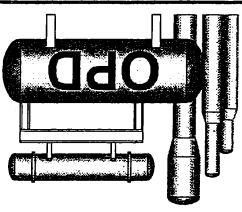


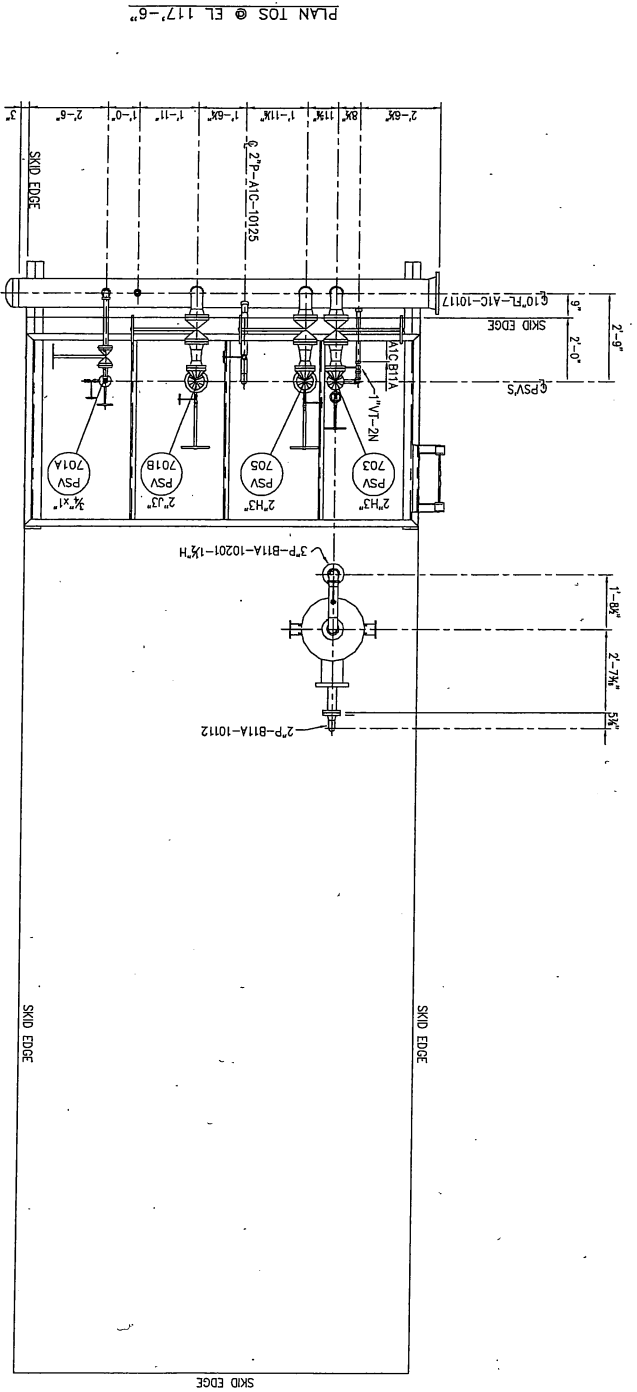
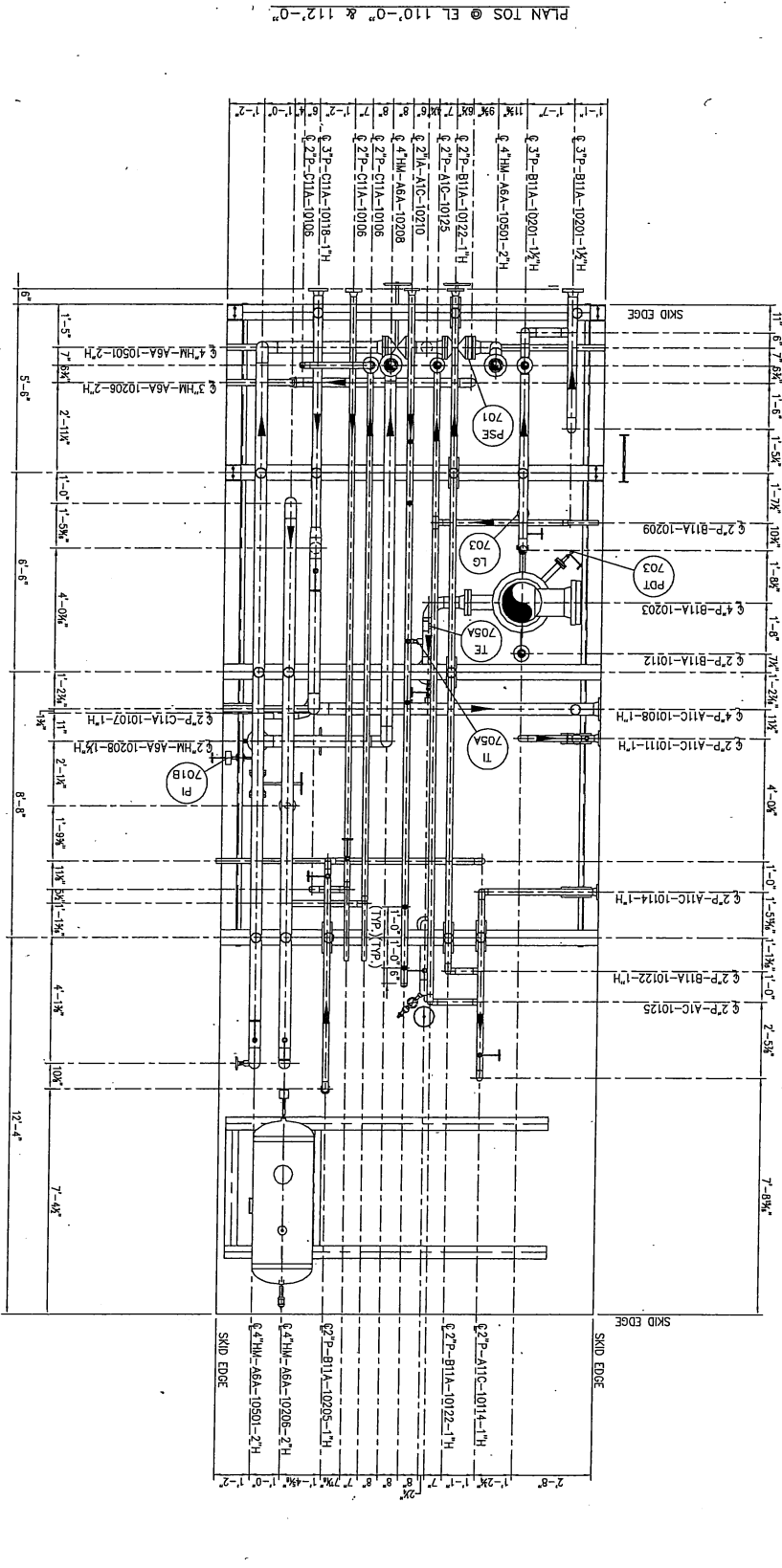
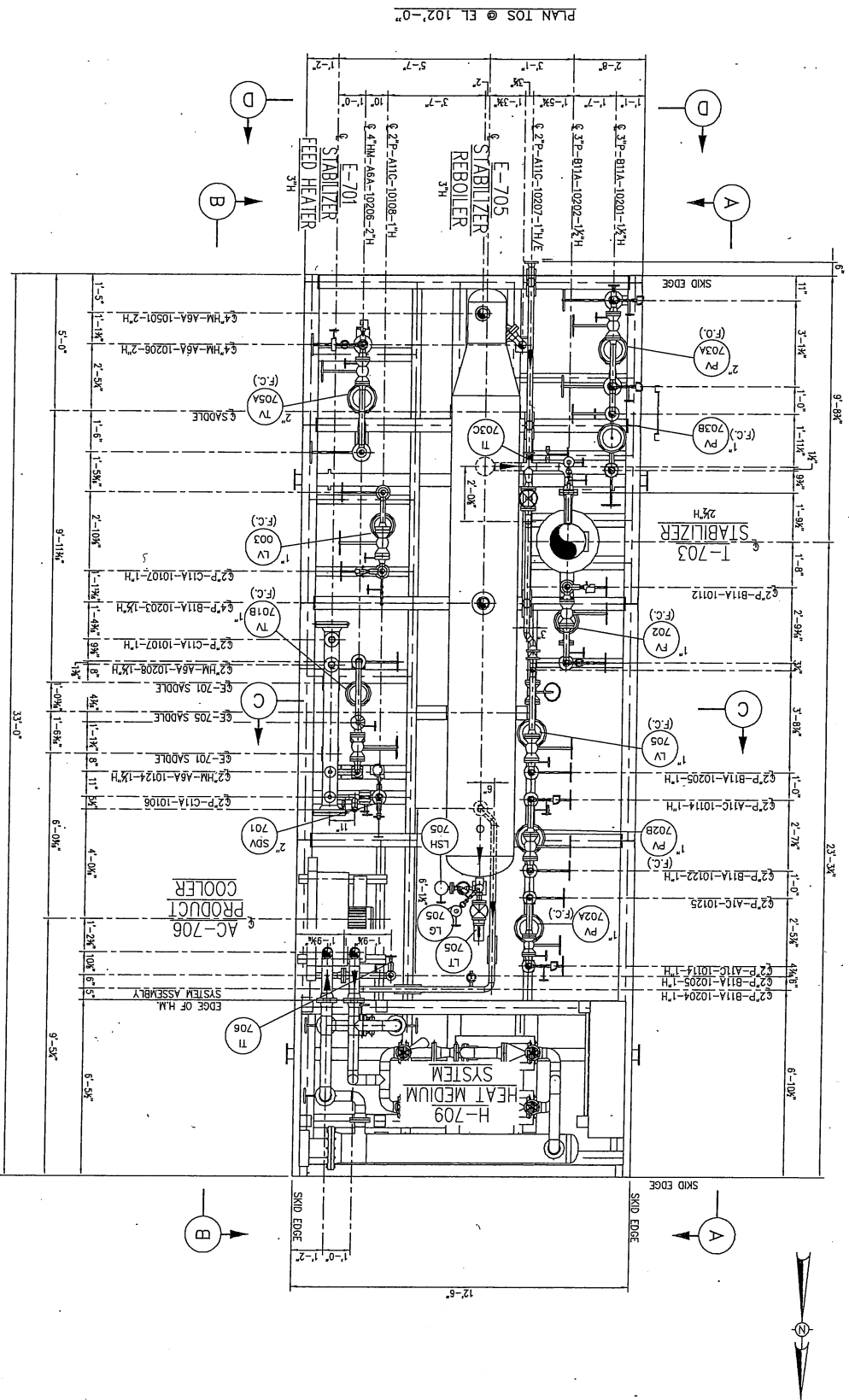
- LEGEND
- (1) ○ DENOTES 4" HIGH HOT SHOE
 - (2) □ DENOTES 4" HIGH COLD SHOE
 - (3) ● DENOTES 1/4" THK. PVC CUSHION
 - (4) || DENOTES PIPE GUIDE
 - (5) × DENOTES PIPE ANCHOR
 - (6) — DENOTES PIPE RESTRAINTS

