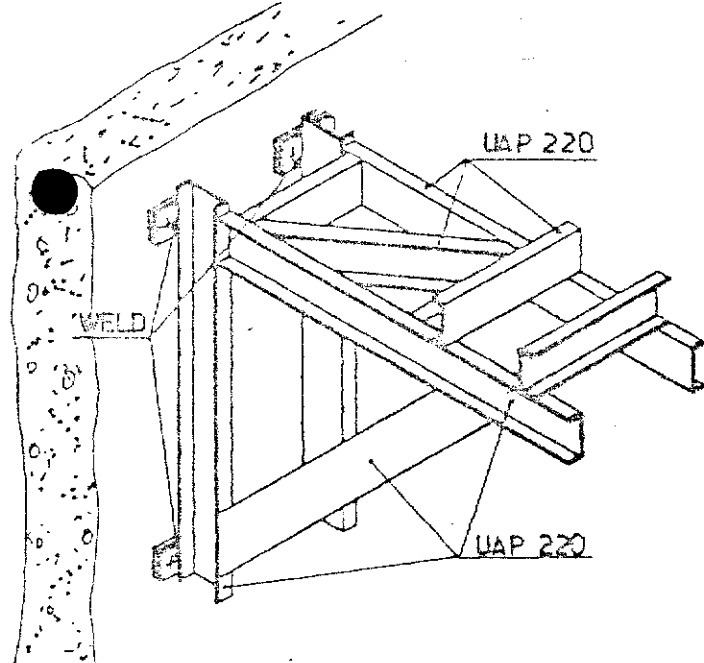
NOTES

FOR LOCATION OF PLATE SEE SK. ____ FF-91-36-35-1130-1063-1064.

TYPICAL ANCHOR BOLTS SEE SK. ____ FF-91-36-35-1320

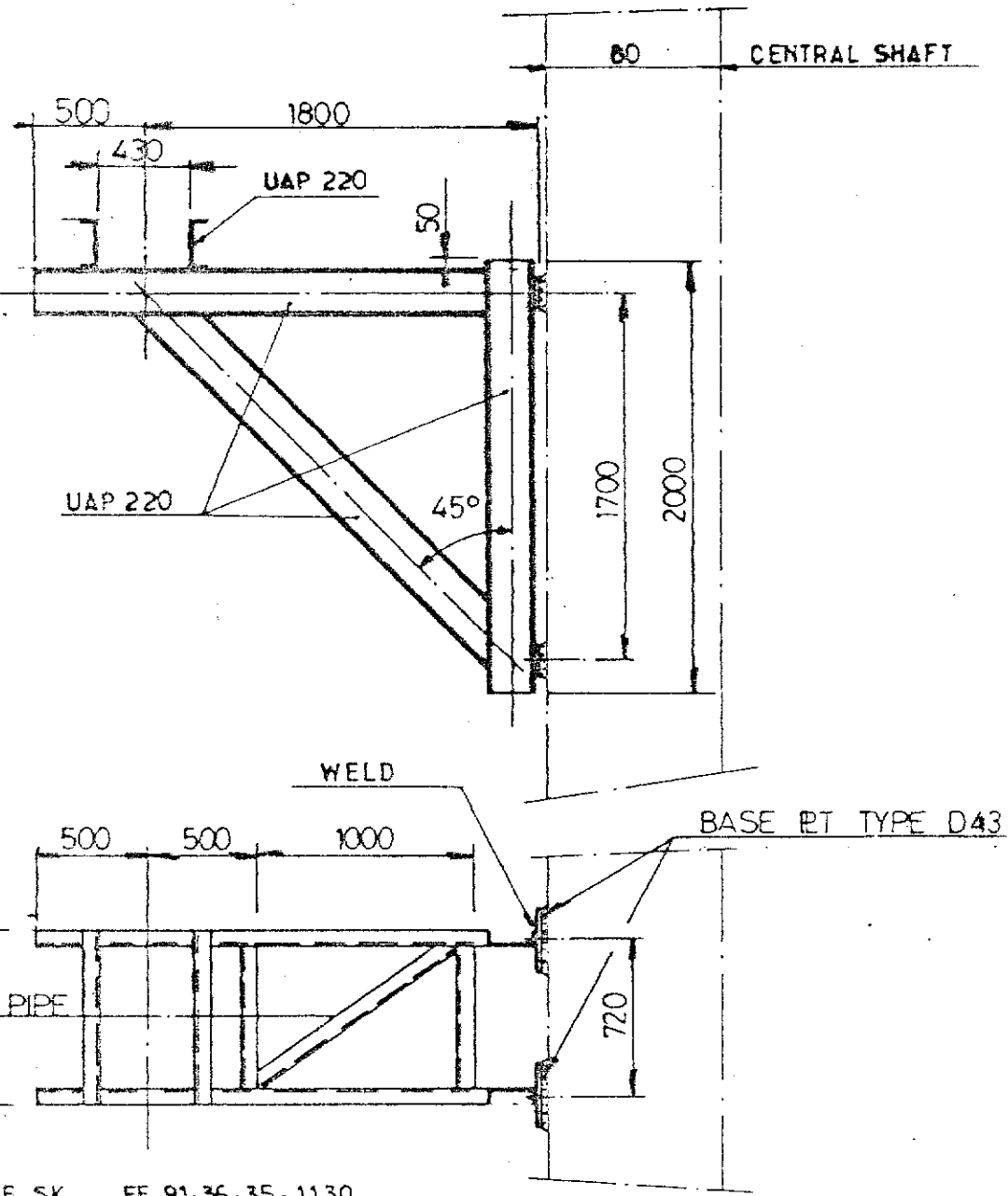
NOTHING IS WELDED ON ALL PLATES TYPE D 51 PRESENCE OF PLATES TO BE CHECKED.

