

ENRON

Oil & Gas Company

Houston, Texas

4-PILE PRODUCTION PLATFORM EUGENE ISLAND BLOCK 135 "A" 68 FT. W.D.

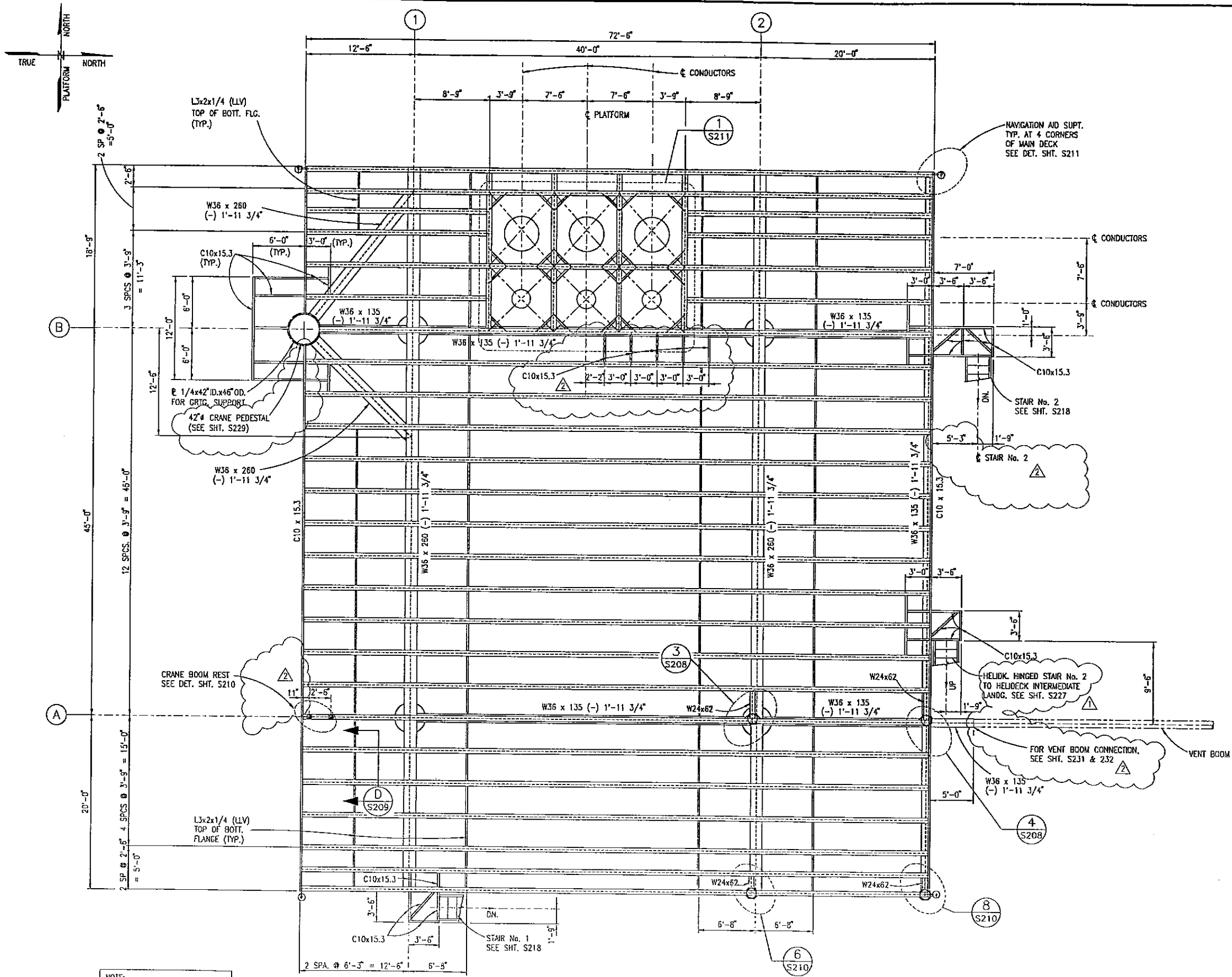
LIST OF DRAWINGS

<u>SHEET</u>	<u>TITLE</u>	<u>SHEET</u>	<u>TITLE</u>
S000	TITLE SHEET	S210	DECK SECTIONS AND DETAILS (SHEET 3 OF 6)
S001	ASSEMBLY ELEVATIONS	S211	DECK SECTIONS AND DETAILS (SHEET 4 OF 6)
S002	WELDING CONNECTIONS (SHEET 1 OF 2)	S212	DECK SECTIONS AND DETAILS (SHEET 5 OF 6)
S003	WELDING CONNECTIONS (SHEET 2 OF 2)	S213	DECK SECTIONS AND DETAILS (SHEET 6 OF 6)
S101	JACKET ELEVATIONS COLUMN ROWS "1" & "2"	S214	MAIN DECK GRATING AND HANDRAIL PLAN
S102	JACKET ELEVATION COLUMN ROW "A"	S215	CELLAR DECK GRATING AND HANDRAIL PLAN
S103	JACKET ELEVATION COLUMN ROW "B"	S216	SUB-CELLAR DECK GRATING AND HANDRAIL PLAN
S104	HORIZONTAL FRAMING PLAN AT ELEV.(+) $12'-0"$	S217	CAGED LADDER AND DETAILS
S105	HANDRAIL LAYOUT AND DETAILS	S218	FIXED STAIRS, SECTIONS AND DETAILS
S106	HORIZONTAL FRAMING PLAN AT ELEV. (-) $68'-0"$	S219	FIREWALL AND DETAILS
S107	JACKET DETAILS (SHEET 1 OF 2)	S220	HINGED STAIR No. 6, SECTIONS AND DETAILS
S108	JACKET DETAILS (SHEET 2 OF 2)	△ S221	PUMP CASINGS AND DETAILS
S109	MUDMAT SECTIONS AND DETAILS	S222	HELIDECK FRAMING PLAN AND ELEVATIONS
S110	BOAT LANDING (SHEET 1 OF 2)	S223	HELIDECK SAFETY PANEL AND MARKING LAYOUT
S111	BOAT LANDING (SHEET 2 OF 2)	S224	HELIDECK SECTIONS AND DETAILS
S112	JACKET LIFTING EYES AND INSTALLATION SEQUENCE	S225	HELIDECK STAIR No. 1
S113	(NOT USED)	S226	HELIDECK INTERMEDIATE LANDING
S114	PILE ASSEMBLY AND MAKE-UP	S227	HELIDECK HINGED STAIR No. 2
S115	PILING SECTIONS AND DETAILS	△ S228	REMOVABLE STAIR No.3
S116	ANODE LOCATIONS AND DETAILS	S229	CRANE PEDESTAL AND NOZZLE ORIENTATION
△ S117	(NOT USED)	△ S230	10 3/4"Ø RISER, CLAMPS AND DETAILS
△ S118	PUMP CASINGS AND DETAILS	△ S231	VENT BOOM ELEVATION
S119	6 5/8"Ø RISERS, CLAMPS AND DETAILS	△ S232	VENT BOOM - SECTIONS AND DETAILS (SHEET 1 OF 2)
△ S120	10 3/4"Ø RISER, CLAMPS AND DETAILS	S233	VENT BOOM - SECTIONS AND DETAILS (SHEET 2 OF 2)
S201	MAIN DECK FRAMING PLAN ELEV. (+) $90'-0"$ T.O.S.	△ S234	ACCESS DECK PLAN AT EL.(+) $37'-0"$
S202	CELLAR DECK FRAMING PLAN ELEV. (+) $70'-0"$ T.O.S.	△ S235	ACCESS DECK STAIR
S203	SUB-CELLAR DECK FRAMING PLAN ELEV. (+) $55'-0"$ T.O.S.	△ S236	CLAMP DETAILS (AT EL.(+) $37'-0"$)
S204	TRUSS ELEVATION COLUMN ROW "A"	S280	DECK, JACKET, AND PILING TIE-DOWN PLAN
S205	TRUSS ELEVATION COLUMN ROW "B"	S281	TIE-DOWN SECTIONS AND DETAILS
S206	TRUSS ELEVATION COLUMN ROW "1"	△	
S207	TRUSS ELEVATION COLUMN ROW "2"		
S208	DECK SECTIONS AND DETAILS (SHEET 1 OF 6)		
S209	DECK SECTIONS AND DETAILS (SHEET 2 OF 6)		

PREPARED BY
PETRO-MARINE ENGINEERING, INC.
HOUSTON, TEXAS
DECEMBER, 1996
PROJECT NO. 2208H01

The seal appearing on
this document was
submitted by
GREGORY LYNN RUIHL, P.E., Reg. #74319
February 16, 1997





- NOTES:**
- ALL DECK MATERIALS TO BE ASTM A36 (F_y = 36 KSI) WILD STEEL UNLESS OTHERWISE NOTED AS INTERMEDIATE STRENGTH STEEL BY:
 - (API 2H) - CONFORMING TO API 2H GRADE 50 (F_y = 50 KSI)
 - (SLU) - CONFORMING TO API SLU GRADE X52 (F_y = 52 KSI)
 - ALL WELDING SHALL BE DONE IN ACCORDANCE WITH AWS D1.1 LATEST REVISION.
 - ALL WELDING SHALL BE COMPLETE PENETRATION UNLESS OTHERWISE NOTED.
 - ALL FABRICATION AND COATING SHALL CONFORM TO ENRON'S SPECIFICATIONS.
 - STAIRS AND HAND RAILS TO BE COATED WITH THE SAME SYSTEM USED ON THE REST OF THE DECK. (STAIR TREAD IS TO BE HOT DIPPED GALVANIZED.)
 - STEEL GRATING TO BE 1' x 3/16" x 1 3/16" SERRATED STEEL. BAR GRATING IS TO BE HOT DIPPED GALVANIZED, EXCEPT ON HINGED STAIR TO TOP OF JACKET WHERE 1 1/4" x 3/16" SERRATED STEEL GRATING (HOT DIPPED GALVANIZED) WILL BE USED.
 - BAR GRATING SHALL BE WELDED TO SUPPORTING MEMBERS EVERY FOURTH BEARING BAR WITH 3/16" DOUBLE FELLET WELD.
 - FABRICATOR TO SAND DRYPINGS 1" AND LARGER AND GRATING EDGES ON BOAT LANDING WITH 1 1/4" x 3/16" OR 1' x 3/16" FLAT BAR.
 - FABRICATOR TO LINE UP GRATING BARS AS CLOSE AS POSSIBLE.
 - SHEETS OF GRATING ARE TO BE SEPARATED BY 1".
 - ALL HANDRAIL SOCKETS AND STIFFENER PLATES ARE TO BE WELDED TOGETHER THEN HOT DIPPED GALVANIZED PRIOR TO WELDING TO THE STRUCTURE. EXTERNAL SOCKETS, PLATES AND HANDRAILS ARE TO BE TOP COATED AS FOLLOWS:
 - A.) ACID WASH
 - B.) 3 MILS EPOXY PRIMER AND
 - C.) 2 MILS POLYURETHANE.
 - ALL HANDRAIL SOCKETS ARE TO BE FITTED USING HANDRAIL PANELS AS PER LAYOUT.
 - ALL HANDRAIL PANELS SHALL BE PIECE MARKED BY WELD BEND PRIOR TO GALVANIZING AND TEST FITTED PRIOR TO SHIPMENT (WHERE HANDRAILS SHIP LOOSE).
 - ALL HANDRAIL WELDS TO BE GROUND SMOOTH.
 - FABRICATOR IS TO FURNISH A MARKED-UP DRAWING WITH HEAT NUMBERS ON ALL MEMBERS OF STRUCTURE AT COMPLETION OF PROJECT.

NO.	BY	REVISION	DATE	CHK'D.	APP'D.
2	KN	ADDED NOTES, RELOC. BOOM REST, ADD'D DIM. & C10, REV. NOTE	3/21/97	JNS	
1	KN	REV. DWG. NO.	2/25/97	JNS	GLR
0	KN	APPROVED FOR CONSTRUCTION	2/18/97	JNS	GLR
B	KN	APPROVED FOR CONSTRUCTION MAIN STEEL ONLY	1/23/97	JNS	
A	EE	FOR MATERIAL TAKE-OFF	1/13/97	JNS	

PETRO-MARINE ENGINEERING, INC.
Consultants in Energy
 HOUSTON, TEXAS

ENRON
 Oil & Gas Company

4-PILE PRODUCTION PLATFORM
 EUGENE ISLAND BLOCK 135 "A" 68 FT. W.D.
 MAIN DECK FRAMING PLAN

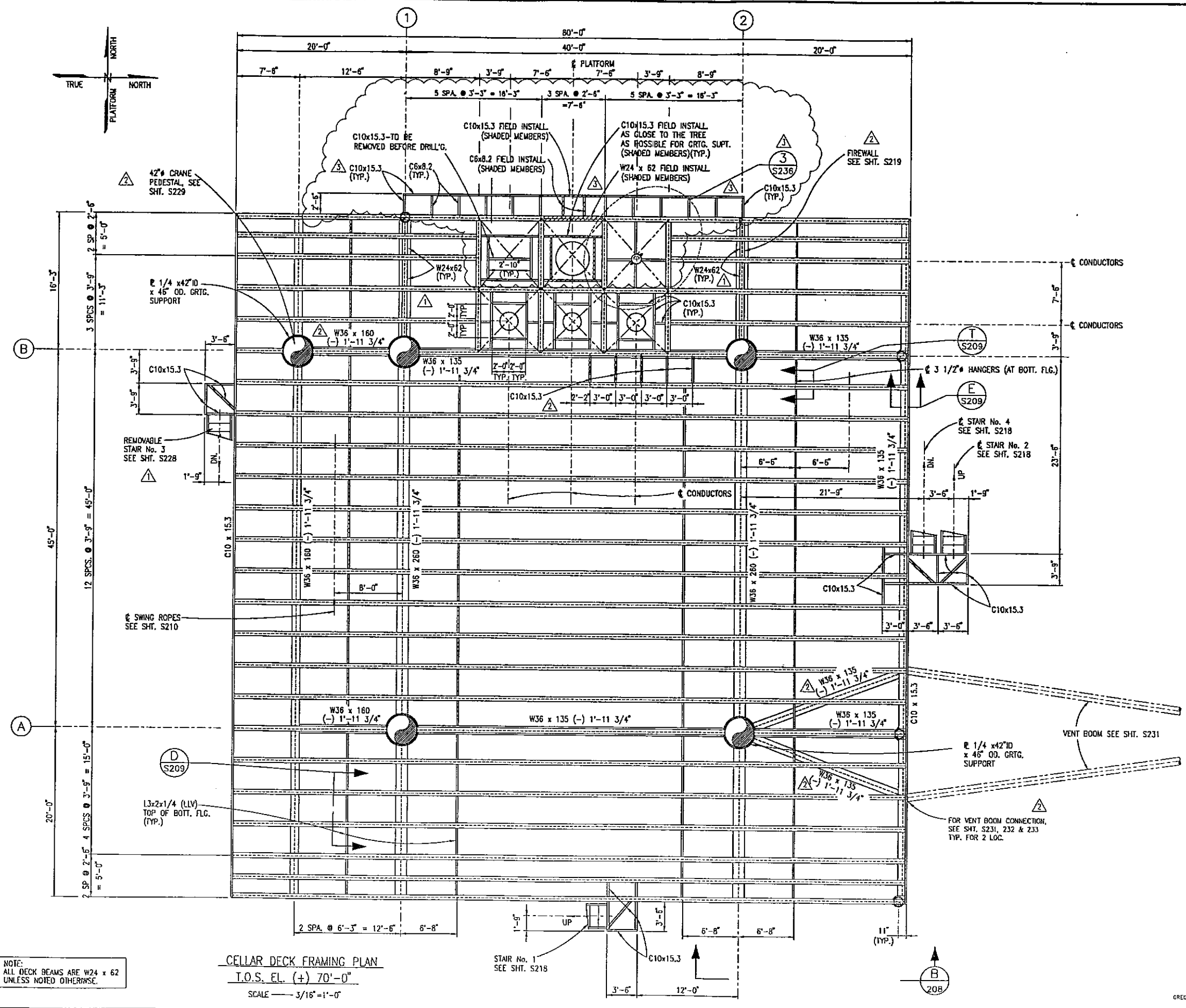
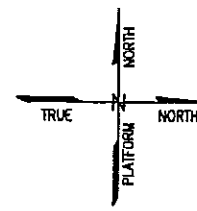
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DESIGNED BY:	PMET	2/18/97
DRAWN BY:	RED	12/96
CHECKED BY:	J SHAH	2/18/97
APPROVED BY:	G RUHL	2/18/97
PROJECT NO.:	2208H01	REV.
SHEET NO.:	S201	

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MAIN DECK FRAMING PLAN
 T.O.S. EL. (+) 90'-0"
 SCALE — 3/16" = 1'-0"

NOTE:
 ALL DECK BEAMS ARE W24 x 62 UNLESS NOTED OTHERWISE.



CELLAR DECK FRAMING PLAN
T.O.S. EL. (+) 70'-0"
SCALE — 3/16" = 1'-0"

NOTES:
1. SEE NOTES SHIT. S201

NO.	BY	REVISION	DATE	CHK'D.	APP'VD.
J	KN	REV. FIELD INST., CHG. DESIGN SLOT ADDED DET. 3/23/97, ADDED WALKWAY	5/30/97	JNS	
2	KN	ADDED W36, C10, REV. NOTES ADDED NOTES	3/21/97	JNS	GLR
1	KN	MOVED STAIR LANDING, ADDED W24 & SWING ROPES LOCATIONS	2/25/97	JNS	GLR
0	KN	APPROVED FOR CONSTRUCTION	2/18/97	JNS	GLR
B	KN	APPROVED FOR CONSTRUCTION	1/23/97	JNS	
A	EE	FOR MATERIAL TAKE-OFF	1/13/97	JNS	

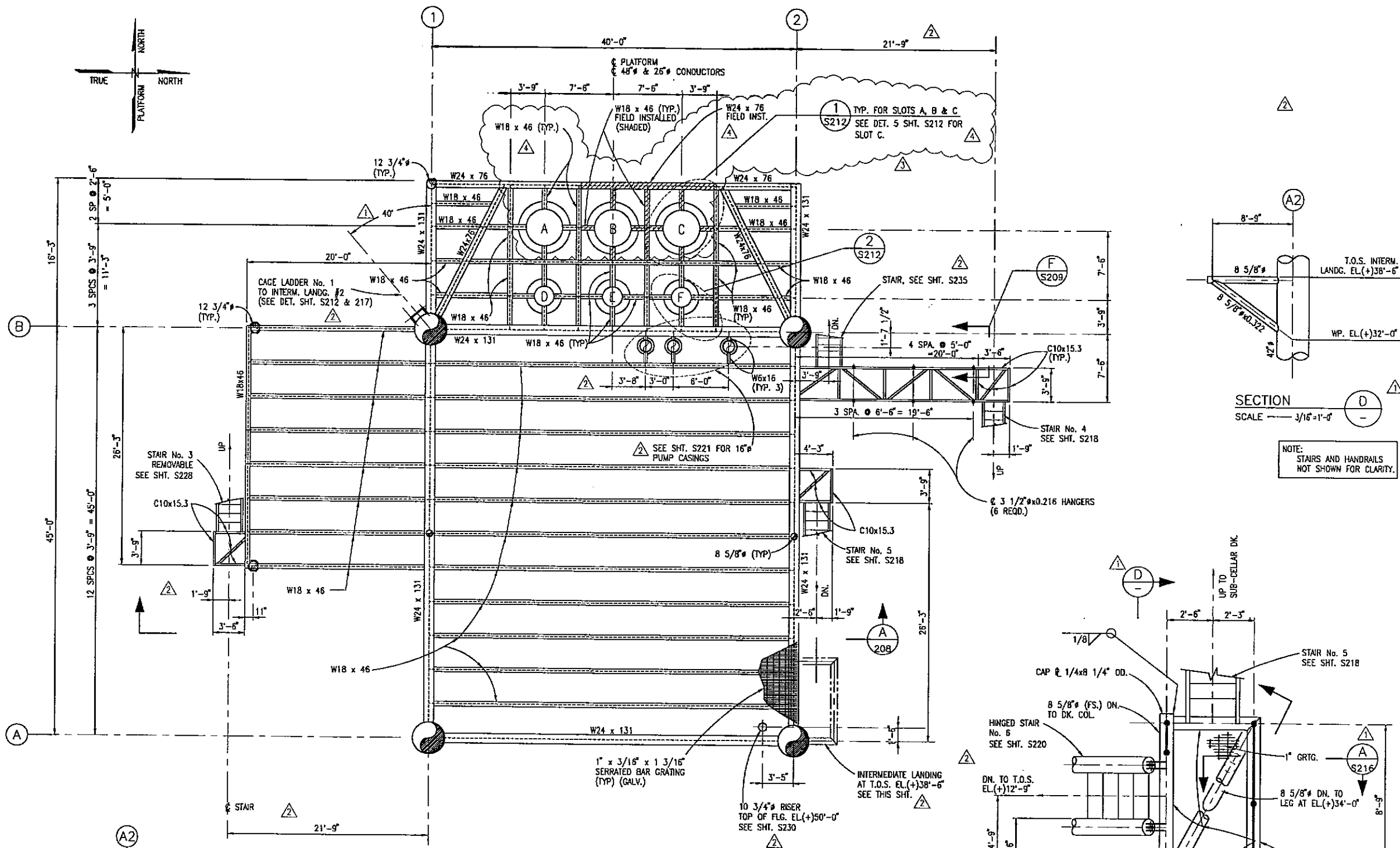
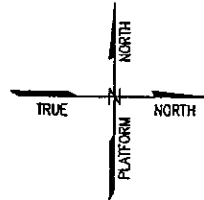
PETRO-MARINE ENGINEERING, INC.
Consultants in Energy
HOUSTON, TEXAS

ENRON
Oil & Gas Company
4-PILE PRODUCTION PLATFORM
EUGENE ISLAND BLOCK 135 "A" 68 FT. W.D.
CELLAR DECK FRAMING PLAN

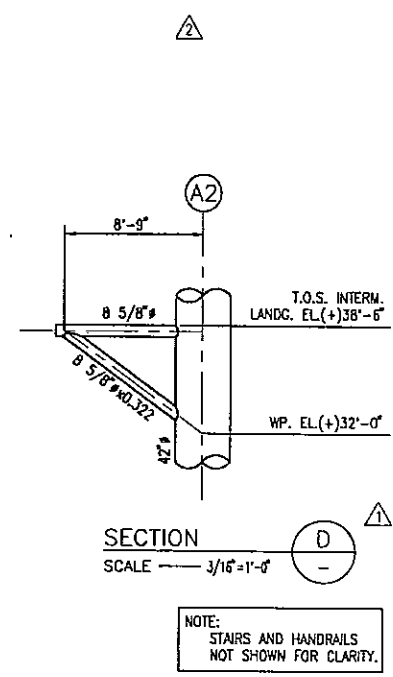
SCALE:	NOTED	DATE
DESIGNED BY:	PMET	12/18/97
DRAWN BY:	REDI	12/96
CHECKED BY:	J SHAH	2/18/97
APPROVED BY:	G RUHL	2/18/97
PROJECT NO.:	2208H01	REV.
SHEET NO.:	S202	Δ



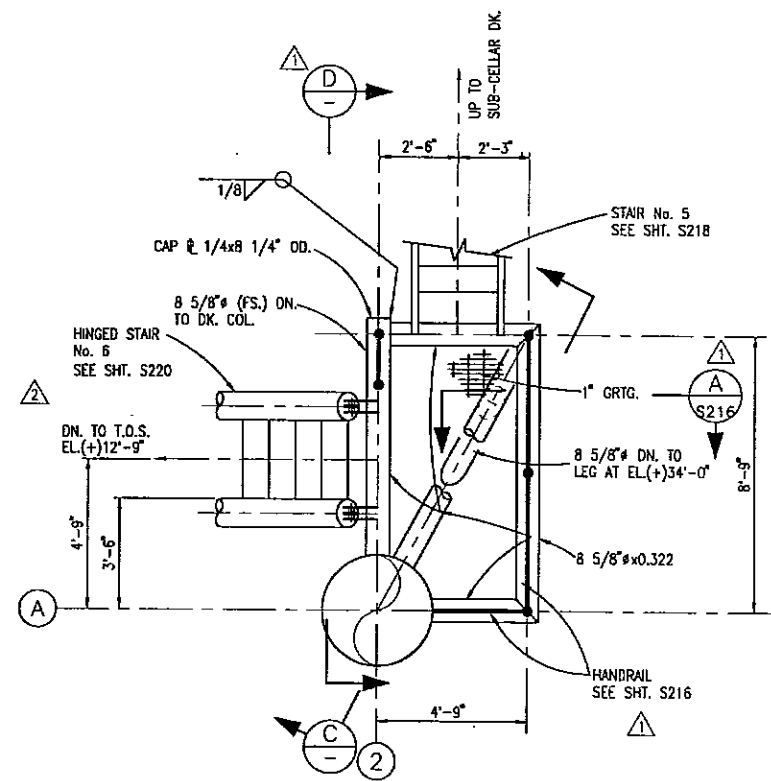
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SUB CELLAR DECK FRAMING PLAN
T.O.S. EL. (+) 55'-0"
SCALE — 3/16"=1'-0"



SECTION D
SCALE — 3/16"=1'-0"
NOTE: STAIRS AND HANDRAILS NOT SHOWN FOR CLARITY.



INTERMEDIATE LANDING PLAN T.O.S. EL. (+) 38'-6"
SCALE — 3/8"=1'-0"

NOTES:
1. SEE NOTES SHT. S201

NO.	BY	REVISION	DATE	CHK'D.	APP'D.
4	KN	REV. FIELD INST. WBR.	5/30/97	JNS	
3	KN	ADDED STAIR	4/24/97	JNS	GLR
2	KN	ADDED DIM'S, REV. NOTES, DEL. SECT. ADDED TO 3/4" RISER	3/21/97	JNS	GLR
1	KN	CHANGED LADDER ORIENTATION & ADDED SECT. D & A.	2/25/97	JNS	GLR
0	KN	APPROVED FOR CONSTRUCTION	2/18/97	JNS	GLR
B	KN	APPROVED FOR CONSTRUCTION MAIN STEEL ONLY	1/23/97	JNS	
A	EE	FOR MATERIAL TAKE-OFF	1/13/97	JNS	

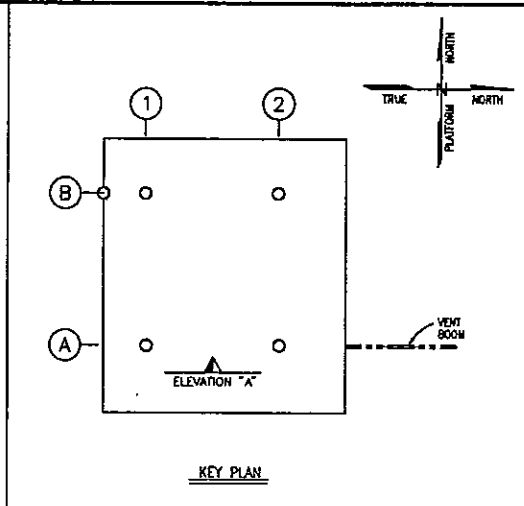
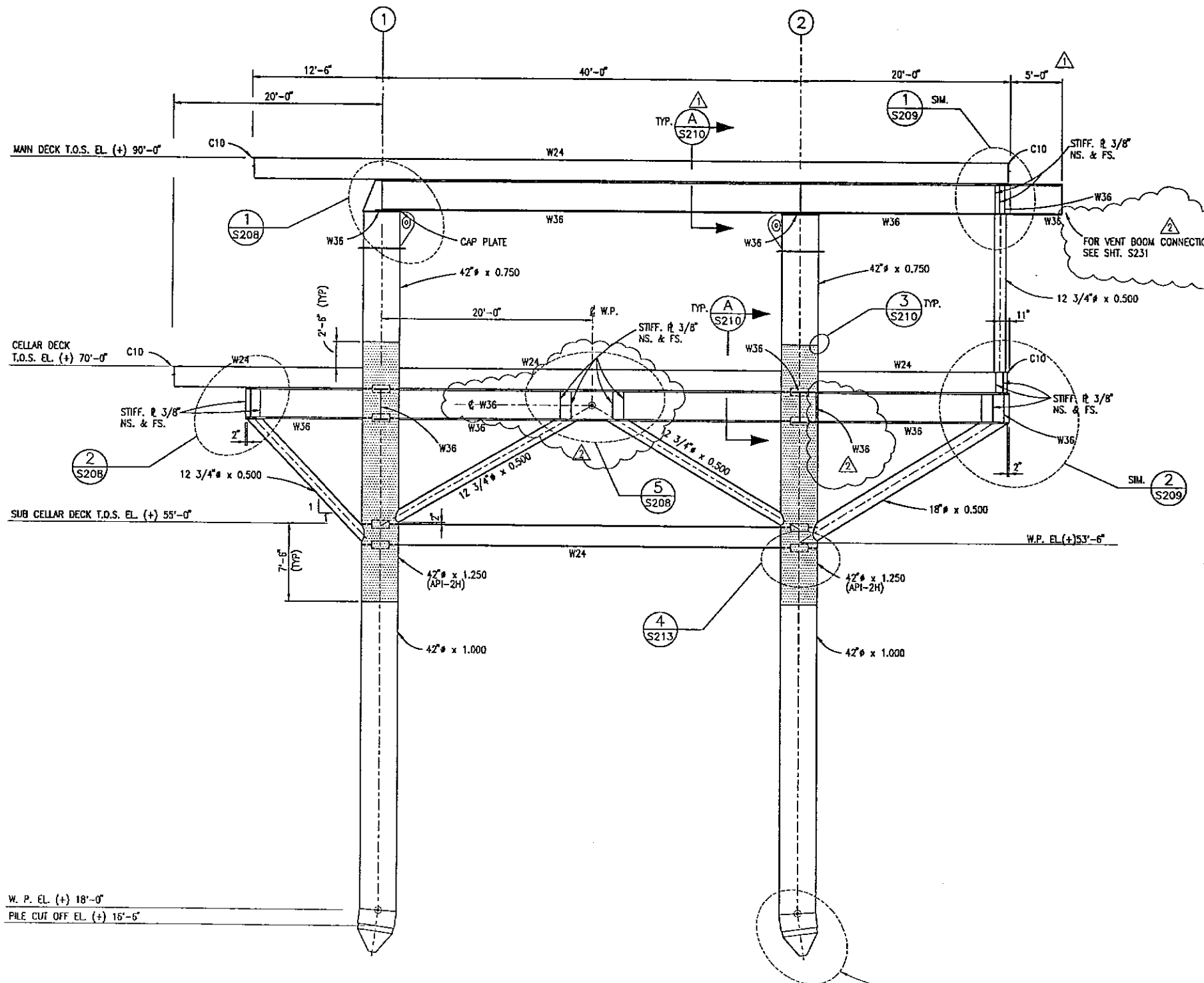
PETRO-MARINE ENGINEERING, INC.
Consultants in Energy
HOUSTON, TEXAS

ENRON
Oil & Gas Company
4-FILE PRODUCTION PLATFORM
EUGENE ISLAND BLOCK 135 "A" 68 FT. W.D.
SUB CELLAR DECK FRAMING PLAN

SCALE:	NOTED	DATE
DESIGNED BY:	PMET	2/18/97
DRAWN BY:	RED	12/96
CHECKED BY:	J. SHAH	2/18/97
APPROVED BY:	G. RUHL	2/18/97
PROJECT NO.	2208H01	REV.
SHEET NO.	S203	



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NOTES:
1. SEE NOTES SHT. S201

W. P. EL. (+) 18'-0"
PILE CUT OFF EL. (+) 16'-5"

COLUMN ROW "A" ELEVATION
SCALE — 3/16" = 1'-0"

STABBING GUIDE TYPE II
SEE DET. SHT. S213
(TYP.)

2	KN	ADDED W36, RELOC. STIFF. PLATES, ADDED MIT.	3/12/97	JNS	
1	KN	ADDED W36 & SECT. A	2/25/97	JNS	GLR
0	KN	APPROVED FOR CONSTRUCTION	2/18/97	JNS	GLR
B	KN	APPROVED FOR CONSTRUCTION MAIN STEEL ONLY	1/23/97	JNS	
A	EE	FOR MATERIAL TAKE-OFF	1/13/97	JNS	
NO.	BY	REVISION	DATE	CHK'D.	APP'VD.

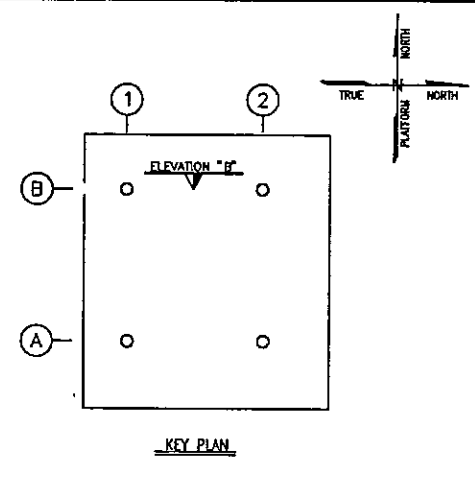
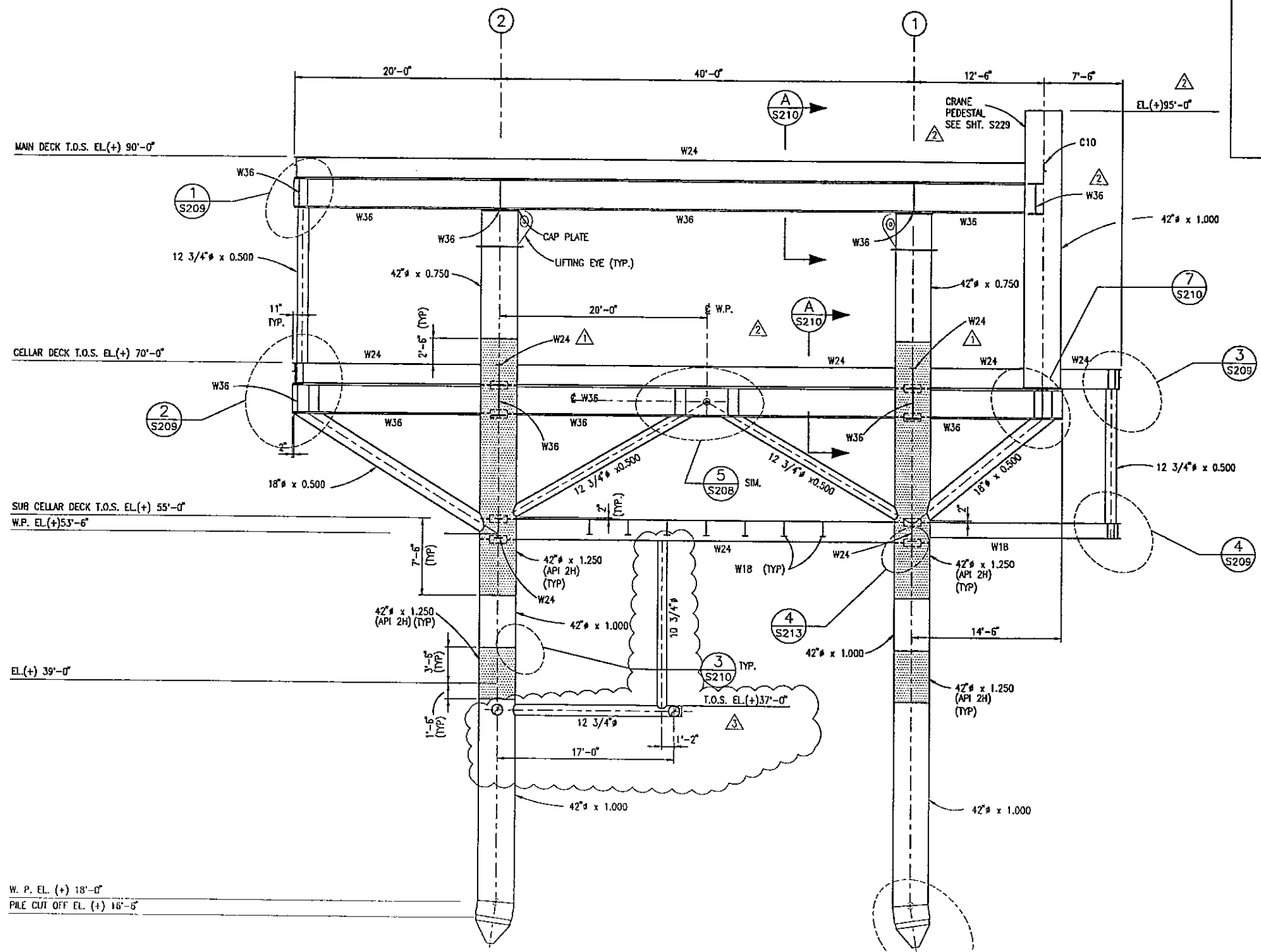
PETRO-MARINE ENGINEERING, INC.
Consultants in Energy
HOUSTON, TEXAS

ENRON
Oil & Gas Company

4-PILE PRODUCTION PLATFORM
EUGENE ISLAND BLOCK 135 "A" 68 FT. W.D.
TRUSS ELEVATION COLUMN ROW "A"

SCALE:	NOTED	DATE
DESIGNED BY:	PMET	2/18/97
DRAWN BY:	REO	12/96
CHECKED BY:	J SHAH	2/18/97
APPROVED BY:	C RUHL	2/18/97
PROJECT NO.	2208H01	REV.
SHEET NO.	S204	△

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on February 18, 1997



NOTES:
1. SEE NOTES SHT. S201

NO.	BY	REVISION	DATE	CHK'D.	APP'VD.
3	KN	ADDED ACCESS DECK AT (+)37'-0"	4/24/97	JNS	GLR
2	KN	ADDED W36 & EL. RELOC. STIFF. PL. REV. NOTE	3/21/97	JNS	GLR
1	KN	ADDED W24	2/25/97	JNS	GLR
0	KN	APPROVED FOR CONSTRUCTION	2/18/97	JNS	GLR
B	KN	APPROVED FOR CONSTRUCTION MAIN STEEL ONLY	1/23/97	JNS	
A	EE	FOR MATERIAL TAKE-OFF	1/13/97	JNS	

PETRO-MARINE ENGINEERING, INC.
Consultants in Design
HOUSTON, TEXAS

ENRON
Oil & Gas Company

4-PILE PRODUCTION PLATFORM
EUGENE ISLAND BLOCK 135 "A" 68 FT. W.D.
TRUSS ELEVATION COLUMN ROW "B"

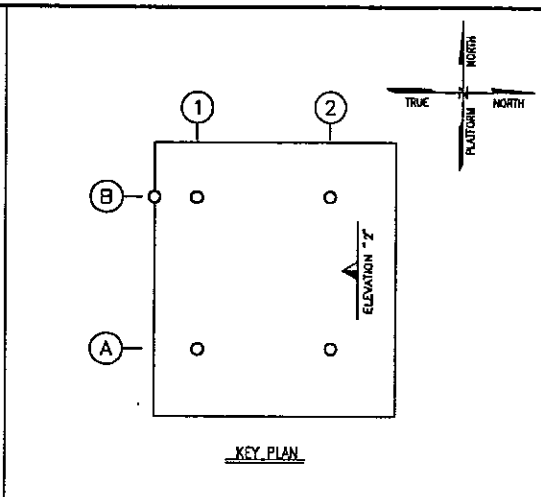
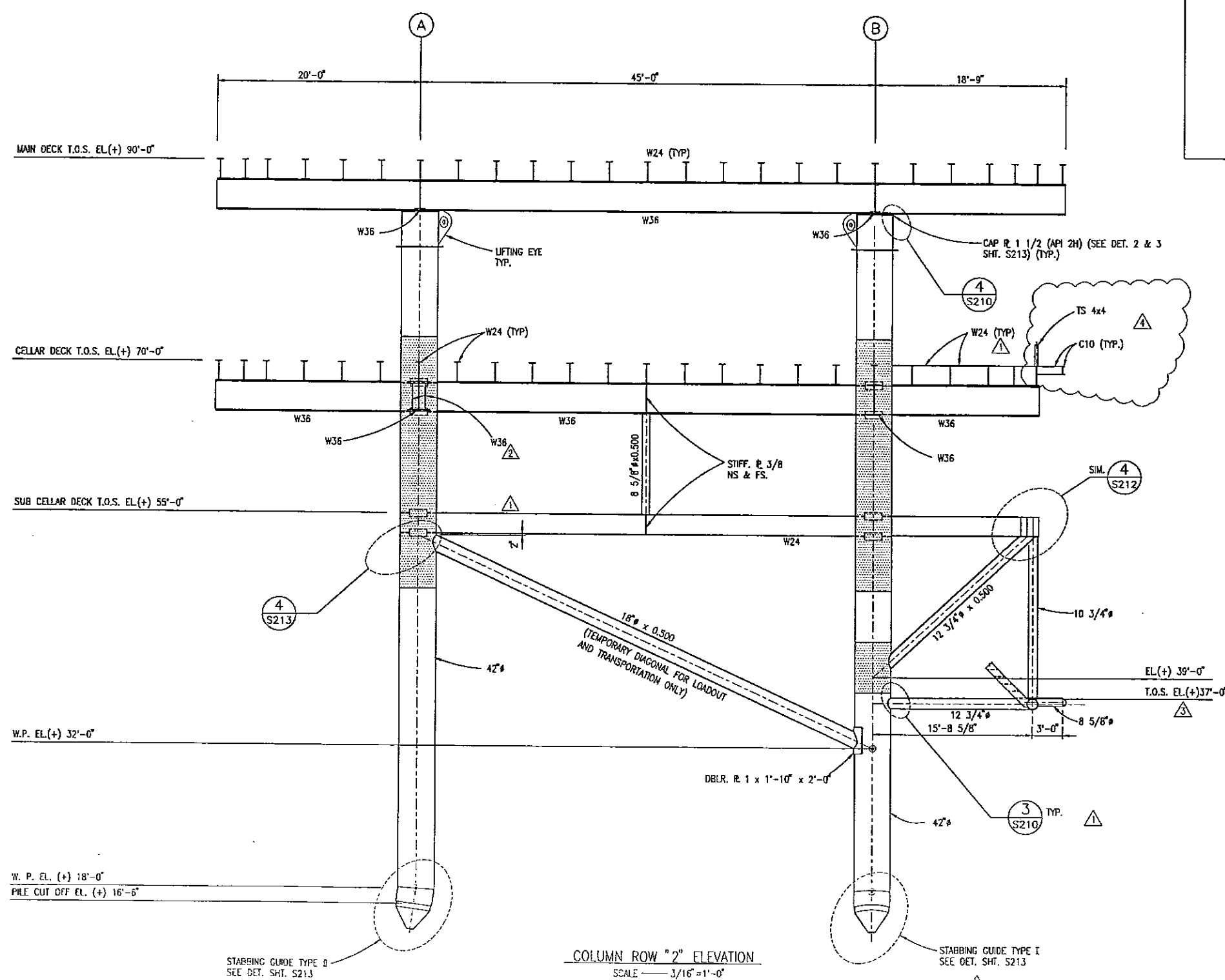
COLUMN ROW "B" ELEVATION
SCALE 3/16" = 1'-0"

STABBING GUIDE TYPE I
SEE DET. SHT. S213
(TYP.)