WK	DATE	ISSUED FOR CONSTRUCTION	REVISIONS				BY	CK	APP	WKF	KS	GL	NUMBER	REFERENCE DRAWINGS
0	06/30/10													



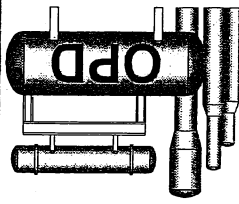
LONGVIEW
PH. 281-371-7500
ENBRIDGE PIPELINES
WWW.OPD-INC.COM
KATY, TEXAS
ENGINEERS AND CONSTRUCTORS
OPTIMIZED PROCESS DESIGNS

DES: JMF
CHK: KS
APP: GL
DATE: 06-07-10
FILE: 09051-P-301
SCALE: 3/8"=1'
JOB No. 09051
DWG. No. 09051-P-301
REV. 0
CAMP COUNTY
PITTSBURG GAS PLANT
STABILIZER SKID
PIPING PLAN
TEXAS



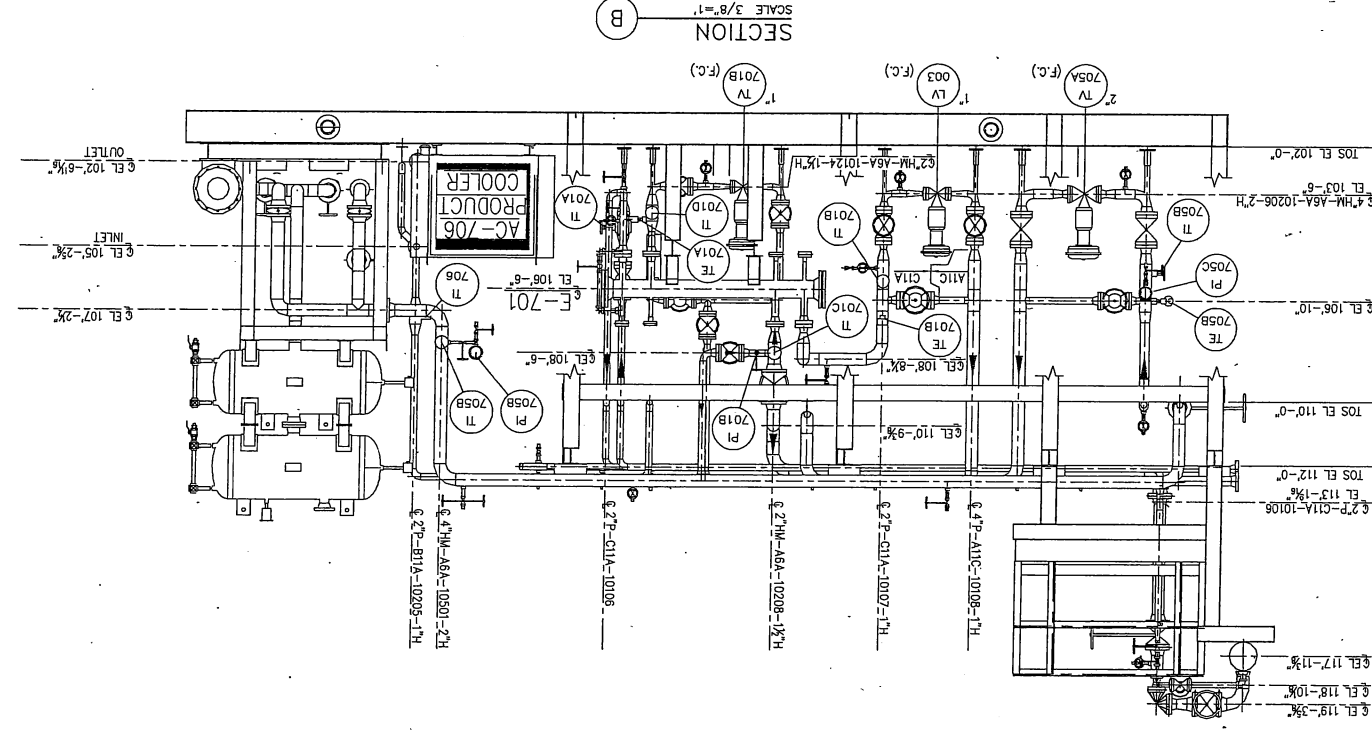
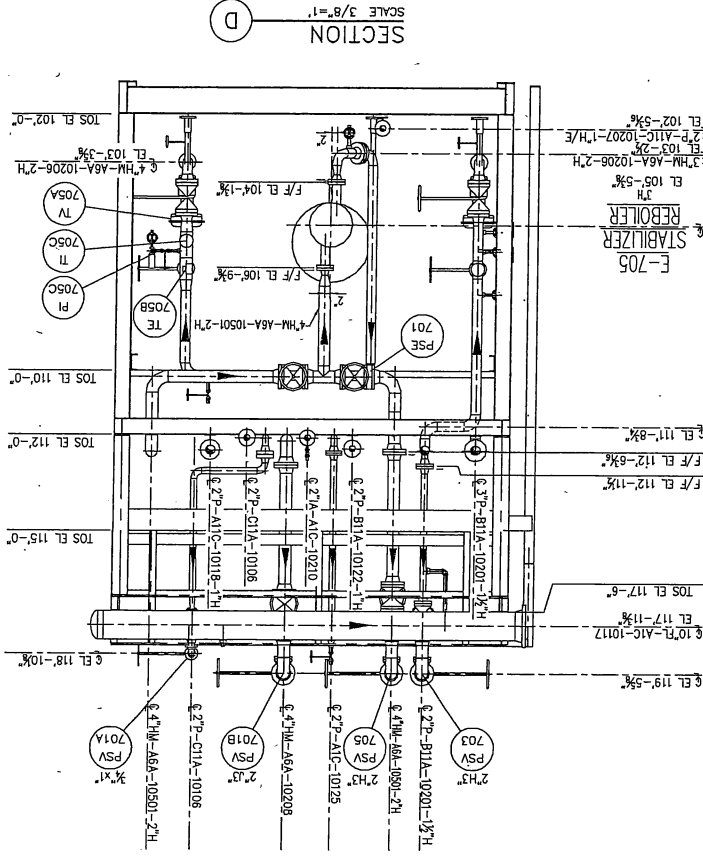
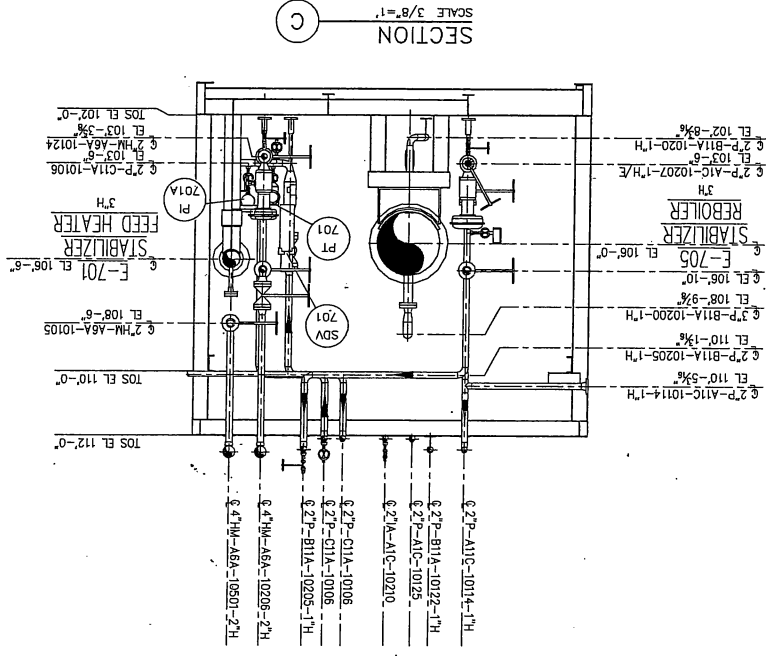
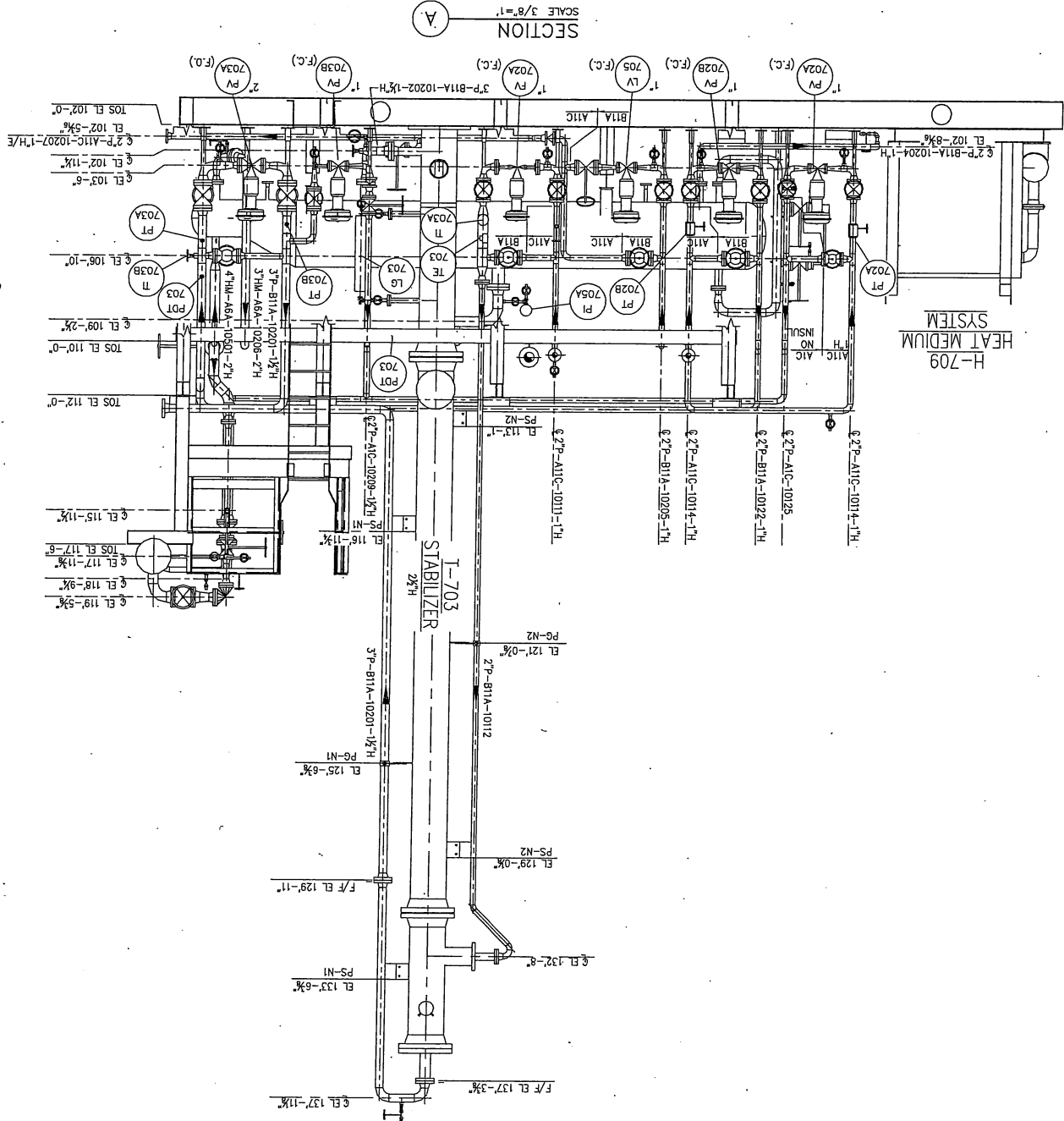
- LEGEND
- (1) ○ DENOTES 4" HIGH HOT SHOE
 - (2) □ DENOTES 4" THK. PVC CUSHION
 - (3) ● DENOTES 1/4" THK. PVC CUSHION
 - (4) || DENOTES PIPE GUIDE
 - (5) × DENOTES PIPE ANCHOR
 - (6) — DENOTES PIPE RESTRAINTS