				elf aquitaine norge a/s p.o. box 168 4001 Stavanger		 elf		Job no.	Installation CDP 1	System UNDERWATER	
1	18-83	UPDATED	FLC	JLC				Scale 1/20	BASE PLATE TYPE D51		
Rev.	Date	DESCRIPTION	by	app.				Dwgr. no.	Rev.	Sheet	
Contractor JVD 1029_30_03						FRIGG FIELD		FF 91-36-35-1132		1	/



CELLS
A
EL: -12.835 MLW
+ 63.50

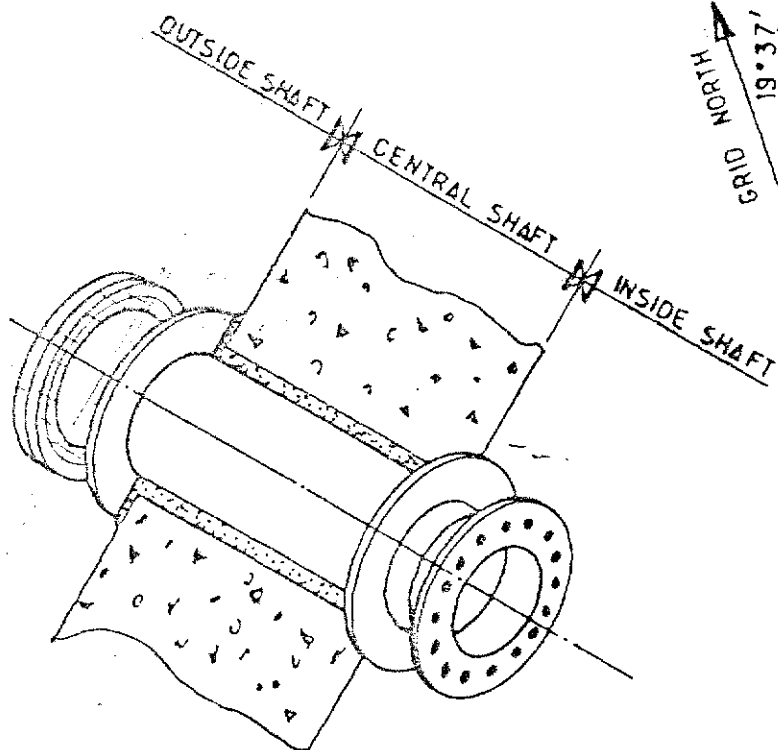
CELLS
E & F
EL: -23.835 MLW
+ 68.00



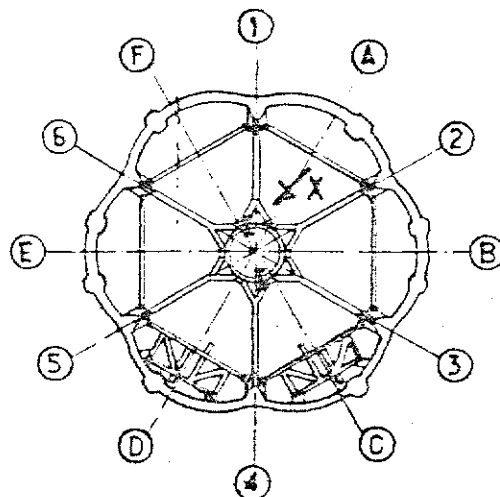
NOTES

FOR LOCATION OF SUPPORTS SEE SK. — FF 91-36-35-1130
 BASE PLATES D43 SEE SK. — FF 91-36-35-1131
 24" DIA. BALLASTING LINES DO NOT EXIT ANYMORE. ALL SUPPORTS HAVE BEEN REMOVED