SCALE:	NOTED	DATE
DESIGNED BY:	PMET	2/18/97
DRAWN BY:	RED	12/96
CHECKED BY:	J SHAH	2/18/97
APPROVED BY:	G RUIHL	2/18/97
PROJECT NO.	2208H01	REV.
SHEET NO.	S205	

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on February 18, 1997





NOTES:
1. SEE NOTES SH. S201

NO.	BY	REVISION	DATE	CHKD.	APPVD.
4	KN	ADDED C10 WALKWAY	5/30/97	JNS	
3	KN	ADDED OK. @ (+)37'-0"	4/24/97	JNS	GLR
2	KN	ADDED TWO W36	3/21/97	JNS	GLR
1	KN	ADDED W24, DET. 3; DEL. DIM.	1/25/97	JNS	GLR
0	KN	APPROVED FOR CONSTRUCTION	2/18/97	JNS	CLR
B	KN	APPROVED FOR CONSTRUCTION	1/23/97	JNS	
A	EE	FOR MATERIAL TAKE-OFF	1/13/97	JNS	

PETRO-MARINE ENGINEERING, INC.
Consultants in Energy
HOUSTON, TEXAS

ENRON
Oil & Gas Company

4-PILE PRODUCTION PLATFORM
EUGENE ISLAND BLOCK 135 "A" 68 FT. W.D.
TRUSS ELEVATION COLUMN ROW "2"

SCALE:	NOTED:	DATE:
DESIGNED BY: PMET	12/18/97	
DRAWN BY: RED	12/96	
CHECKED BY: J SHAH	12/18/97	
APPROVED BY: G RUHL	2/16/97	
PROJECT NO. 2068001		
SHEET NO. 5207		

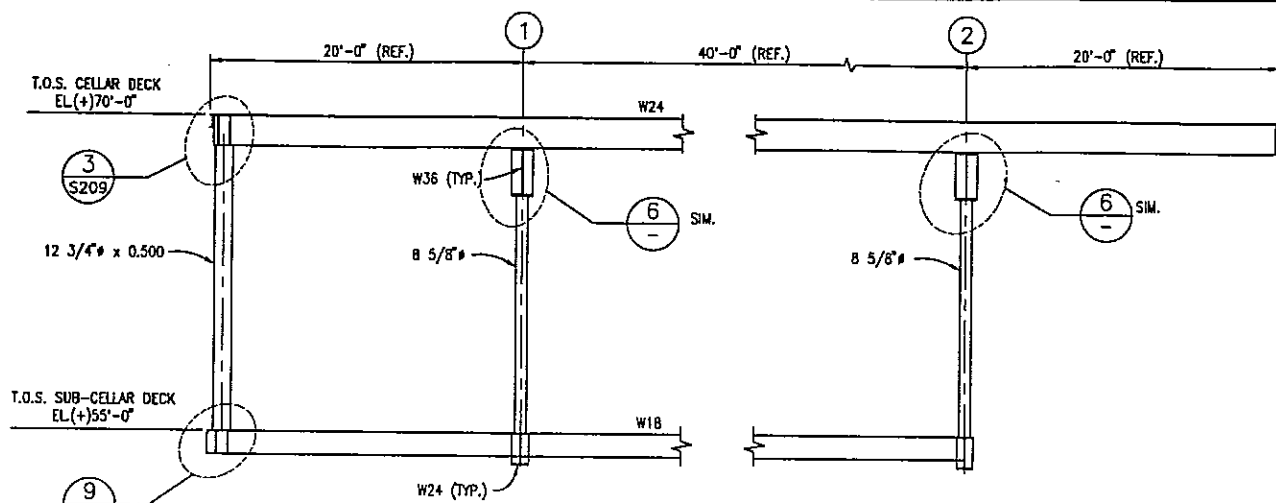
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on February 16, 1997



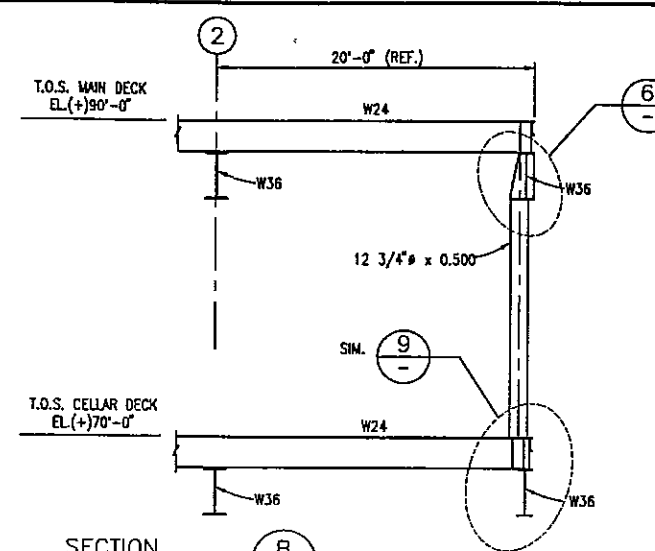
COLUMN ROW "2" ELEVATION
SCALE 3/16"=1'-0"

NOTES:

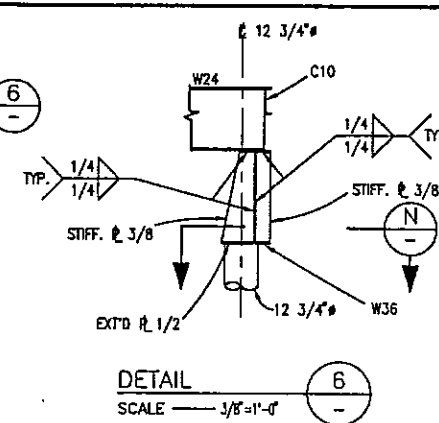
1. SEE NOTES SHIT, S201



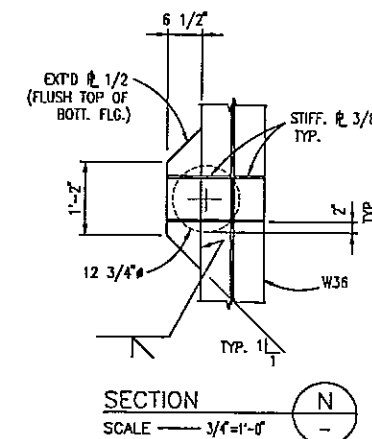
SECTION A
SCALE 3/16"=1'-0"



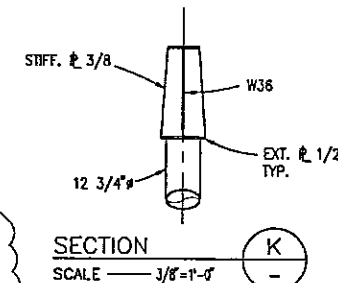
SECTION B
SCALE 3/16"=1'-0"



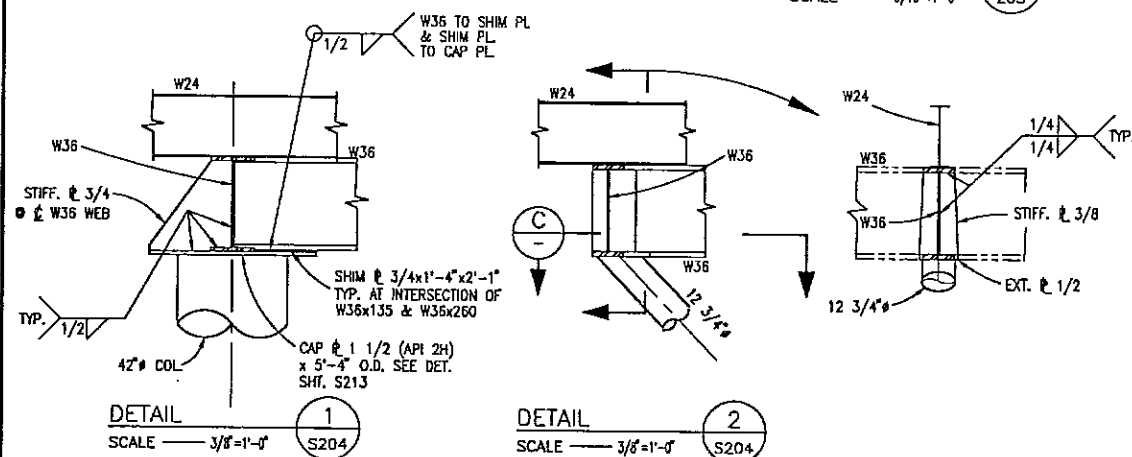
DETAIL 6
SCALE 3/8"=1'-0"



SECTION N
SCALE 3/8"=1'-0"

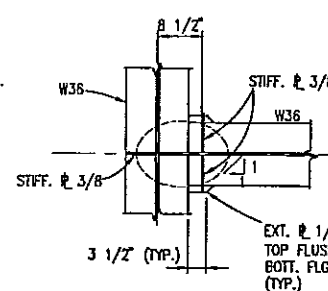


SECTION K
SCALE 3/8"=1'-0"

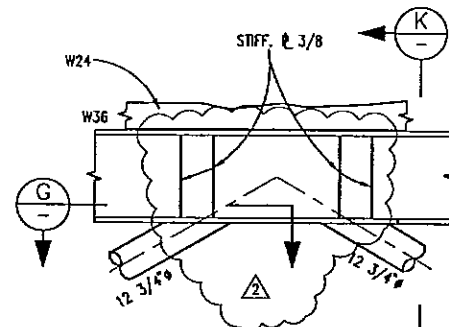


DETAIL 1
SCALE 3/8"=1'-0"

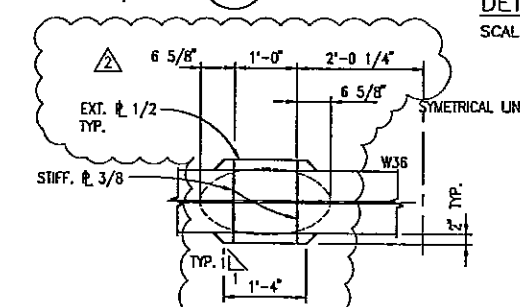
DETAIL 2
SCALE 3/8"=1'-0"



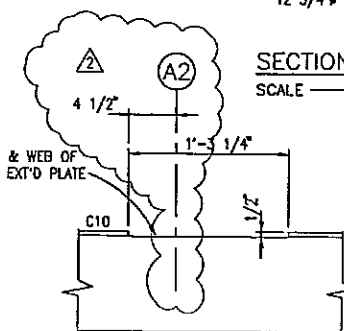
SECTION C
SCALE 3/8"=1'-0"



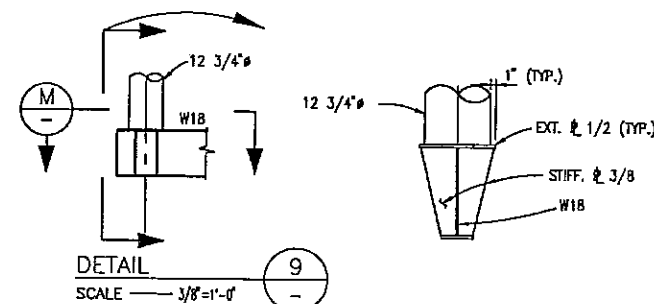
DETAIL 5 5 SIM
SCALE 3/8"=1'-0"



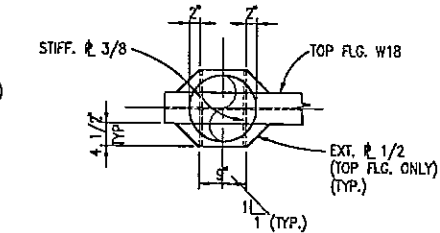
SECTION G
SCALE 3/8"=1'-0"



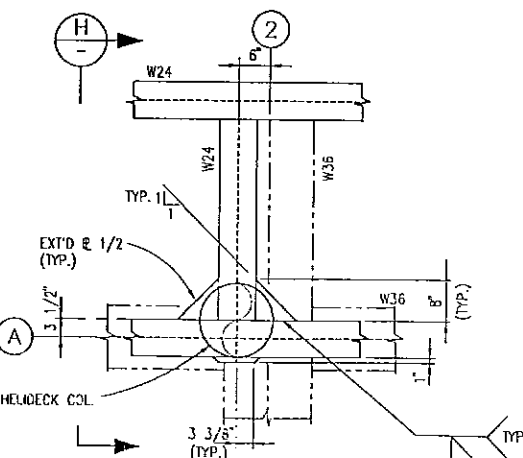
SECTION P
SCALE 1/2"=1'-0"



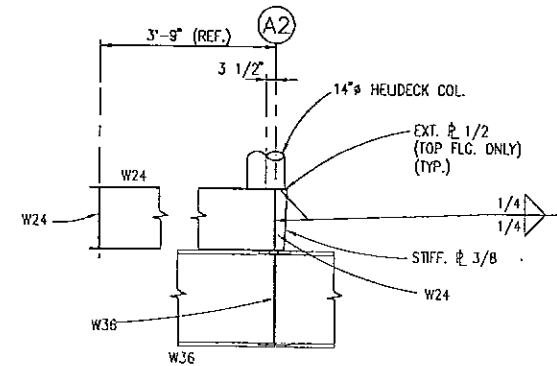
DETAIL 9
SCALE 3/8"=1'-0"



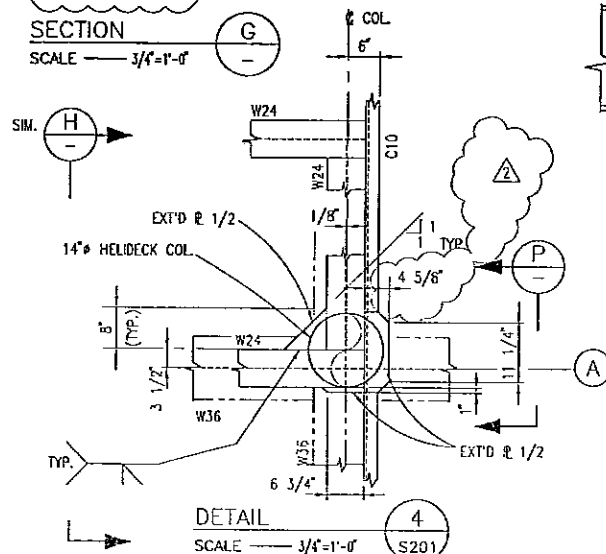
SECTION M
SCALE 3/4"=1'-0"



DETAIL 3
SCALE 3/4"=1'-0"



SECTION H
SCALE 3/8"=1'-0"



DETAIL 4
SCALE 3/4"=1'-0"

2	KN	REV. DET. 4,5, SECT. G,P	3/21/97	JNS	
1	KN	ADDED SECT. 5	2/25/97	JNS	GLR
0	KN	APPROVED FOR CONSTRUCTION	2/18/97	JNS	GLR
B	KN	APPROVED FOR CONSTRUCTION MAIN STEEL ONLY	1/23/97	JNS	
A	EE	FOR MATERIAL TAKE-OFF	1/13/97	JNS	
NO.	BY	REVISION	DATE	CHK'D	APPV'D

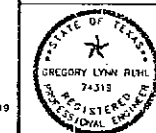
PETRO-MARINE ENGINEERING, INC.
Houston, Texas

ENRON
Oil & Gas Company

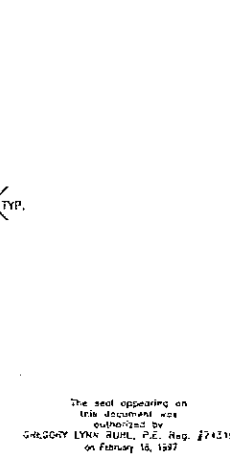
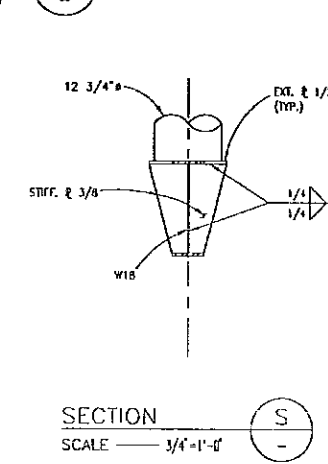
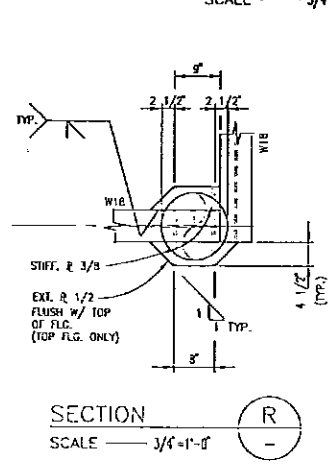
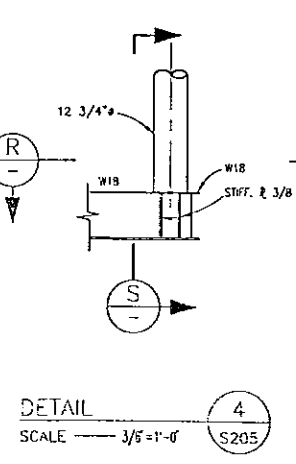
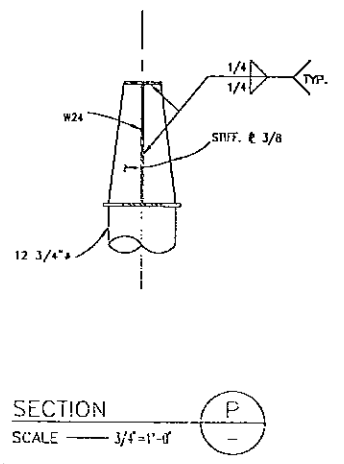
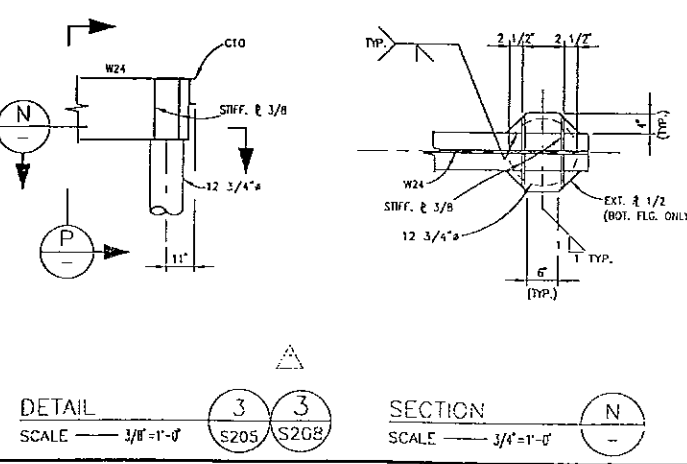
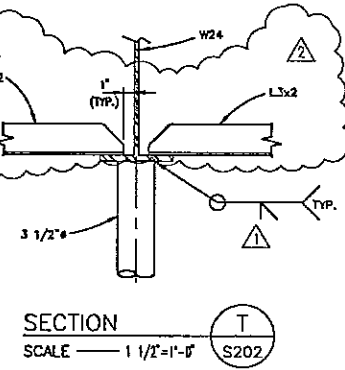
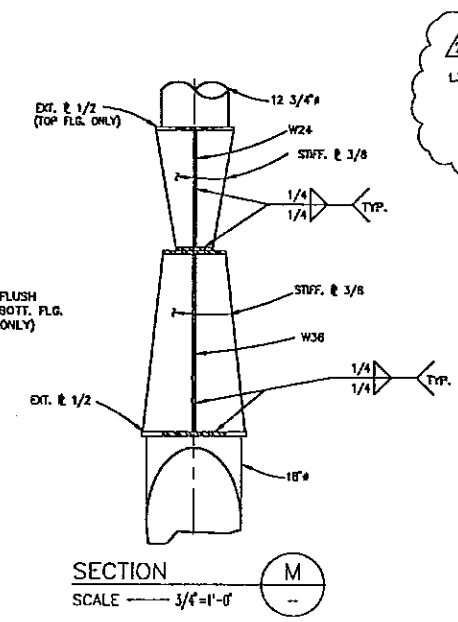
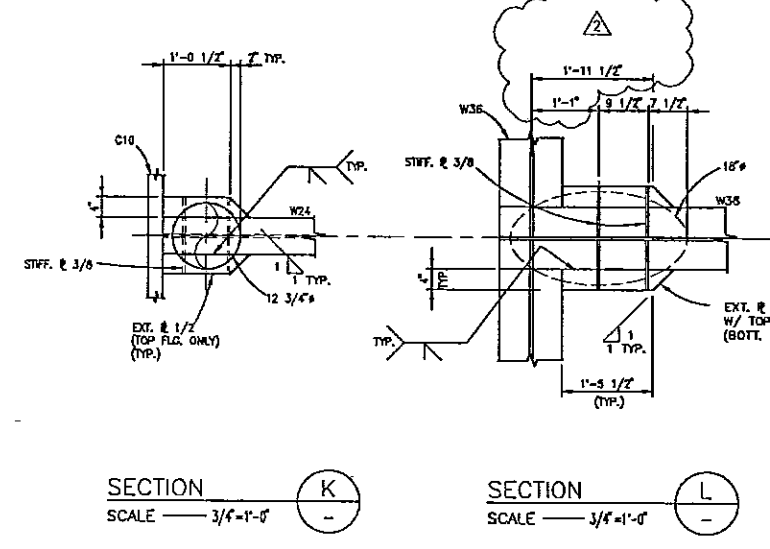
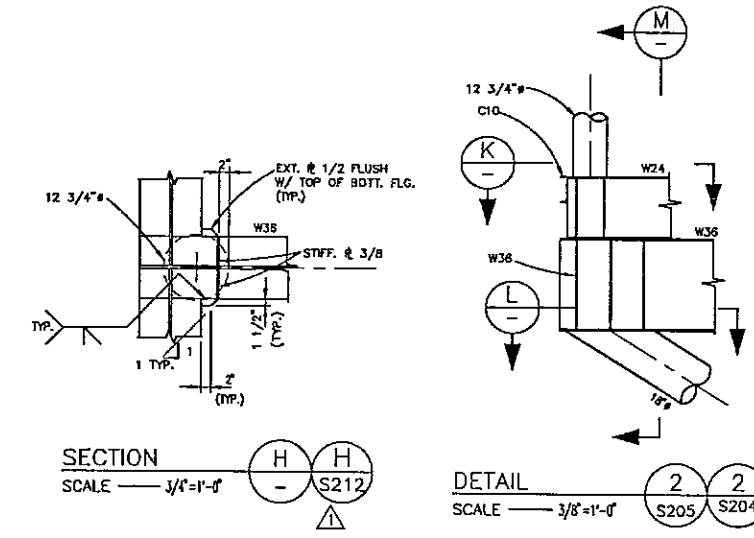
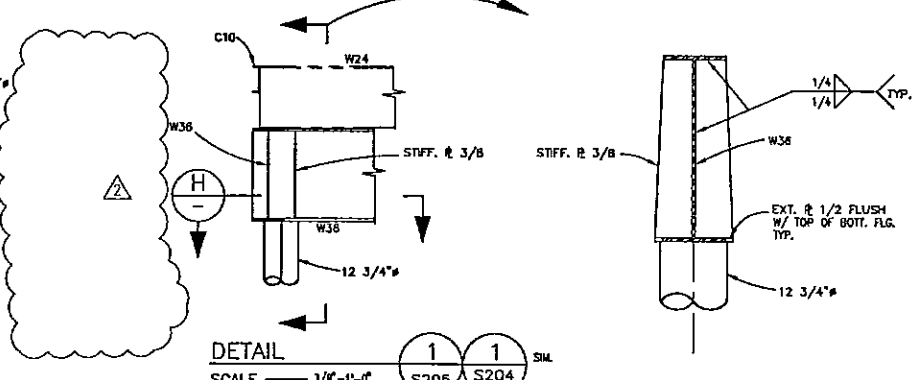
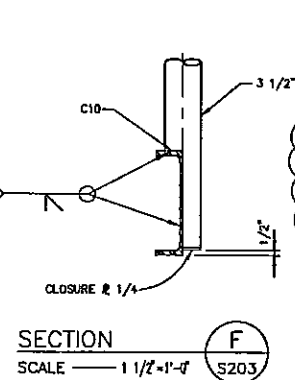
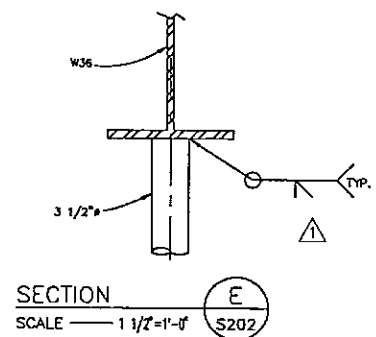
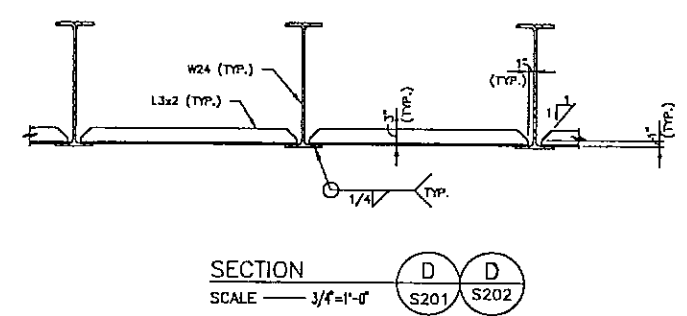
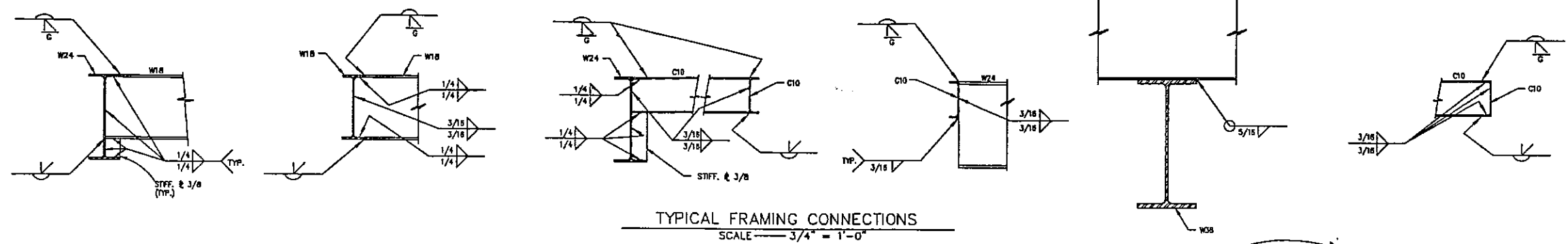
4-PILE PRODUCTION PLATFORM
EUGENE ISLAND BLOCK 135 "A" 68 FT. W.D.
DECK SECTION AND DETAILS
(SHEET 1 OF 6)

SCALE:	NOTED DATE:
DESIGNED BY: PHET.2/18/97	
DRAWN BY: E. EDGE 1/97	
CHECKED BY: J. SHAH 2/18/97	
APPROVED BY: G. RUHL 2/18/97	
PROJECT NO. 2208H61	
SHEET NO. S208I	

The steel appearing on this document was authorized by GREGORY LYNN RHM, P.E. Reg. #74319 on February 16, 1997



NOTES:
1. SEE NOTES SHIT. 201.



NO.	BY	REVISION	DATE	CHKD.	APPVD.
2	KH	REV. SECT. L T	3/21/97	JNS	
1	KH	REV. WELD SYMBOLS	2/25/97	JNS	DLR
0	KH	APPROVED FOR CONSTRUCTION	2/18/97	JNS	DLR

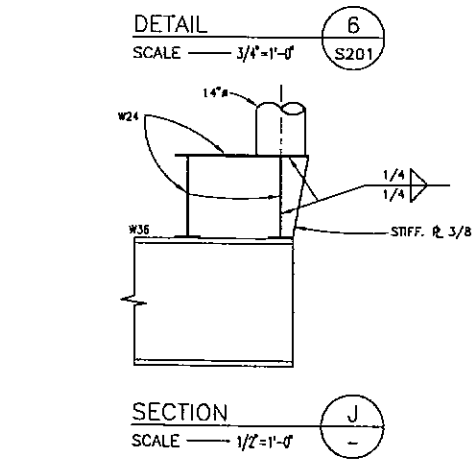
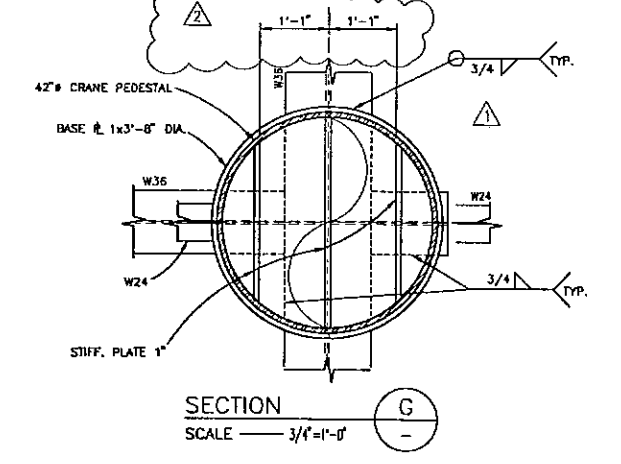
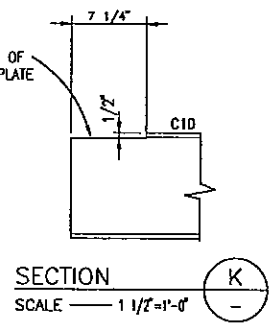
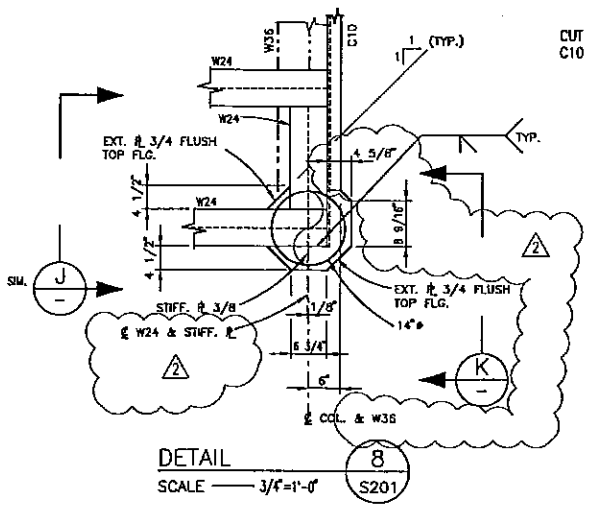
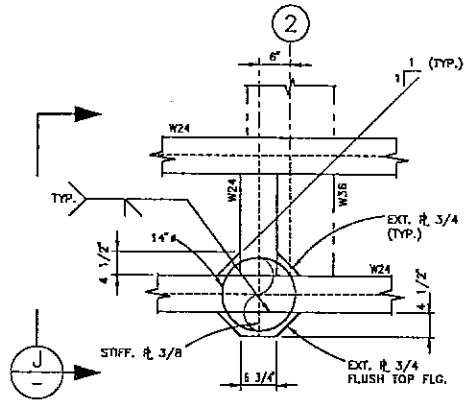
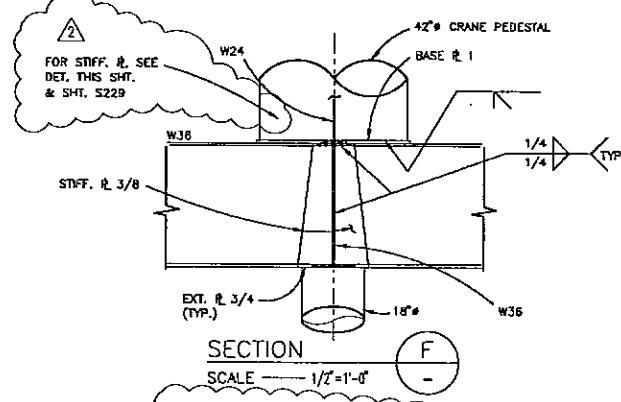
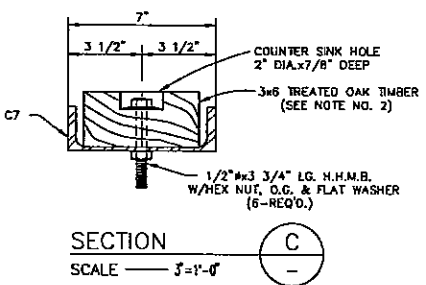
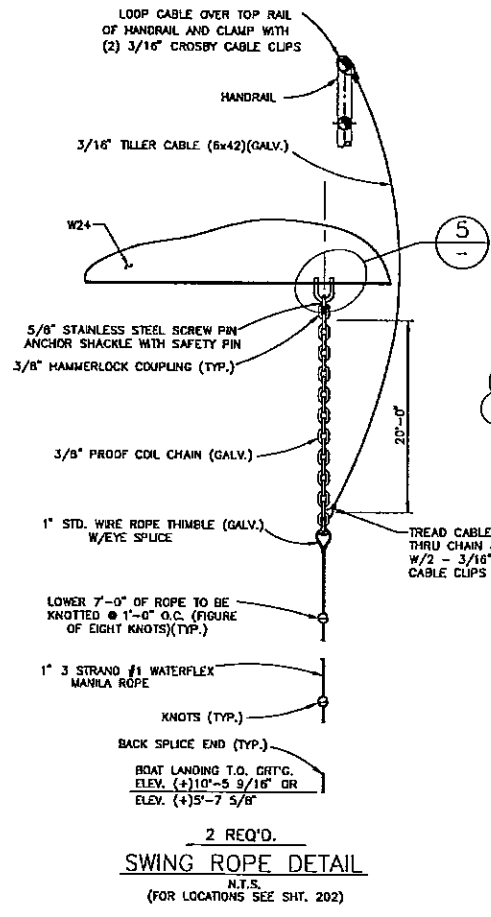
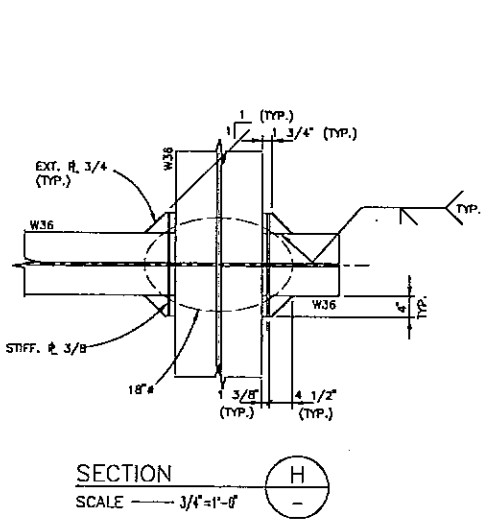
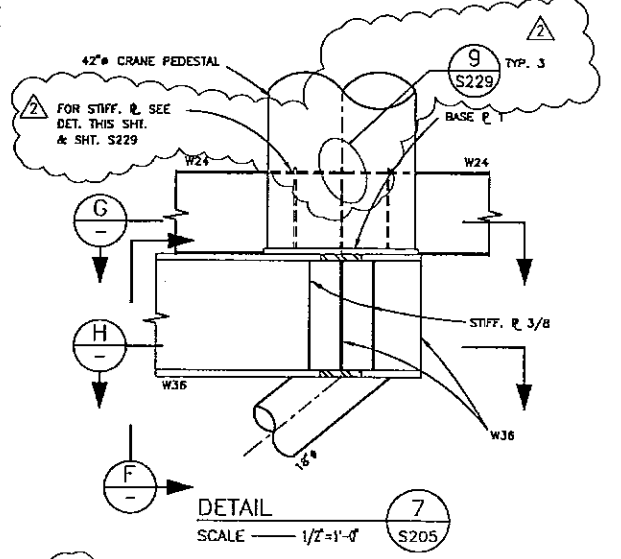
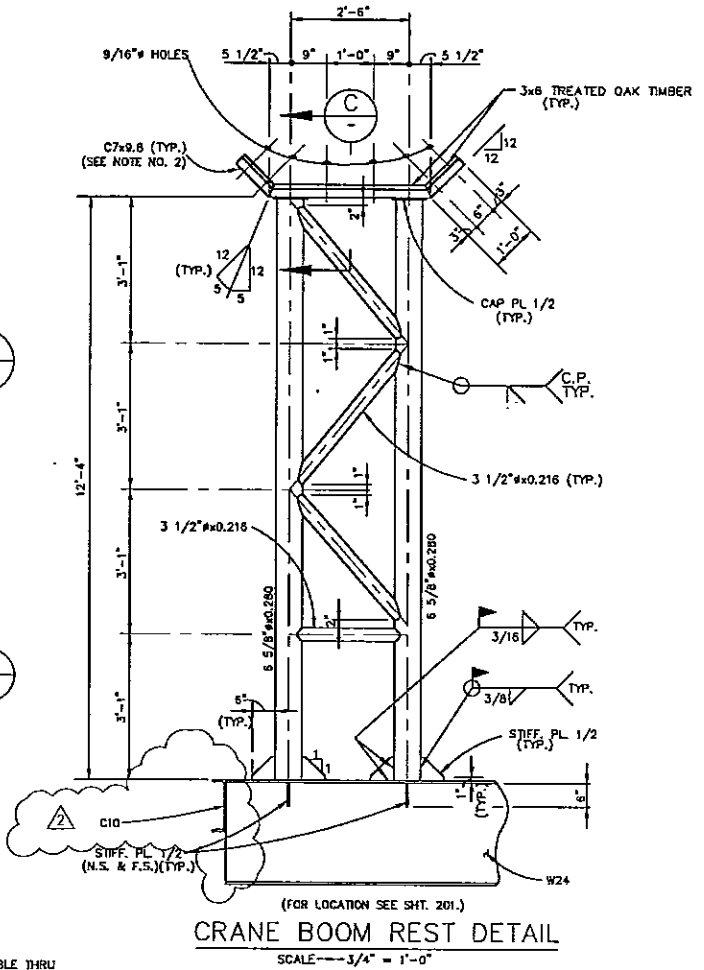
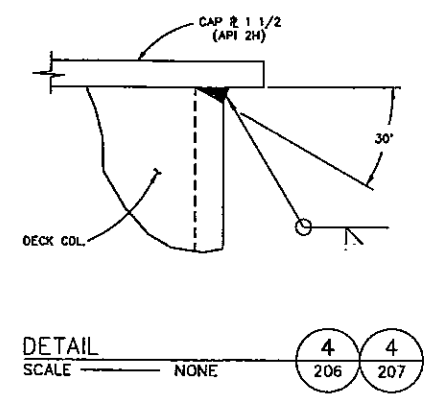
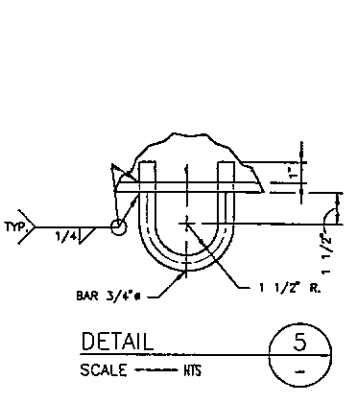
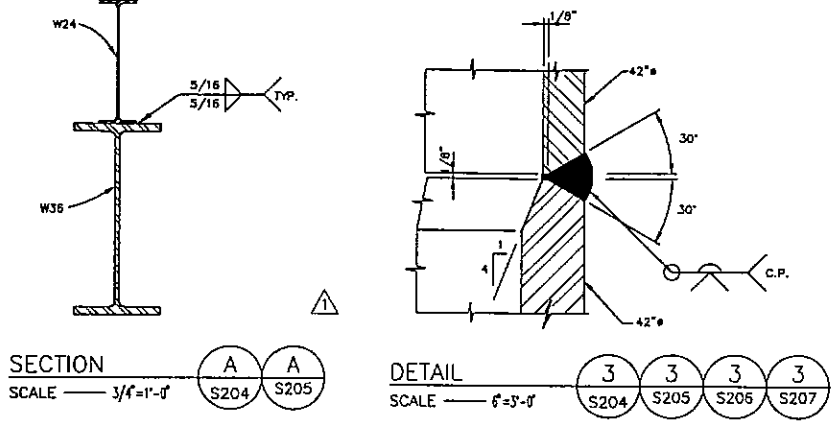
PETRO-MARINE ENGINEERING, INC.
Consultants in Energy
HOUSTON, TEXAS

ENRON
Oil & Gas Company
4-PILE PRODUCTION PLATFORM
EUGENE ISLAND BLOCK 135 "A" 68 FT. W.D.
DECK SECTIONS AND DETAILS
(SHEET 2 OF 6)

SCALE:	NOTED: DATE
DESIGNED BY: PMET	2/18/97
DRAWN BY: KN	01/97
CHECKED BY: J. SHAH	2/18/97
APPROVED BY: G. RUIH	2/18/97
PROJECT NO.: 2208H01	
SHEET NO.: S209	

The seal appearing on this document was authorized by GREGORY LYNN RUM, P.E., Reg. #74219 on February 16, 1997





NOTES:
1. SEE NOTES SHIT. 201.
2. C7 BOOM REST TO BE PAINTED AFTER 9/16" DIA. HOLES ARE DRILLED AND PRIOR TO THE PLACEMENT OF THE OAK TIMBER.