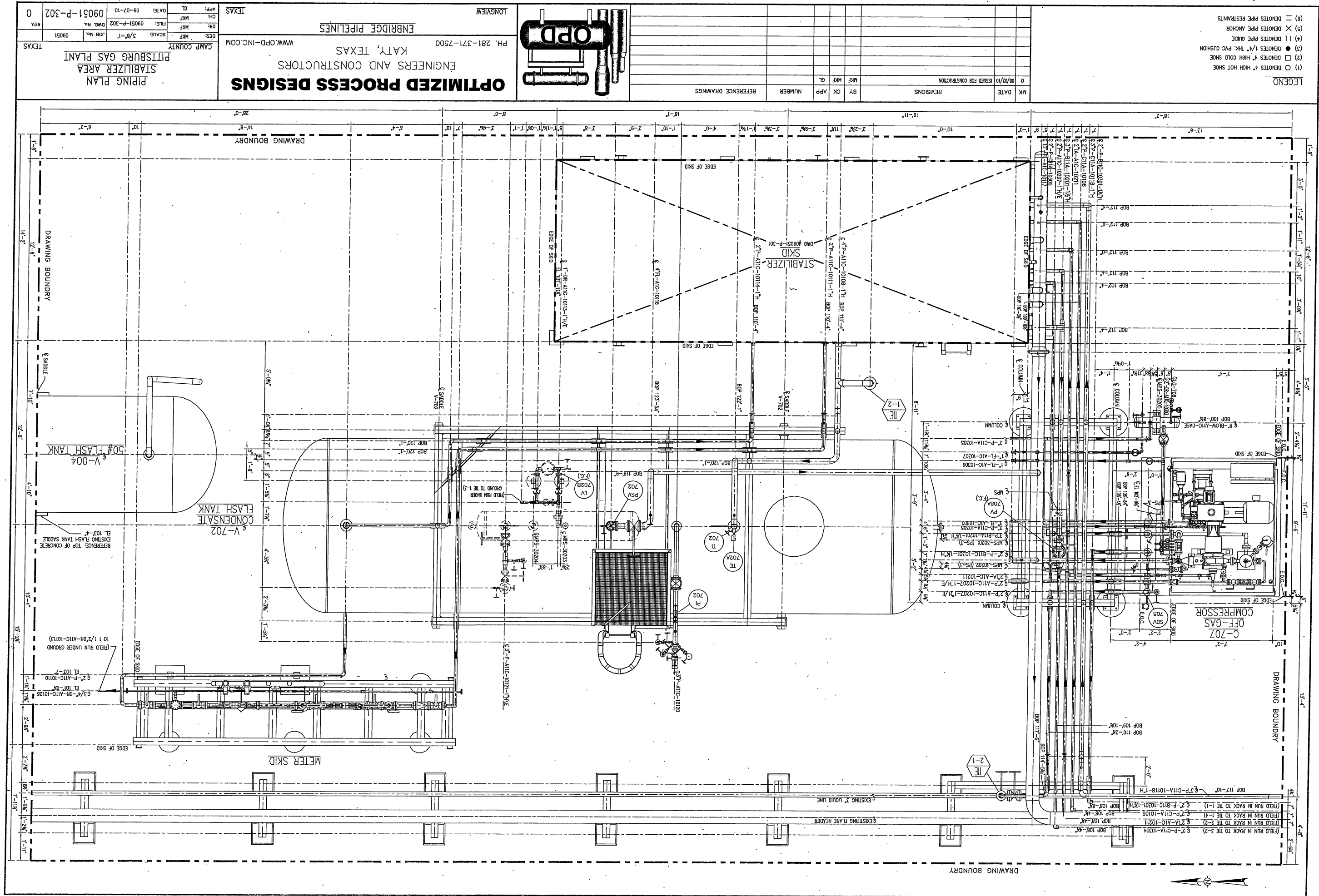
DATE	REVISIONS	BY	CK	APP	NUMBER	REFERENCE DRAWINGS
06/20/10	ISSUED FOR CONSTRUCTION					



OPTIMIZED PROCESS DESIGNS
ENGINEERS AND CONSTRUCTORS
KATY, TEXAS
PH. 281-371-7500
WWW.OPD-INC.COM

TEXAS
CAMP COUNTY
PITTSBURG GAS PLANT
STABILIZER SKID
PIPING SECTIONS
JOB No. 09051
DWG. No. 09051-P-301A
REV. 0



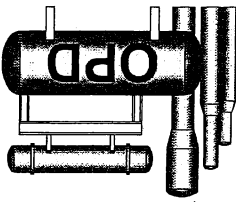


(1) ○ DENOTES 4" HIGH HOT SHOE
(2) □ DENOTES 4" HIGH COLD SHOE
(3) ● DENOTES 1/4" THK. PVC CUSHION
(4) | DENOTES PIPE GUIDE
(5) × DENOTES PIPE ANCHOR
(6) = DENOTES PIPE RESTRAINTS