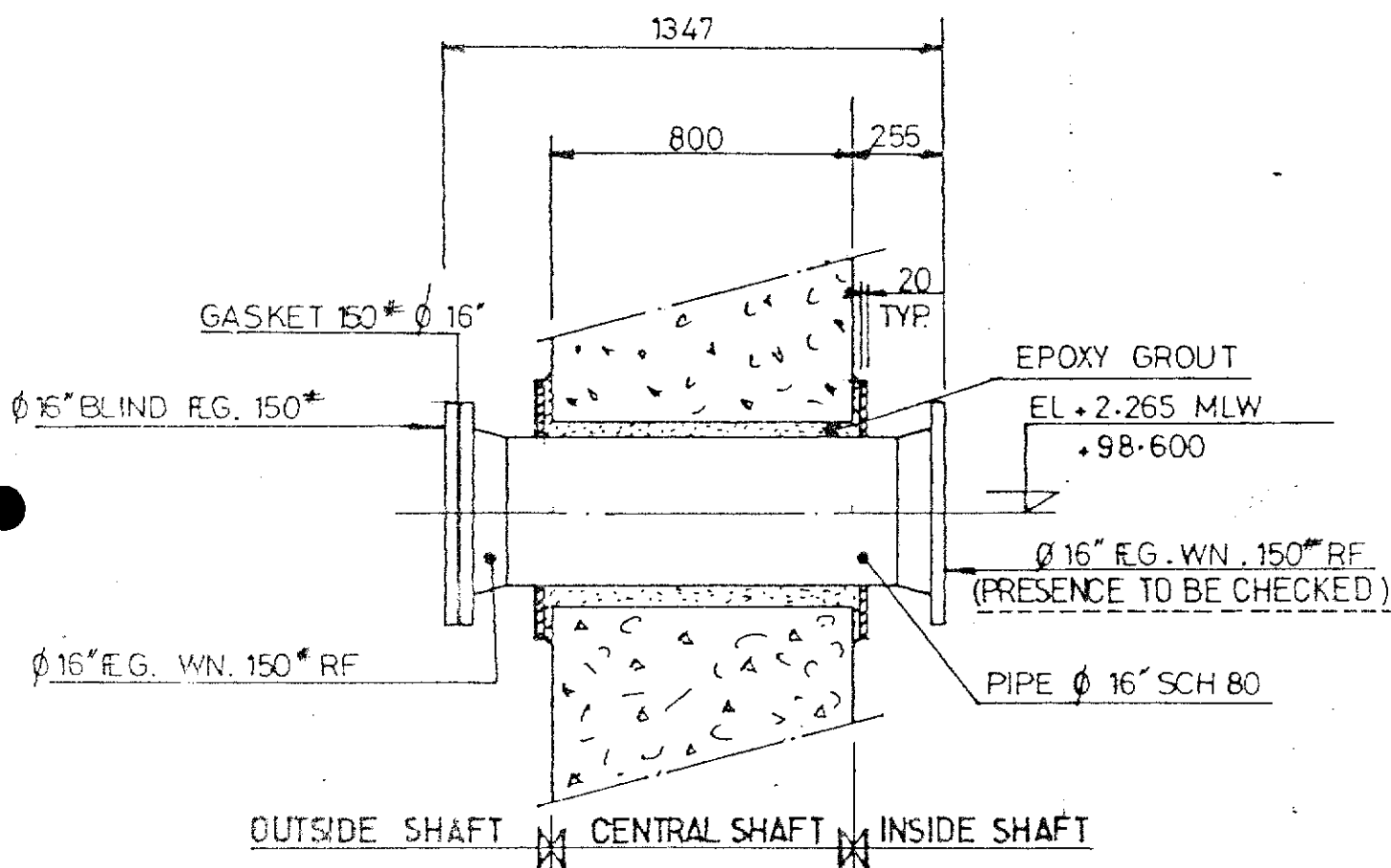
elf aquitaine norge a/s p.o. box 168 4001 Stavanger				Job no. Installation CDP 1		System UNDERWATER	
1 10-83 UPDATED INC FLC				Scale 1:33 1/3		SUPPORT FOR BALLASTING LINE	
Rev. Date DESCRIPTION by app.				Dwgr. no. FF 91-36-35-1133		Rev. 1 Sheet /	
Contractor JVD 1029_30_04				FRIGG FIELD			