2	KN	REV. DET. 7, B, CRANE BOOM REST, & SECT. F, G	3/21/97	JNS	
1	KN	ADDED SECT. A	2/25/97	JNS	GLR
0	KN	APPROVED FOR CONSTRUCTION	1/18/97	JNS	GLR
NO. BY		REVISION	DATE	CHKD.	APP'D.

PETRO-MARINE ENGINEERING, INC.
HOUSTON, TEXAS

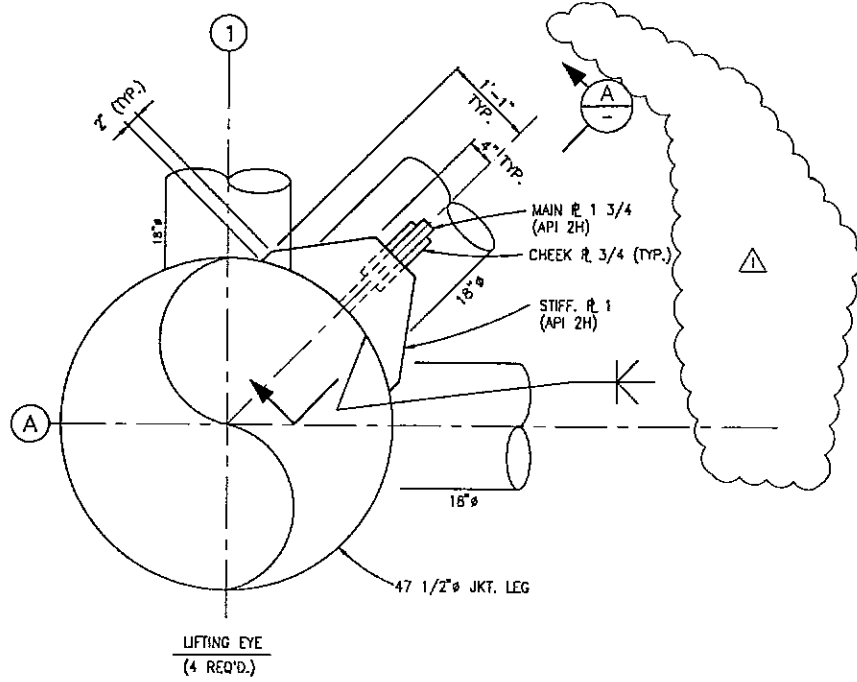
ENRON
Oil & Gas Company

4-PILE PRODUCTION PLATFORM
EUGENE ISLAND BLOCK 135 "A" 68 FT. W.D.
DECK SECTIONS AND DETAILS
(SHEET 3 OF 6)

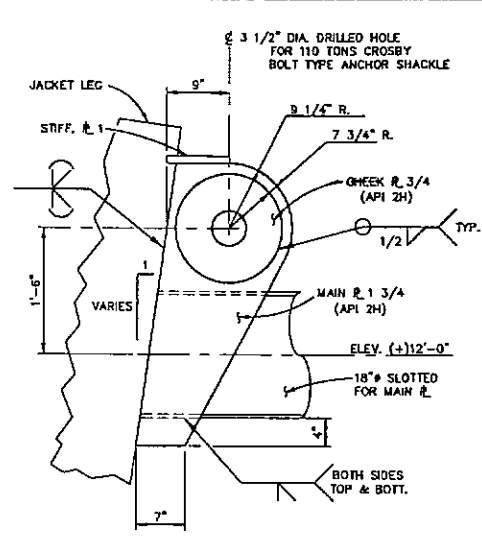
SCALE:	NOTED	DATE
DESIGNED BY:	PMET	2/18/97
DRAWN BY:	KN	12/96
CHECKED BY:	J SHAH	2/18/97
APPROVED BY:	G RUHL	2/18/97
PROJECT NO.	220BH01	REV.
SHEET NO.	S210	

The seal appearing on this document was authorized by GREGORY LYNN RUHL, P.E., Reg. #74319 on February 18, 1997

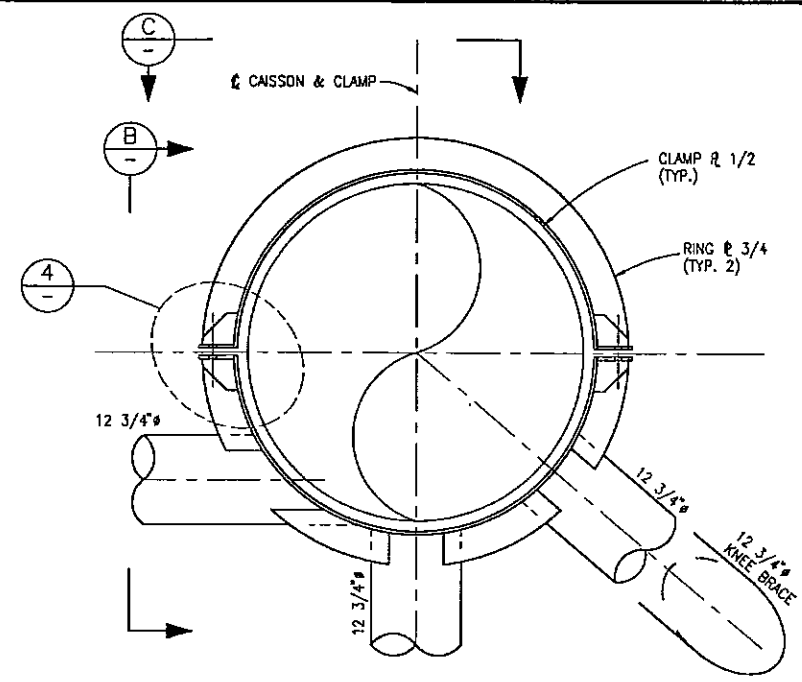




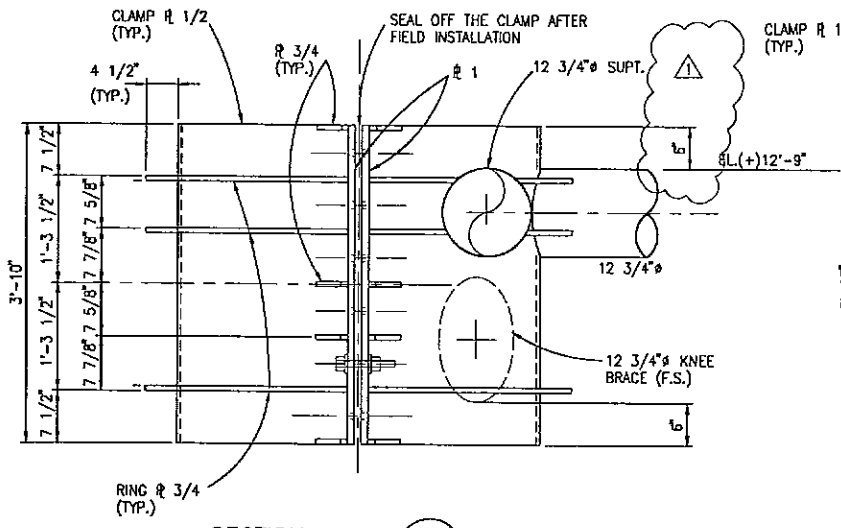
LIFTING EYE
(4 REQ'D.)
DETAIL 1
SCALE 1"=1'-0"
S104



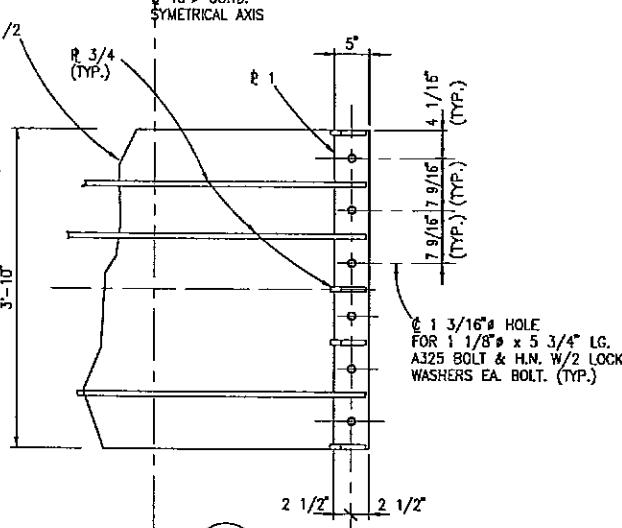
SECTION A
SCALE 1"=1'-0"



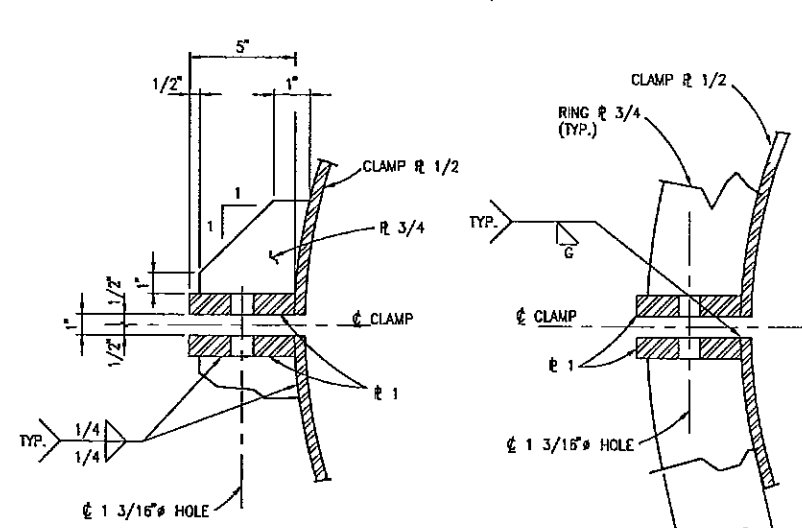
DETAIL 2
SCALE 1"=1'-0"
S104
TYP. FOR SLOTS A, B & C



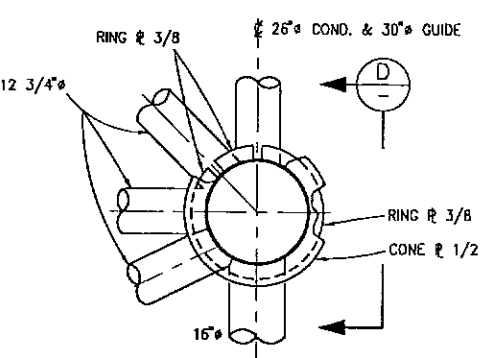
SECTION B
SCALE 1"=1'-0"



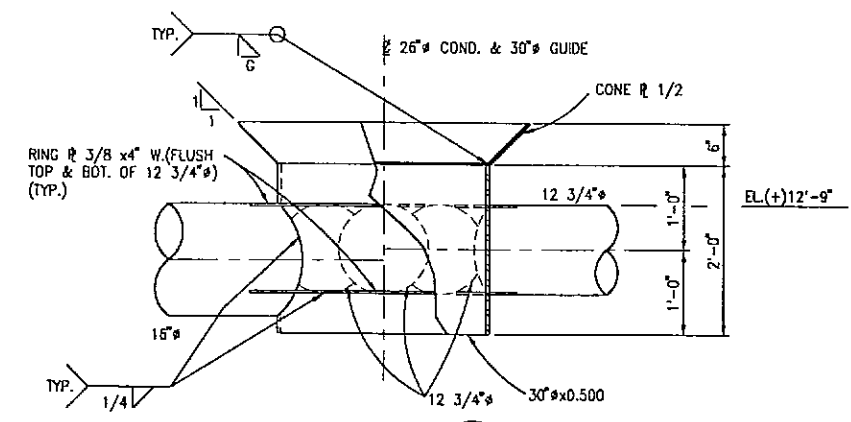
SECTION C
SCALE 1"=1'-0"



DETAIL 4
SCALE 3"=1'-0"




DETAIL 3
SCALE 1/2"=1'-0"
S104
TYP. FOR SLOTS D, E & F



SECTION D
SCALE 1"=1'-0"

- NOTES:
- SEE NOTES SH. 101.
 - INSTALLATION CONTRACTOR TO CHECK LIFTING EYES FOR ADEQUACY CONSIDERING INSTALLATION EQUIPMENT AND TECHNIQUE.
 - INSTALLATION CONTRACTOR SHALL FURNISH FABRICATOR WITH ALL SLINGS AND SHACKLES TWO WEEKS PRIOR TO LOADOUT.
 - FABRICATOR SHALL INSTALL ALL SLINGS AND SHACKLES PRIOR TO LOADOUT.
 - LIFTING EYE MATERIAL API 2H GRADE 50 MAY BE REPLACED BY A633 GRADE D IF NECESSARY.

1	KN	DEL. ANGLE, ADDED DIM.	3/19/97	JNS	
0	KN	ISSUED FOR CONSTRUCTION	2/12/97	JNS	GLR
A	KN	FOR MATERIAL TAKE-OFF	2/5/97	JNS	
NO.	BY	REVISION	DATE	CHK'D.	APP'D.


PETRO-MARINE ENGINEERING, INC.
 Consultants in Energy
 HOUSTON, TEXAS


ENRON
 Oil & Gas Company

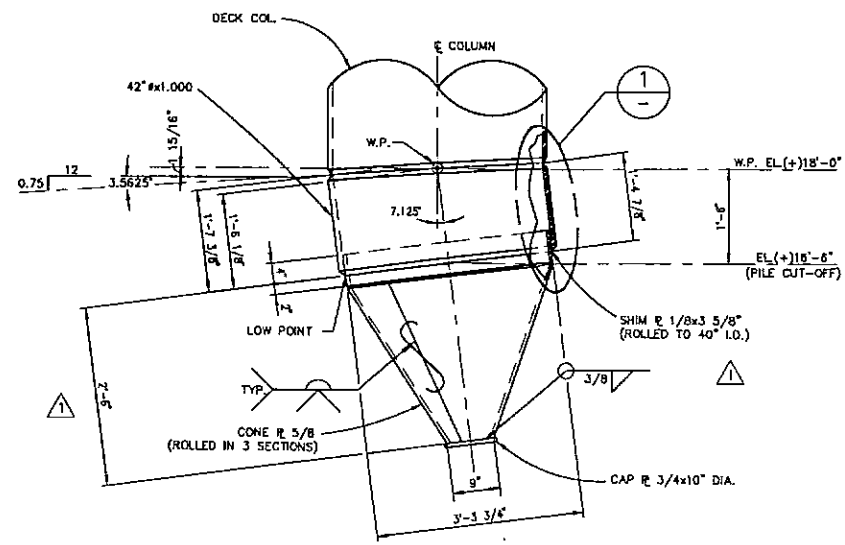
4-PILE PRODUCTION PLATFORM
 EUGENE ISLAND BLOCK 135 "A" 68 FT. W.D.

JACKET LIFTING EYES
 AND CLAMP DETAILS

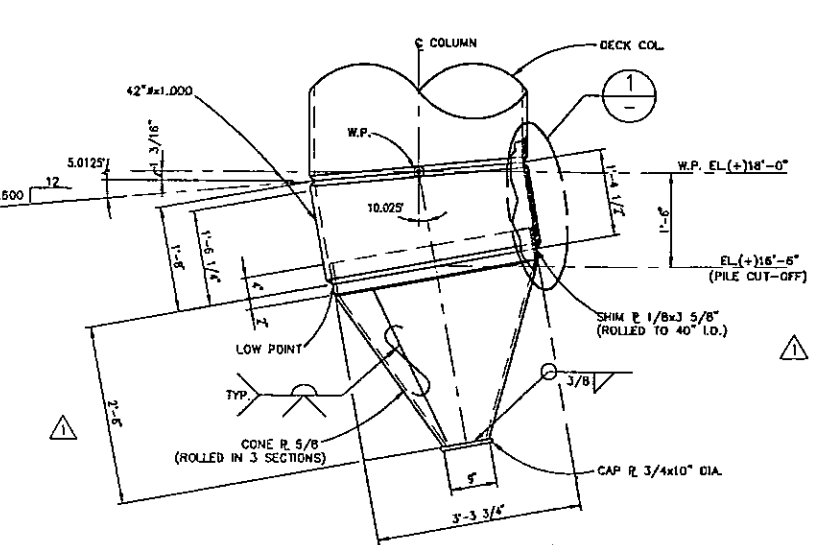
SCALE:	NOTED	DATE
DESIGNED BY:	PMET	2/12/97
DRAWN BY:	KN	12/96
CHECKED BY:	J. SHAH	2/12/97
APPROVED BY:	G. RUHL	2/12/97
PROJECT NO.	2208H01	REV.
SHEET NO.	S112	

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 this document was
 authorized by
 GREGORY LYNN RINK, P.E. Reg. #74319
 on February 12, 1997

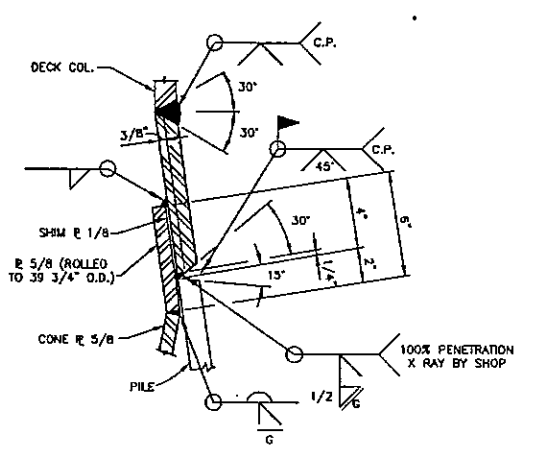




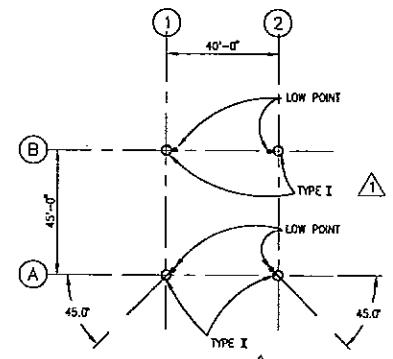
(REFERENCE SHT. 205)
STABBING GUIDE TYPE "I"
 SCALE $\frac{3}{4}'' = 1'-0''$



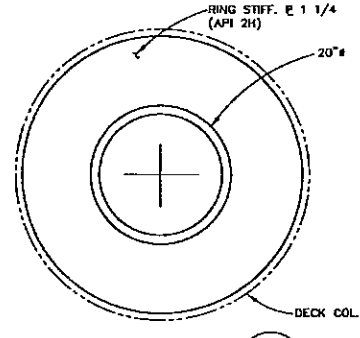
(REFERENCE SHT. 204)
STABBING GUIDE TYPE "II"
 SCALE $\frac{3}{4}'' = 1'-0''$



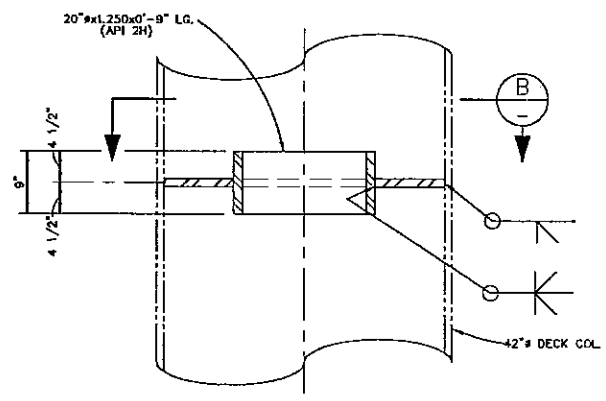
DETAIL 1
 SCALE $\frac{1}{2}'' = 1'-0''$



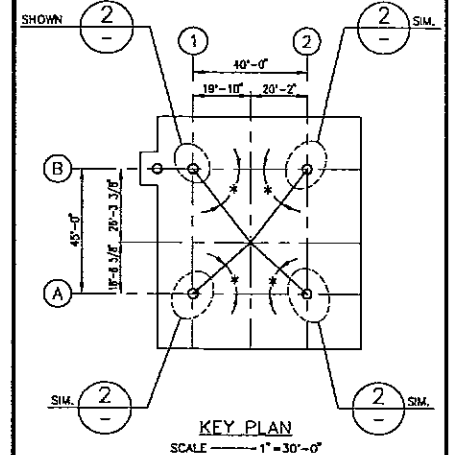
STABBING GUIDE KEY PLAN
 SCALE $1'' = 30'-0''$



SECTION B
 SCALE $1'' = 1'-0''$



DETAIL 4
 SCALE $1'' = 1'-0''$



KEY PLAN
 SCALE $1'' = 30'-0''$

NOTES:
 1. SEE NOTES SHT. 201.
 2. DECK LIFTING CONDITIONS:
 THE FOLLOWING ITEMS WILL BE IN PLACE DURING LIFT OF THE DECK:
 -HELIDECK
 -CRANE PEDESTAL W/CRANE (18.6 S.TONS)
 -EQUIPMENT (277.0 S.TONS)
 TOTAL ESTIMATED DECK LIFT WEIGHT = 722.0 S.TONS

DECK LIFT DESIGN DATA

DECK COLUMN	STATIC SLING LOAD (TONS)	MIN. SLING LENGTH (FT.)	PADEYE ANGLE # (SEE KEY PLAN) DEG.
A-1	273.76	61'-5 1/4"	43.34°
A-2	242.67	61'-4"	42.87°
B-1	176.10	64'-1 3/4"	52.96°
B-2	179.40	64'-0 1/2"	52.50°

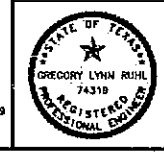
NO.	BY	REVISION	DATE	CHK'D.	APPR'D.
2	KN	ADDED DET. 3 & SECT. J	5/30/97	JNS	
1	KN	ADDED DIM. REV. DIM.	3/21/97	JNS	GLR
0	KN	APPROVED FOR CONSTRUCTION	2/25/97	JNS	GLR

PETRO-MARINE ENGINEERING, INC.
 HOUSTON, TEXAS

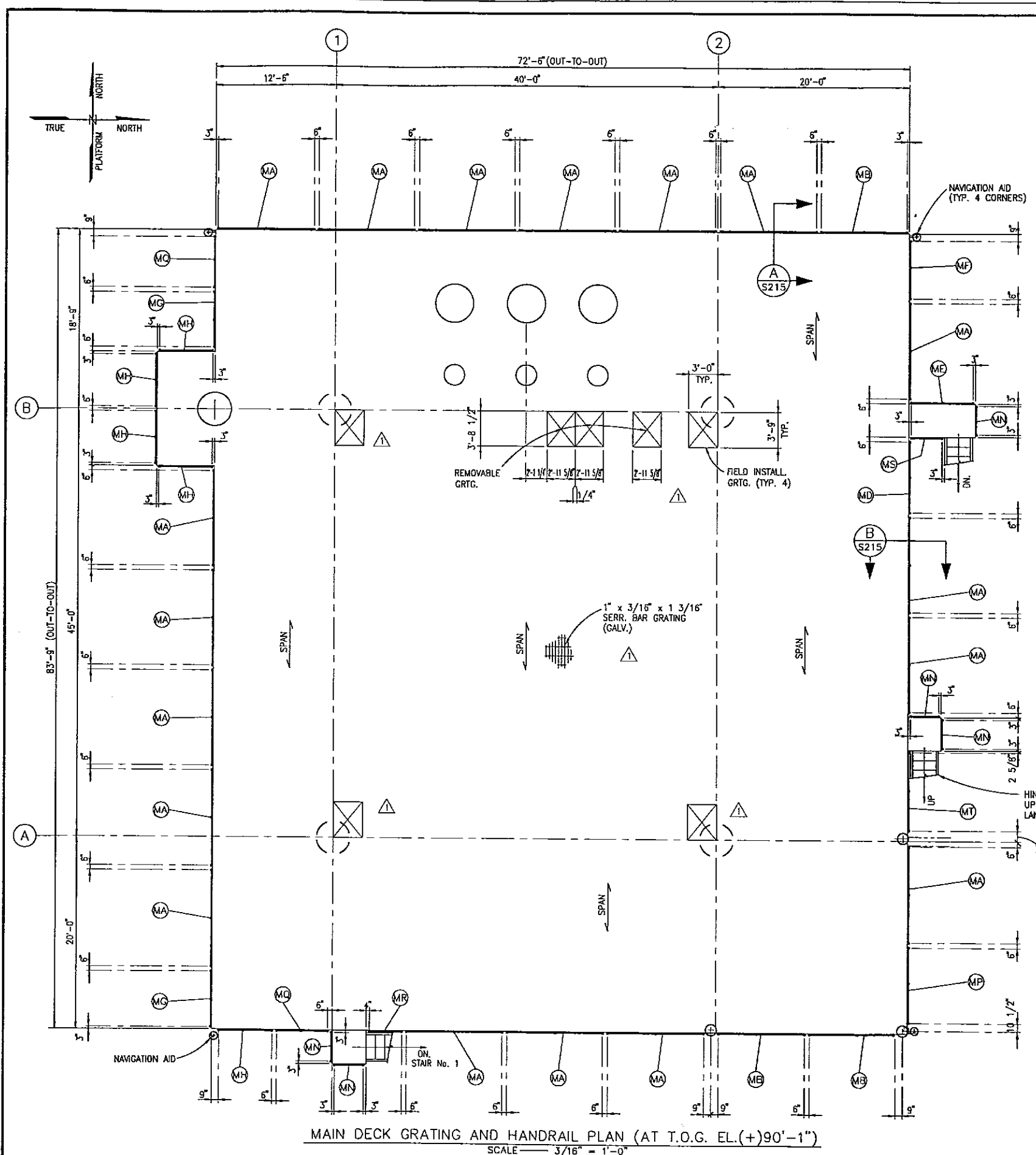
ENRON
 Oil & Gas Company

4-PILE PRODUCTION PLATFORM
 EUGENE ISLAND BLOCK 135 "A" 68 FT. W.D.
DECK SECTIONS AND DETAILS
 (SHEET 6 OF 6)

SCALE:	NOTED:	DATE:
DESIGNED BY:	PMET	2/25/97
DRAWN BY:	KN	12/96
CHECKED BY:	J. SHAH	2/25/97
APPROVED BY:	G. RUHL	2/25/97
PROJECT NO.	2208H01	REV. 1
SHEET NO.	S213	

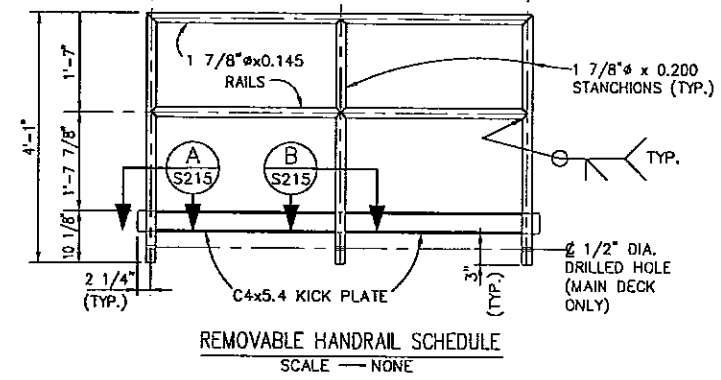


The seal appearing on this document was authorized by GREGORY LYNN RUHL, P.E. Reg. #74319 on February 25, 1997

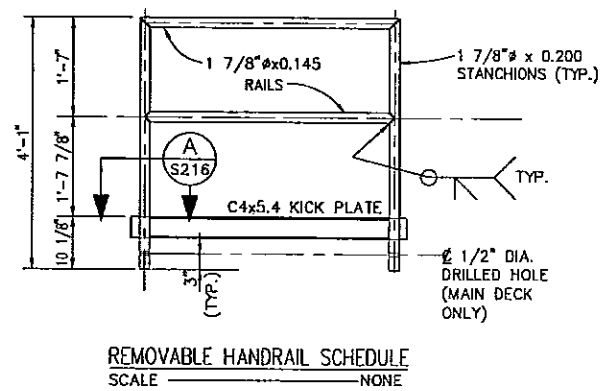


MAIN DECK GRATING AND HANDRAIL PLAN (AT T.O.G. EL. (+) 90'-1")
SCALE 3/16" = 1'-0"

CR	8'-3"	1 REQ'D.
MT	8'-2"	1 REQ'D.
MG	5'-3"	2 REQ'D.
MF	7'-10"	1 REQ'D.
CB	8'-6"	2 REQ'D.
CC	7'-9"	1 REQ'D.
CK	8'-8"	2 REQ'D.
ML	5'-1"	1 REQ'D.
MC	5'-6"	5 REQ'D.
ME	5'-9"	2 REQ'D.
CF	6'-0"	3 REQ'D.
CE	6'-5"	2 REQ'D.
MD	7'-5"	1 REQ'D.
SC	8'-0"	2 REQ'D.
ME	9'-0"	3 REQ'D.
CA	10'-0"	40 REQ'D.



CT	1'-10"	2 REQ'D.
MS	3'-3"	1 REQ'D.
SP	4'-7"	1 REQ'D.
CG	4'-6"	1 REQ'D.
MR	3'-5"	1 REQ'D.
SN	3'-0"	9 REQ'D.
CN	3'-0"	9 REQ'D.
SM	3'-5"	3 REQ'D.
CM	3'-5"	3 REQ'D.



NOTES:
1. FOR NOTES SEE SHT. 201.

2	KN REV. HR. SCHEDULE	5/30/97	JNS	
1	KN ADDED NOTE & GRG. HATCHES	3/21/97	JNS	GLR
0	KN APPROVED FOR CONSTRUCTION	2/25/97	JNS	GLR
NO. BY	REVISION	DATE	CHK'D.	APP'D.

PETRO-MARINE ENGINEERING, INC.
Consultants in Energy
HOUSTON, TEXAS

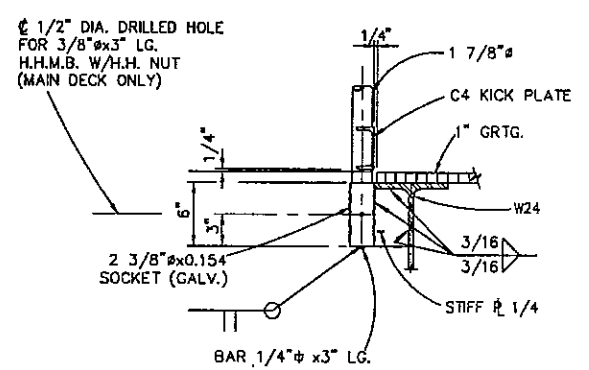
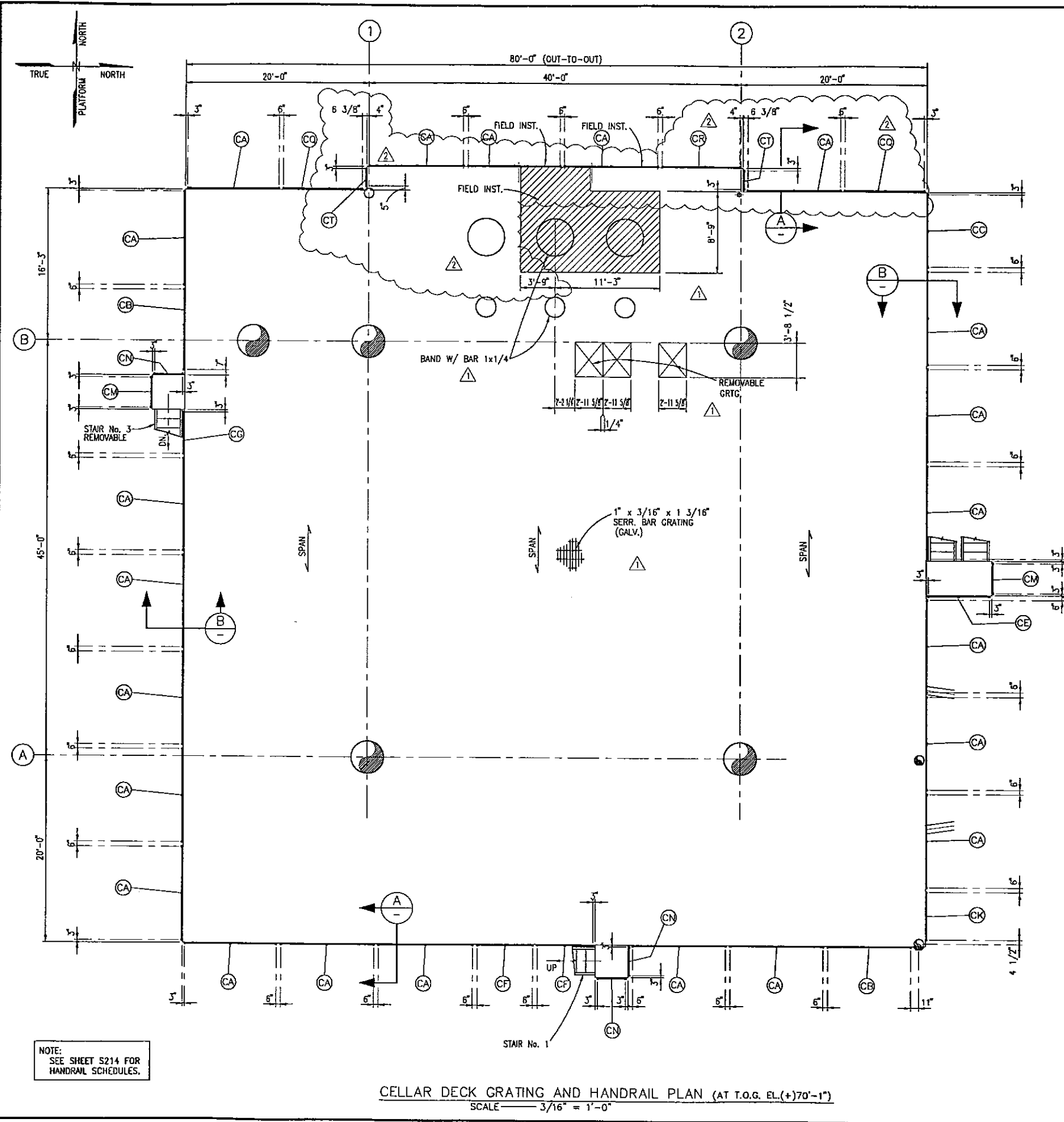
ENRON
Oil & Gas Company

4-PILE PROTECTION PLATFORM
EUGENE ISLAND BLOCK 135 "A" 68 FT. W.D.
MAIN DECK GRATING AND
HANDRAIL PLAN

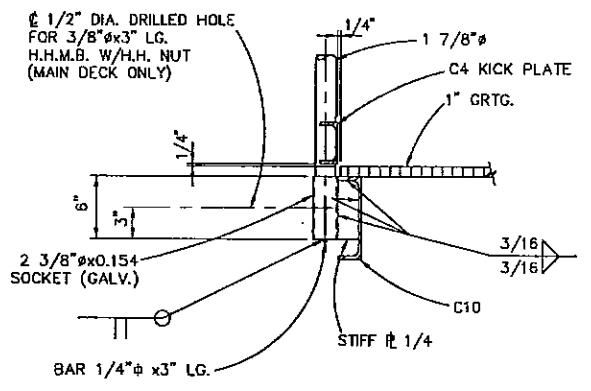
SCALE:	NOTED	DATE
DESIGNED BY:	PMET	2/25/97
DRAWN BY:	KN	01/97
CHECKED BY:	J. SHAH	2/25/97
APPROVED BY:	G. RUHL	2/25/97
PROJECT NO.:	2208H01	REV.
SHEET NO.:	S214	△

The seal appearing on this document was authorized by GREGORY LYNN RUHL, P.E. Reg. #74318 on February 25, 1997

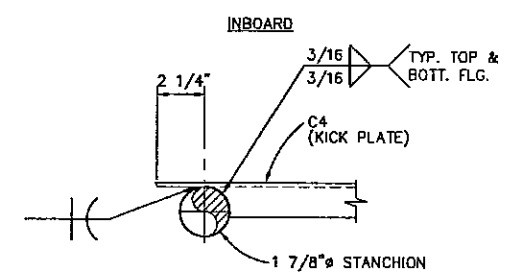




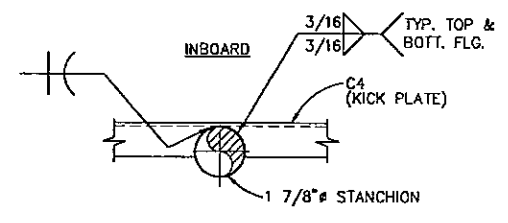
SECTION A-A
SCALE 1 1/2" = 1'-0"



SECTION B-B
SCALE 1 1/2" = 1'-0"



SECTION A
SCALE 3" = 1'-0"



SECTION B
SCALE 3" = 1'-0"

NOTES:
1. SEE NOTES SHEET 201.

NO.	BY	REVISION	DATE	CHK'D.	APP'VD.
2	KN	ADDED WALKWAY, REV. HR.	5/30/97	JNS	
1	KN	ADDED FIELD INST. GRG.	3/21/97	JNS	GLR
0	KN	APPROVED FOR CONSTRUCTION	2/25/97	JNS	GLR

PETRO-MARINE ENGINEERING, INC.
Consultants in Energy
HOUSTON, TEXAS

ENRON
Oil & Gas Company

4-PILE PRODUCTION PLATFORM
EUGENE ISLAND BLOCK 135 "A" 68 FT. W.D.

CELLAR DECK GRATING
AND HANDRAIL PLAN

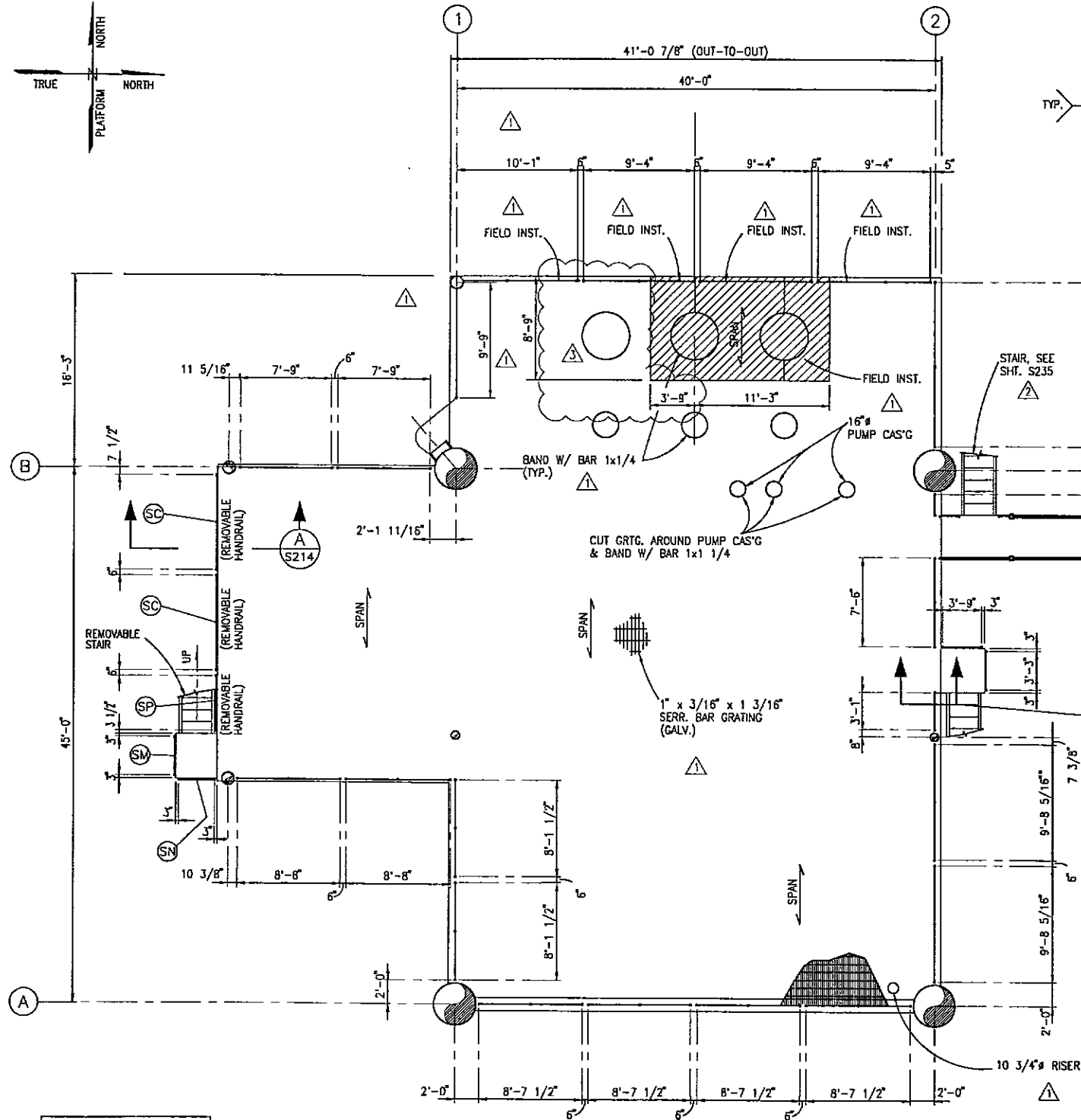
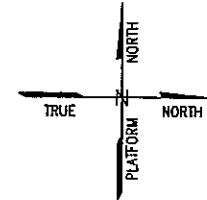
SCALE:	NOTED:	DATE
DESIGNED BY:	PWET	2/25/97
DRAWN BY:	KN	01/97
CHECKED BY:	J. SHAH	2/25/97
APPROVED BY:	G. RUHL	2/25/97
PROJECT NO.	2208H01	REV.
SHEET NO.	S215	Δ



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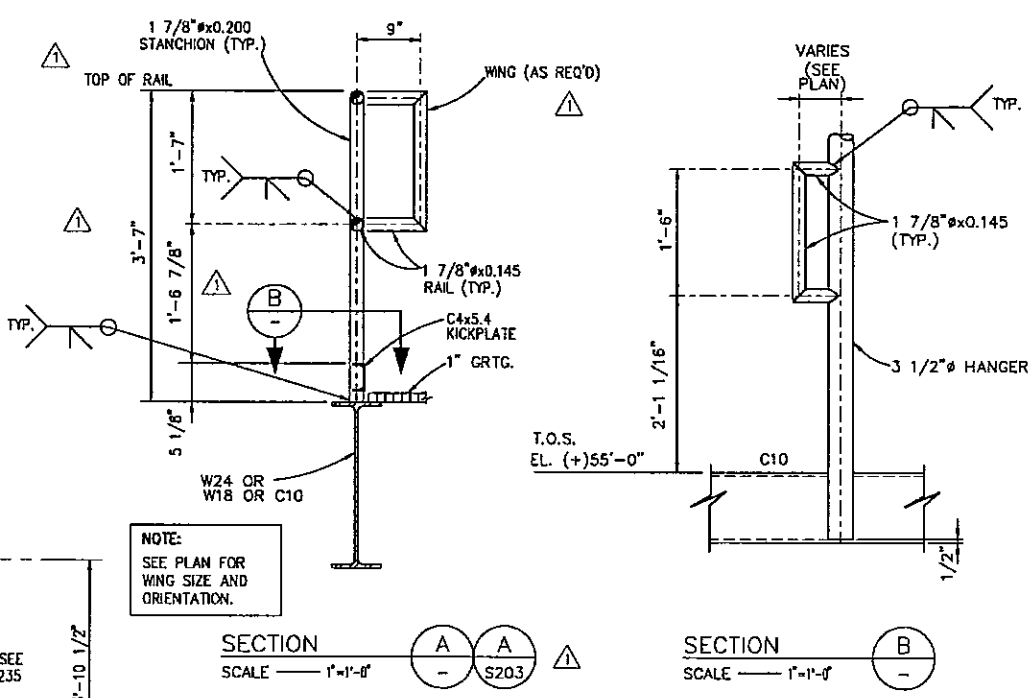
NOTE:
SEE SHEET S214 FOR HANDRAIL SCHEDULES.