LEGEND

0	08/02/10	ISSUED FOR CONSTRUCTION
RE	DATE	

MK	DATE	REVISIONS	BY	CK	APP	NUMBER	REFERENCE DRAWINGS	
0	08/02/10	ISSUED FOR CONSTRUCTION			MKF	MKF	GL	



OPTIMIZED PROCESS DESIGNS

ENGINEERS AND CONSTRUCTORS
KATY, TEXAS
PH. 281-371-7500
WWW.OPD-INC.COM
ENBRIDGE PIPELINES
LONGVIEW, TEXAS

DES:	NAME	SCALE	3/8"=1'	JOB NO.	09051
DIC:	NAME	FILE:	09051-P-302	DWG. NO.	
CHK:	NAME	DATE:	06-07-10		
APP:	NAME				

09051-P-302

TEXAS

CAMP COUNTY

PITTSBURG GAS PLANT

STABILIZER AREA

DES:	NAME	SCALE	3/8"=1'	JOB NO.	09051
DIC:	NAME	FILE:	09051-P-302	DWG. NO.	
CHK:	NAME	DATE:	06-07-10		
APP:	NAME				

09051-P-302

TEXAS

CAMP COUNTY

PITTSBURG GAS PLANT

STABILIZER AREA

REINFORCING BAR SCHEDULE

MARK	NO.	SIZE	LENGTH	TYPE	A	B	C	D	E	LIN. FT.
TYPE 1	TYPE 2	TYPE 3	TYPE 4	TYPE 5						
401	40	#4	14'-0"	1	6'-3"	3'	1'-6"	1'-0"		560'
402	28	#4	10'-8"	STR						299
403	26	#4	11'-0"	STR						286
501	22	#5	8'-10"	4	0'-9"	3'-2"	0'-9"	3'-2"	0'-6"	195
502	16	#5	8'-8"	STR						139
601	24	#6	4'-4"	2	3'-4"	1'-0"				104
701	52	#7	9'-1"	2	7'-11"	1'-2"				473
702	28	#7	10'-8"	STR						299
703	26	#7	11'-0"	STR						286

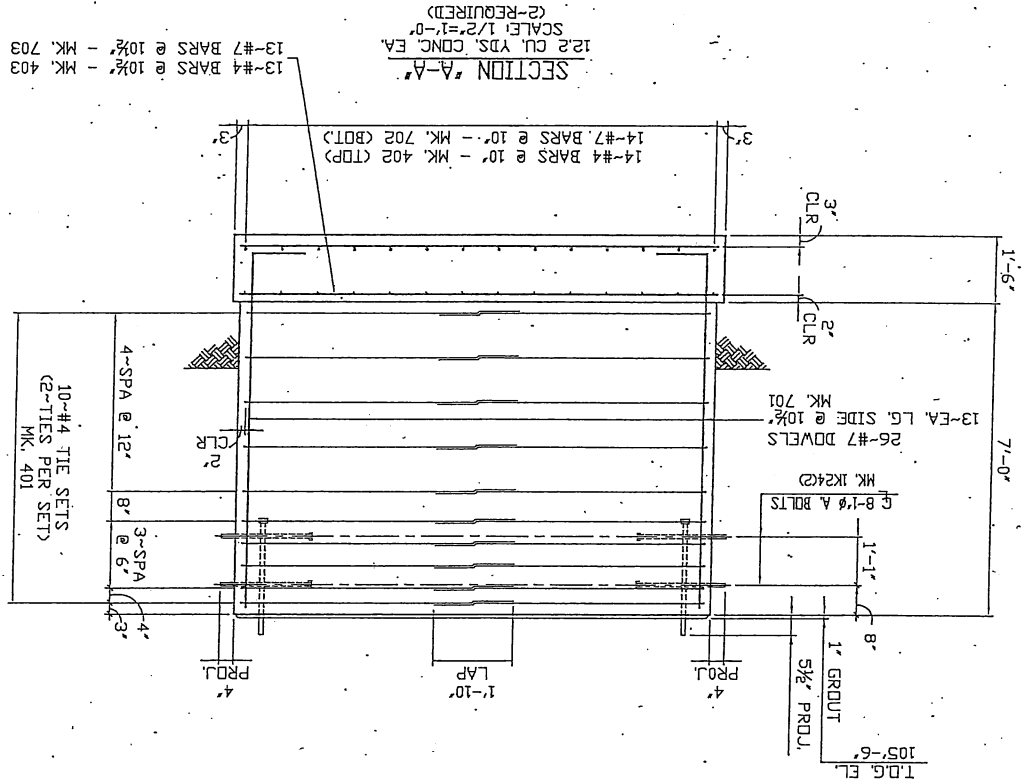
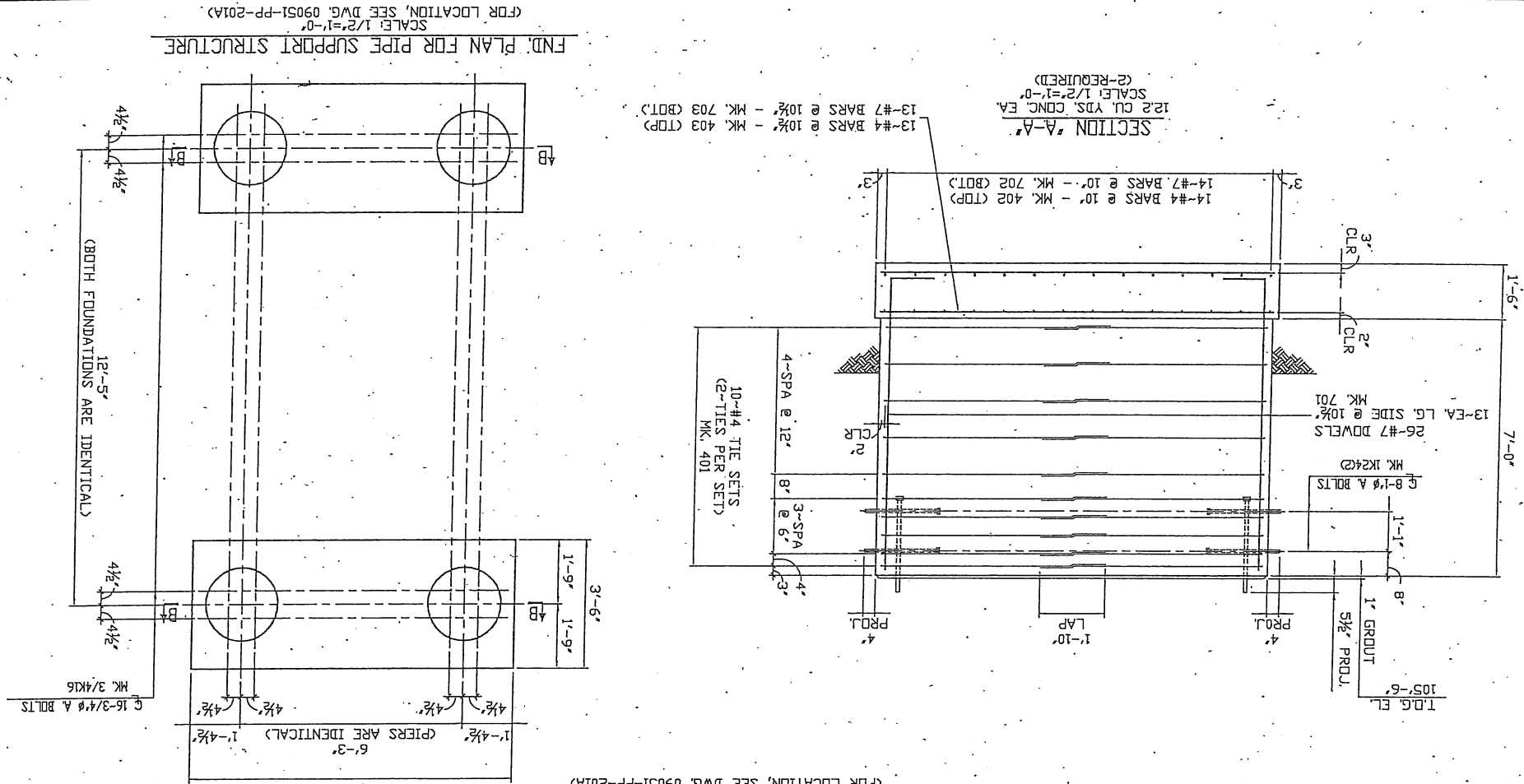
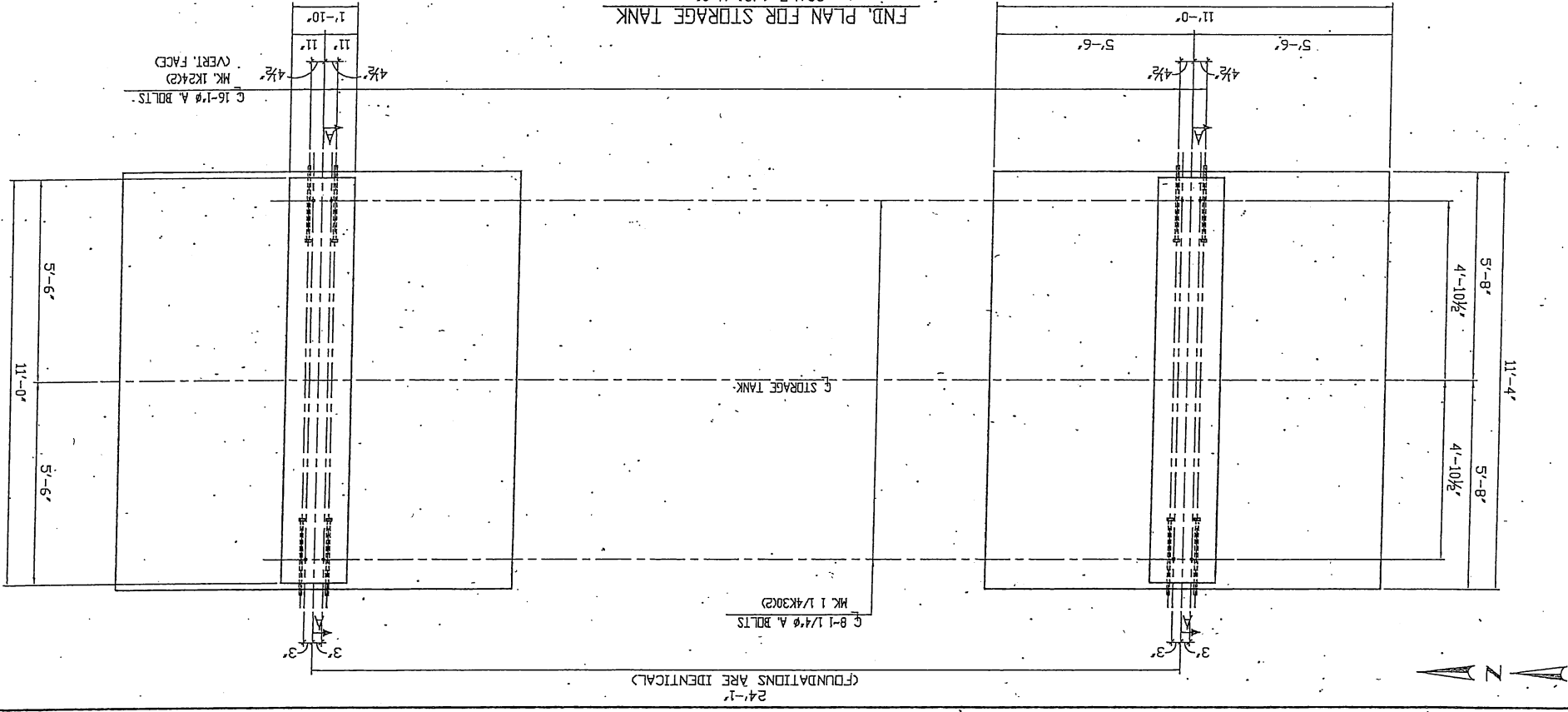
PREFIX ALL MARK NUMBERS W/ '09051-F-502'