- VIEW X -

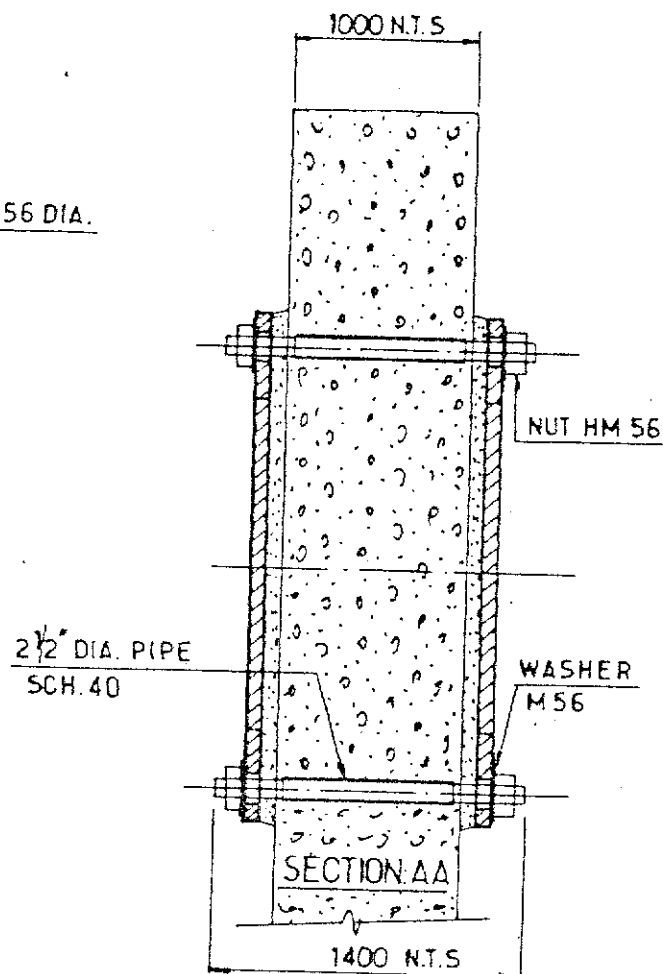
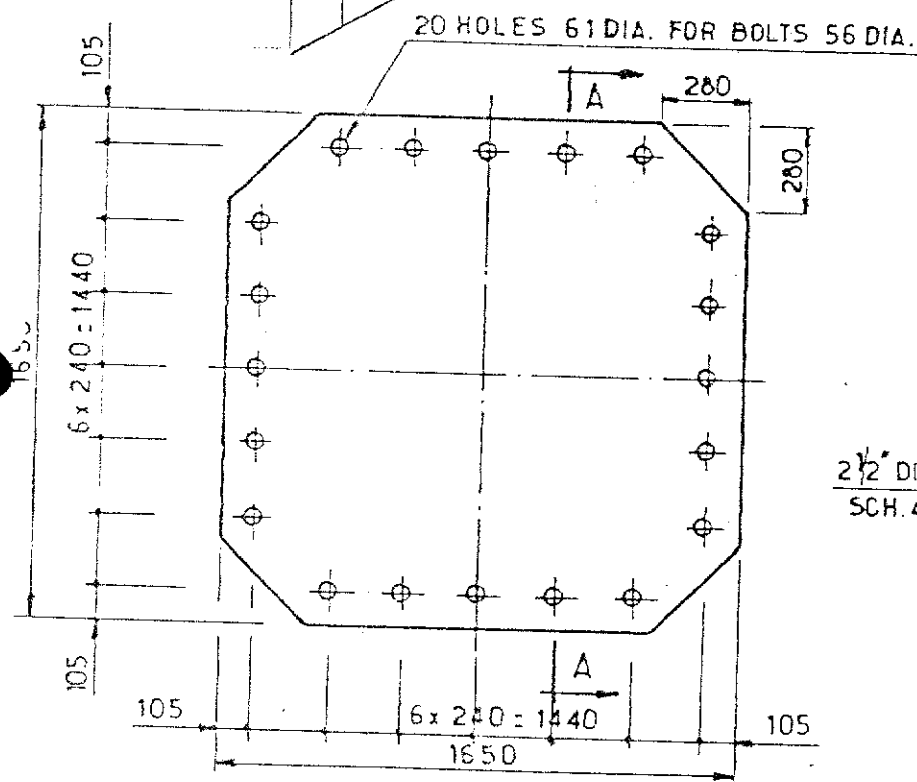
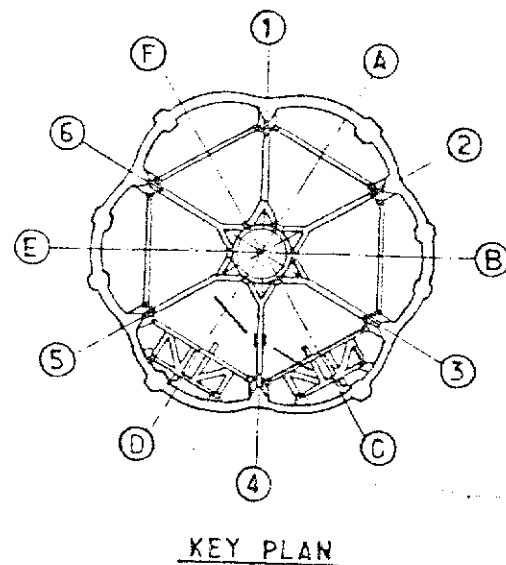
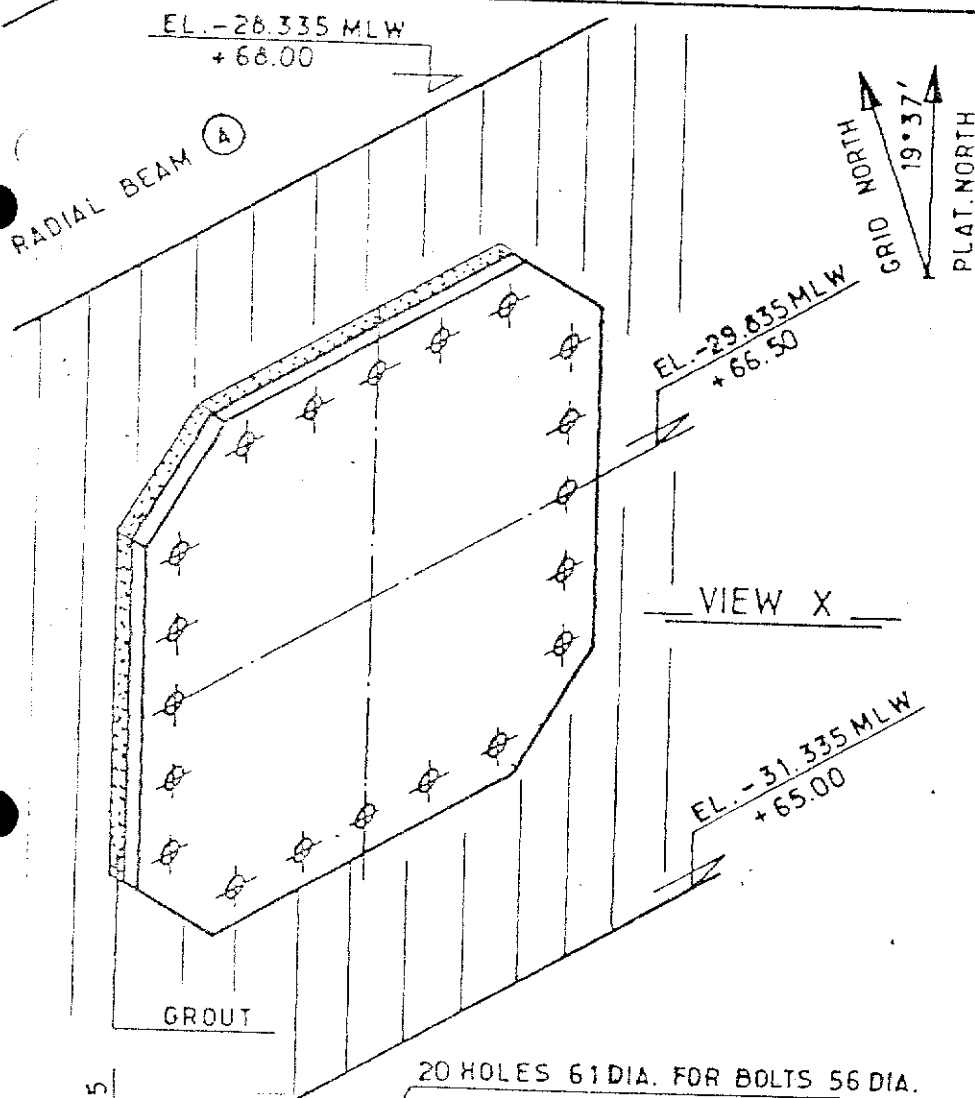