CELLAR DECK GRATING AND HANDRAIL PLAN (AT T.O.G. EL. (+)70'-1")
SCALE 3/16" = 1'-0"

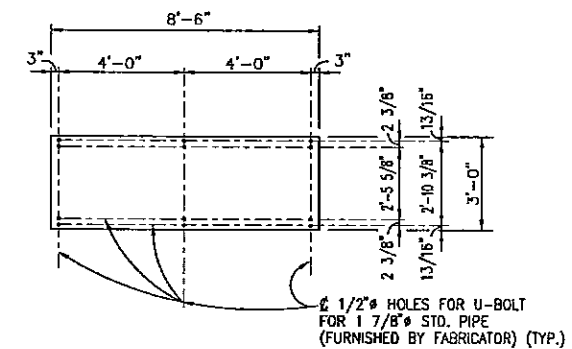


T.O.G. ELEVATION (+)55'-1"
SUB-CELLAR DECK GRATING AND HANDRAIL PLAN
 SCALE ——— 3/16" = 1'-0"

NOTES:
 1. SEE SHEET S214 FOR HANDRAIL SCHEDULES.
 2. ALL HR. ARE FIXED U.O.N.



NOTE:
 SEE PLAN FOR WING SIZE AND ORIENTATION.



2 REQ'D. (SEE NOTE 2)
PLATFORM IDENTIFICATION SIGN
 SCALE ——— 3/8" = 1'-0"

NOTES:
 1. SEE NOTES SHT. 201.
 2. PLATFORM IDENTIFICATION SIGNS TO BE FURNISHED BY ENRON OIL & GAS COMPANY AND INSTALLED BY FABRICATOR ON MAIN DECK HANDRAILS.

3	KN	REV. FIELD INST. CRTG.	5/30/97	JNS	
2	KN	ADDED STAIR	4/24/97	JNS	GLR
1	KN	ADDED FIELD INST. CRTG. & REV. SECT. A	3/21/97	JNS	GLR
0	KN	APPROVED FOR CONSTRUCTION	2/25/97	JNS	GLR
NO.	BY	REVISION	DATE	CHK'D	APP'VD.

PETRO-MARINE ENGINEERING, INC.
 Consultants in Energy
 HOUSTON, TEXAS

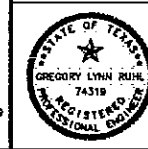
ENRON
 Oil & Gas Company

4-FILE PRODUCTION PLATFORM
 EUGENE ISLAND BLOC 135 "A" 68 FT. W.D.

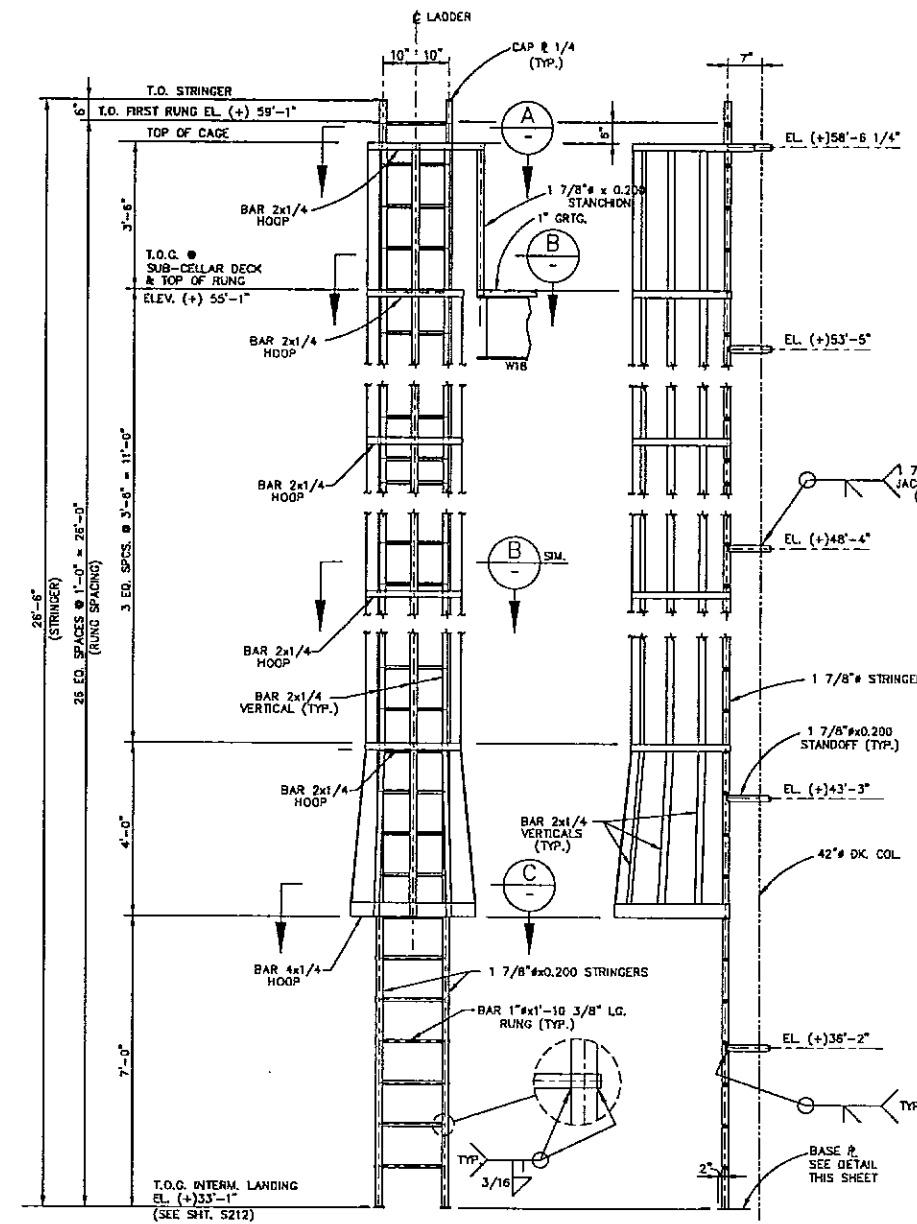
SUB-CELLAR DECK GRATING AND HANDRAIL PLAN

SCALE:	NOTED	DATE
DESIGNED BY:	PMET	2/25/97
DRAWN BY:	KN	01/97
CHECKED BY:	J. SHAH	2/25/97
APPROVED BY:	G. RUHL	2/25/97
PROJECT NO.	2208H01	REV.
SHEET NO.	S216	△

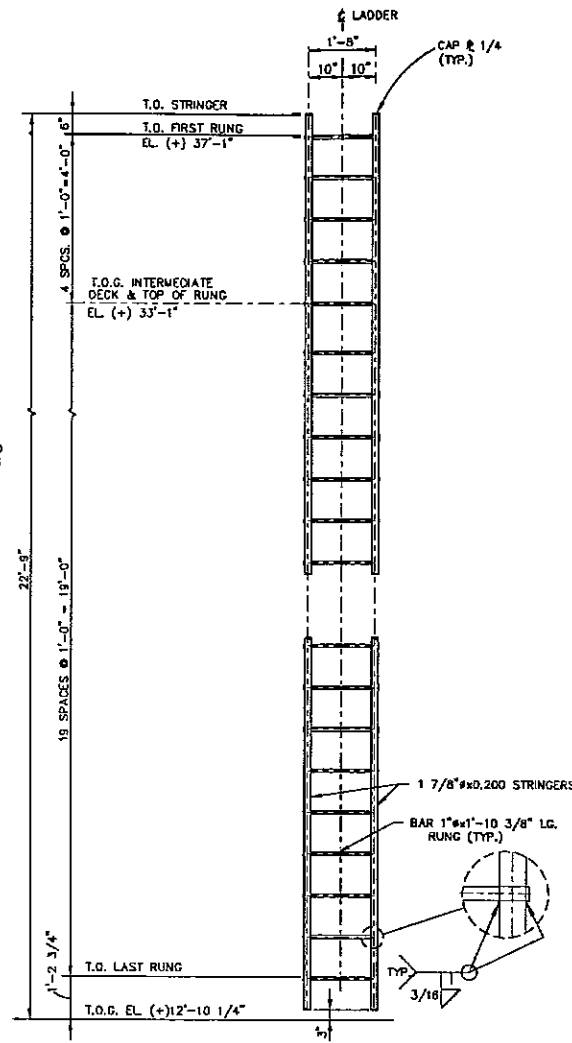
The seal appearing on this document was authorized by GREGORY LYNN RUHL, P.E. Reg. #74319 in February 25, 1997



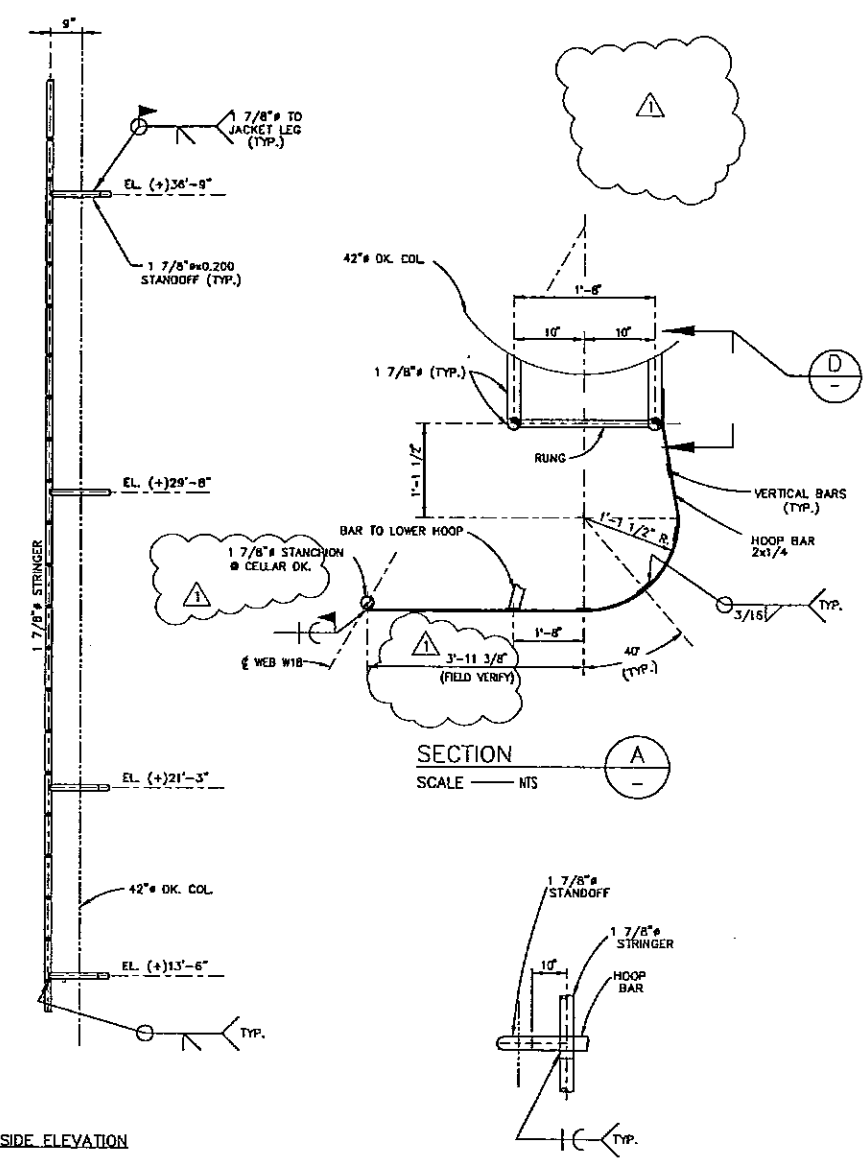
- NOTES:
1. FOR GENERAL NOTES SEE SHEET 201.
 2. CAGED LADDER TO BE COATED WITH THE SAME SYSTEM USED ON THE REST OF THE DECK.
 3. LADDER TO THE TOP OF JACKET TO BE HOT DIPPED GALVANIZED, ACID WASHED AND COATED WITH 3 MILS EPOXY PRIMER AND 2 MILS POLYURETHANE. LADDER TO BE TEST FITTED FOR FIELD INSTALLATION.



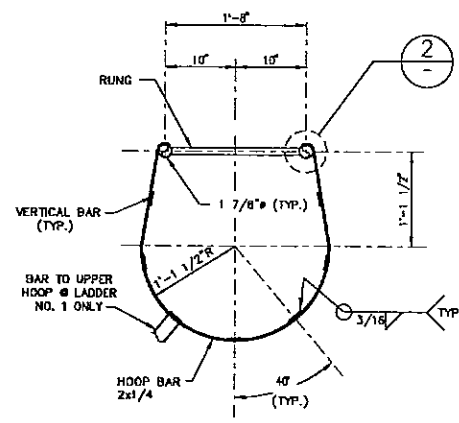
FRONT ELEVATION SIDE ELEVATION
CAGED LADDER NO. 1
 SCALE $\frac{1}{2}'' = 1'-0''$



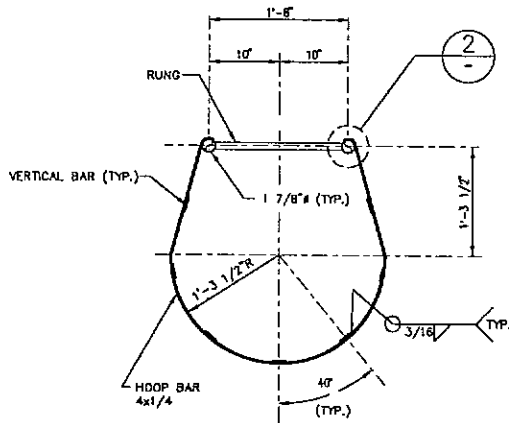
FRONT ELEVATION
LADDER NO. 2
 SCALE $\frac{1}{2}'' = 1'-0''$



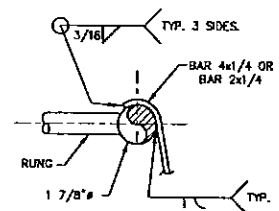
SIDE ELEVATION
 SECTION A
 SCALE NTS
 SECTION D
 SCALE NTS



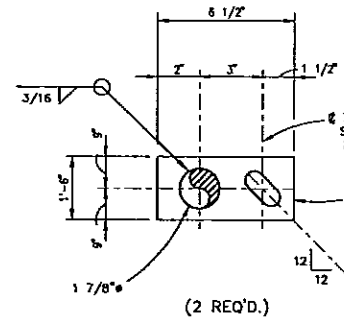
SECTION B
 SCALE $1'' = 1'-0''$



SECTION C
 SCALE $1'' = 1'-0''$



DETAIL 2
 SCALE $3'' = 1'-0''$



BASE PLATE DETAIL
 SCALE $\frac{1}{2}'' = 1'-0''$

1	KN	DEL. ORIENT., CHG. DIM.	3/21/97	JNS	
0	KN	APPROVED FOR CONSTRUCTION	2/25/97	JNS	GLR
NO.	BY	REVISION	DATE	CHK'D.	APP'VD.

PETRO-MARINE ENGINEERING, INC.
 Consultants in Energy
 HOUSTON, TEXAS

ENRON
 Oil & Gas Company

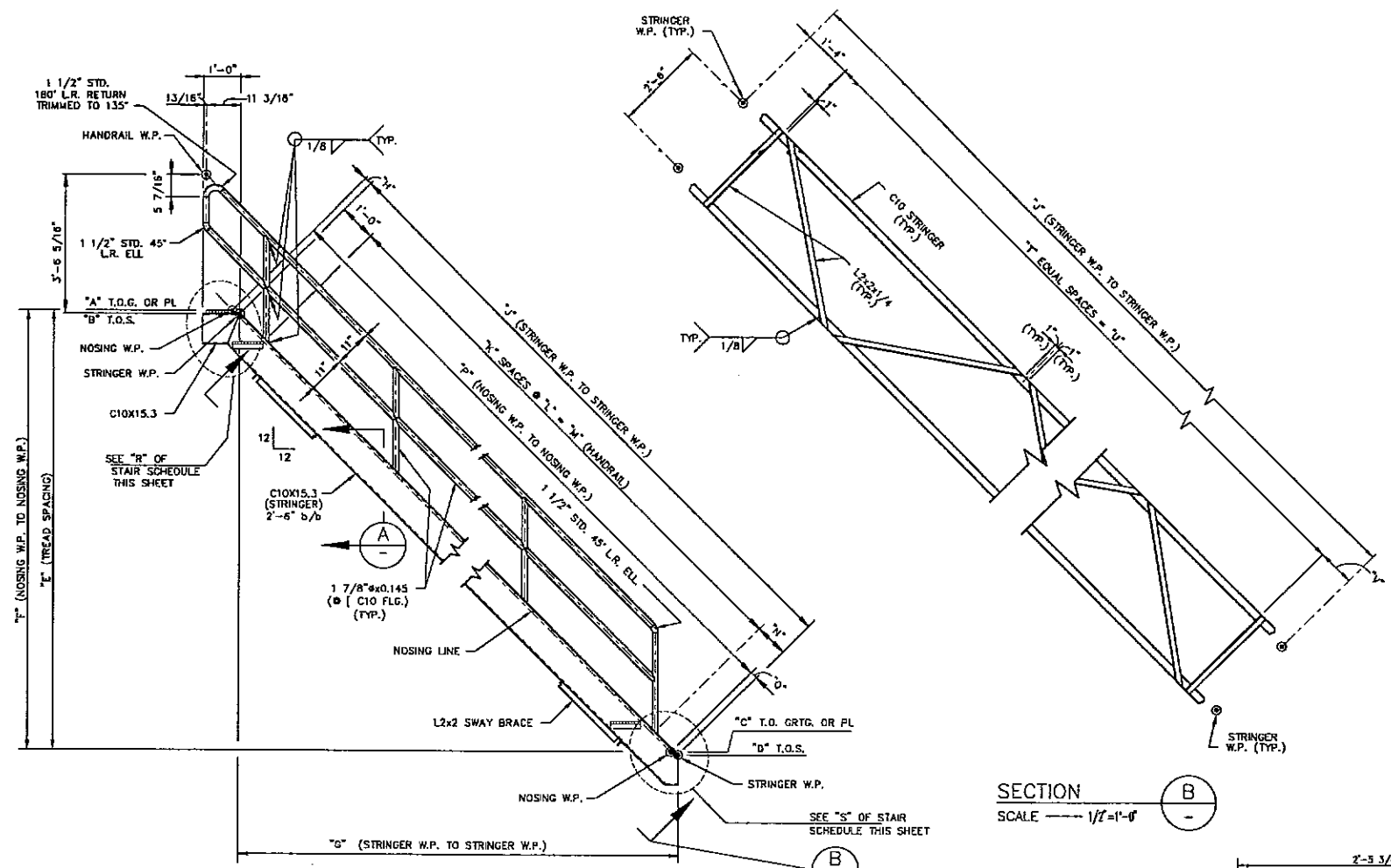
4-PILE PRODUCTION PLATFORM
 EUGENE ISLAND BLOCK 135 "A" 68 FT. W.D.

CAGED LADDER AND DETAILS

SCALE:	NOTED	DATE
DESIGNED BY:	PMET	2/25/97
DRAWN BY:	KN	01/97
CHECKED BY:	J. SHAH	2/25/97
APPROVED BY:	G. RUHL	2/25/97
PROJECT NO.:	2208H01	REV.
SHEET NO.:	S217	



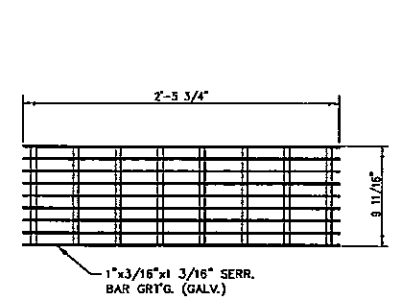
The seal appearing on this document was authorized by GREGORY LYNN RULH, P.E. Reg. #74318 on February 25, 1997



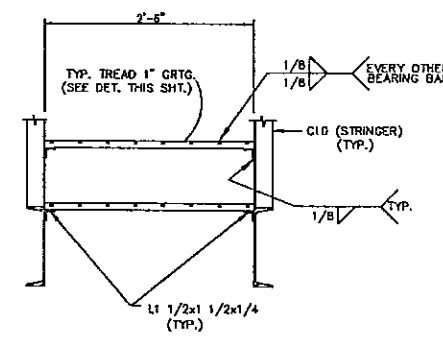
TYPICAL STAIR ELEVATION
 SCALE — 1/2" = 1'-0"
 FOR STAIRS No. 1, 2, 4 & 5
 (SEE STAIR SCHEDULE THIS SHEET FOR DIMENSIONS)

STAIR SCHEDULE			
DIM.	STAIR NO. 1 & 2	STAIR NO. 4	STAIR NO. 5
A	EL. (+) 90'-1"	EL. (+) 70'-1"	EL. (+) 55'-1"
B	EL. (+) 90'-0"	EL. (+) 70'-0"	EL. (+) 55'-0"
C	EL. (+) 70'-1"	EL. (+) 55'-1"	EL. (+) 38'-7"
D	EL. (+) 70'-0"	EL. (+) 55'-0"	EL. (+) 38'-6"
E	29 EQ. SPCS.	22 EQ. SPCS.	24 EQ. SPCS.
F	20'-0"	15'-0"	16'-6"
G	20'-0"	15'-0"	16'-6"
H	2 7/16"	2 7/16"	2 7/16"
J	28'-3 7/16"	21'-2 9/16"	23'-4"
K	5 SPACES	4 SPACES	4 SPACES
L	5'-4 1/2" EACH	5'-0" EACH	5'-6" EACH
M	25'-10 1/2"	20'-0"	22'-0"
N	4 15/16"	2 9/16"	4"
P	28'-3 7/16"	21'-2 9/16"	23'-4"
Q	2 7/16"	2 7/16"	2 7/16"
R	SEE DETAIL "1"		
S	SEE DET. "2"		
T	6 SPACES	4 SPACES	5 SPACES
U	25'-6"	18'-6"	20'-10"
V	1'-5 7/16"	1'-4 9/16"	1'-2"

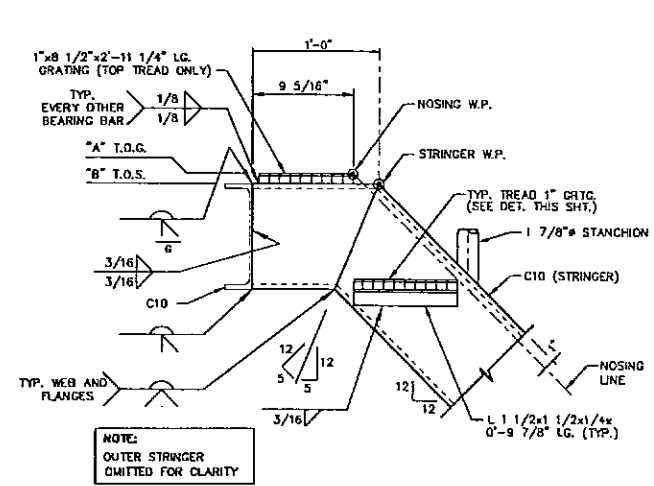
NOTES:
 1. SEE NOTES ON SHT. S201.
 2. ALL TREADS TO BE FROM 1 1/4"x3/16"x1 3/16" SERR. BAR GRATING (GALV.)



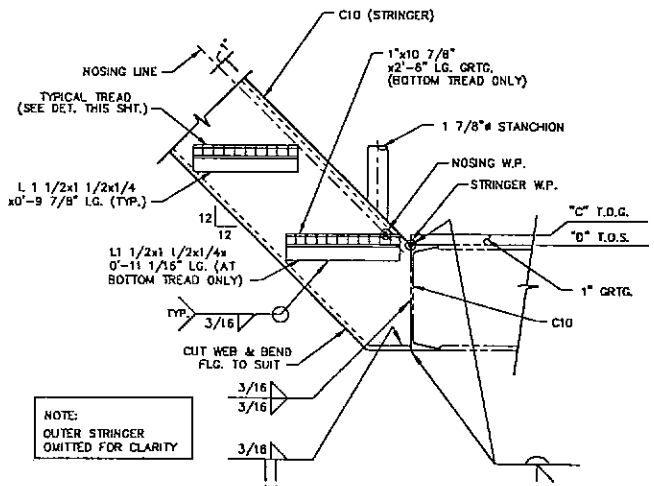
TYPICAL TREAD DETAIL
 SCALE — 1 1/2" = 1'-0"



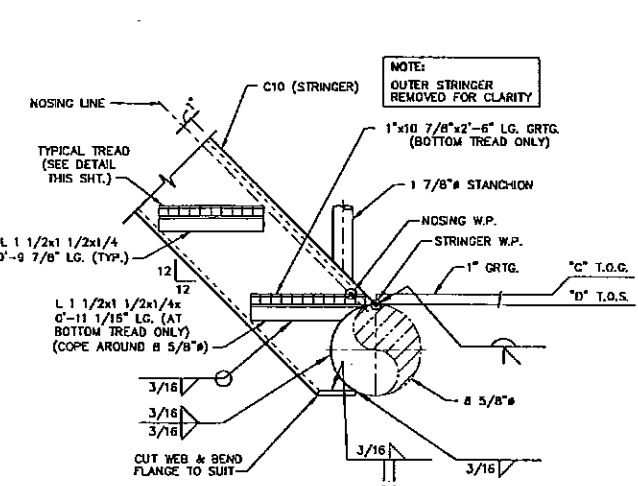
SECTION A
 SCALE — 1" = 1'-0"



DETAIL 1
 SCALE — 1 1/2" = 1'-0"



DETAIL 2
 SCALE — 1 1/2" = 1'-0"



DETAIL 3
 SCALE — 1 1/2" = 1'-0"

NO.	BY	REVISION	DATE	CHK'D.	APP'D.
0	KN	APPROVED FOR CONSTRUCTION	2/25/97	JNS	CLR

PMETRO-MARINE ENGINEERING, INC.
 Consultants in Energy
 HOUSTON, TEXAS

ENRON
 Oil & Gas Company

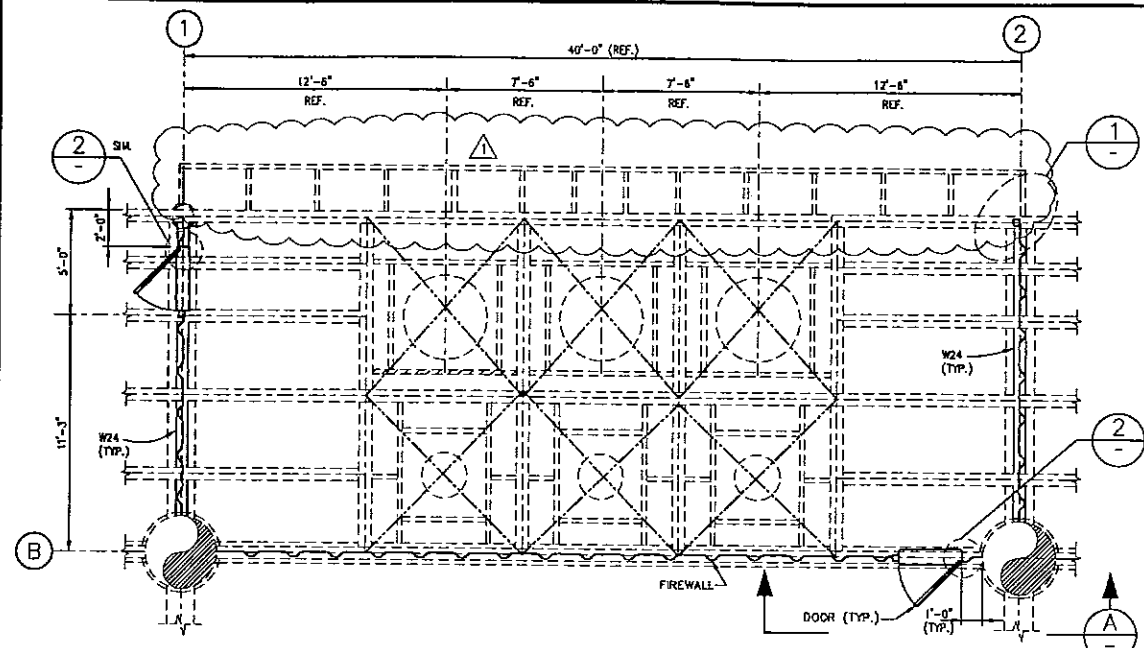
4-PILE PRODUCTION PLATFORM
 EUGENE ISLAND BLOCK 135 "A" 68 FT. W.D.

FIXED STAIRS
 SECTIONS AND DETAILS

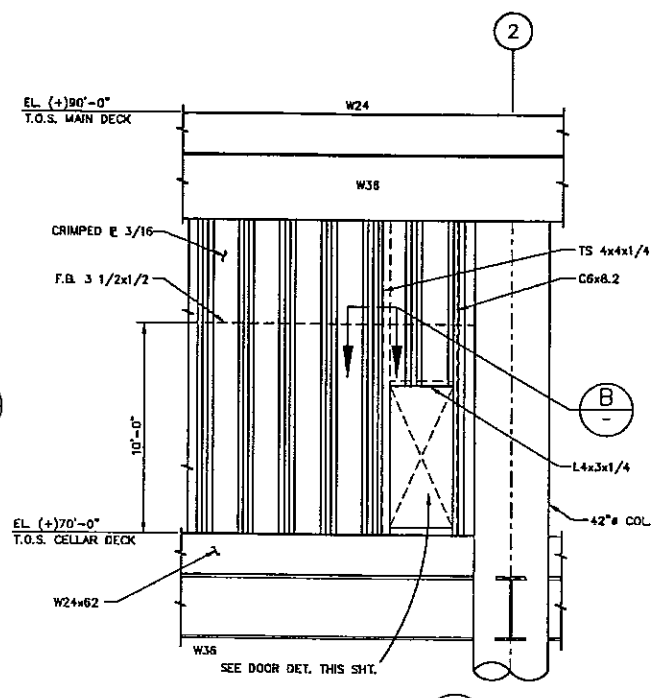
SCALE:	NOTED	DATE
DESIGNED BY:	PMET	2/25/97
DRAWN BY:	KN	12/96
CHECKED BY:	J. SHAH	2/25/97
APPROVED BY:	G. RUHL	2/25/97
PROJECT NO.	2208H01	REV.
SHEET NO.	S218	Δ

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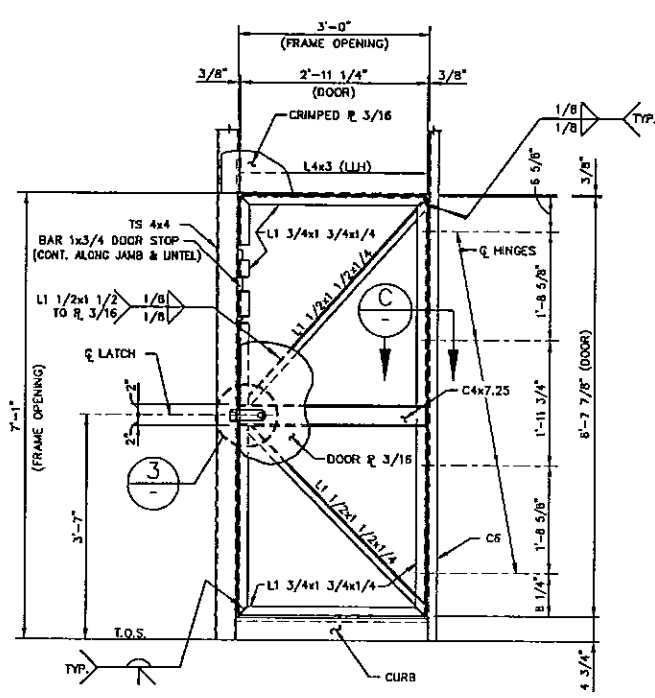




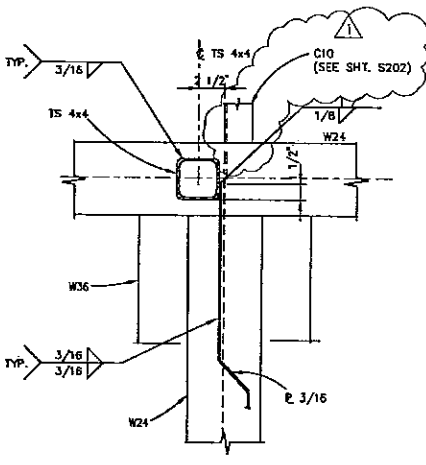
FIREWALL PLAN (AT CELLAR DECK)
SCALE — 1/4" = 1'-0"



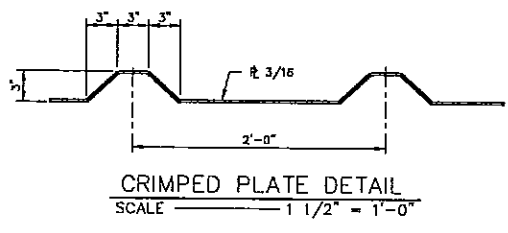
SECTION A
SCALE — 1/4" = 1'-0"



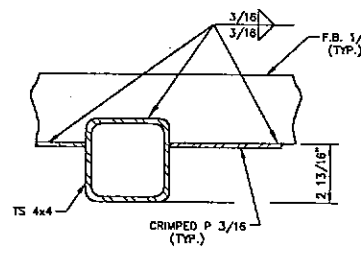
DOOR DETAIL
SCALE — 3/4" = 1'-0"



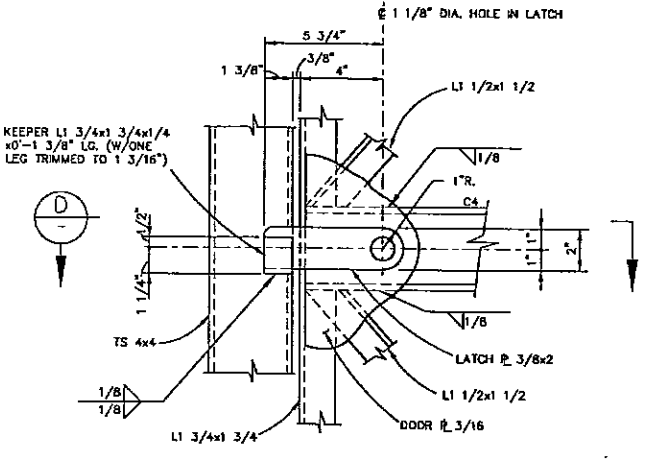
DETAIL 1
SCALE — 1/2" = 1'-0"



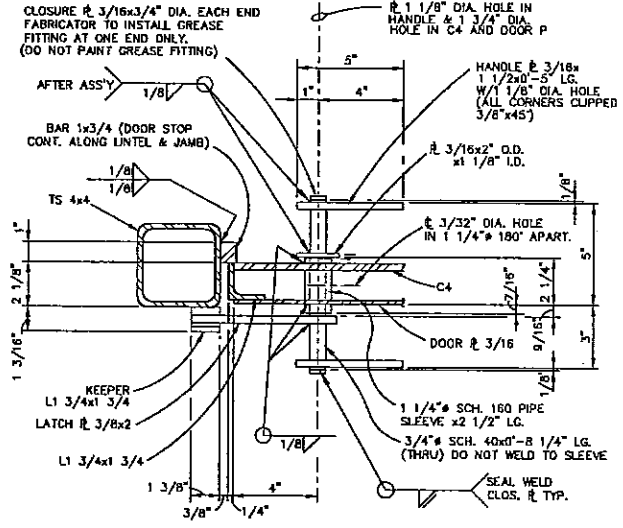
SECTION B
SCALE — 1 1/2" = 1'-0"



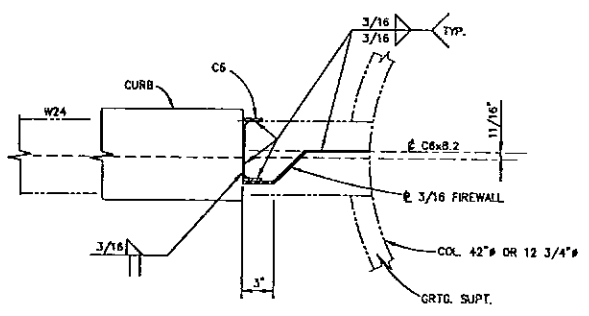
SECTION C
SCALE — 3" = 1'-0"



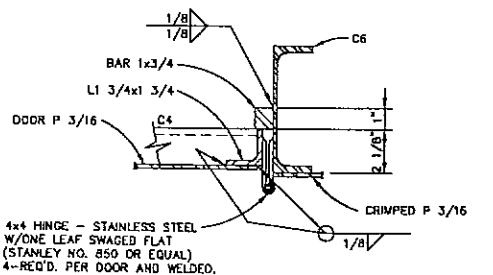
DETAIL 3
SCALE — 3" = 1'-0"



SECTION D
SCALE — 3" = 1'-0"



DETAIL 2
SCALE — 1 1/2" = 1'-0"



SECTION C
SCALE — 3" = 1'-0"

NOTES:
1. FOR GENERAL NOTES SEE SHEET 201.