LIST OF MATERIAL

- 114 L.F. #3 REBAR GR. 60
- 1145 L.F. #4 REBAR GR. 60
- 334 L.F. #5 REBAR GR. 60
- 104 L.F. #6 REBAR GR. 60
- 1058 L.F. #7 REBAR GR. 60
- 284 CU. YD. 3000 P.S.I. CONCRETE
- 16 3/4" A. BOLTS MK. 3/4K16 GALV.
- 16 1" A. BOLTS MK. 1K24(2) GALV.
- 8 1 1/4" A. BOLTS MK. 1 1/4K30(2) GALV.
- 110 L.F. 24" SONDUTUBE

APPROVED FOR CONSTRUCTION
JUL 16 2010

NOTE:
FOR ELECTRICAL GROUNDING,
SEE DETAIL #15
DWG. 10293-E4-0303



FND. PLAN FOR PIPE SUPPORT STRUCTURE
SCALE: 1/2"=1'-0"
(FOR LOCATION, SEE DWG. 09051-PP-201A)

LONGVIEW

PH. 281-371-7500

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ENGINEERS AND CONSTRUCTORS

KATY, TEXAS

FOUNDATIONS FOR STORAGE TANK
& PIPE SUPPORT STRUCTURE

PITTSBURG GAS PLANT

CAMP COUNTY, TEXAS

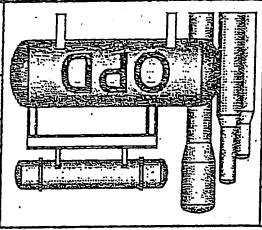
DES. SAT SCALE 1/2"=1'-0"

DWG. No. 09051

REV. 0

09051-F-502

0



REVISIONS	BY	CK	APP	NUMBER
0	07/15/10	ISSUED FOR CONSTRUCTION		

DATE	07/15/70				
FILE	09051-F-503	DIR.	No.		
SCALE	1/2"-1"	JOB NO.	8501		
DESC.	JVD				
DIC	SLS				
ADJ					
C#					
APP.	JVD				

CAMP COUNTY,

PITTSBURG GAS PLANT

METER SKID & M.P.S.'S

FOUNDATIONS FOR

1

Architectural drawing showing a foundation and footing. The drawing includes dimensions and labels for various parts.

Top Section (Foundation Plan View):

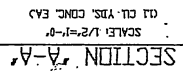
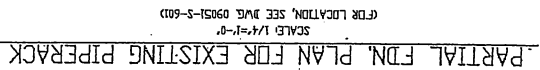
- Overall width: 11'-2 1/2"
- Overall length: 2'-6"
- Overall depth: 8'-8 1/2"
- Labels: SKID END, SKID EDGE, FINIS.

Bottom Section (Foundation Cross-Section):

- Overall width: 2'-0 1/4"
- Overall height: 3"
- Overall depth: 2'-0 1/4"
- Labels: SKID END, SKID EDGE, FINIS.

Section Labels:

- SECTION A-A
- SECTION A-A' D.M.V.



LIST OF MATERIAL

L.F. #4 REBAR GR. 60 1500
CU. YD. 3000 P.S.I. CONCRETE 6.6
AS REQ'D. — 30# FELT PAPER

APPROVED FOR CONSTRUCTION
JUL 29 2010

[illegible]

OPTIMIZED PROCESS DESIGNS, INC.
 KATY, TEXAS

ENBRIDGE PIPELINES

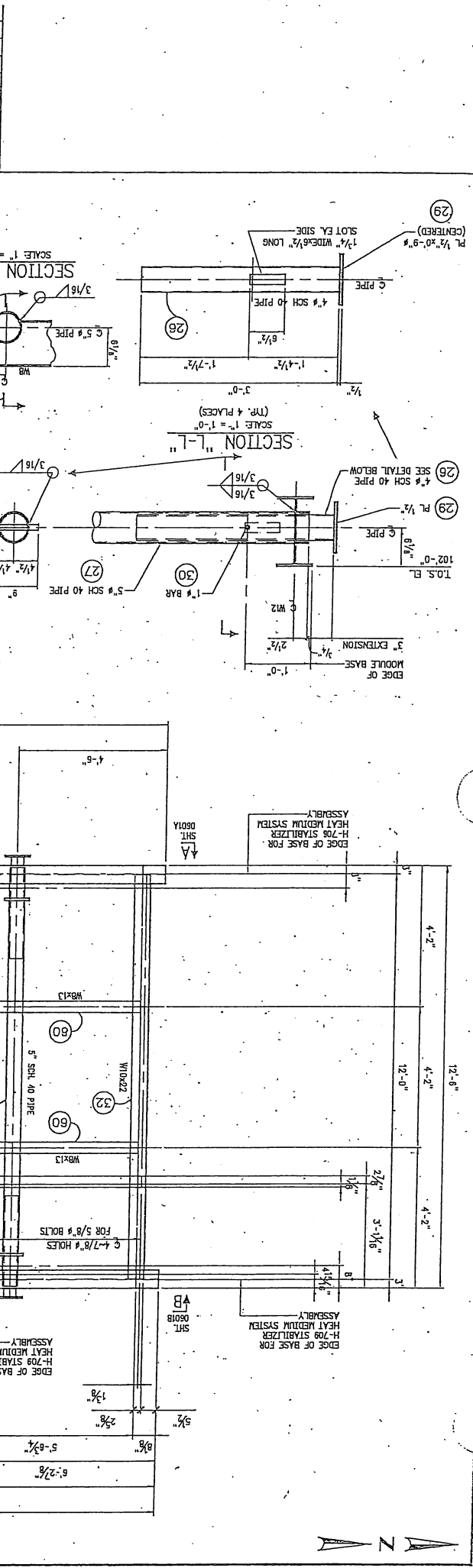
JOB NO. 109051 ITEM NO. SKID #1

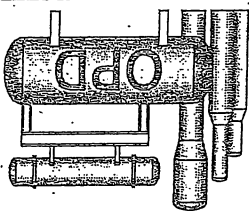
SERVICE: STABILIZER SKID

2'-2" 2'-0" 1'-5 7/8" 2'-0" 4'-9 1/8" 8"