KEY PLAN



NOTES : _FOR LOCATION SEE SK. _FF 91_36_35_1130

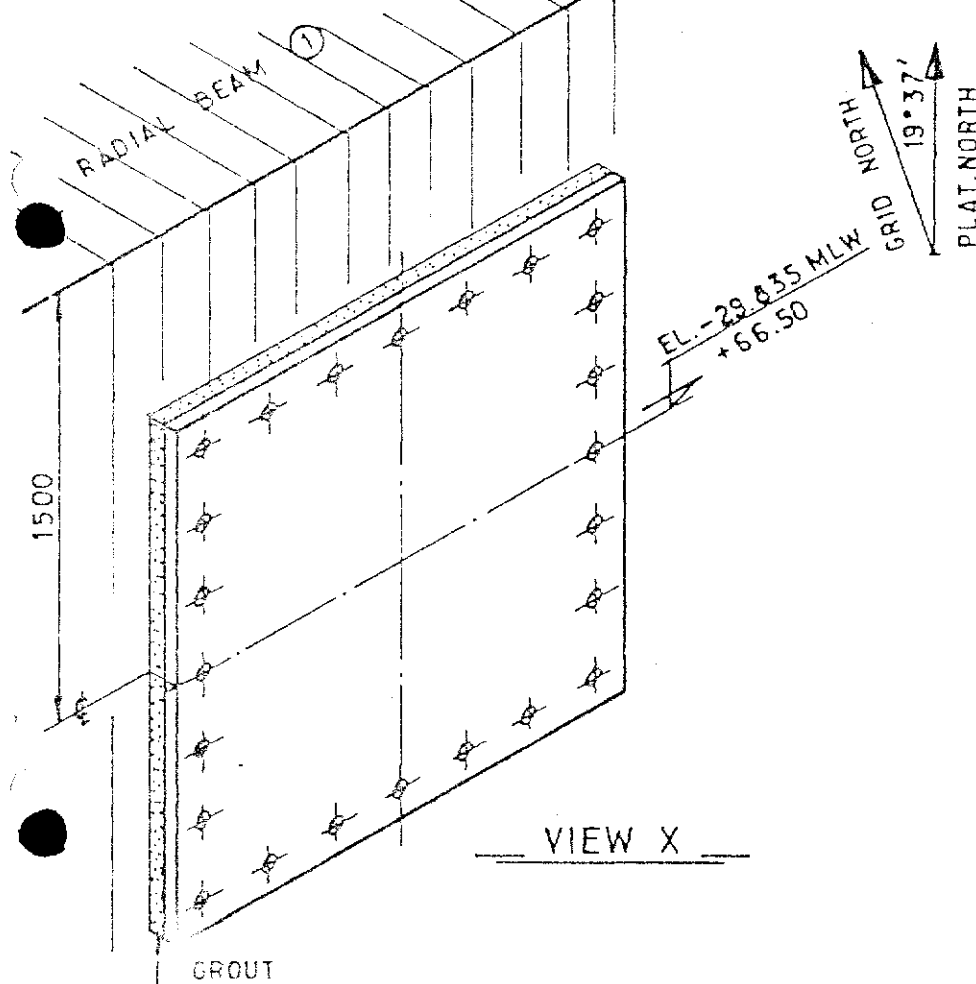
				elf aquitaine norge a/s p.o.box 168 4001 Stavanger				Job no.		Installation CDP 1		System UNDERWATER			
1 12/83 UPDATED m.								Scale 1 20		2 x 16" DIA. WATER EQUALIZING APERTURES					
Rev. Date		DESCRIPTION		by		app.		Dwgr. no.				Rev		Sheet	
Contractor JVD 1029_30_05				4001 Stavanger		FRIGG FIELD		FF 91_36_35_1134				1		/	