NO.	BY	REVISION	DATE	CHKD.	APP'VD.
1	KN	ADDED WALKWAY	5/30/97	JWS	
0	KN	APPROVED FOR CONSTRUCTION	2/25/97	JWS	GLR

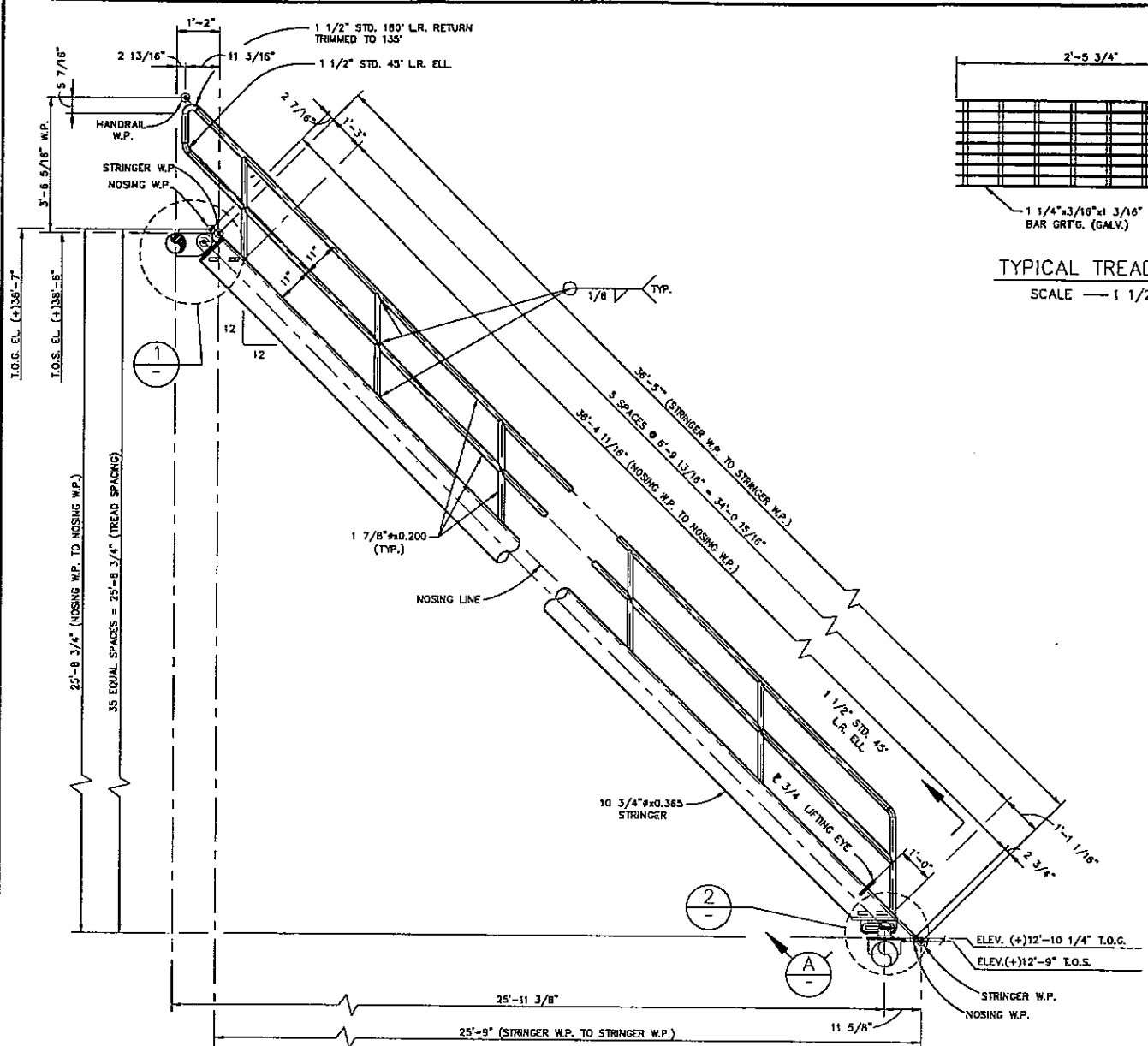
PETRO-MARINE ENGINEERING, INC.
Consultants in Energy
HOUSTON, TEXAS

ENRON
Oil & Gas Company
4-PILE PRODUCTION PLATFORM
EUGENE ISLAND BLOCK 135 "A" 68 FT. W.D.
FIREWALL AND DETAILS

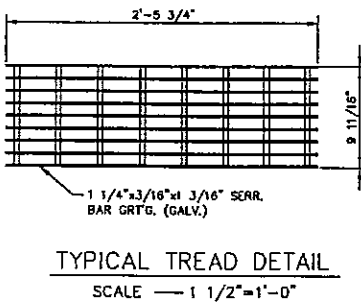
SCALE:	NOTED	DATE
DESIGNED BY:	PMET	2/25/97
DRAWN BY:	KN	2/97
CHECKED BY:	J. SHAH	2/25/97
APPROVED BY:	G. RUHL	2/25/97
PROJECT NO.	220BH01	REV.
SHEET NO.	S219	

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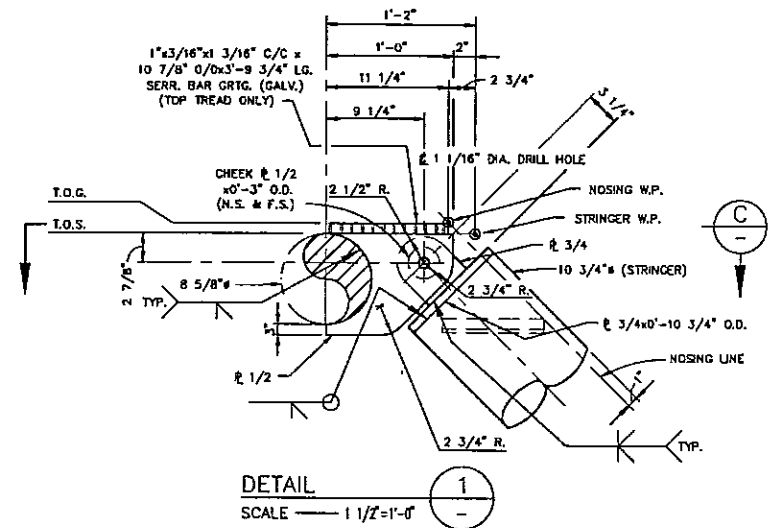




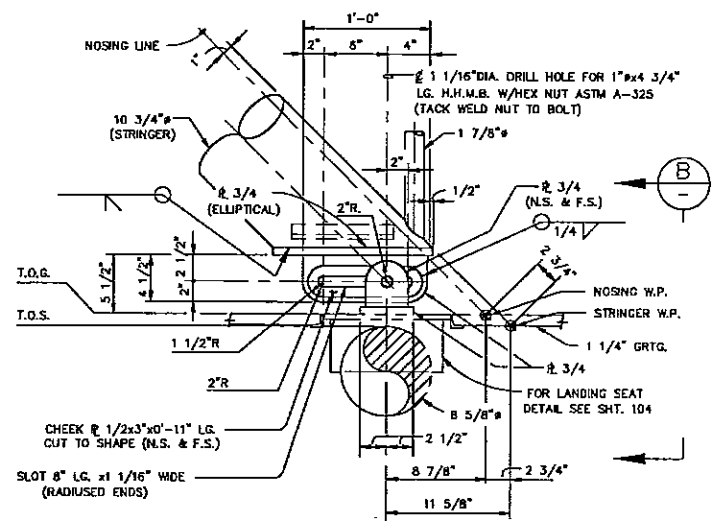
HINGED STAIR No. 6 - ELEVATION
SCALE 1/2" = 1'-0"



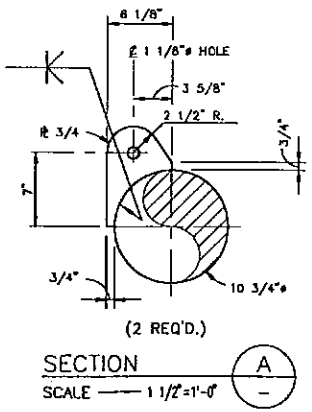
TYPICAL TREAD DETAIL
SCALE 1/2" = 1'-0"



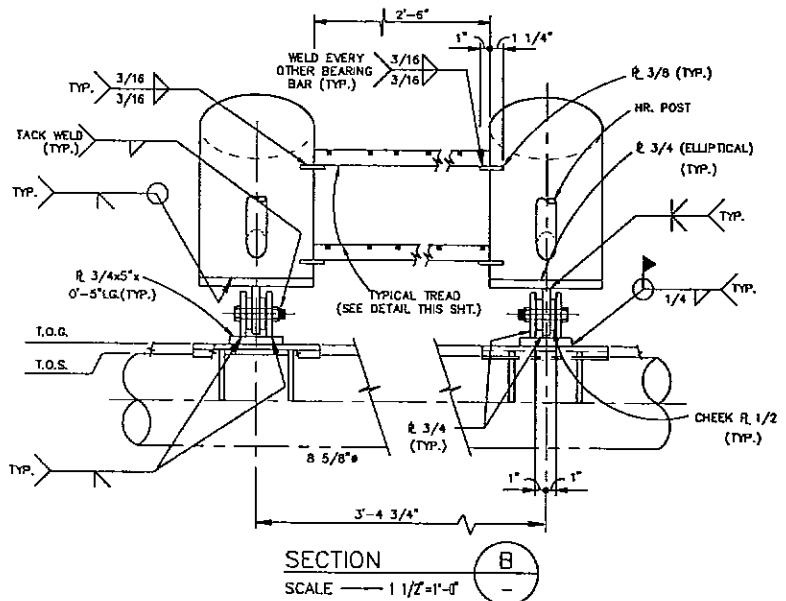
DETAIL 1
SCALE 1/2" = 1'-0"



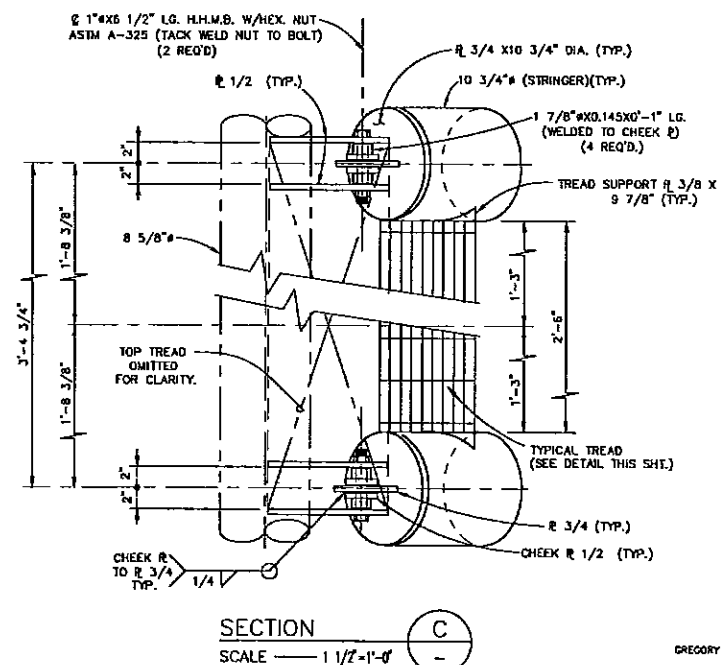
DETAIL 2
SCALE 1/2" = 1'-0"



SECTION A
SCALE 1/2" = 1'-0"



SECTION B
SCALE 1/2" = 1'-0"



SECTION C
SCALE 1/2" = 1'-0"

- NOTES:
- FOR GENERAL NOTES SEE SHT. 201.
 - HINGED STAIR FROM (+)12'-0" TO THE LANDING IS TO BE HOT DIPPED GALVANIZED, ACID WASHED AND COATED WITH 3 MILS EPOXY PRIMER AND 2 MILS POLYURETHANE (INCLUDING HAND RAILS).

0	KN	APPROVED FOR CONSTRUCTION	2/25/97	JNS	GLR
NO.	BY	REVISION	DATE	CHK'D.	APP'D.

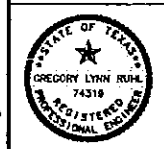
PMETRO-MARINE ENGINEERING, INC.
Consultants in Energy
HOUSTON, TEXAS

ENRON
Oil & Gas Company

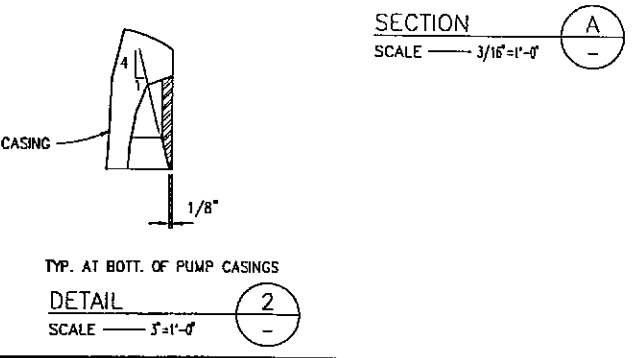
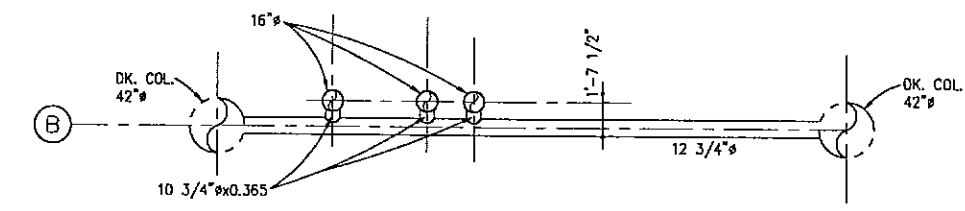
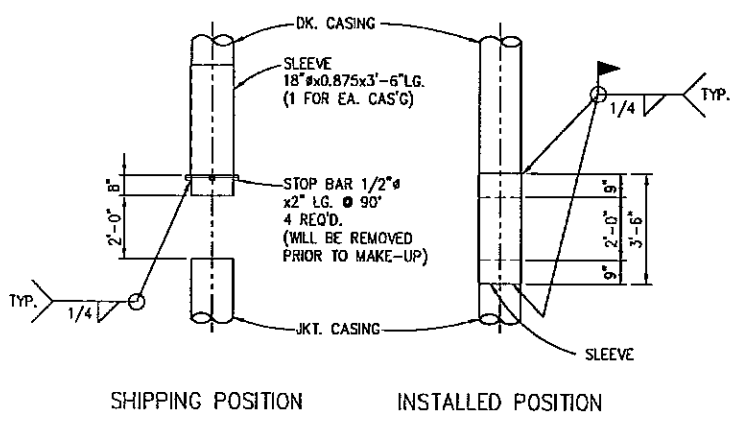
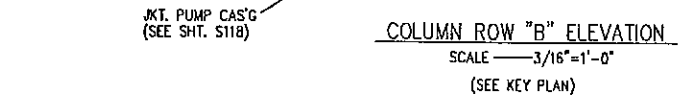
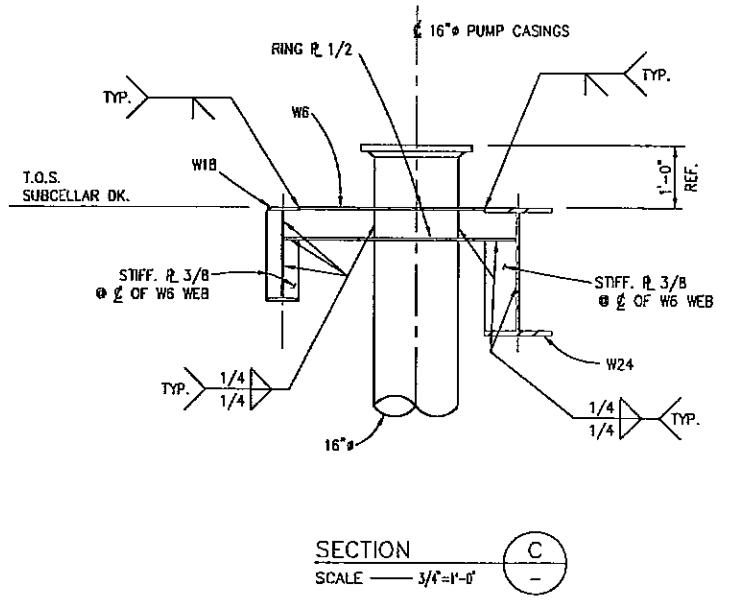
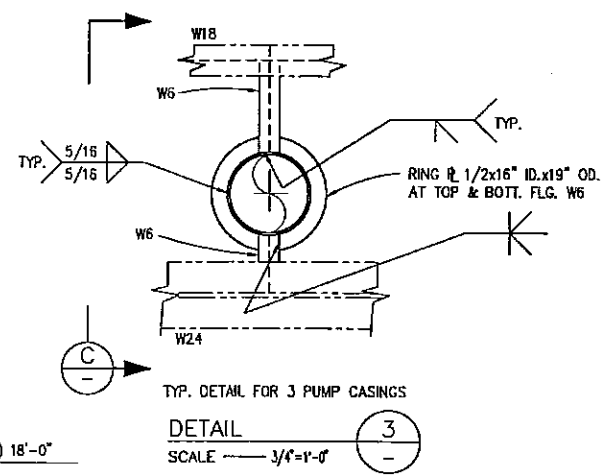
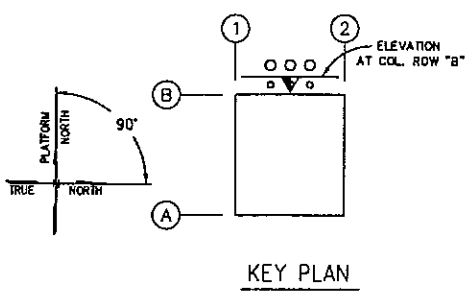
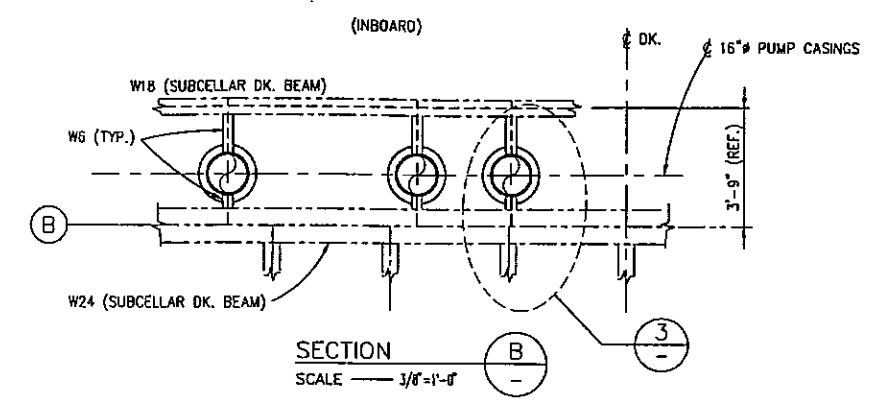
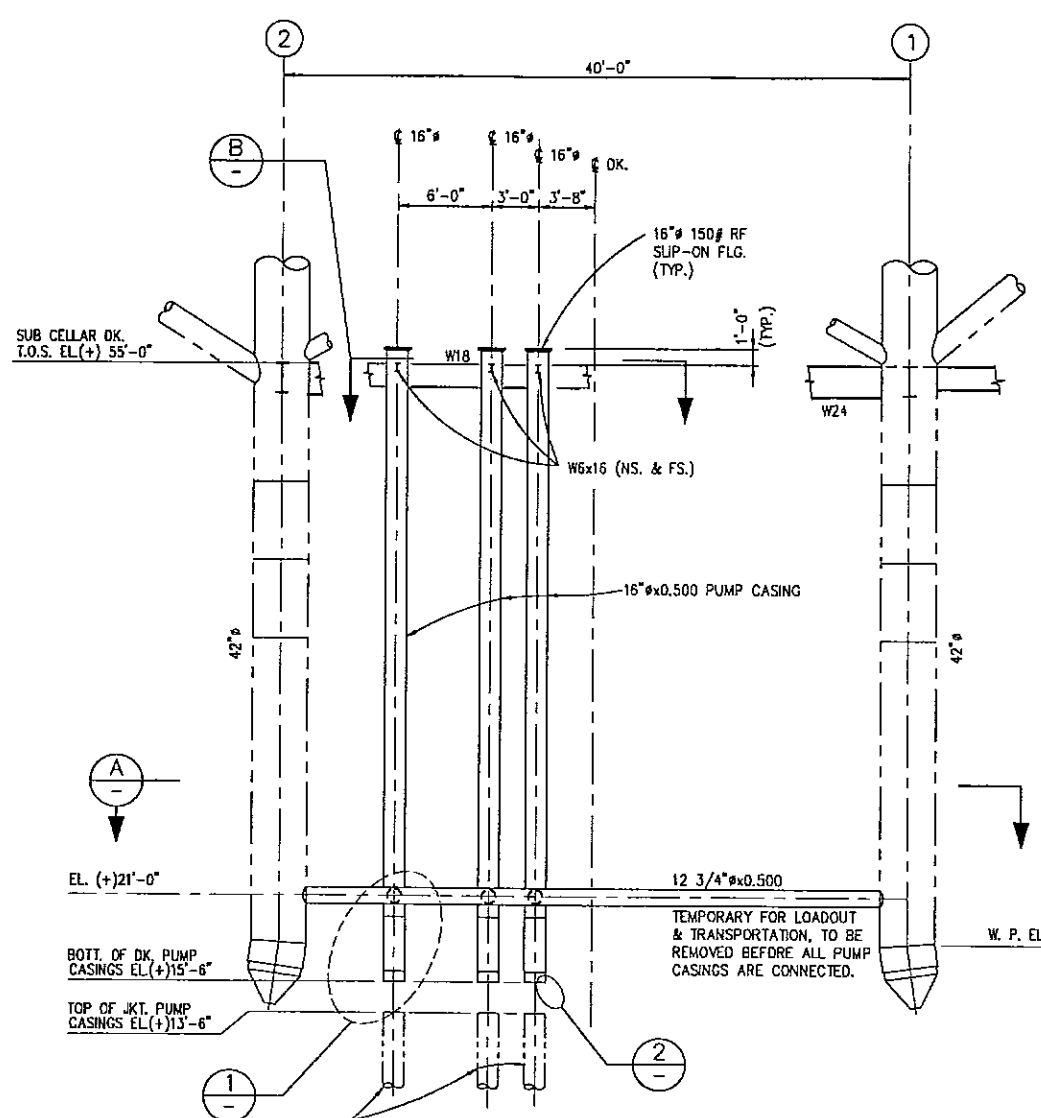
4-PILE PRODUCTION PLATFORM
EUGENE ISLAND BLOCK 135 "A" 68 FT. W.D.

HINGED STAIR No. 6
SECTIONS AND DETAILS

SCALE:	NOTED	DATE
DESIGNED BY:	PMET	2/25/97
DRAWN BY:	KN	12/96
CHECKED BY:	J. SHAH	2/25/97
APPROVED BY:	G. RUHL	2/25/97
PROJECT NO.	2208H01	REV.
SHEET NO.	S220	10



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NOTES:
1. SEE NOTES SHEET S101.

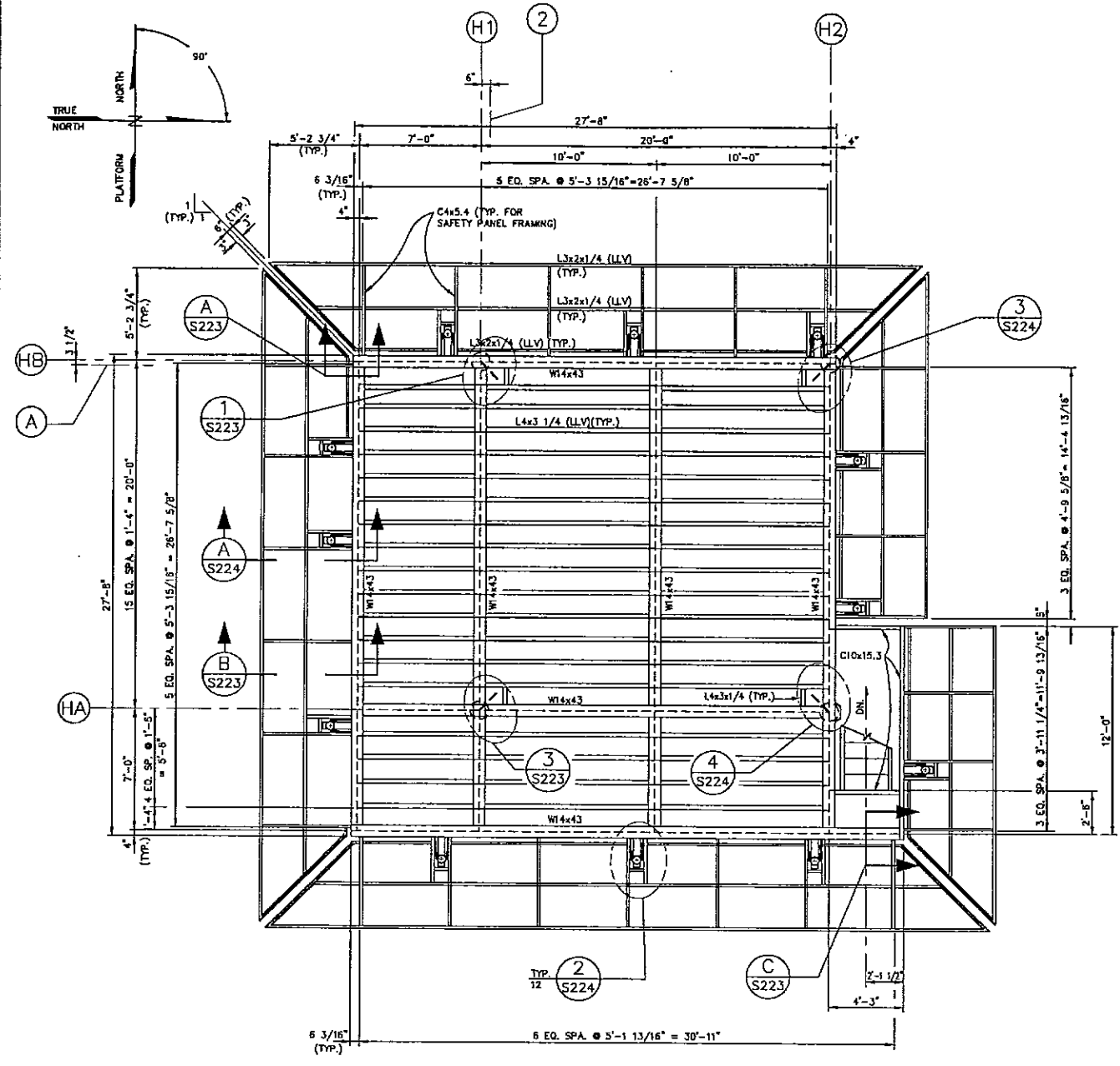
0	KN	APPROVED FOR CONSTRUCTION	3/21/97	JNS
NO.	BY	REVISION	DATE	CHKD.

PETRO-MARINE ENGINEERING, INC.
Houston, Texas

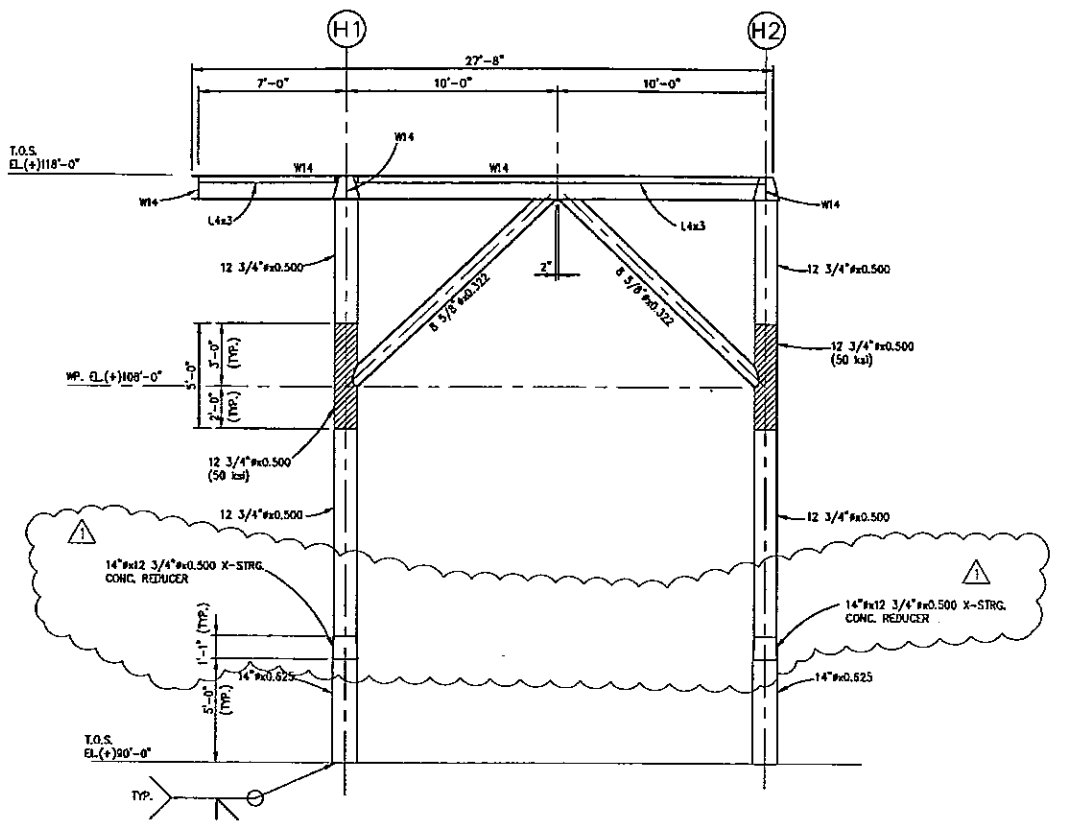
ENRON
Oil & Gas Company

4-PILE PRODUCTION PLATFORM
EUGENE ISLAND BLOCK 135 "A" 68 FT. W.D.

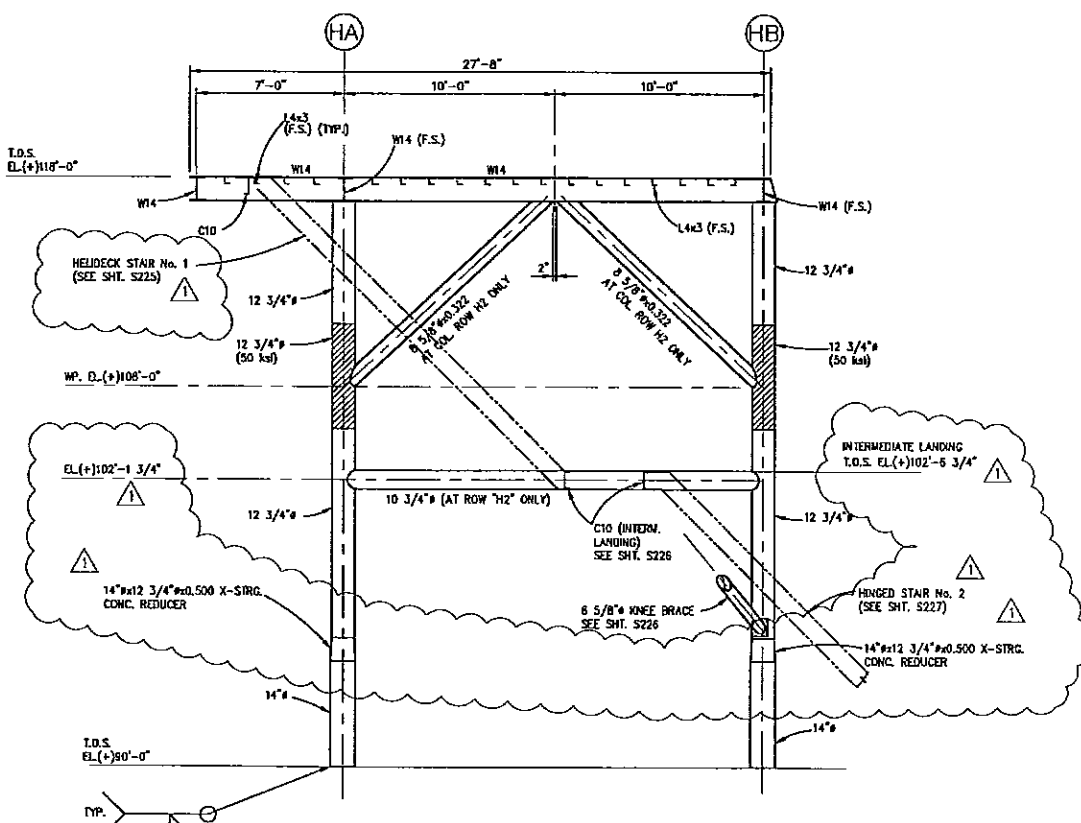
PUMP CASINGS AND DETAILS		
SCALE:	NOTED	DATE
DESIGNED BY:		
DRAWN BY:	KN	3/97
CHECKED BY:		
APPROVED BY:		
PROJECT NO.	2208H01	REV.
SHEET NO.	S221	



HELIDECK FRAMING PLAN @ T.O.S. ELEVATION (+) 118'-0"
SCALE 1/4" = 1'-0"

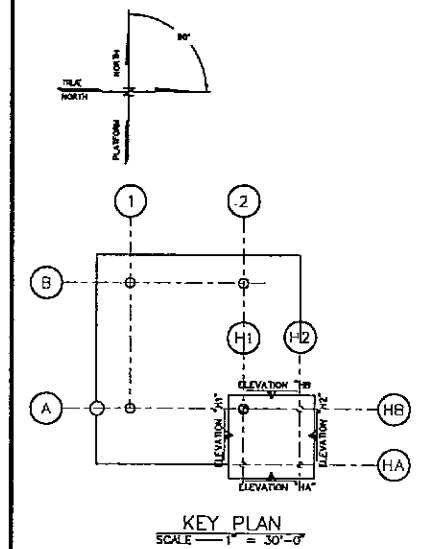


ELEVATION AT COL. ROW "HA" (SHOWN)
ELEVATION AT COL. ROW "HB" (OPP. HAND)
SCALE 1/4" = 1'-0"



ELEVATION AT COL. ROW "H2" (SHOWN)
ELEVATION AT COL. ROW "H1" (OPP. HAND)
SCALE 1/4" = 1'-0"

NOTES:
1. FOR GENERAL NOTES SEE SHEET 201.
2. HELIPORT TO BE INSTALLED PER ENRON SPECIFICATIONS



NO.	BY	REVISION	DATE	CHK'D.	APP'VD.
1	KN	CHG. TO X-STRG. REDUCERS.	3/21/97	JNS	
0	KN	APPROVED FOR CONSTRUCTION	2/25/97	JNS	BLR

PMETRO-MARINE ENGINEERING, INC.
Consultants in Energy
HOUSTON, TEXAS

ENRON
Oil & Gas Company

4-PILE PRODUCTION PLATFORM
EUGENE ISLAND BLOCK 135 "A" 68 FT. W.D.

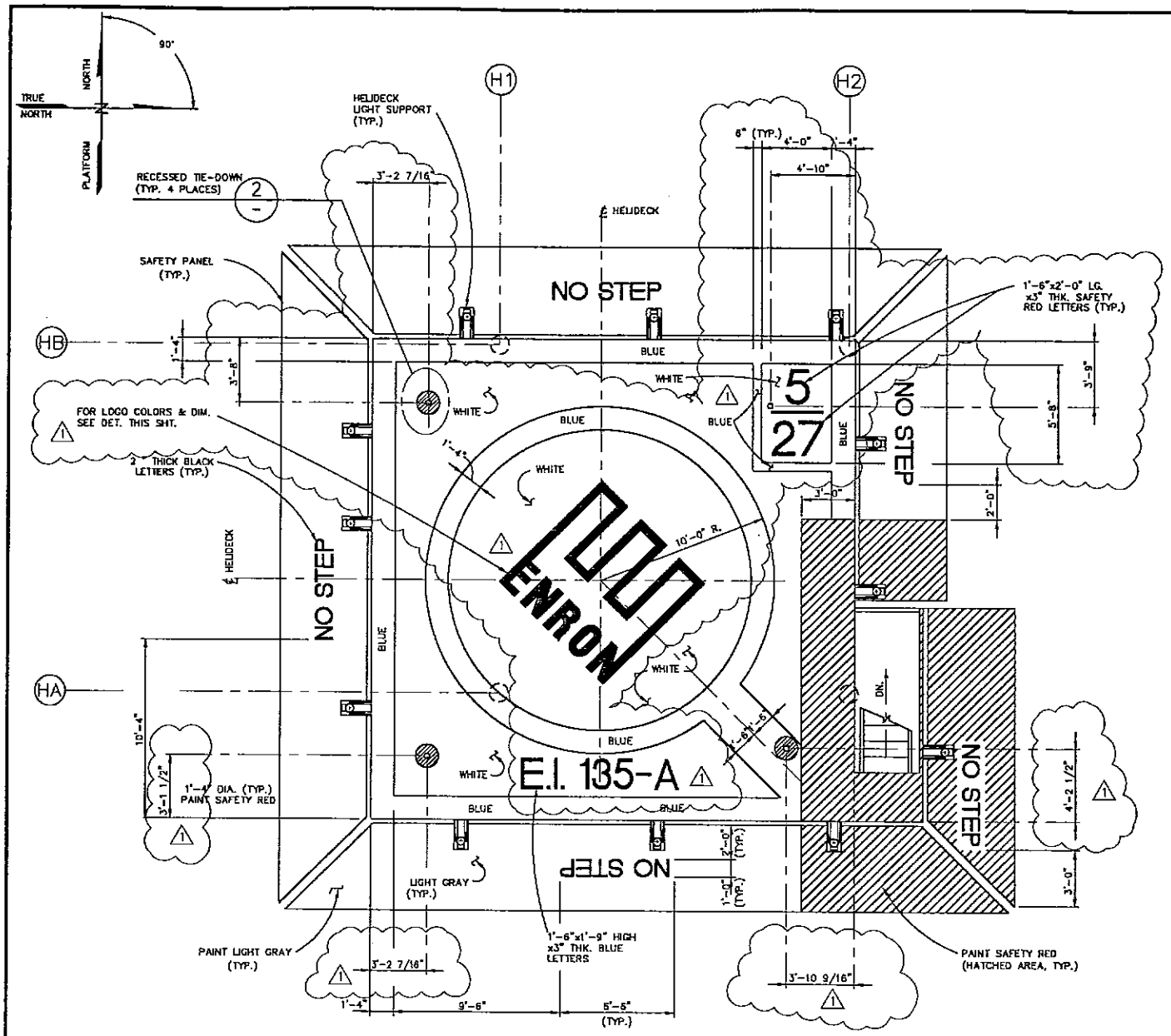
HELIDECK FRAMING PLAN
AND ELEVATIONS

SCALE:	NOTED	DATE
DESIGNED BY:	PMET	2/25/97
DRAWN BY:	KN	2/97
CHECKED BY:	J. SHAH	2/25/97
APPROVED BY:	G. RUHL	2/25/97
PROJECT NO.	2208H01	REV.
SHEET NO.	S222	

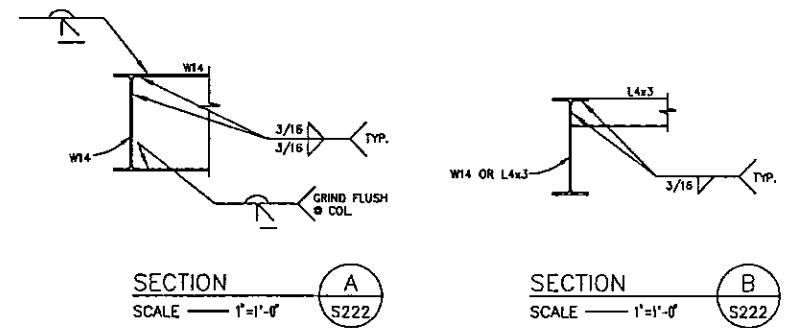


The seal appearing on this document was authorized by GREGORY LYNN RULH, P.E. Reg. #74319 on February 25, 1997

NOTES:
1. FOR GENERAL NOTES SEE SHEET 201.

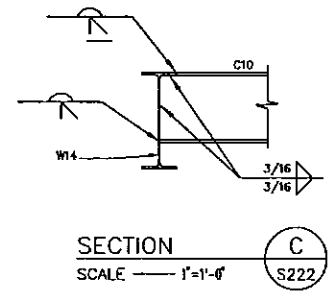


HELIDECK MARKING LAY-OUT
SCALE — 1/4"=1'-0"

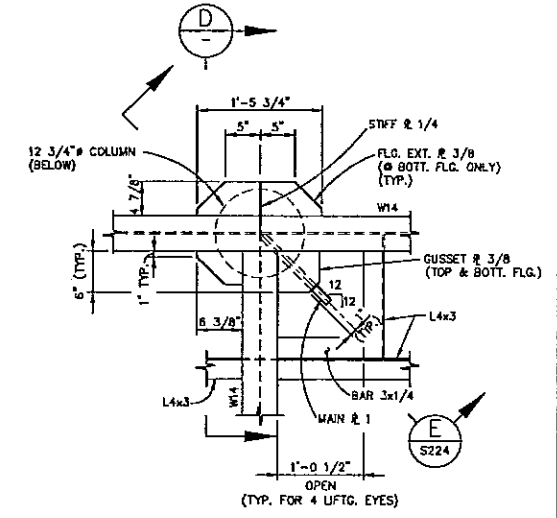


SECTION A
SCALE — 1"=1'-0" S222

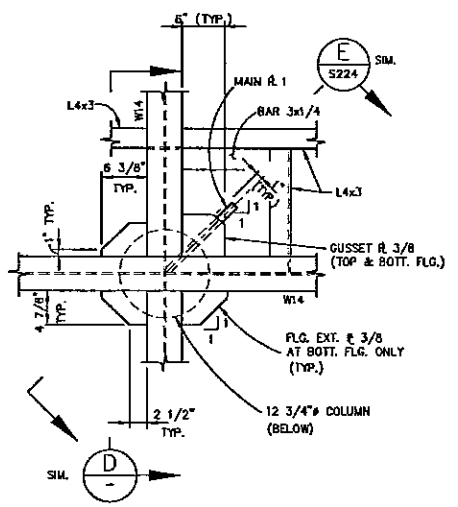
SECTION B
SCALE — 1"=1'-0" S222



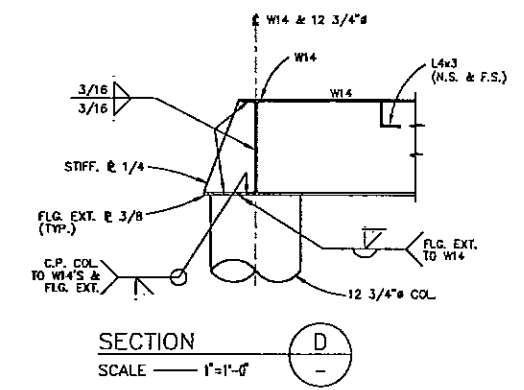
SECTION C
SCALE — 1"=1'-0" S222



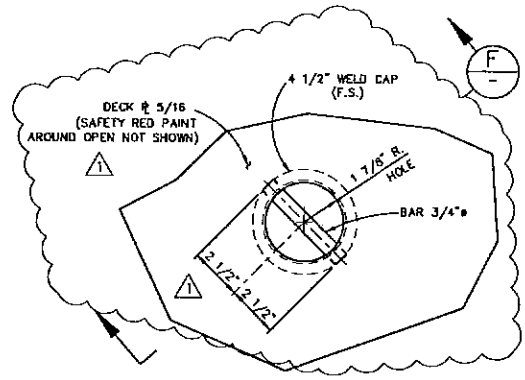
DETAIL 1
SCALE — 1"=1'-0" S222



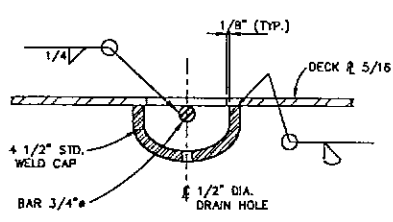
DETAIL 3
SCALE — 1"=1'-0" S222



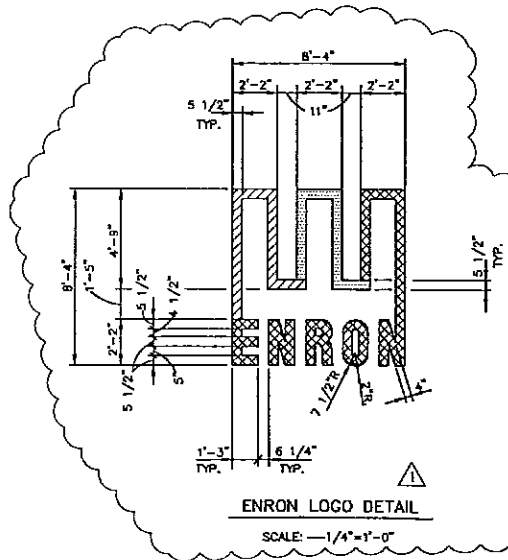
SECTION D
SCALE — 1"=1'-0" S222



DETAIL 2
SCALE — 3"=1'-0" S222



SECTION F
SCALE — 3"=1'-0" S222



ENRON LOGO DETAIL
SCALE — 1/4"=1'-0"

ENRON COLOR SPECIFICATION:
 ENRON BLUE: USE PANTONE 300C
 ENRON RED: USE PANTONE 485C
 ENRON GREEN: USE PANTONE 355C

1	KN	CHG. LOGO, REV. DIM., MOVED PLATF. I.D., ADDED DIM.	4/3/97	JNS	GLR
0	KN	APPROVED FOR CONSTRUCTION	2/25/97	JNS	GLR
NO.	BY	REVISION	DATE	CHK'D	APP'VD.