C. L. 10601-1

SECTION "Z-Z"
 TYPICAL WELDED CONNECTION
 UNLESS NOTED
 SCALE: NONE





LONGVIEW
PH. 281-371-7500
ENBRIDGE PIPELINES
KATY, TEXAS
ENGINEERS AND CONSTRUCTORS
WWW.OPD-INC.COM

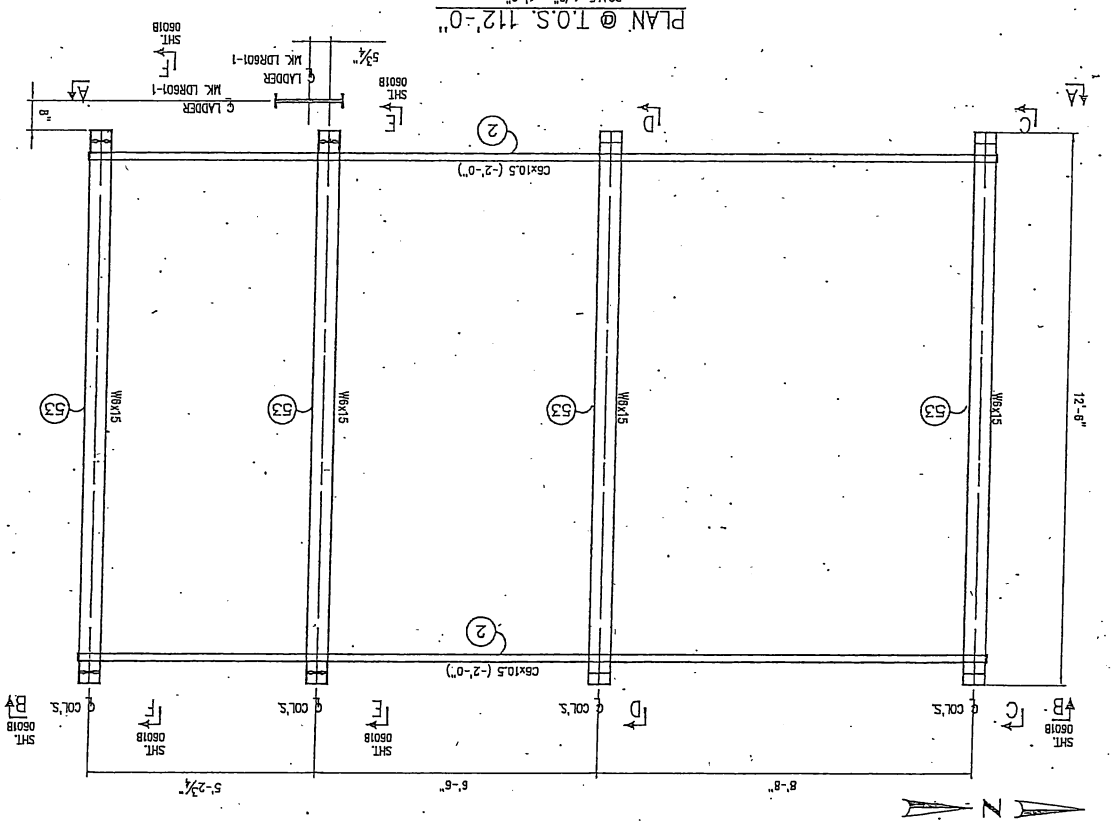
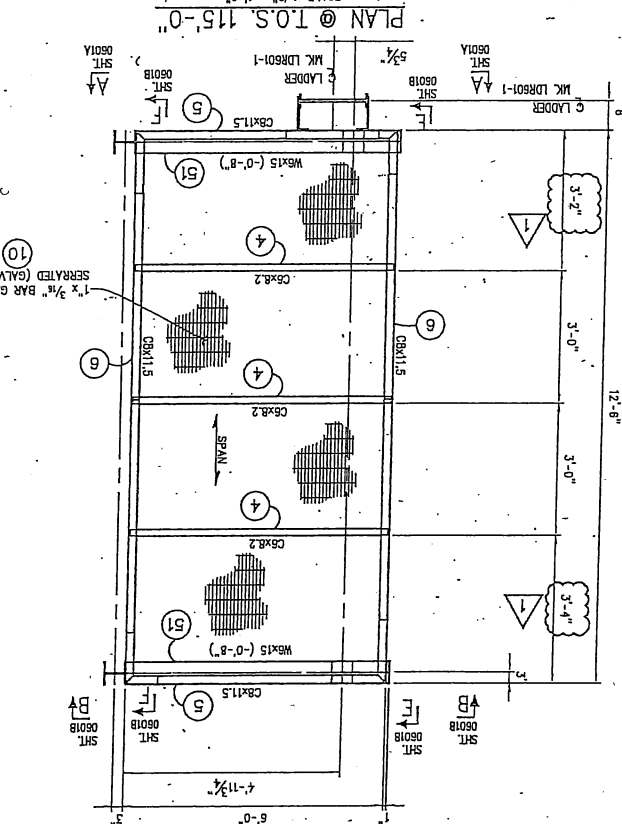
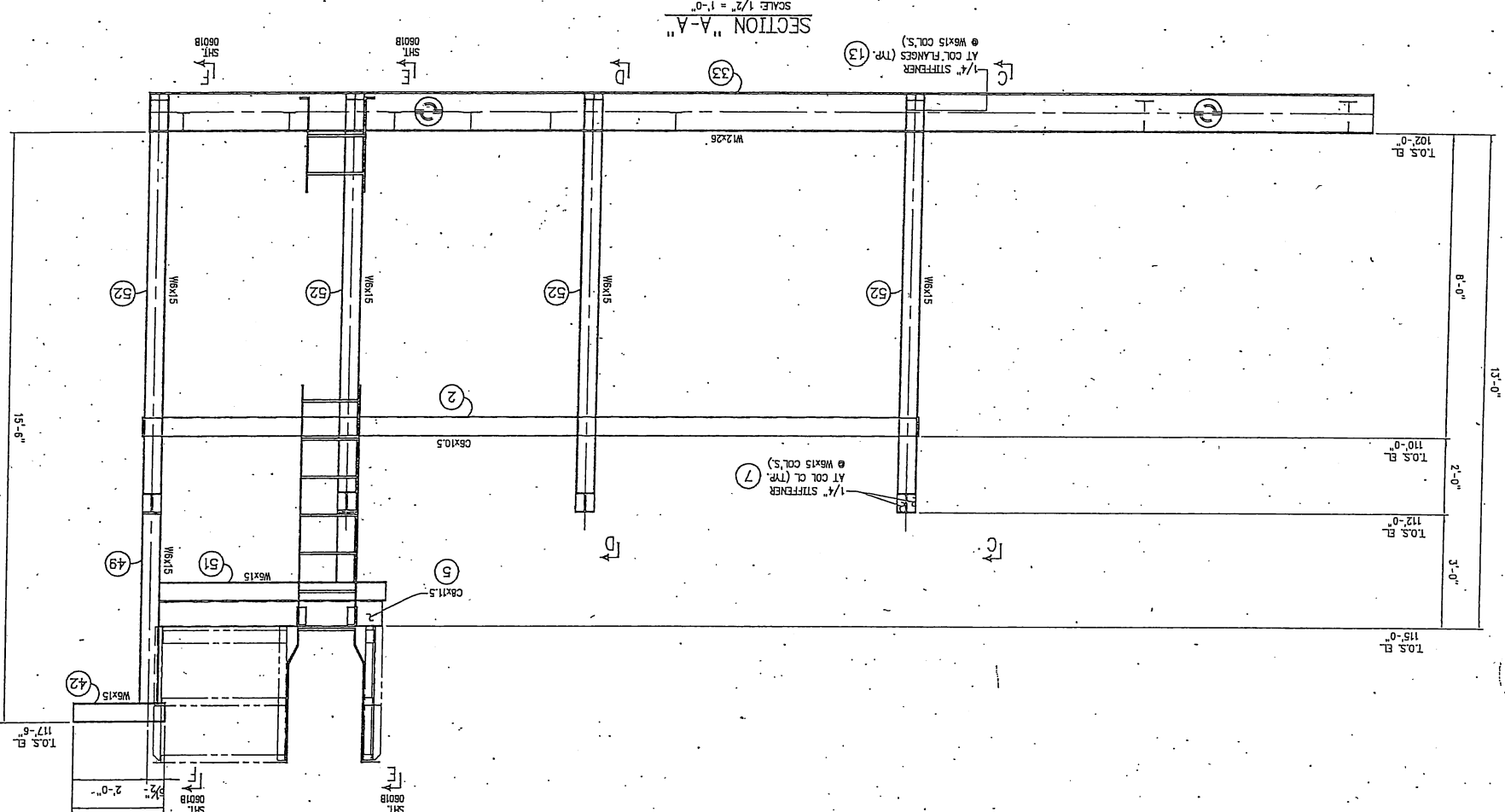
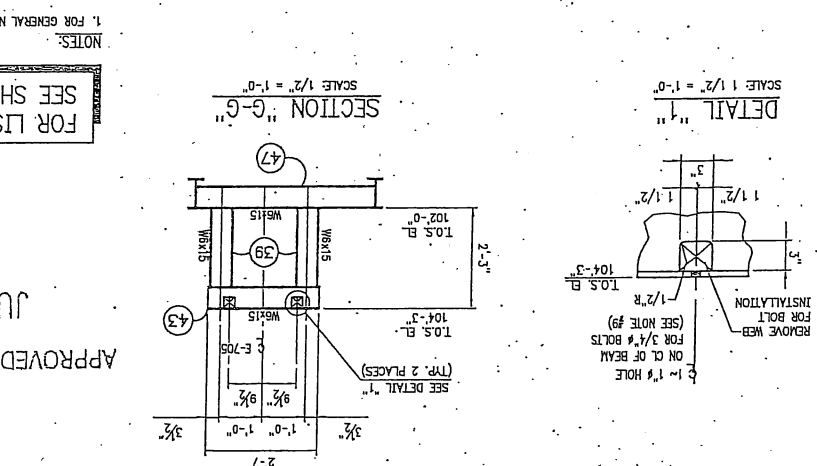
DES: CAMP COUNTY, TEXAS
SCALE: 1/2"=1'-0"
JOB No. 09051
DATE: 6/15/10
09051-S-601A
REV. 1

REVISIONS	DATE	BY	CHK	APP	NUMBER	REFERENCE DRAWINGS
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1	6/24/10	TRB	HS	AND		REVISED DIMENSIONS AS SHOWN

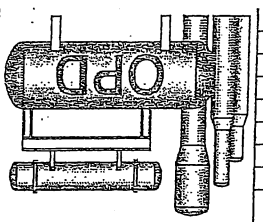
NOTES:
1. FOR GENERAL NOTES SEE DRAWING 09051-S-601.