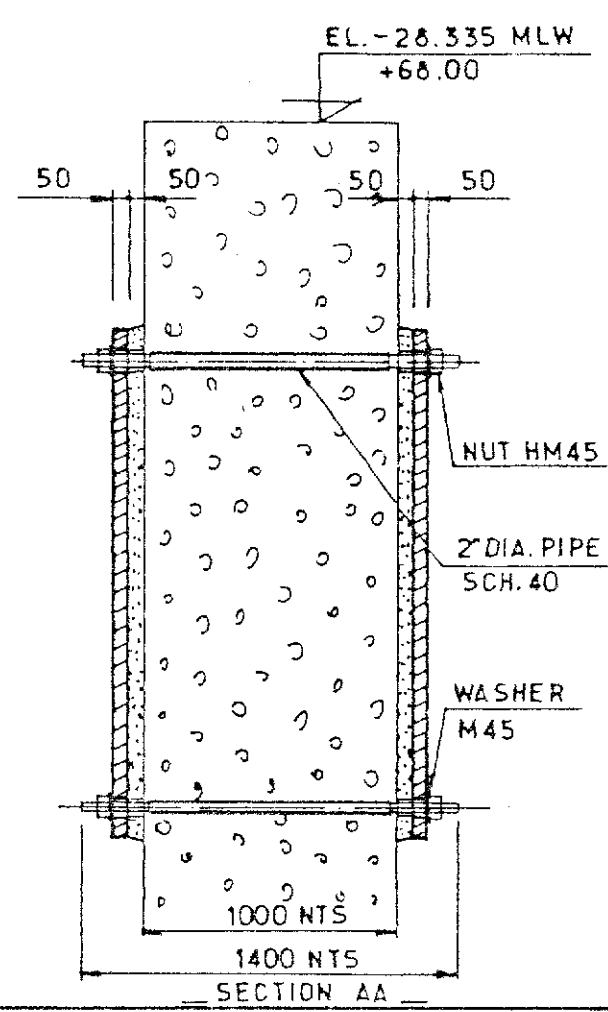
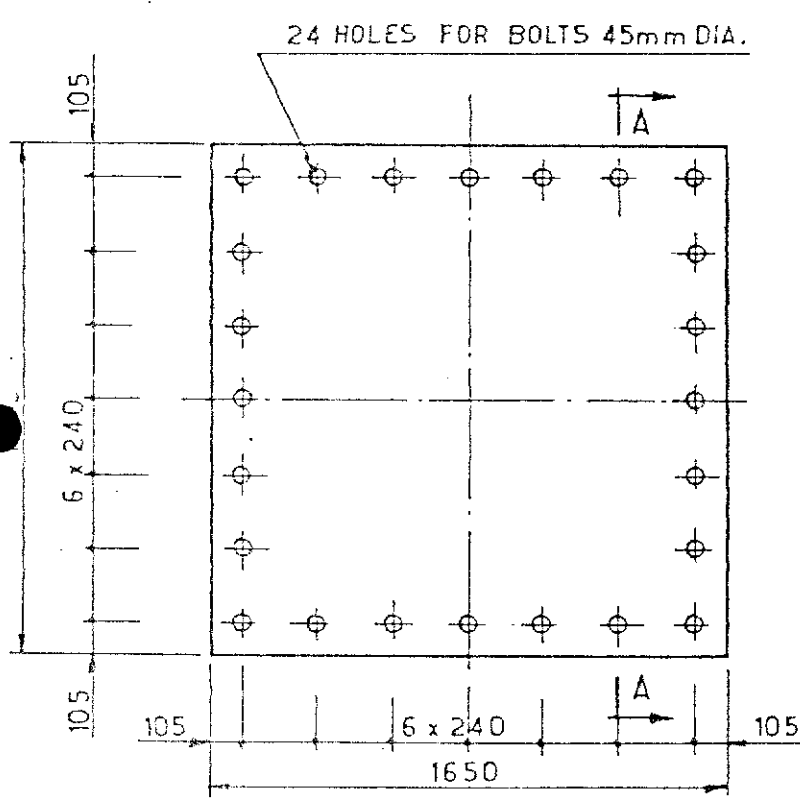
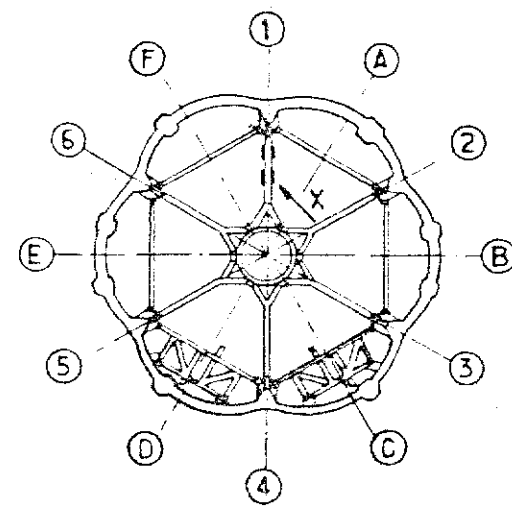
NOTES