PMETRO-MARINE ENGINEERING, INC.
Houston, Texas

ENRON
Oil & Gas Company

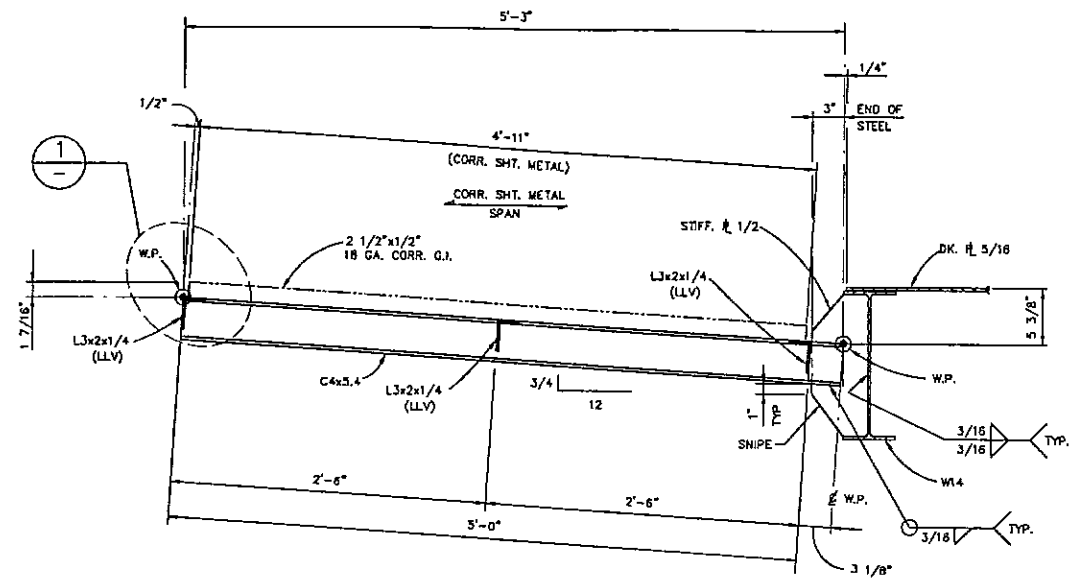
4-PILE PRODUCTION PLATFORM
EUGENE ISLAND BLOCK 135 "A" 68 FT. W.D.

HELIDECK SAFETY PANEL AND MARKING LAYOUT

SCALE:	NOTED	DATE
DESIGNED BY:	PMET	2/25/97
DRAWN BY:	KN	2/97
CHECKED BY:	J. SHAH	2/25/97
APPROVED BY:	G. RUHL	2/25/97
PROJECT NO.	2208H01	REV.
SHEET NO.	S223	Δ

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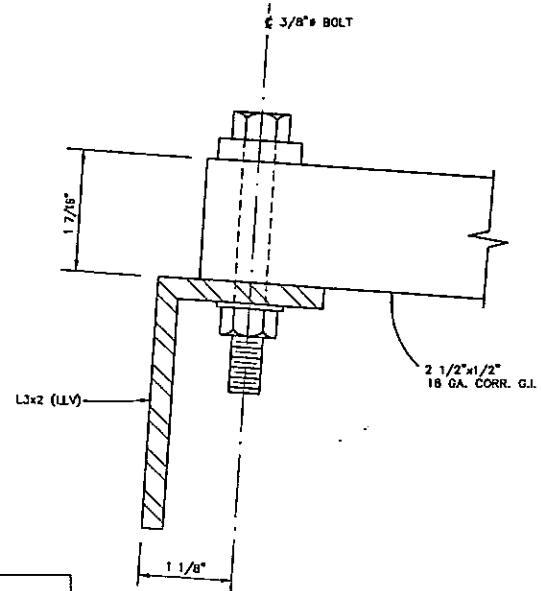




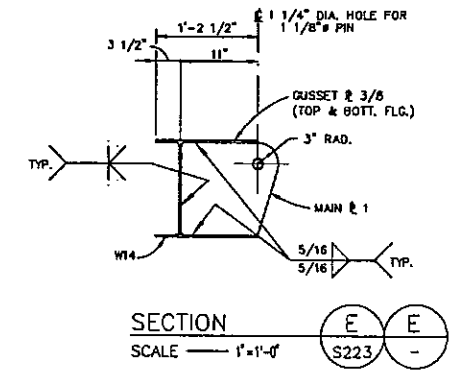
TYPICAL SECTION THRU FIXED SAFETY SHELF PANEL

SECTION A
SCALE 1 1/2"=1'-0" S222

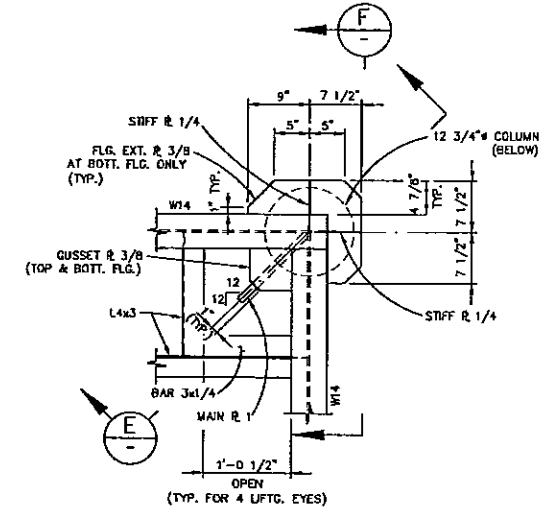
NOTE:
ATTACH 18 GA. CORR. SHT. METAL AND BAR 1/4"x1 1/2" TO L3x2 OR C4 W/ 3/8"x3" LG. HEX HEAD MACH. BOLTS W/ HEX NUT AND LOCKWASHER ASTM-A316 (S.S.) LOCATE AT 18" CRT'S. (+/-) AT ALL L3x2 AND C4 TO SHEET METAL CORN.



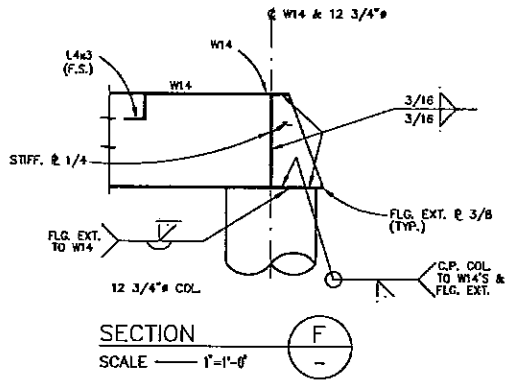
DETAIL 1
SCALE NIS



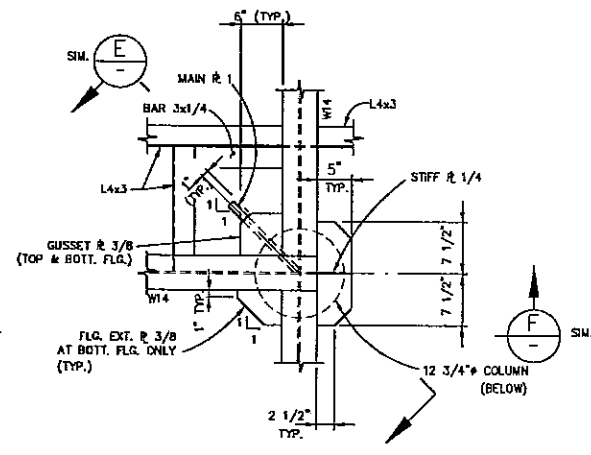
SECTION E-E
SCALE 1'-1'-0" S223



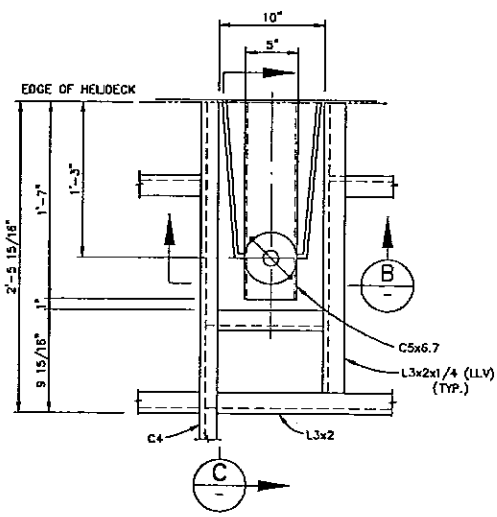
DETAIL 3
SCALE 1'-1'-0" S222



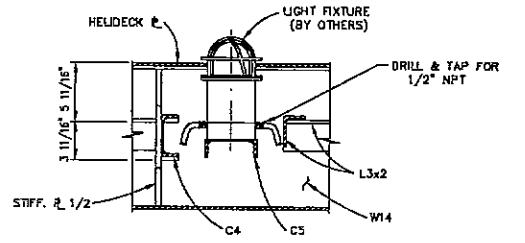
SECTION F-F
SCALE 1'-1'-0"



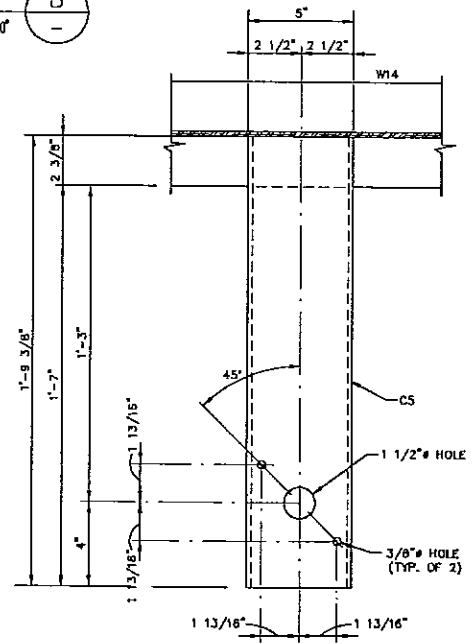
DETAIL 4
SCALE 1'-1'-0" S222



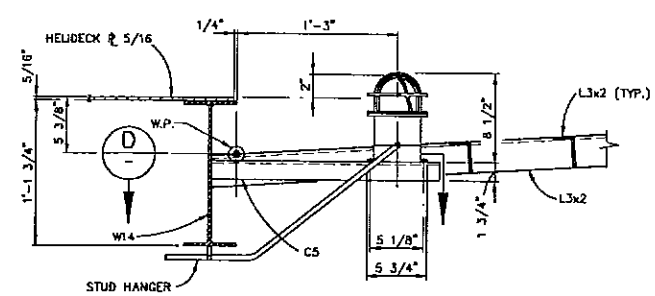
SECTION B-B
SCALE 1 1/2"=1'-0" S222



DETAIL 2
SCALE 1 1/2"=1'-0" S222



SECTION C-C
SCALE 3"=1'-0"



SECTION D-D
SCALE 1 1/2"=1'-0" S222

NOTES:
1. FOR GENERAL NOTES SEE SHEET 201.

0	KN	APPROVED FOR CONSTRUCTION	2/25/97	JNS	GLR
NO.	BY	REVISION	DATE	CHKD.	APPVD.

PETRO-MARINE ENGINEERING, INC.
Consultants to Enron
HOUSTON, TEXAS

ENRON
Oil & Gas Company

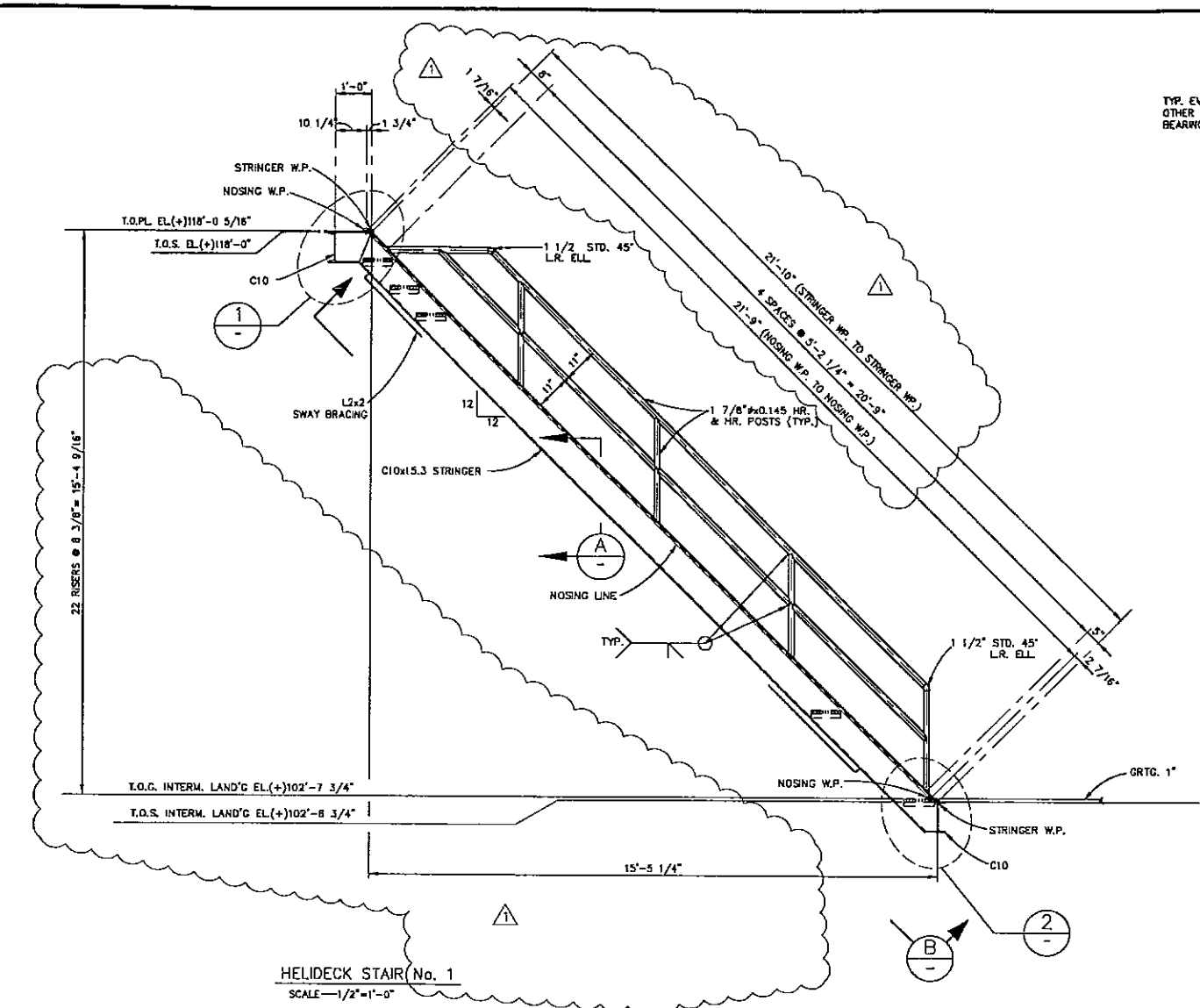
4-PILE PRODUCTION PLATFORM
EUGENE ISLAND BLOCK 135 "A" 68 FT. W.O.

HELIDECK
SECTIONS AND DETAILS

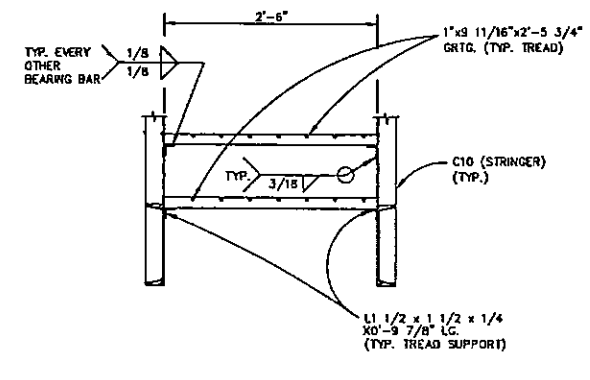
SCALE:	NOTED	DATE
DESIGNED BY: PMET	2/25/97	
DRAWN BY: KN	12/98	
CHECKED BY: J. SHAH	2/25/97	
APPROVED BY: G. RUHL	2/25/97	
PROJECT NO. 2208H01	REV.	
SHEET NO. S224		

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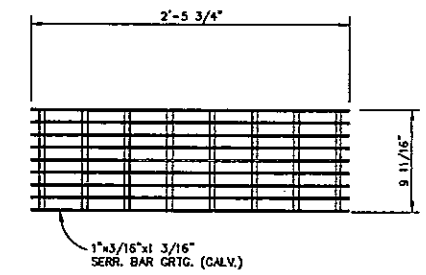




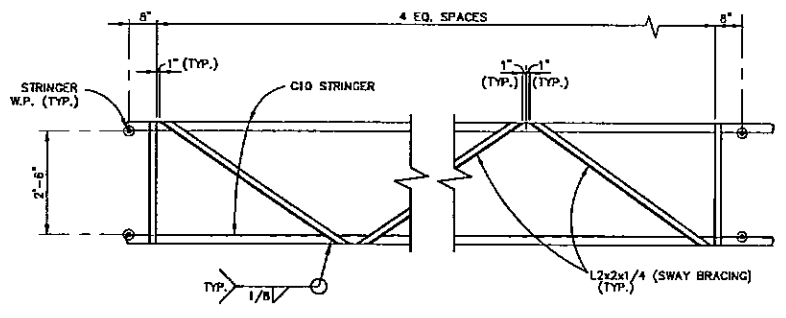
HELIDECK STAIR (No. 1)
SCALE—1/2"=1'-0"



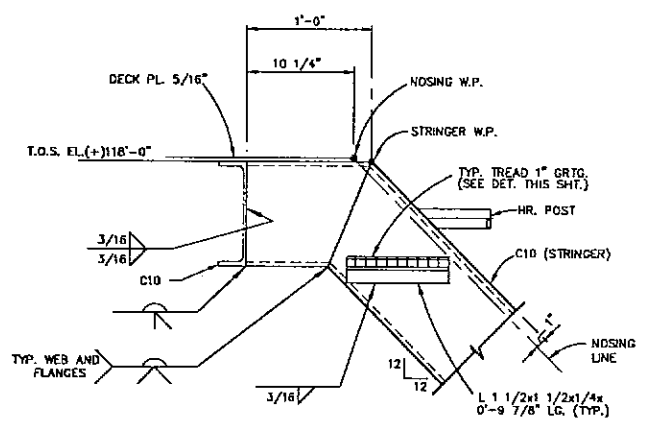
SECTION A
SCALE—1"=1'-0"



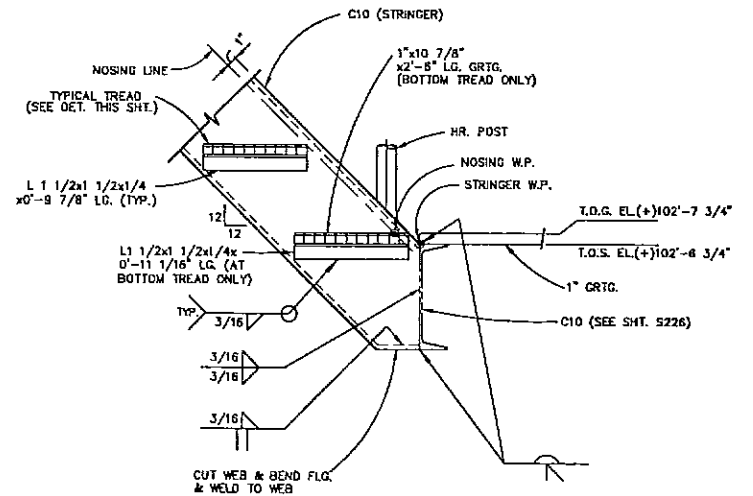
TYPICAL TREAD DETAIL
SCALE—1 1/2"=1'-0"



SECTION B
SCALE—1/2"=1'-0"



DETAIL 1
SCALE—1 1/2"=1'-0"



DETAIL 2
SCALE—1 1/2"=1'-0"

NOTES:
1. FOR GENERAL NOTES SEE SHEET 201.

1	KN	REV. EL. & DIM.	3/21/97	JNS	
0	KN	APPROVED FOR CONSTRUCTION	2/25/97	JNS	GLR
NO.	BY	REVISION	DATE	CHKD.	APPVD.

PETRO-MARINE ENGINEERING, INC.
Consultants in Energy
HOUSTON, TEXAS

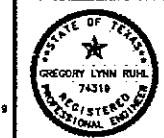
ENRON
Oil & Gas Company

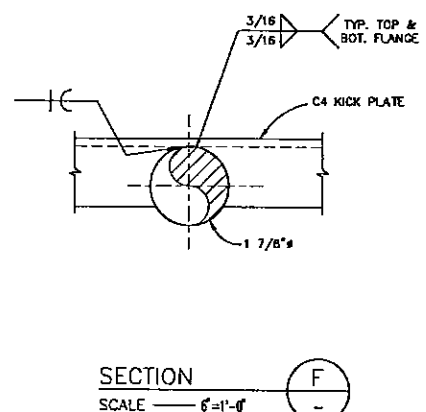
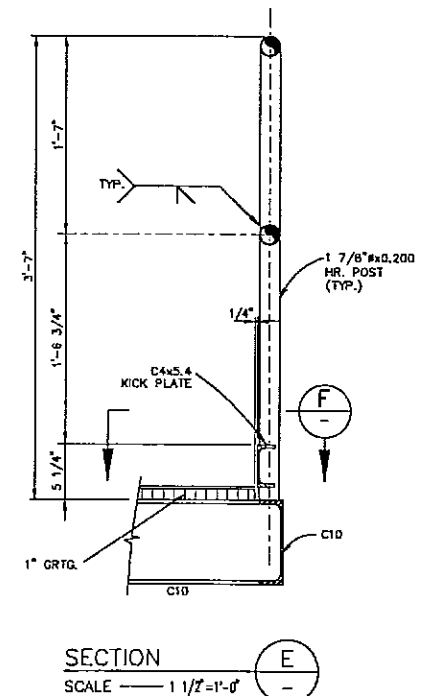
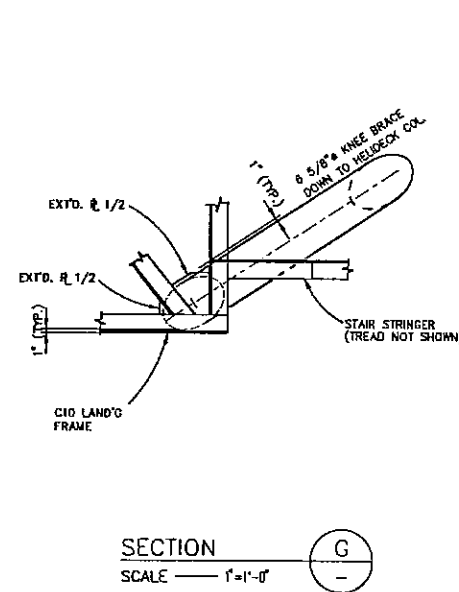
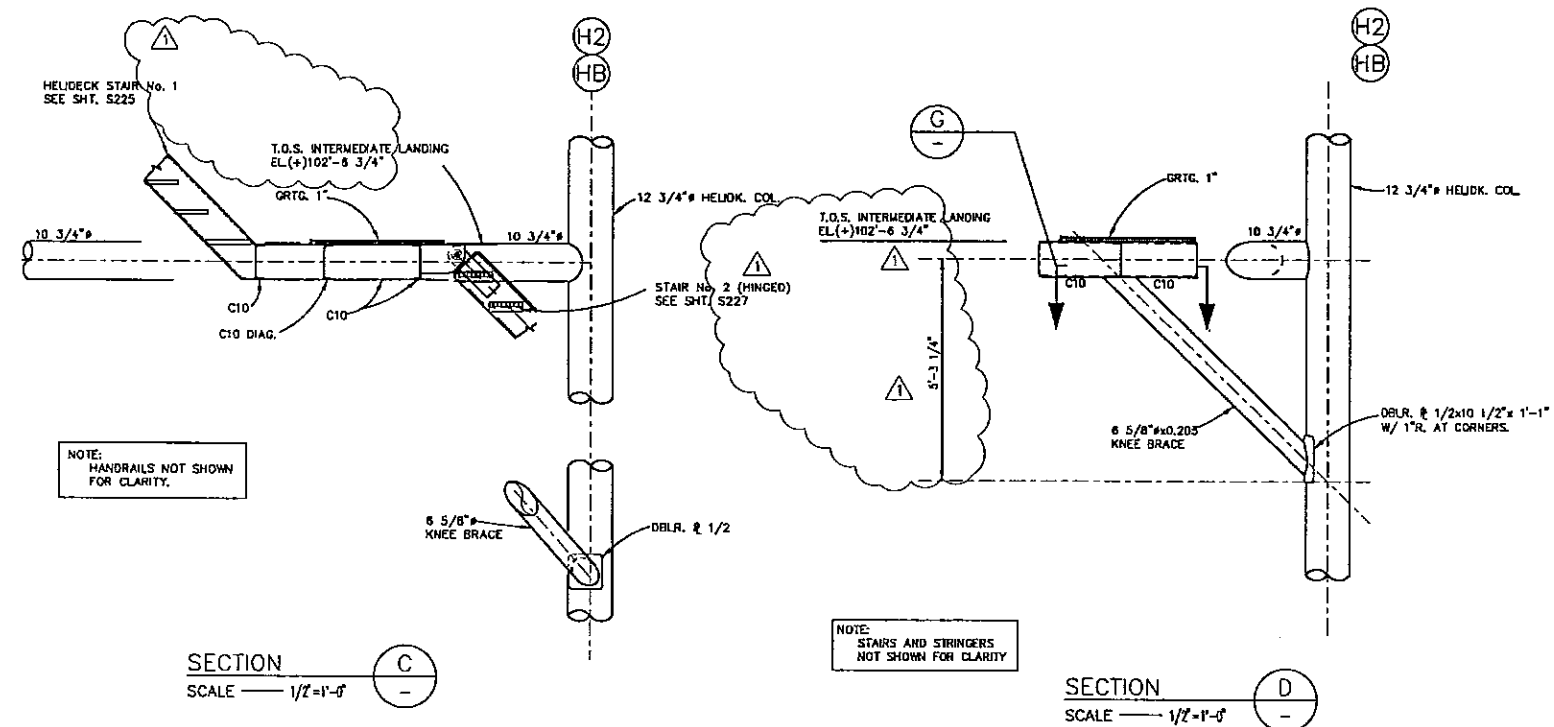
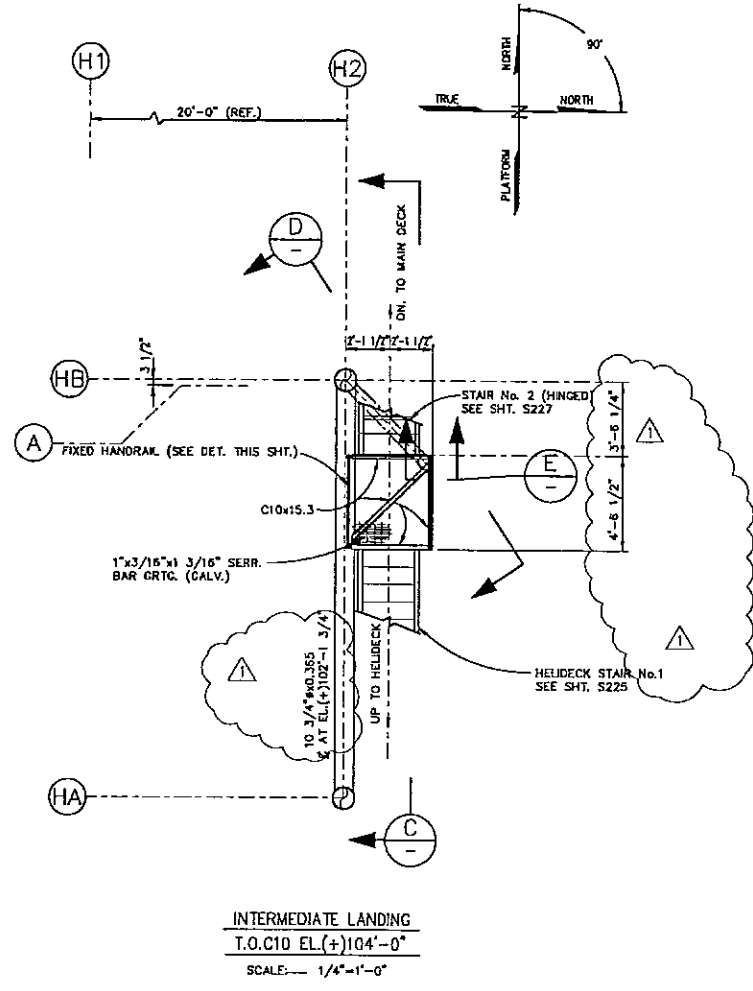
4-PILE PRODUCTION PLATFORM
EUGENE ISLAND BLOCK 135 "A" 68 FT. W.D.

HELIDECK STAIR No. 1
AND DETAILS

SCALE:	NOTED	DATE
DESIGNED BY:	PMET	2/25/97
DRAWN BY:	KN	2/97
CHECKED BY:	J. SHAH	2/25/97
APPROVED BY:	G. RUHL	2/25/97
PROJECT NO.	2208H01	REV.
SHEET NO.	S225	△

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NOTES:
1. FOR GENERAL NOTES SEE SHEET 201.

NO.	BY	REVISION	DATE	CHK'D.	APP'VD.
1	KN	CHG. WALL THK., DIM. & ELEV.	3/21/97	JNS	
0	KN	APPROVED FOR CONSTRUCTION	2/25/97	JNS	GLR

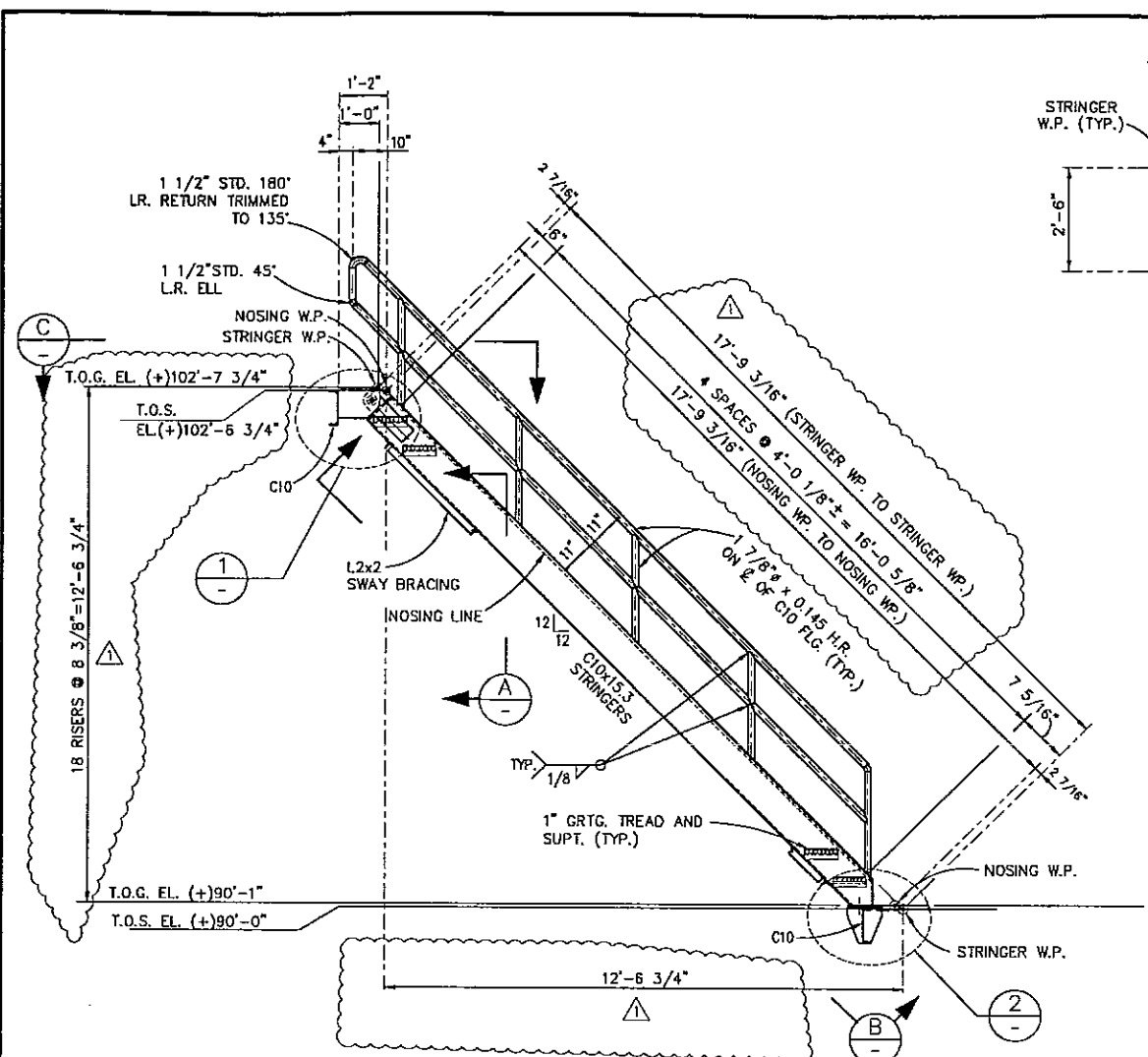
PETRO-MARINE ENGINEERING, INC.
Consultants in Energy
HOUSTON, TEXAS

ENRON
Oil & Gas Company

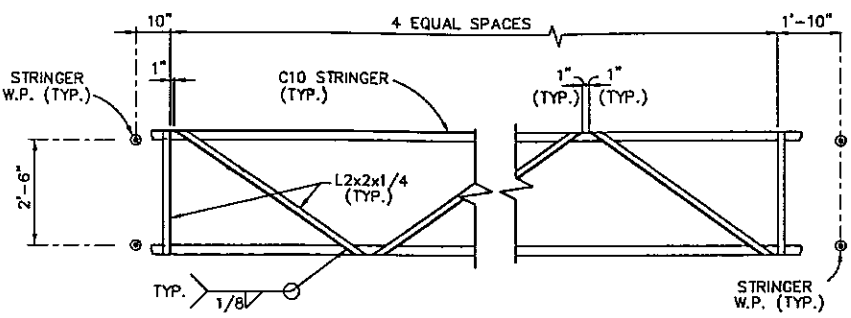
4-PILE PRODUCTION PLATFORM
EUGENE ISLAND BLOCK 135 "A" 68 FT. W.D.
HELIDECK INTERMEDIATE FRAMING PLAN
T.O.S. EL. (+)104'-0"

SCALE:	NOTED	DATE
DESIGNED BY:	PMET	2/25/97
DRAWN BY:	KN	2/97
CHECKED BY:	J. SHAH	2/25/97
APPROVED BY:	G. RUHL	2/25/97
PROJECT NO.	2208H01	REV.
SHEET NO.	S226	

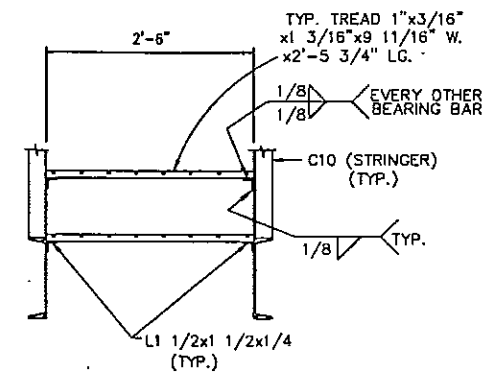
The seal appearing on this document was authorized by
GREGORY LYNN RUHL, P.E., Reg. #74318
on February 25, 1997



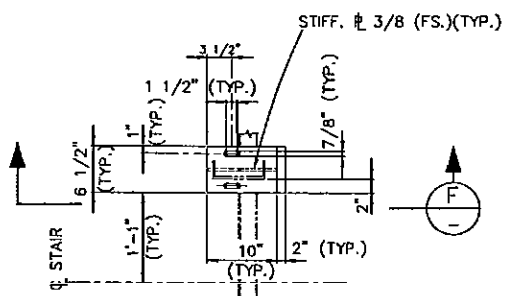
HINGED STAIR No. 2
SCALE 1" = 1'-0"



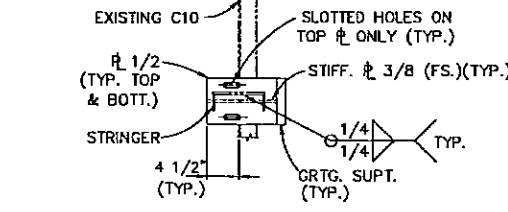
SECTION B
SCALE 1/2" = 1'-0"



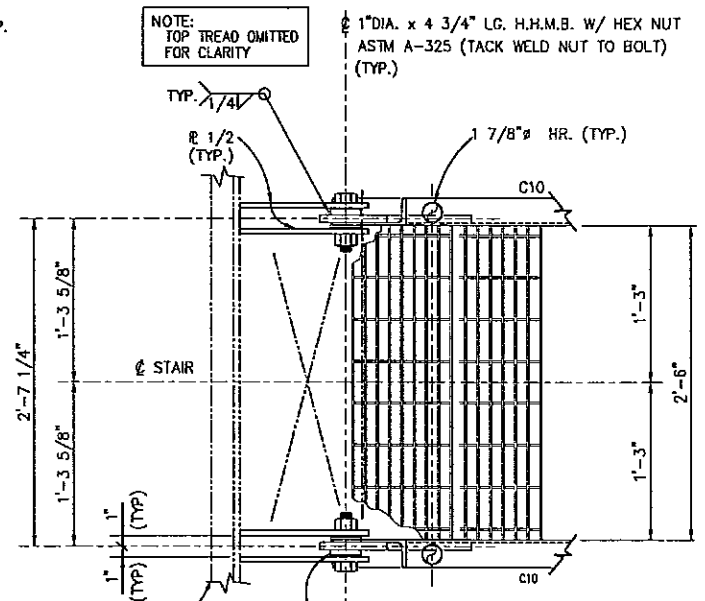
SECTION A
SCALE 1" = 1'-0"



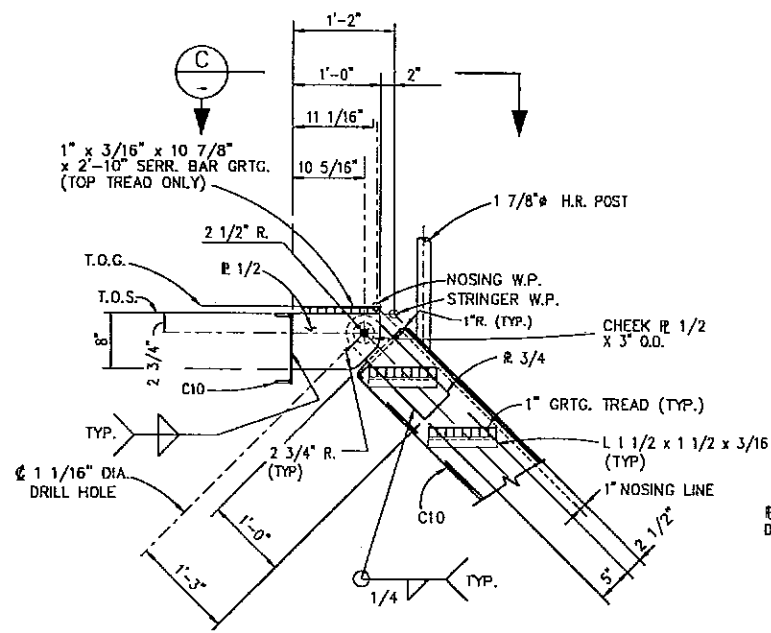
SECTION F
SCALE 1" = 1'-0"



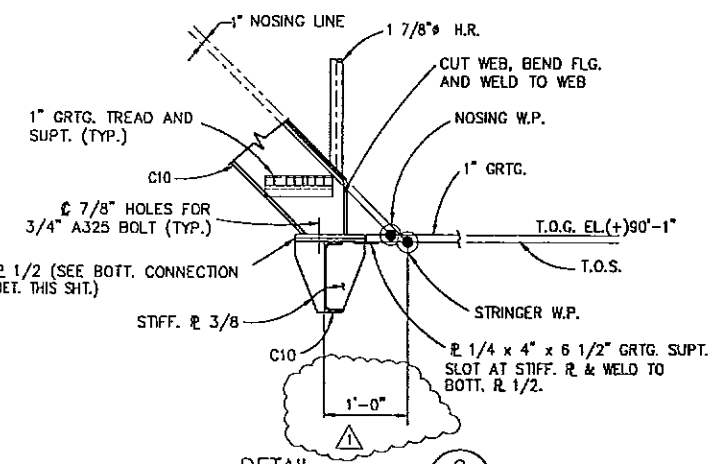
BOTTOM STAIR CONNECTION DETAIL
SCALE 1/4" = 1'-0"



SECTION C
SCALE 1/2" = 1'-0"



DETAIL 1
SCALE 1" = 1'-0"



DETAIL 2
SCALE 1" = 1'-0"

- NOTES:**
- SEE NOTES ON SHT. S201.
 - ALL TREADS TO BE FROM 1" x 3/16" x 1 3/16" SERR. BAR GRATING (GALV.)