FOR LIST OF MATERIALS
SEE SHEET 601

APPROVED FOR CONSTRUCTION
JUN 25 2010

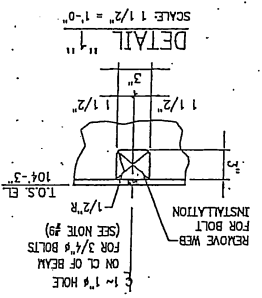
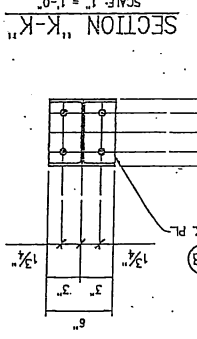
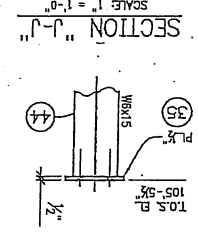
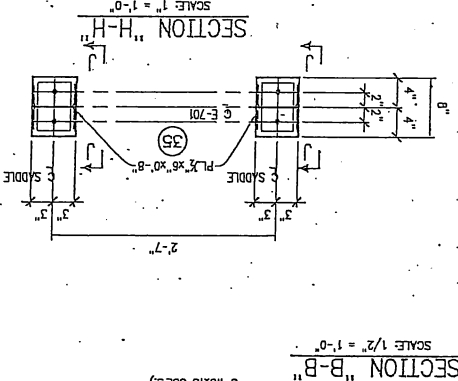
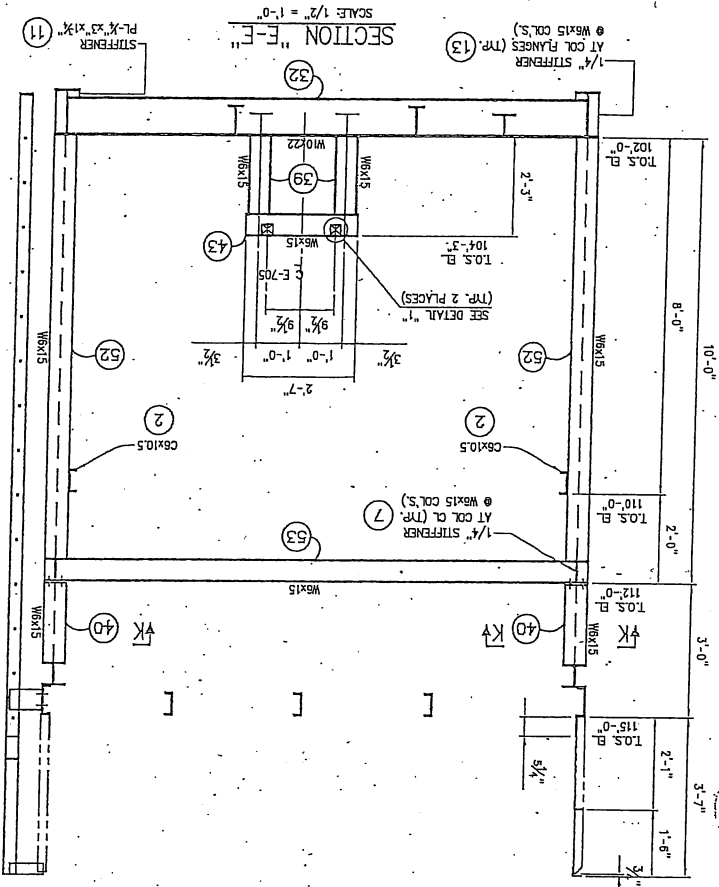


NO.	DATE	REVISIONS	BY	CHK	APP	NUMBER	REFERENCE DRAWINGS
1	6/23/10	ADDED NOTE FOR HANDRAIL TO BE SHIP WELDED TO RAILING	TT	HS	JSD		
0	6/22/10	ISSUED FOR CONSTRUCTION					

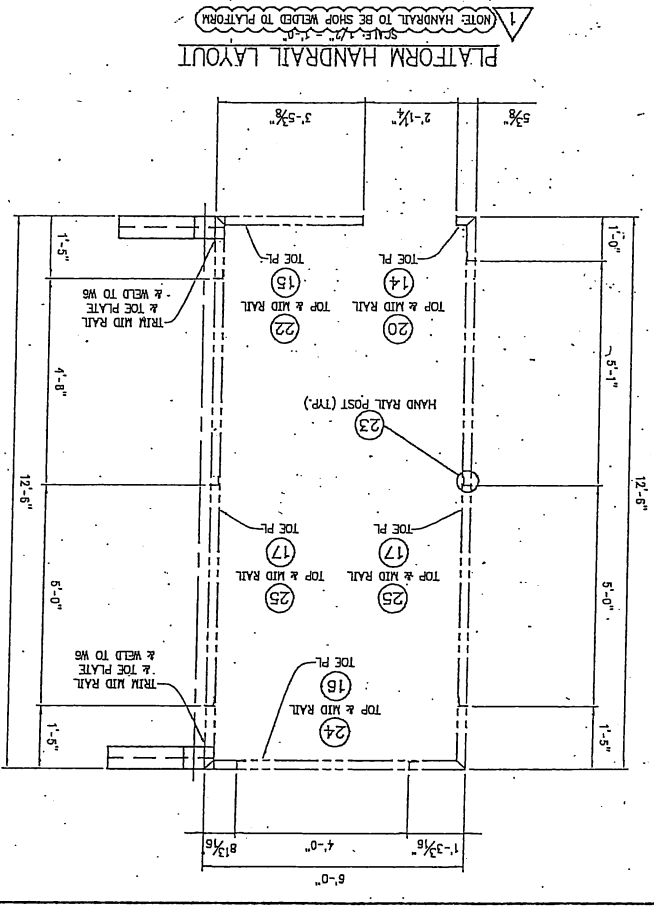
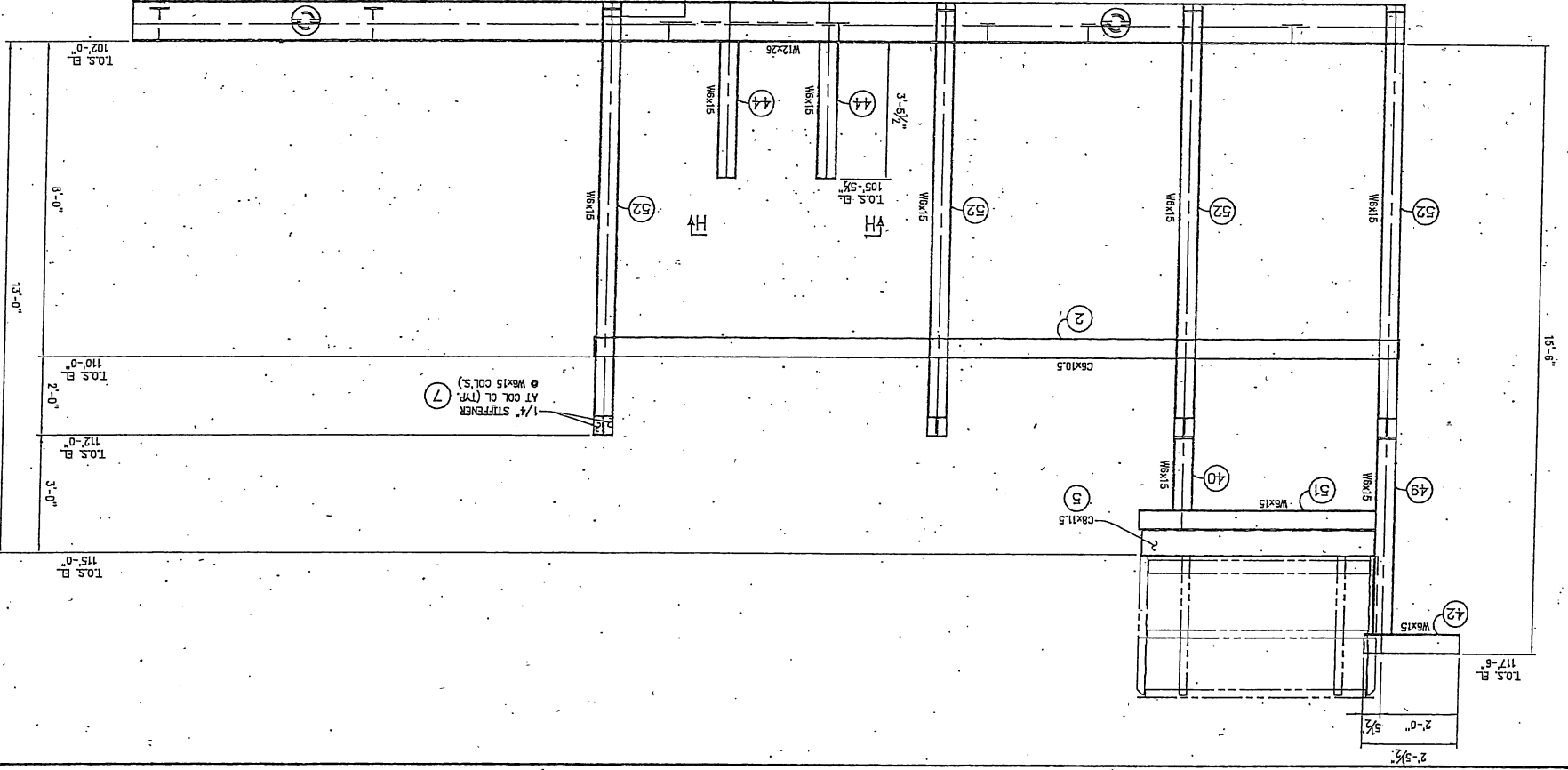
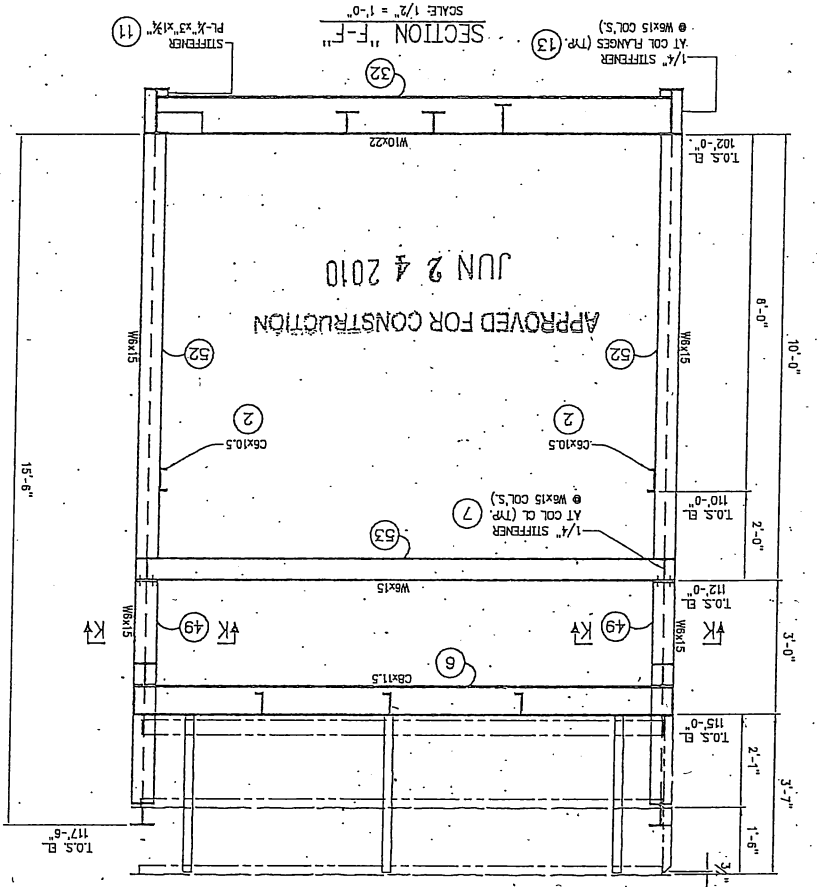