FOR LOCATION SEE SK. FF 91-36-35.
PRESENCE OF BASE PLATES TYPE 21 TO BE CHECKED.

elf aquitaine norge a/s p.o. box 168 4001 Stavanger				Job no.		Installation CDP 1	System UNDERWATER
elf				Scale 1:25		BASE PLATES TYPE 21 FOR DEEP WELL PUMP CASING	
FRIGG FIELD				Dwgr. no. FF 91-36-35		Rev. 1	Sheet 1
1	11-83	REDRAWN	by app.	Contractor JVD 1029-30			
Rev.	Date	DESCRIPTION	by app.				



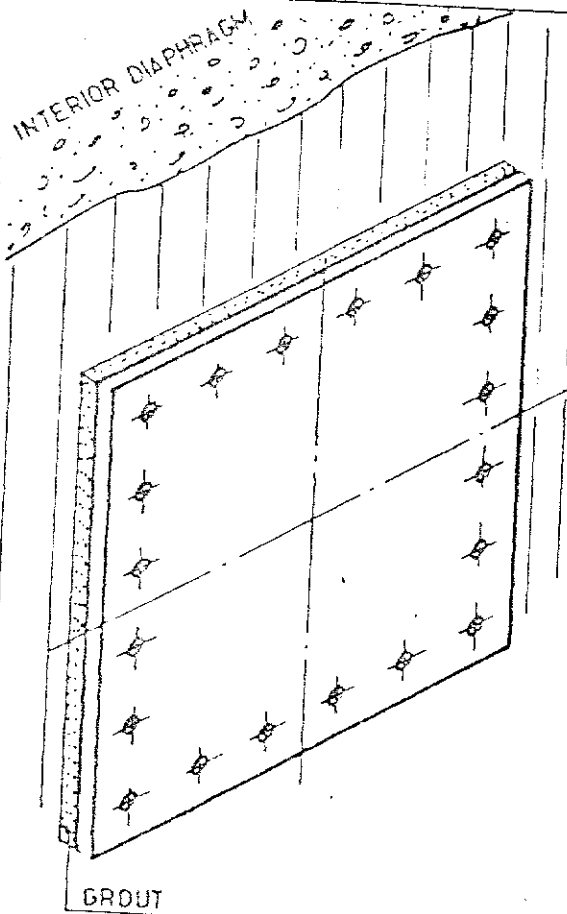
VIEW X



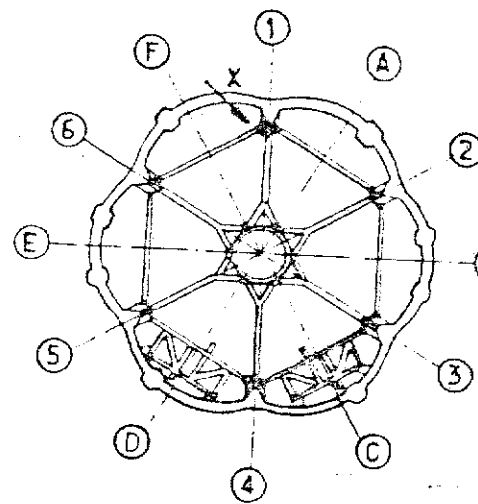
NOTES

FOR LOCATION OF PLATE D49 SEE SK. FF 91-36-35.
 PRESENCE OF PLATES (4 OFF) TO BE CHECKED.