1	KN CHG. ELEV. & DIM.	3/21/97	JNS	
0	KN APPROVED FOR CONSTRUCTION	2/25/97	JNS	GLR
BY	REVISION	DATE	CHKD.	APPROV.

PETRO-MARINE ENGINEERING, INC.
Houston, Texas

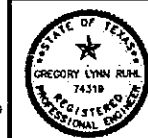
ENRON
Oil & Gas Company

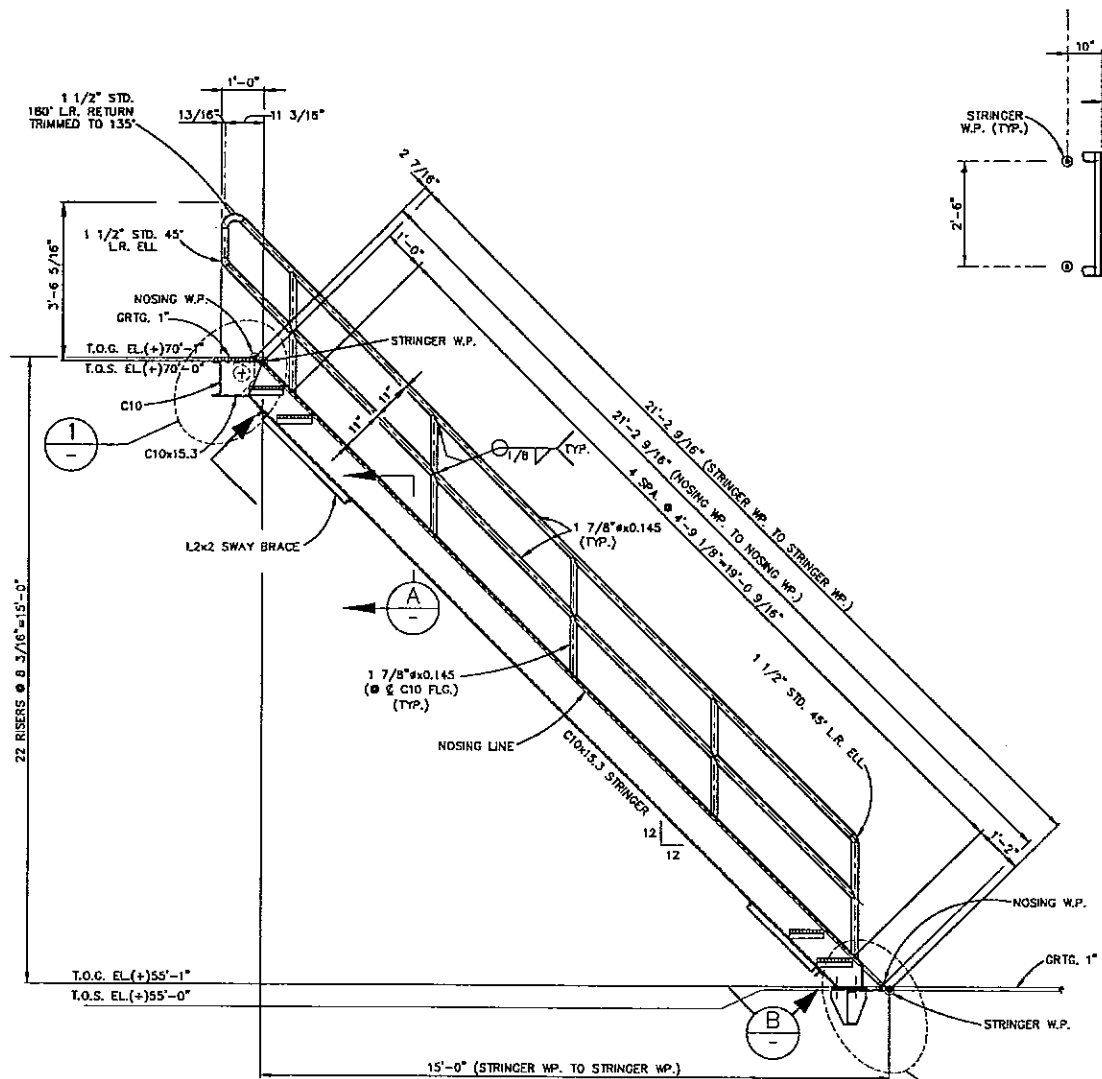
4-PILE PRODUCTION PLATFORM
EUGENE ISLAND BLOCK 135 "A" 68 FT. W.D.

HELIDECK HINGED STAIR No.2
SECTIONS AND DETAILS

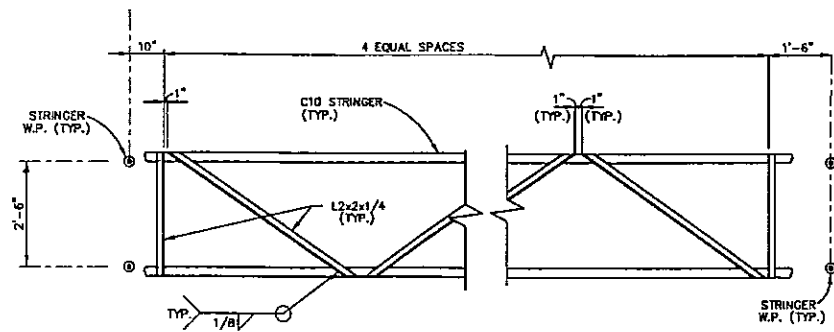
SCALE:	NOTED	DATE
DESIGNED BY:	PMET	2/25/97
DRAWN BY:	KN	2/97
CHECKED BY:	J. SHAH	2/25/97
APPROVED BY:	G. RUHL	2/25/97
PROJECT NO.	2208H01	REV.
SHEET NO.	S227	

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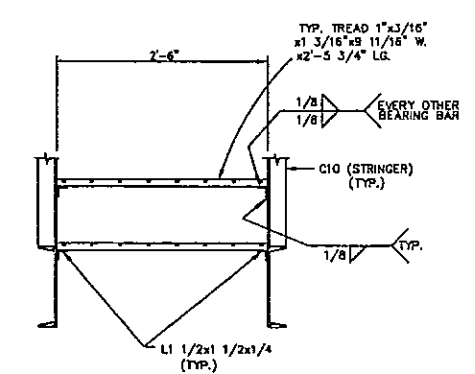




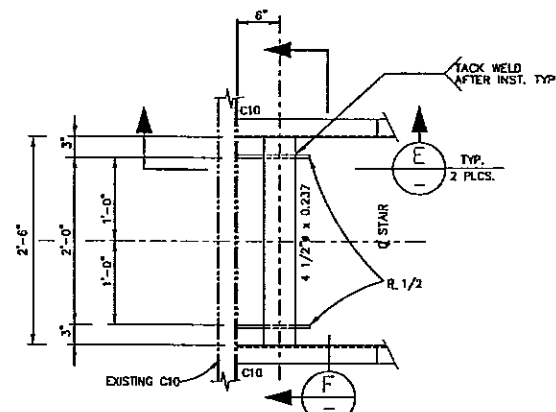
REMOVABLE STAIR No. 3
SCALE 1/2" = 1'-0"



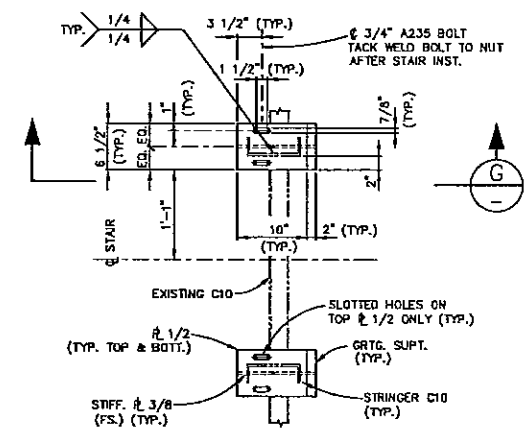
SECTION B
SCALE 1/2" = 1'-0"



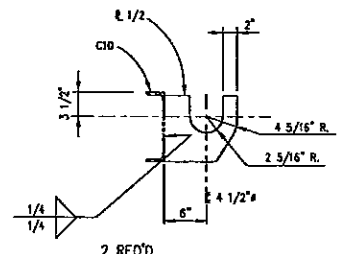
SECTION A
SCALE 1" = 1'-0"



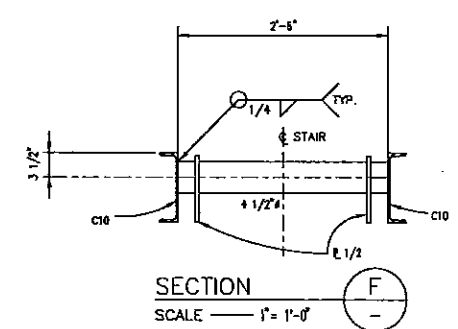
TOP STAIR CONNECTION DETAIL
SECTION D
SCALE 1" = 1'-0"



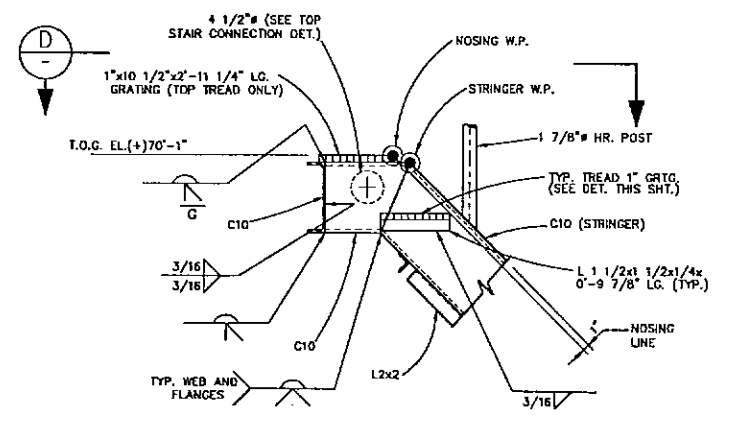
BOTTOM STAIR CONNECTION DETAIL
SECTION C
SCALE 1" = 1'-0"



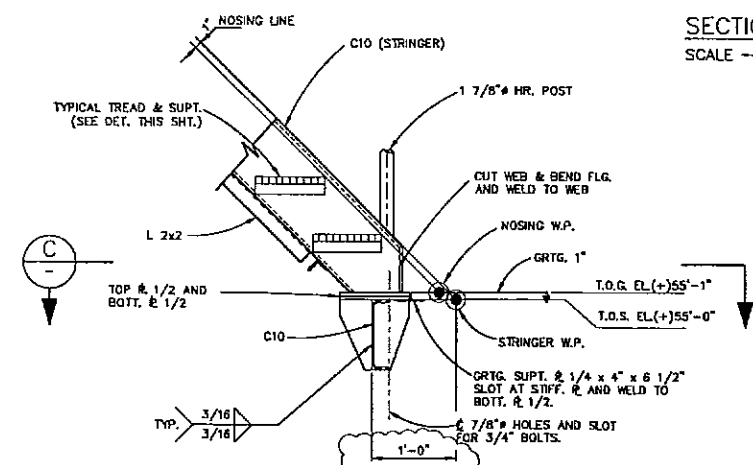
SECTION E
SCALE 1" = 1'-0"



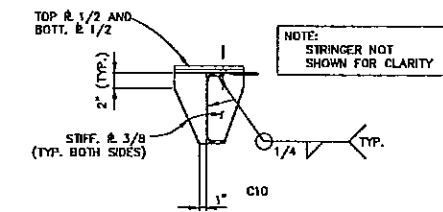
SECTION F
SCALE 1" = 1'-0"



DETAIL 1
SCALE 1" = 1'-0"



DETAIL 2
SCALE 1" = 1'-0"



SECTION G
SCALE 1" = 1'-0"

NOTES:
1. SEE NOTES ON SHT. S201.
2. ALL TREADS TO BE FROM 1"x3/16"x1 3/16" SERR. BAR GRATING (GALV.)

1	KN	ADDED DIM.	3/21/97	JNS	
0	KN	APPROVED FOR CONSTRUCTION	2/25/97	JNS	GR
BY		REVISION	DATE	CHKD.	APPROV.

PMETRO-MARINE ENGINEERING, INC.
Consultants in Energy
HOUSTON, TEXAS

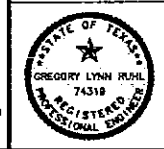
ENRON
Oil & Gas Company

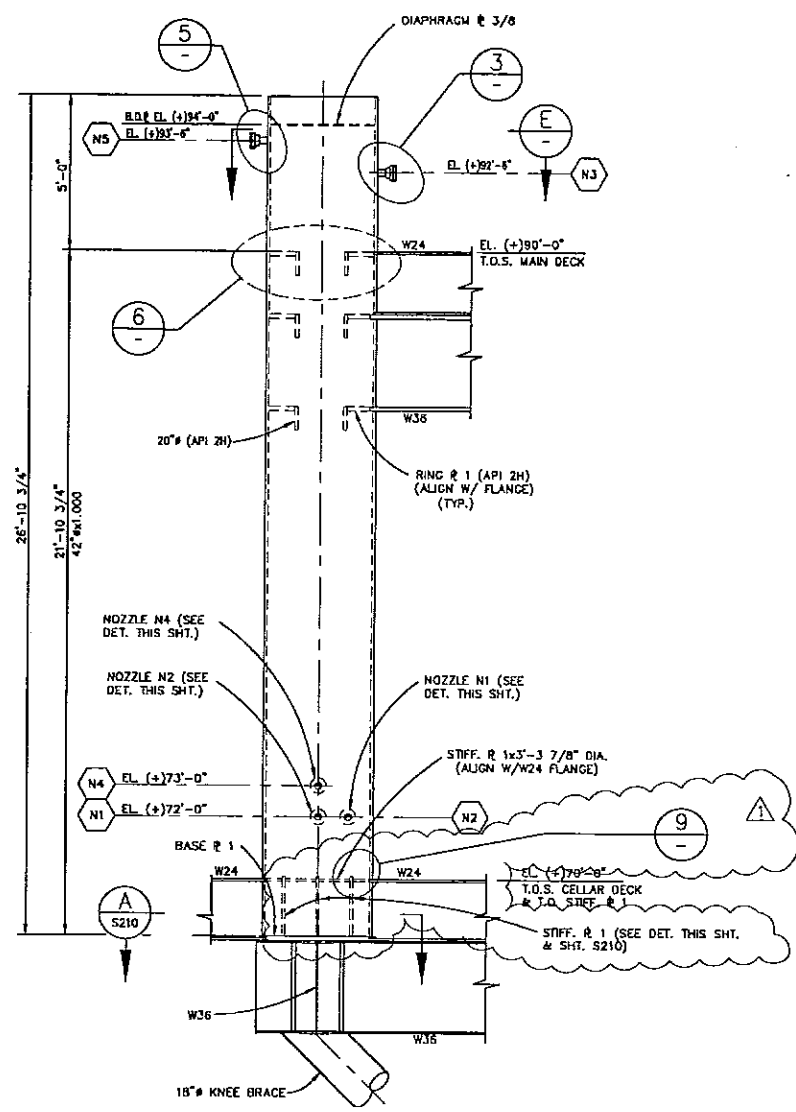
4-PILE PRODUCTION PLATFORM
EUGENE ISLAND BLOCK 135 "A" 68 FT. W.D.

REMOVABLE STAIR No. 3
SECTIONS AND DETAILS

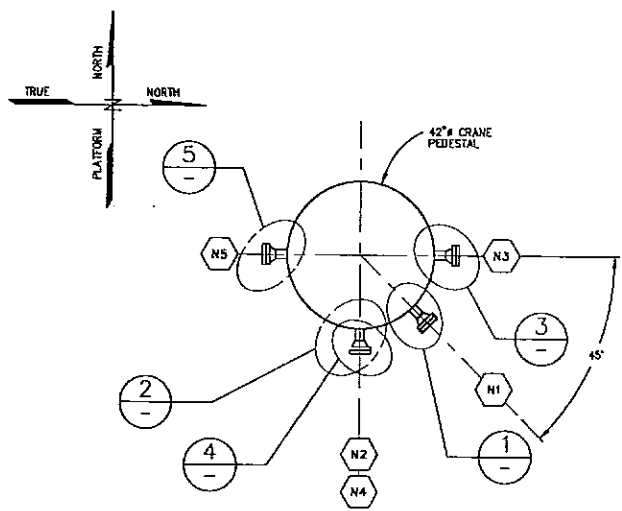
SCALE:	NOTED	DATE
DESIGNED BY:	PMET	2/25/97
DRAWN BY:	KN	2/97
CHECKED BY:	J. SHAH	2/25/97
APPROVED BY:	G. RUHL	2/25/97
PROJECT NO.	2208H01	REV.
SHEET NO.	S228	△

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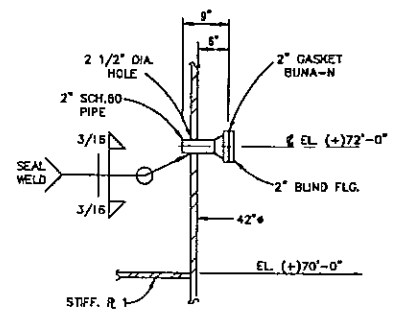




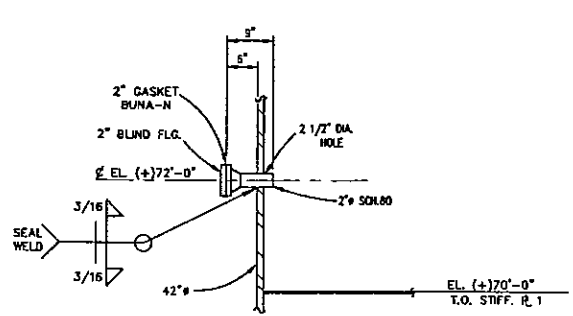
(REF. DWG. 201 & 202)
CRANE PEDESTAL ELEVATION
 SCALE — 3/8" = 1'-0"



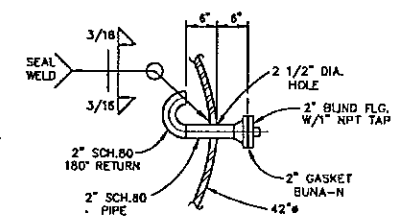
CRANE PEDESTAL NOZZLE ORIENTATION
 SECTION — E
 SCALE — 3/4" = 1'-0"



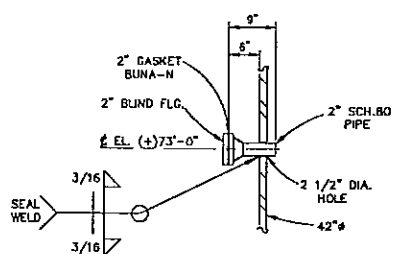
NOZZLE "N1"
 DETAIL — 1
 SCALE — 3/4" = 1'-0"



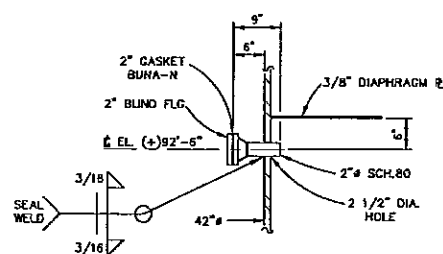
NOZZLE "N2"
 DETAIL — 2
 SCALE — 3/4" = 1'-0"



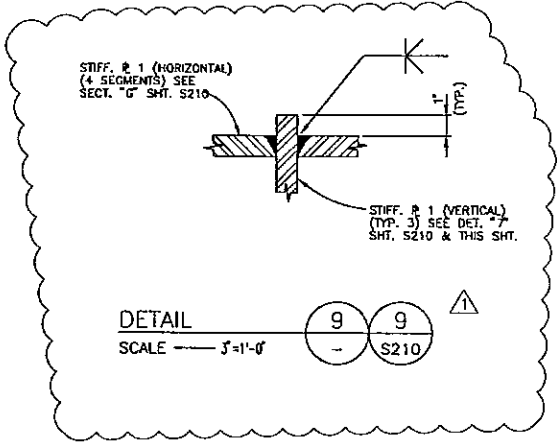
NOZZLE "N3"
 DETAIL — 3
 SCALE — 3/4" = 1'-0"



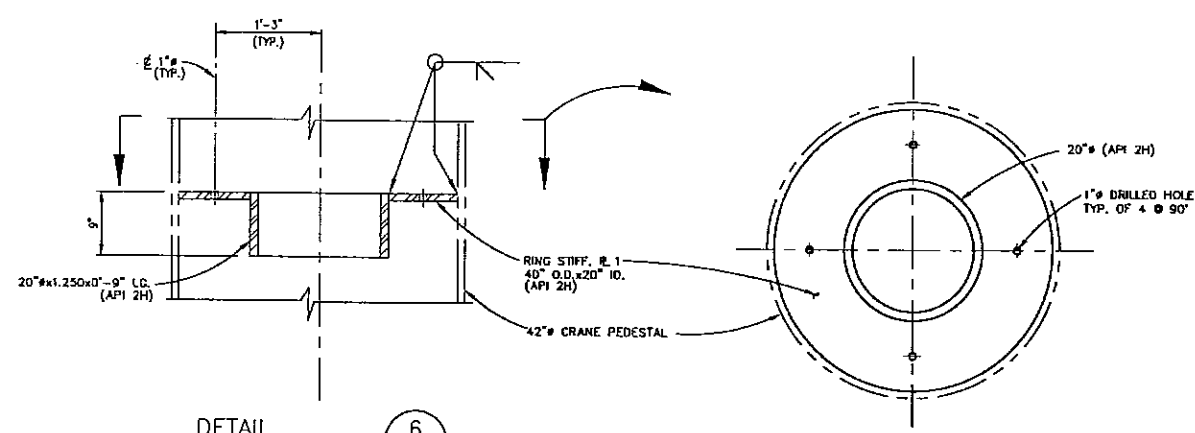
NOZZLE "N4"
 DETAIL — 4
 SCALE — 3/4" = 1'-0"



NOZZLE "N5"
 DETAIL — 5
 SCALE — 3/4" = 1'-0"



DETAIL — 9
 SCALE — 3/4" = 1'-0"



DETAIL — 6
 SCALE — 3/4" = 1'-0"

NOTES:
 1. SEE NOTES SH. 201.

DIESEL TANK NOZZLE SCHEDULE						
NK	SIZE	PRD. TO F/F	RATG.	TYPE	BORE	SERVICE
N1	2"	6"	150#	RFWN	SCH. 080	INLET
N2	2"	6"	150#	RFWN	SCH. 080	PUMP SUCTION
N3	2"	6"	150#	RFWN	SCH. 080	OVERFLOW
N4	2"	6"	150#	RFWN	SCH. 080	LEVEL INDICATOR
N5	2"	6"	150#	RFWN	SCH. 080	VENT

1	KN	ADDED DET. 9, REV. CRANE EL.	3/21/97	JNS	
0	KN	APPROVED FOR CONSTRUCTION	2/25/97	JNS	CLR
NO.	BY	REVISION	DATE	CHK'D.	APP'VD.

PETRO-MARINE ENGINEERING, INC.
 Consultants in Energy
 HOUSTON, TEXAS

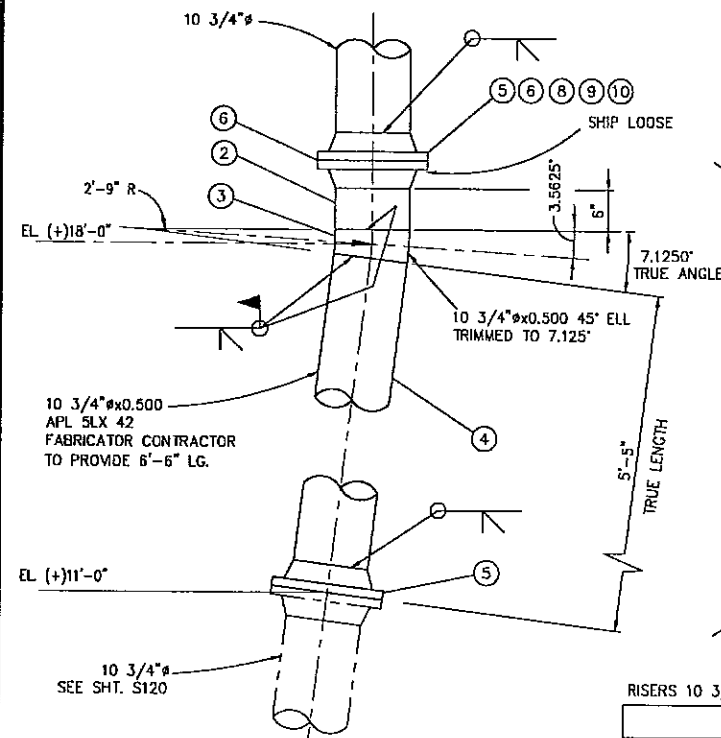
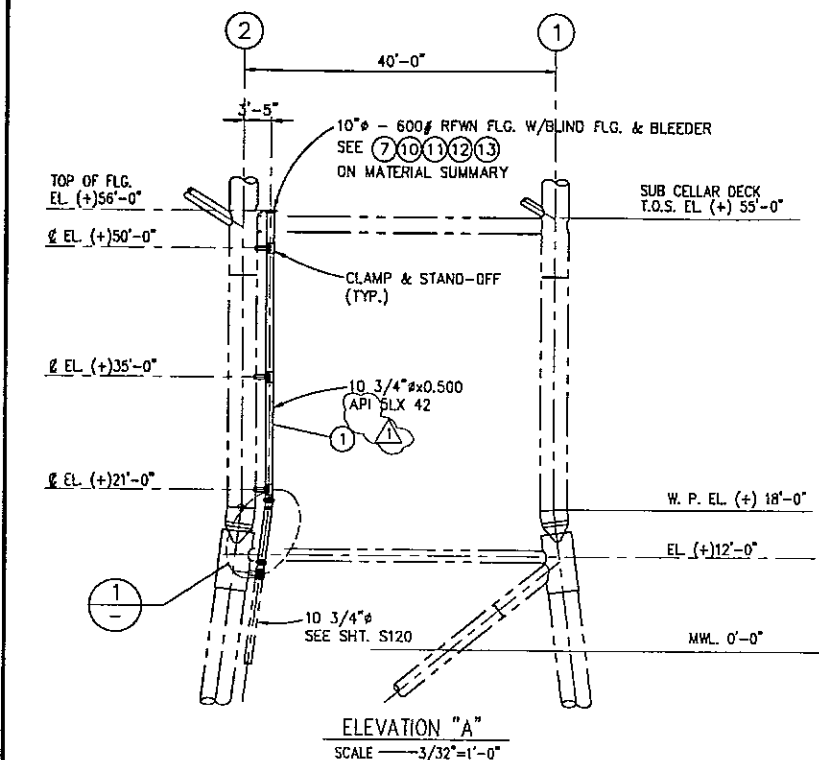
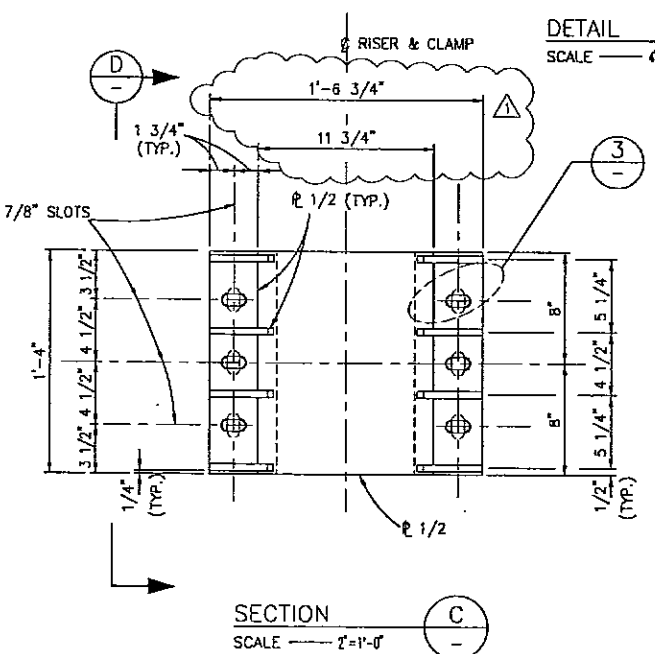
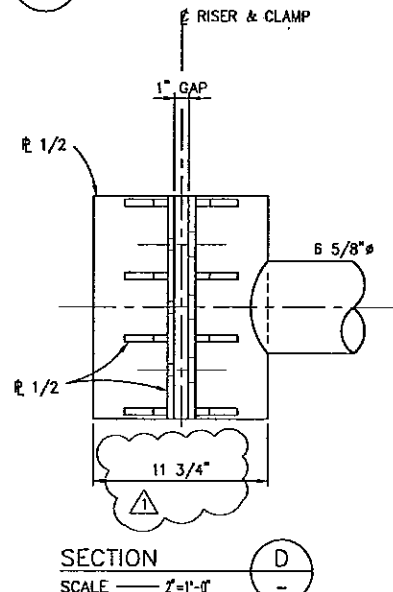
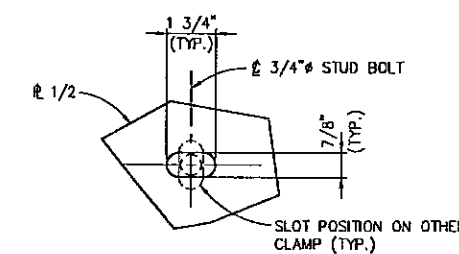
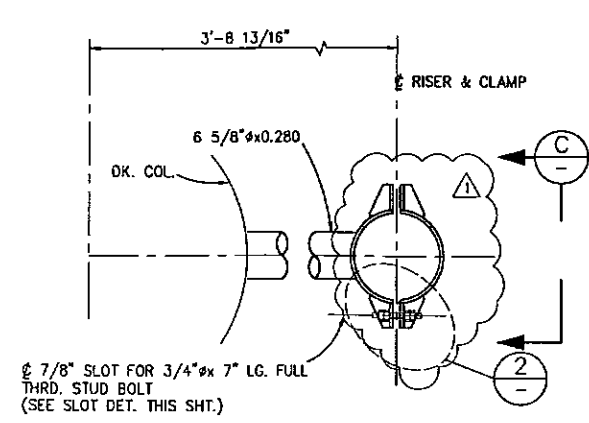
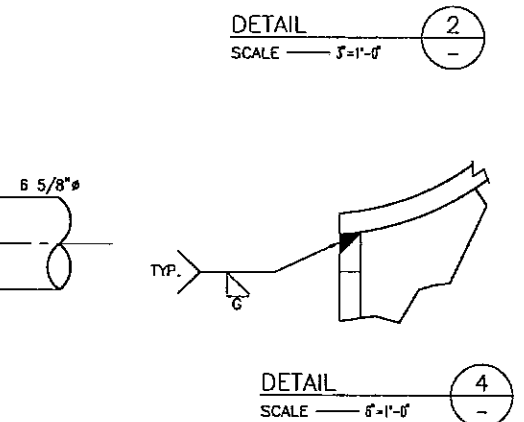
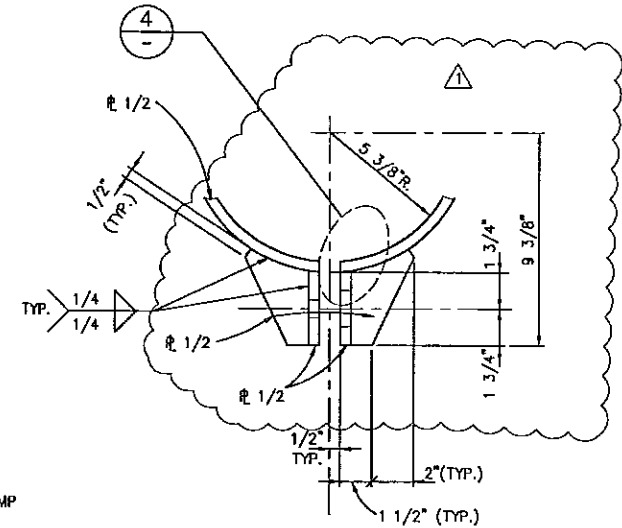
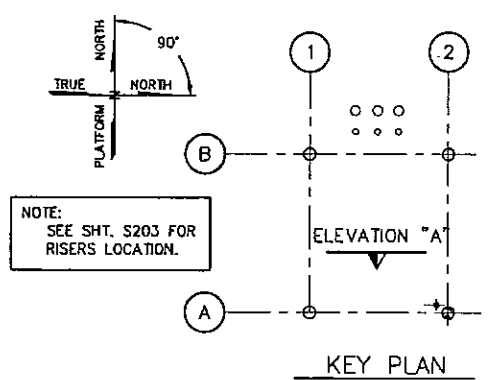
ENRON
 Oil & Gas Company
 4-PILE PRODUCTION PLATFORM
 EUGENE ISLAND BLOCK 135 "A" 68 FT. W.D.
 CRANE PEDESTAL AND NOZZLE ORIENTATION

SCALE:	NOTED	DATE:
DESIGNED BY:	PMET	2/25/97
DRAWN BY:	KN	2/97
CHECKED BY:	J. SHAH	2/25/97
APPROVED BY:	G. RUIH	2/25/97
PROJECT NO.	2208H01	REV.
SHEET NO.	S229	△

The seal appearing on this document was authorized by
 GREGORY LYNN RUIH, P.E. Reg. #74319
 on February 25, 1997

NOTES:

- FOR NOTES SEE SHEET S201.
- RISERS TO BE FABRICATED AND INSTALLED AS PER ENRON SPECIFICATION.
- RISER IS TO BE HYDROTESTED TO 2160 PSI FOR EIGHT HOURS IN THE JACKET AND DECK. A TWO PEN RECORDER (TEMPERATURE AND PRESSURE) IS TO BE USED TO RECORD RESULTS OF TEST.
- RISERS TO BE GAUGED WITH SIZING PLATES.



RISERS 10 3/4"

ITEM	QTY.	DESCRIPTION
1	37'-7"	PIPE, 10 3/4" x 0.500 API SLX 42, SEAMLESS
2	6"	PIPE, 10 3/4" x 0.500 API SLX 42, SEAMLESS
3	01	BEND, 10 3/4" x 0.500 API SLX 42, SEAMLESS
4	5'-5"	PIPE, 10 3/4" x 0.500 API SLX 42, SEAMLESS
5	03	FLANGE, 10", 600#, RTJWN
6	03	GASKET, 10" ANSI 600#, R53 OVAL, 316SS
7	01	FLANGE, 10", 600#, RFWN
8	01	FLANGE, BLIND 10", RTJ CENTER DRILL & TAP FOR 1" NPT
9	16	BOLTS, 1 1/4" DIA. x 8 3/4" LG. STUD, ASTM A193 GR. 87 TEFLON COATED, W/ 02 HEAVY HEX NUTS ASTM A194, GR. 2H
10	02	PLUG, BLEEDER, 1" MNPT, PSIG 6000WP (PLEECO), ASTM A105 COPPER SEAT RING W/ NYKOTE FINISH

ITEM	QTY.	DESCRIPTION
11	01	FLANGE, BLIND 10", RF CENTER DRILL & TAP FOR 1" NPT
12	16	BOLTS, 1 1/4" DIA. x 8 1/2" LG. STUD, ASTM A193 GR. 87 TEFLON COATED, W/ 02 HEAVY HEX NUTS ASTM A194, GR. 2H
13	01	GASKET, 10" ANSI 600#, SPIRAL WOUND ASBESTOS W/ AISI 304 STAINLESS STEEL WINDINGS, 1/8" THK. FLEXITALLIC STYLE CG OR EQUAL.

NO.	BY	REVISION	DATE	CHK'D.	APPROV.
1	KN	REV. NEOPRENE & NOTE 2, REV. DIM., ENG. NO. GASKETS, REV. MATERIAL	4/18/97	JNS	
0	KN	APPROVED FOR CONSTRUCTION	4/10/97	JNS	CLR

PETRO-MARINE ENGINEERING, INC.
Houston, Texas

ENRON
Oil & Gas Company

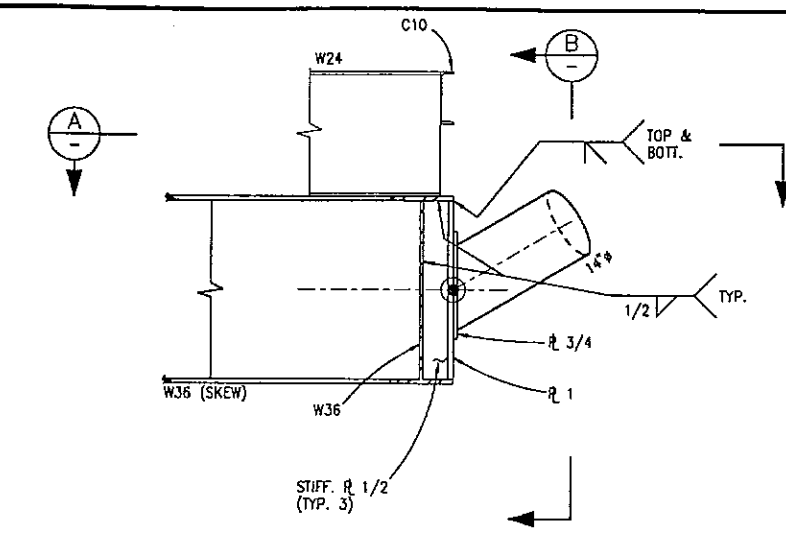
4-PILE PRODUCTION PLATFORM
EUGENE ISLAND BLOCK 135 "A" 68 FT. W.D.
10 3/4" RISER, CLAMPS AND DETAILS

SCALE:	NOTED	DATE
DESIGNED BY:	PMET	4/10/97
DRAWN BY:	KN	3/97
CHECKED BY:	J. SHAH	4/10/97
APPROVED BY:	G. RUHL	4/10/97
PROJECT NO.	2208H01	REV.
SHEET NO.	S230	

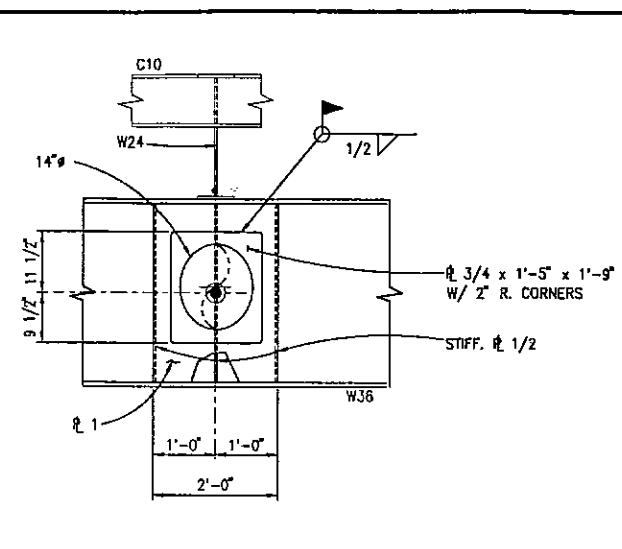
The seal appearing on this document was authorized by GREGORY LYNN RUHL, P.E. Reg. #74319 on April 10, 1997



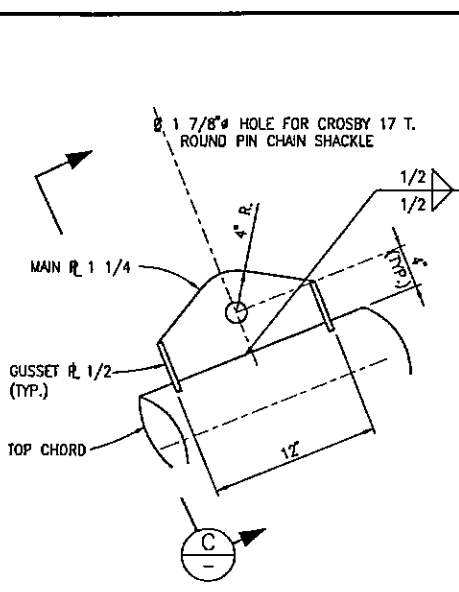
NOTES:
1. SEE NOTES SHT. S201



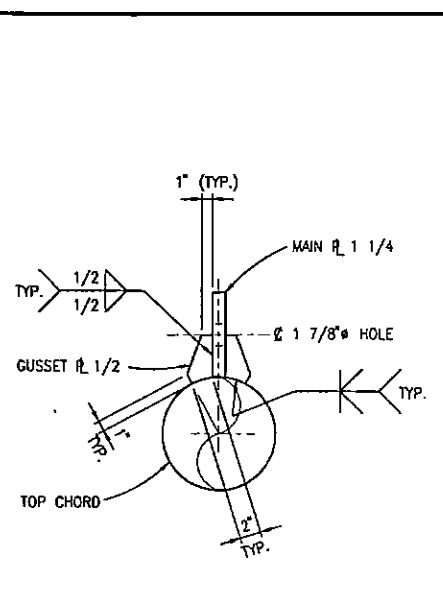
DETAIL 1
SCALE 3/4"=1'-0"



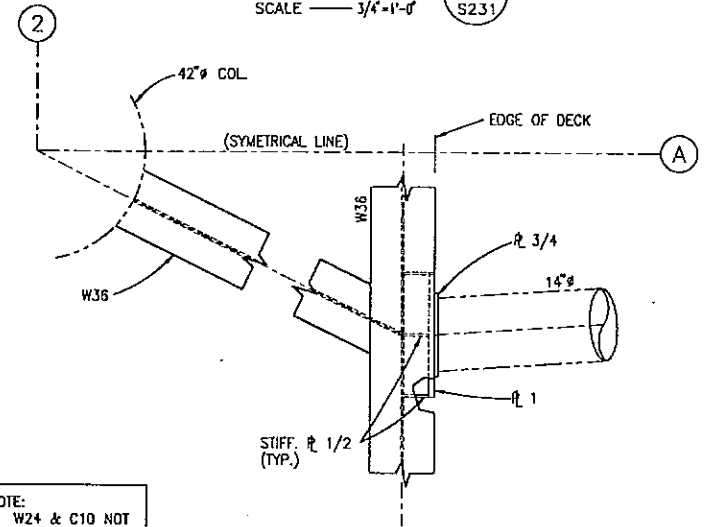
SECTION B
SCALE 3/4"=1'-0"



DETAIL 2
SCALE 1 1/2"=1'-0"



SECTION C
SCALE 1 1/2"=1'-0"



SECTION A
SCALE 3/4"=1'-0"

NOTE:
W24 & C10 NOT SHOWN FOR CLARITY

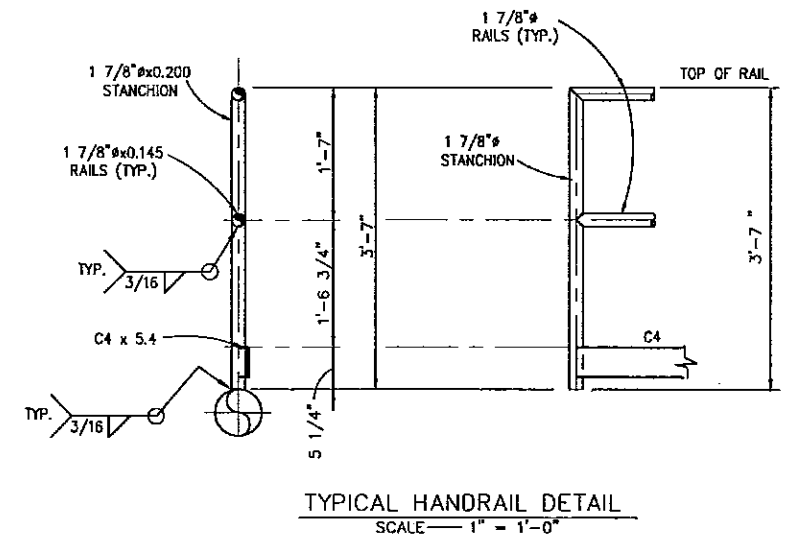
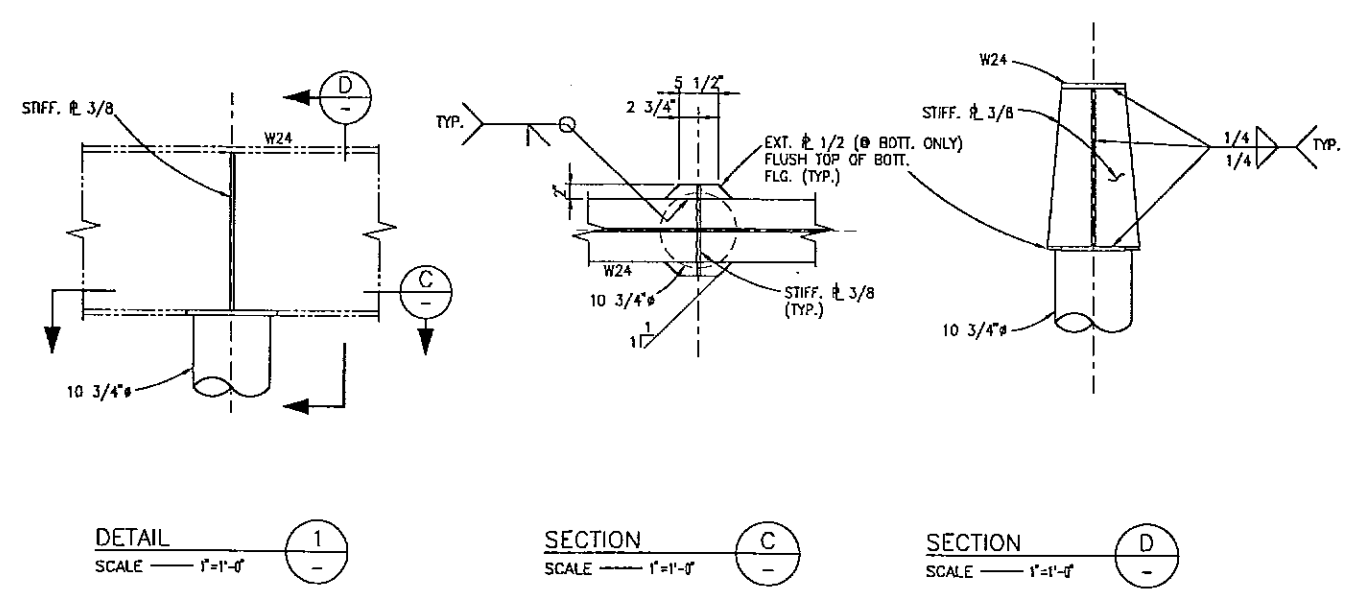
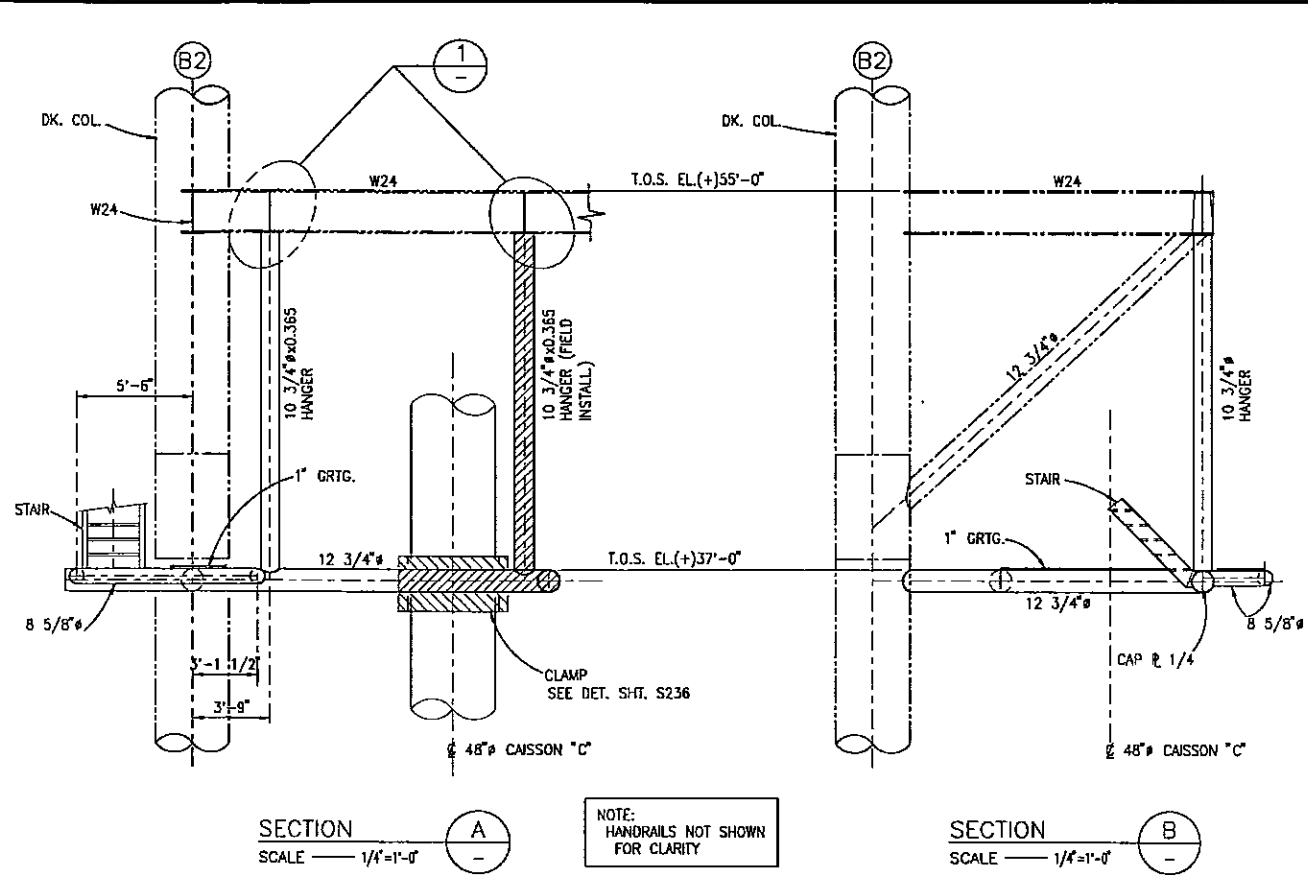
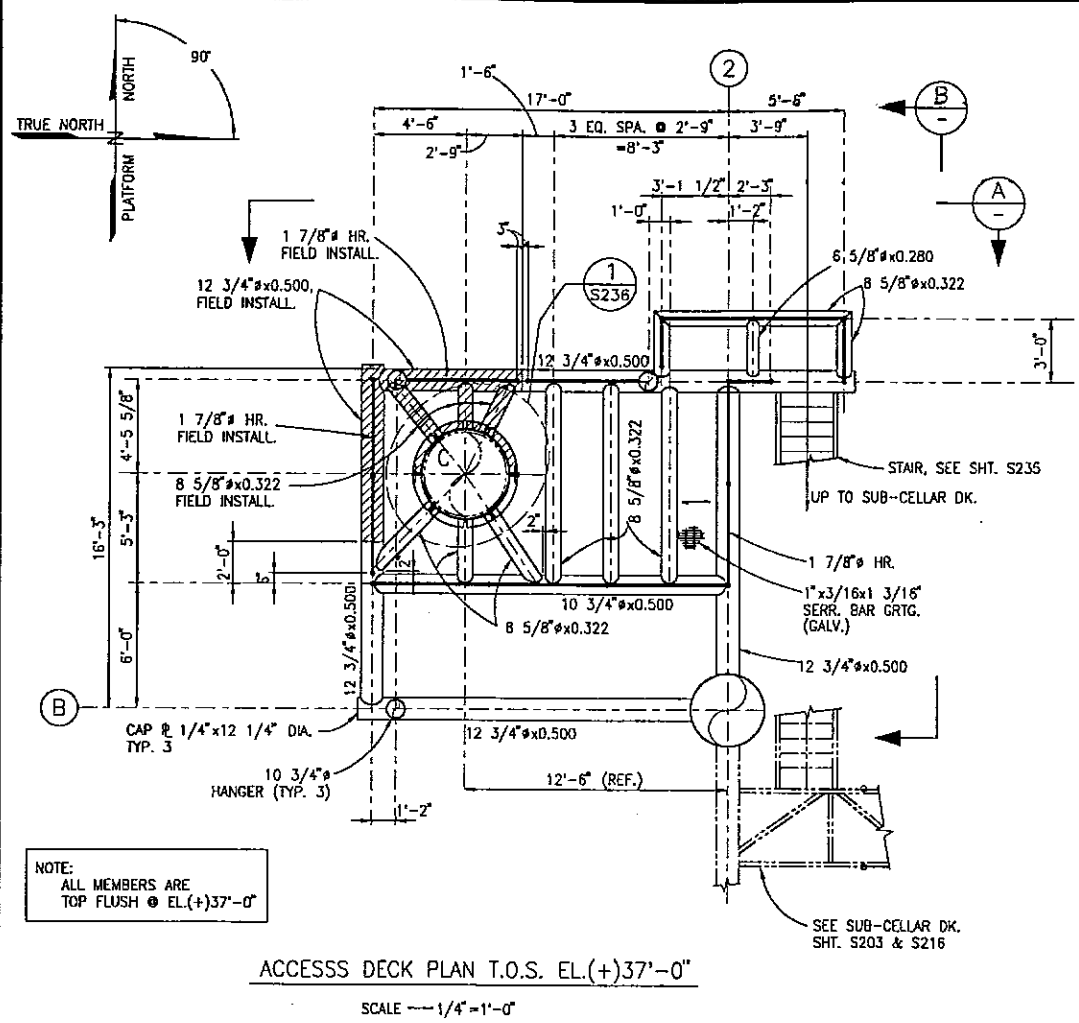
NO.	BY	REVISION	DATE	CHKD.	APPRD.
D	KN	APPROVED FOR CONSTRUCTION	3/21/97	JNS	

PETRO-MARINE ENGINEERING, INC.
Consultants in Energy
HOUSTON, TEXAS

ENRON
Oil & Gas Company


4-PILE PRODUCTION PLATFORM
EUGENE ISLAND BLOCK 135 "A" 68 FT. W.D.
VENT BOOM - SECTIONS
AND DETAILS (SHEET 2 OF 2)


SCALE:	NOTED	DATE
DESIGNED BY:		
DRAWN BY:	KN	2/97
CHECKED BY:		
APPROVED BY:		
PROJECT NO.	2208H01	REV.
SHEET NO.	S233	△



- NOTES:
1. SEE NOTES SHT. S201.
 2. FABRICATOR TO TEST FIT AND MARK HANDRAIL PANELS FOR FIELD INSTALLATION.
 3. FABRICATOR TO BIND HANDRAILS TOGETHER PRIOR TO LOADOUT FOR TRANSPORTATION.
 4. FABRICATOR TO TEST FIT THE FIELD INSTALL SECTION AT YARD BEFORE TRANSPORTATION.

NO.	BY	REVISION	DATE	CHK'D.	APP'VD.
0	KN	ISSUED FOR CONSTRUCTION	4/24/97	JNS	GLR

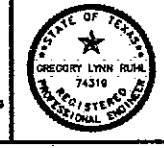

PETRO-MARINE ENGINEERING, INC.
 Consultants in Energy
 HOUSTON, TEXAS

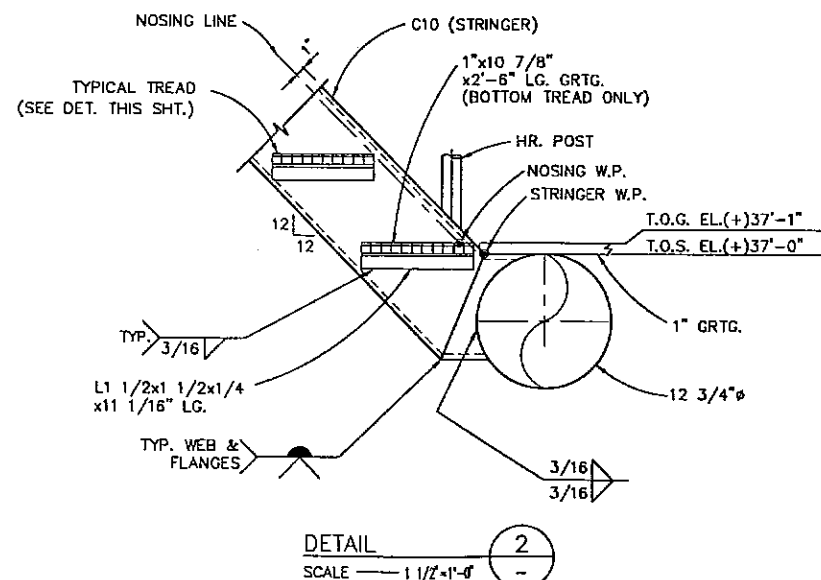
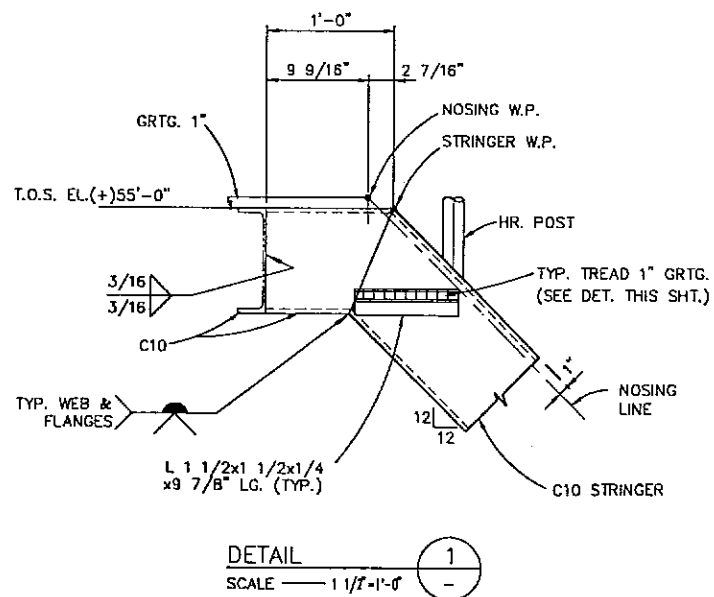
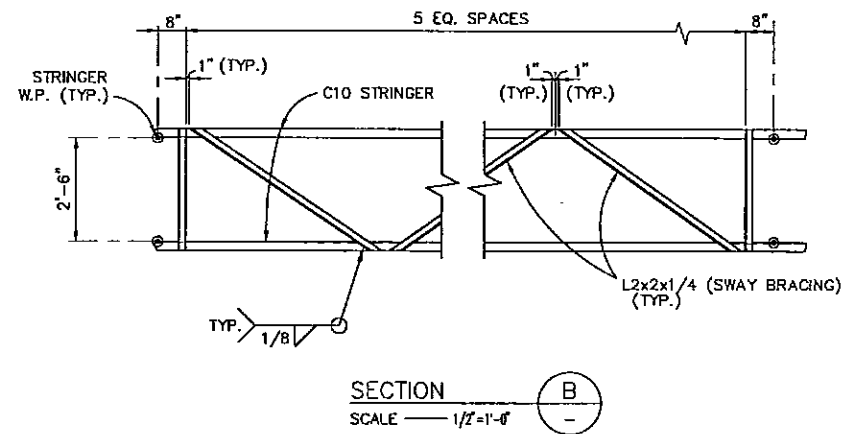
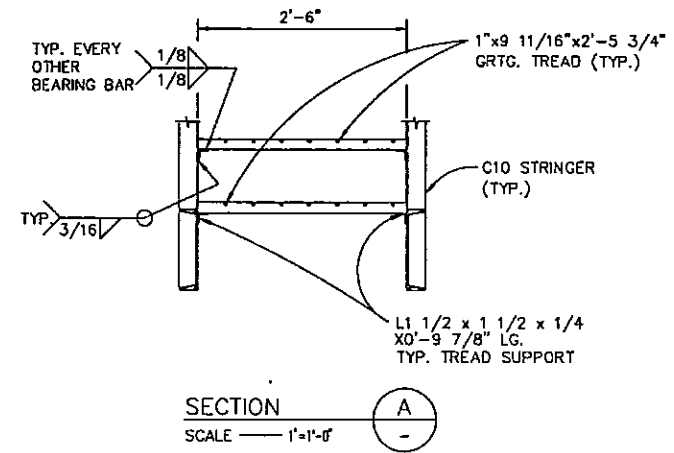
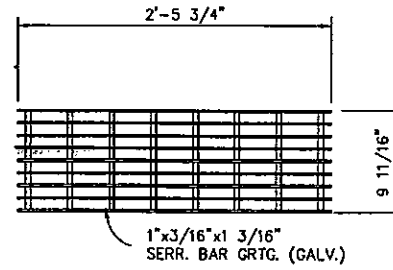
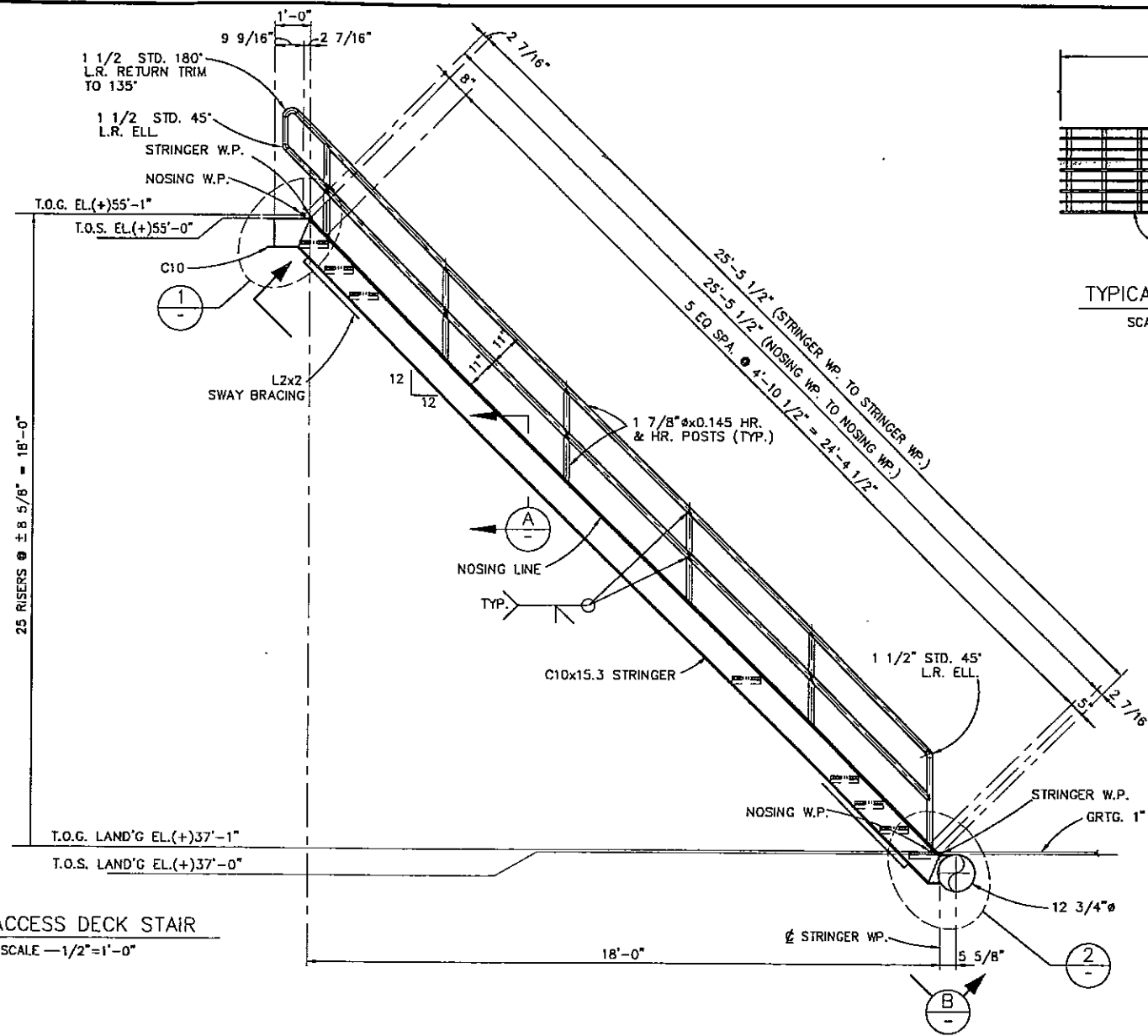

ENRON
 Oil & Gas Company
 4-PILE PRODUCTION PLATFORM
 EUGENE ISLAND BLOCK 135 "A" 68 FT. W.D.

ACCESS DECK PLAN AT EL.(+)37'-0"

SCALE:	NOTED	DATE
DESIGNED BY:	PMET	
DRAWN BY:	KN	4/97
CHECKED BY:	J. SHAH	4/24/97
APPROVED BY:	G. RUHL	4/24/97
PROJECT NO.	220BH01	REV.
SHEET NO.	S234	△

The seal appearing on this document was authorized by
 GREGORY LYNN RUHL, P.E. Reg. #74318
 on April 24, 1997





NOTES:
1. FOR GENERAL NOTES SEE SHEET 201.

0	KN	APPROVED FOR CONSTRUCTION	4/24/97	JNS	GLR
NO.	BY	REVISION	DATE	CHKD.	APPVD.

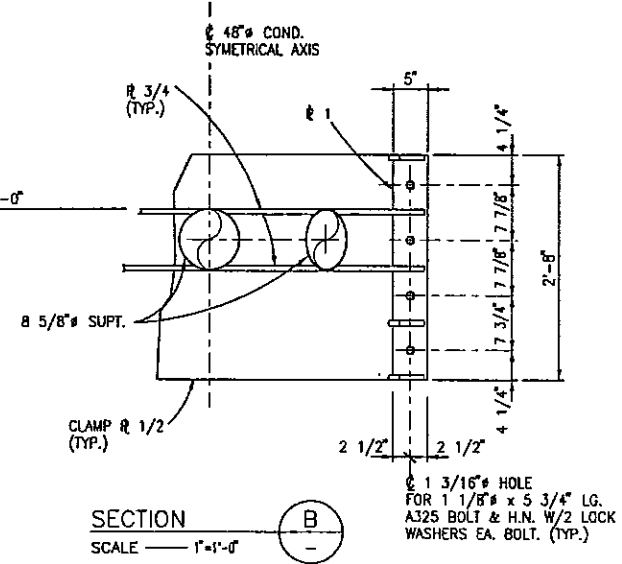
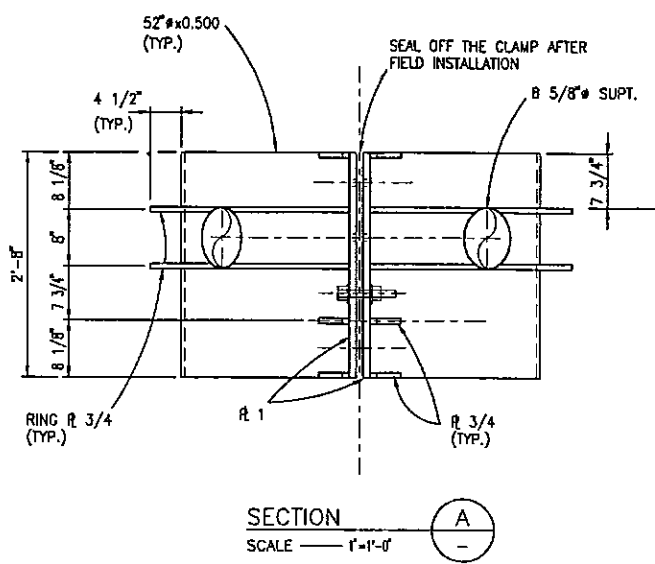
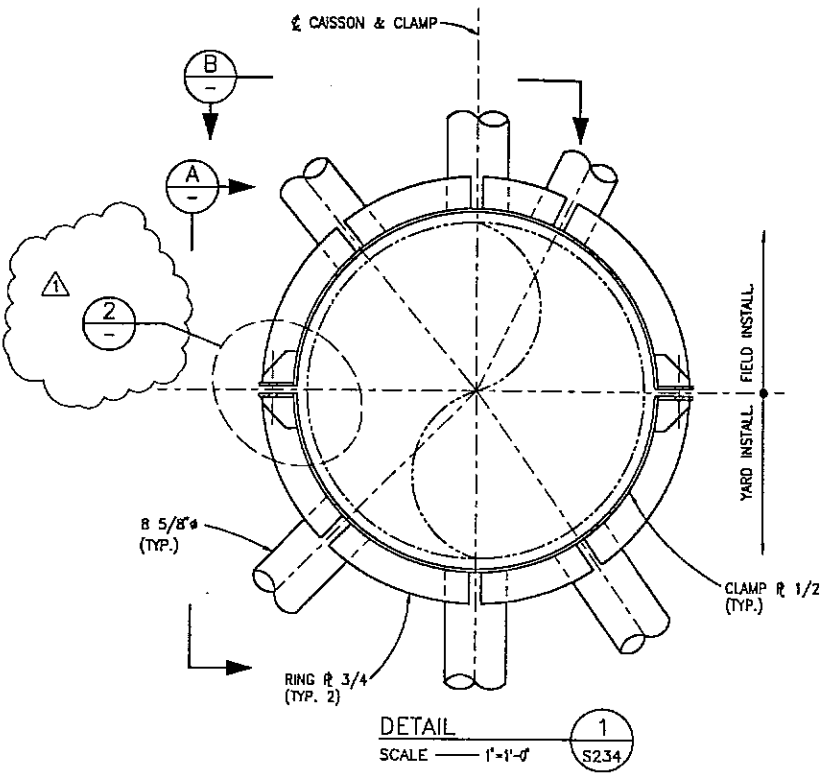
PETRO-MARINE ENGINEERING, INC.
Consultants in Energy
HOUSTON, TEXAS

ENRON
Oil & Gas Company

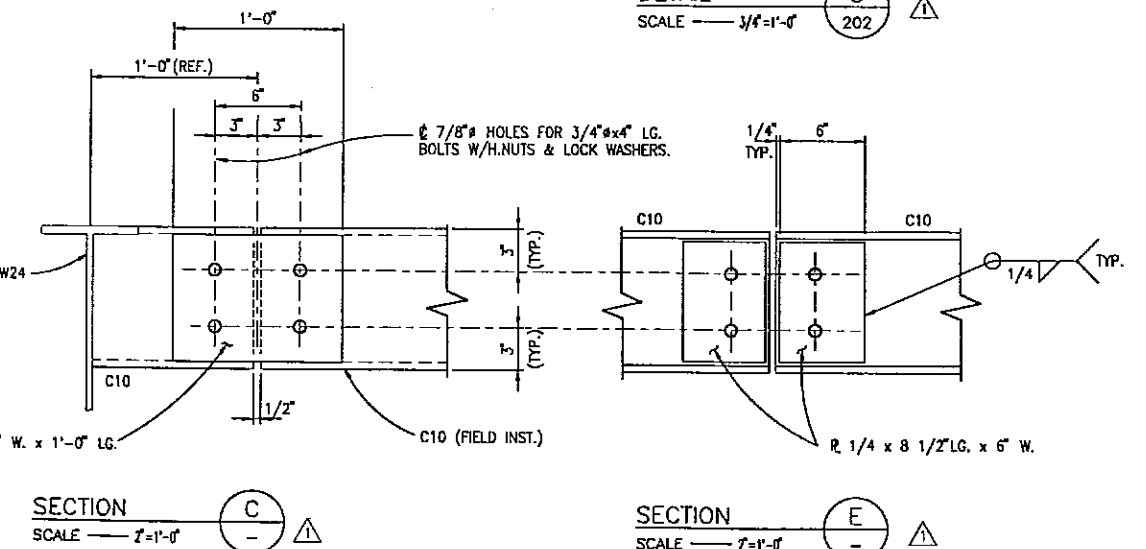
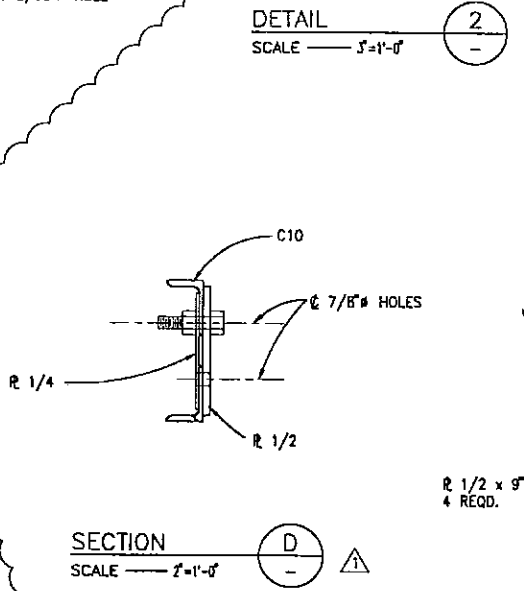
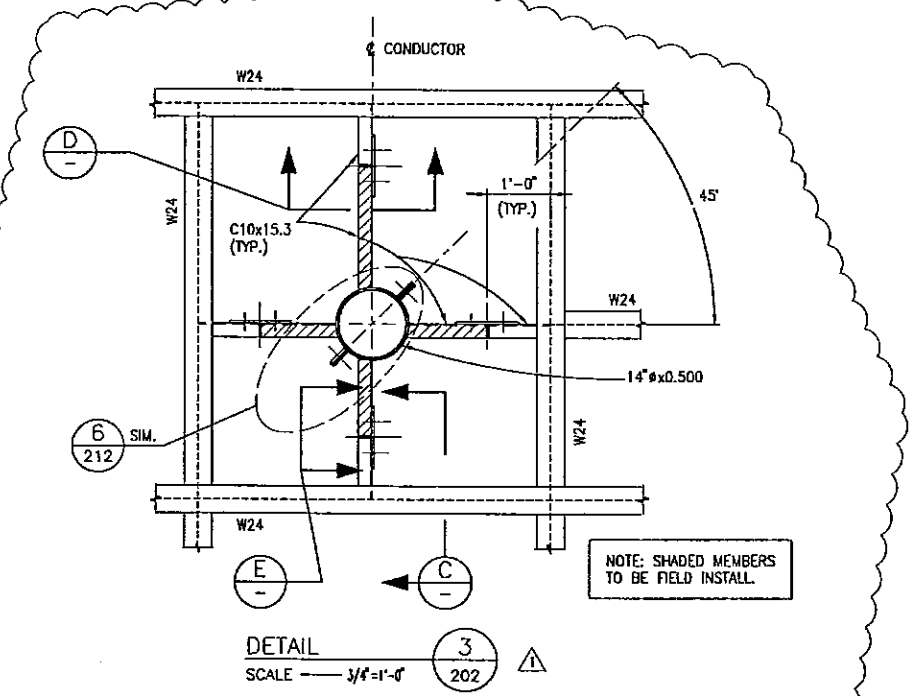
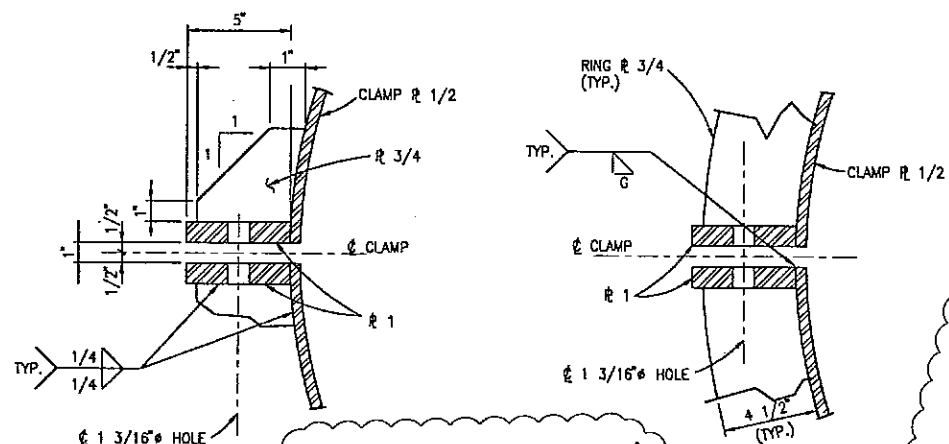
4-PILE PRODUCTION PLATFORM
EUGENE ISLAND BLOCK 135 "A" 68 FT. W.D.
ACCESS DECK STAIR

SCALE:	NOTED	DATE
DESIGNED BY:	PMET	
DRAWN BY:	KN	4/97
CHECKED BY:	J. SHAH	4/24/97
APPROVED BY:	G. RUHL	4/24/97
PROJECT NO.	2208H01	REV.
SHEET NO.	S235	Δ

The seal appearing on this document was authorized by
GREGORY LYNN RUHL, P.E. Reg. #74318
on April 24, 1997



DETAIL 1
SCALE 1"=1'-0"



NOTES:
1. SEE NOTES SH. S201.
2. FABRICATOR TO TEST FIT THE FIELD INSTALL SECTION AT YARD BEFORE TRANSPORTATION.

NO.	BY	REVISION	DATE	CHKD.	APPD.
1	KN	ADDED DET. 3, SECT. C,D,E.	8/30/97	JNS	
D	KN	ISSUED FOR CONSTRUCTION	4/24/97	JNS	CLR

PETRO-MARINE ENGINEERING, INC.
Consultants in Energy
HOUSTON, TEXAS

ENRON
Oil & Gas Company

4-PILE PRODUCTION PLATFORM
EUGENE ISLAND BLOCK 135 "A" 68 FT. W.D.

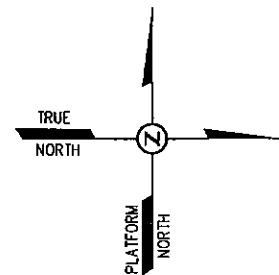
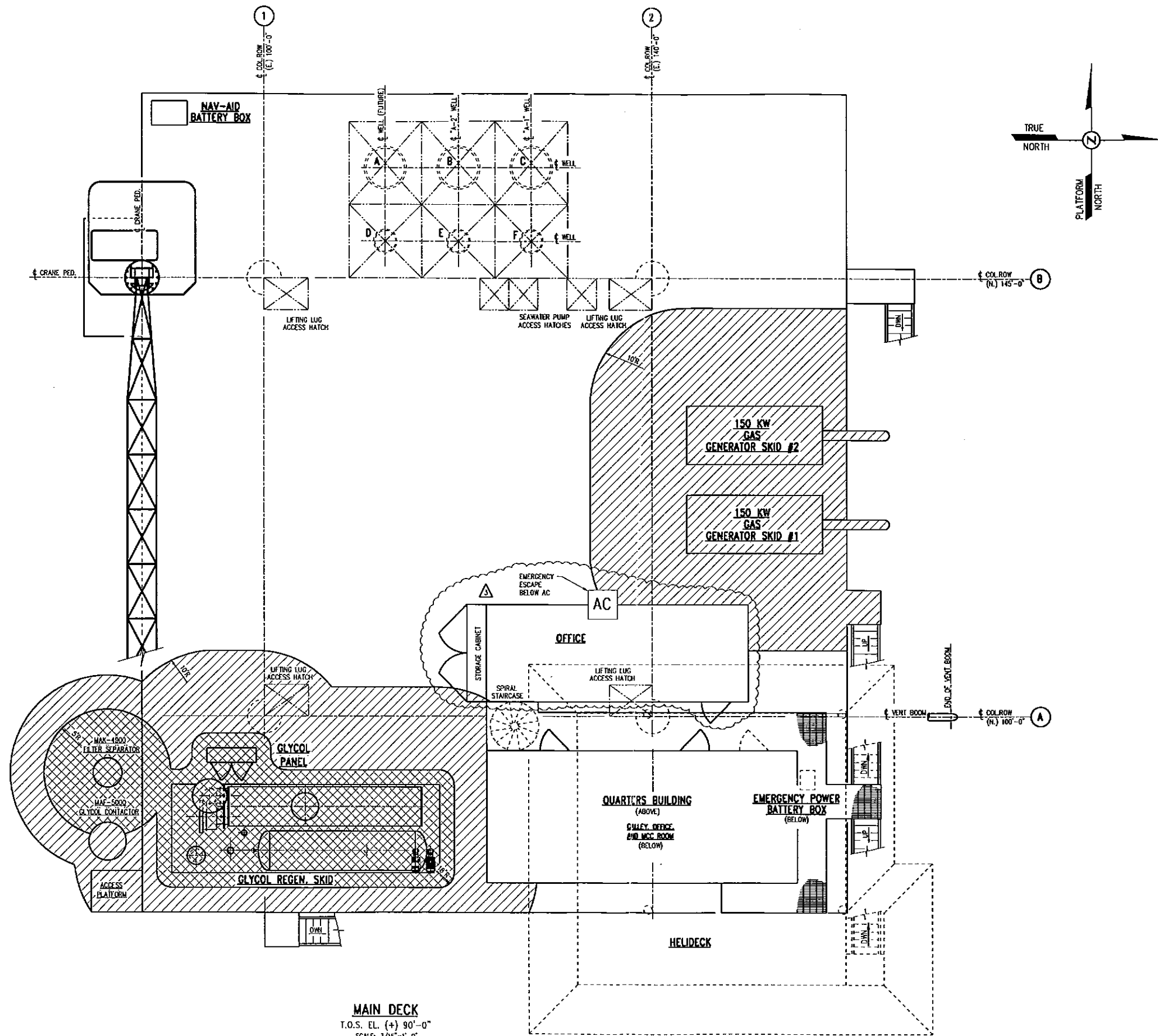
CLAMP DETAIL
(AT EL. (+)37'-0")

SCALE:	NOTED	DATE
DESIGNED BY:	PMET	
DRAWN BY:	KN	4/97
CHECKED BY:	J. SHAH	4/24/97
APPROVED BY:	G. RUHL	4/24/97
PROJECT NO.	2208HOI	REV.
SHEET NO.	S236	▲

The seal appearing on this document was authorized by
GREGORY LYNN RUHL, P.E. Reg. #74319
on April 24, 1997



11/17/100 U:\Drafting\Clients\ENRON\EI 135-A\AreaClass\3259-907r3.dwg



AREA CLASSIFICATION	
	CLASS 1 DIVISION 1
	CLASS 1 DIVISION 2

MAIN DECK
T.O.S. EL. (+) 90'-0"
SCALE: 3/16"=1'-0"

SUPPLEMENTAL NOTATION	NO.	DATE	REVISIONS	BY	CHK	APP	NO.	DATE	REVISIONS	BY	CHK	APP
	A	3/97	"PRELIMINARY"									
	0	4/97	ISSUED FOR CONSTRUCTION									
	1	5/97	ISSUED FOR PERMITTING									
	2	6/97	"AS BUILT"									
	3	11/10	ADDED OFFICE & STORAGE	JT								

og resources HOUSTON, TEXAS

PREPARED BY **A. F. INDUSTRIES** DESCRIPTION: **AREA CLASSIFICATIONS MAIN DECK**

P.O. BOX 91131 LAFAYETTE LA. 70509

EUGENE ISLAND BLK. 135 "A"

P.O. NO.	3259	ENGR.	W. DOZIE	DWG. NO.	AFI
APPROVED BY	DATE	CHK. BY	FEL	DATE	06-26-97