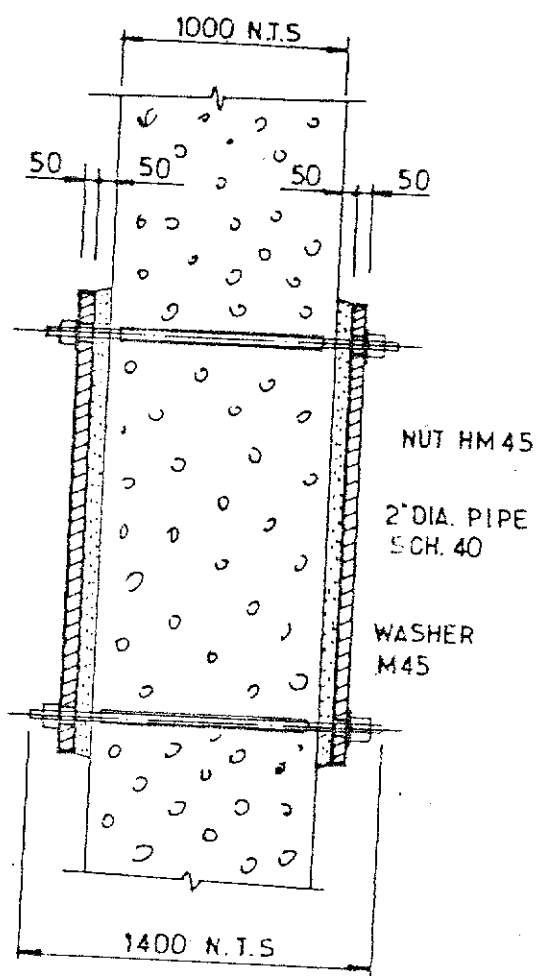
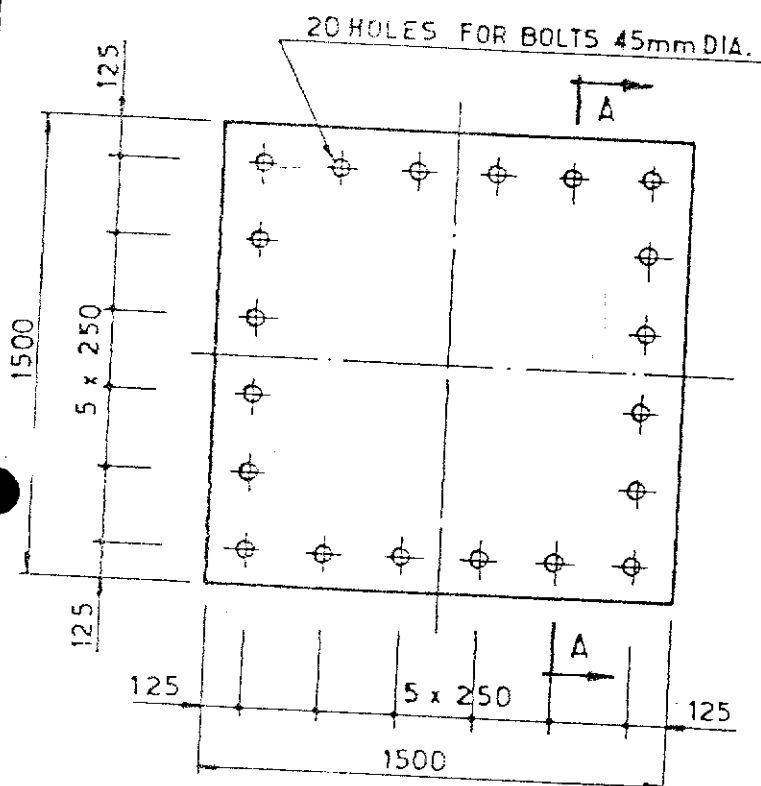
				elf aquitaine norge a/s		Job no.	Installation CDP 1	System UNDERWATER
1	11.83	REDRAWN	HC	HC	p.o. box 16B	Scale 1:25	BASE PLATE TYPE D 49 FOR GUIDE PIPE PUMPS.	
Rev.	Date	DESCRIPTION	by	app.	4001 Stavanger	Dwgr. no.	FF 91-36-35	Rev. 1
Contractor JVD 1029-30.				FRIGG FIELD				



GRID NORTH
19°37'
PLAT. NORTH



KEY PLAN



SECTION A-A

NOTES

FOR LOCATION OF PLATES D 50 SEE SK. FF 91-36-35.
PRESENCE OF PLATES (6 OFF) TO BE CHECKED.

Rev.	Date	DESCRIPTION	by	app.
1	11-83	REDRAWN	WJ	MC

Contractor JVD 1029-30.

elf
aquitaine
norge a/s
p.o. box 168
4001 Stavanger



FRIGG FIELD

Job no.

Scale
1:25

Dwgr. no.

Installation
CDP-1

BASE PLATE TYPE D 50
FOR GUIDE PIPE PUMPS.

FF 91-36-35.

System
UNDERWATER

Rev. 1 Sheet