LONGVIEW
ENBRIDGE PIPELINES
PH. 281-371-7500
KATY, TEXAS
WWW.OPD-INC.COM
DES. 09051
CHK. HS
APP. JSD
DATE 6/15/10
FILE 09051S01
DWG. No. 09051-S-601B
REV. 1

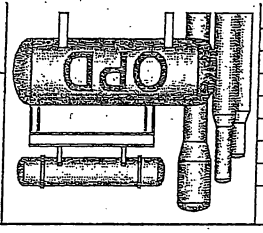
CAJUP COUNTY
PITTSBURG GAS PLANT
STABILIZER SKID
STRUCTURAL STEEL DETAILS FOR
TEXAS



NOTES:
1. FOR GENERAL NOTES SEE DRAWING 09051-S-601.
FOR LIST OF MATERIALS
SEE SHEET 601

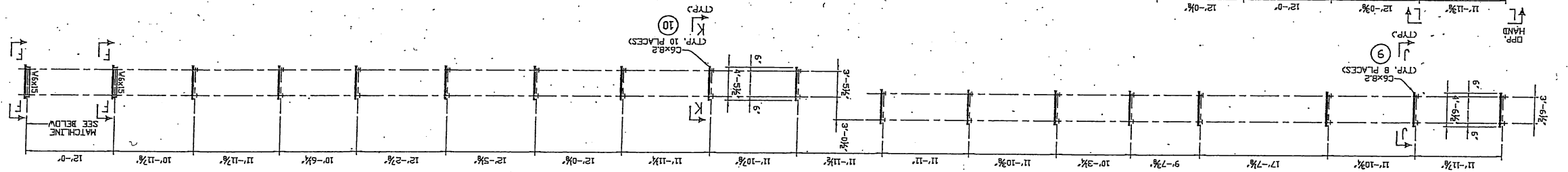
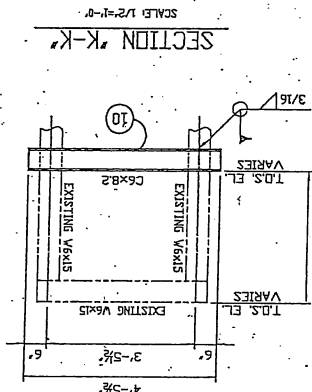
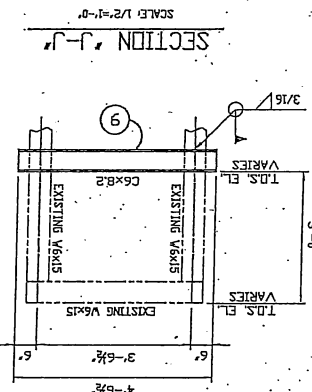
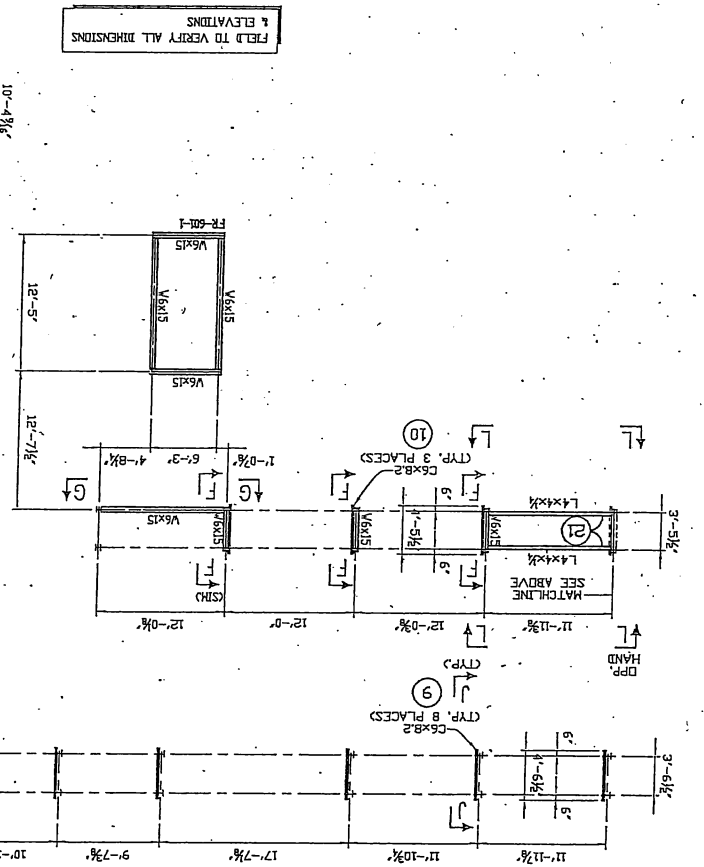
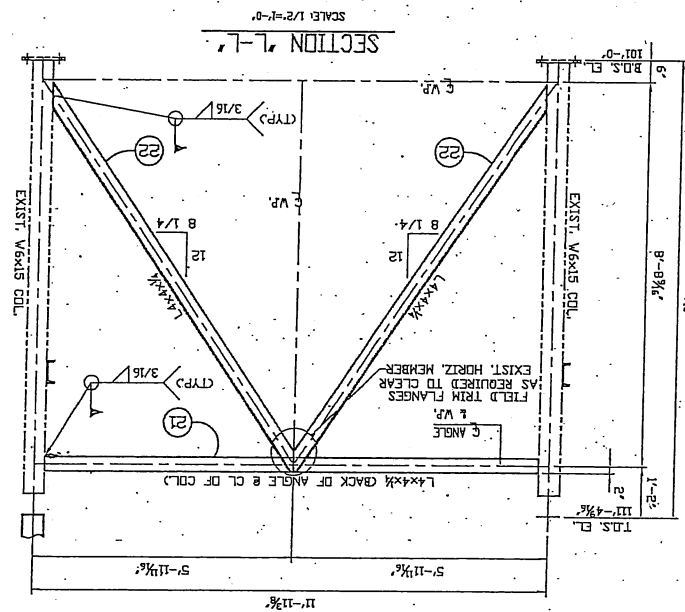
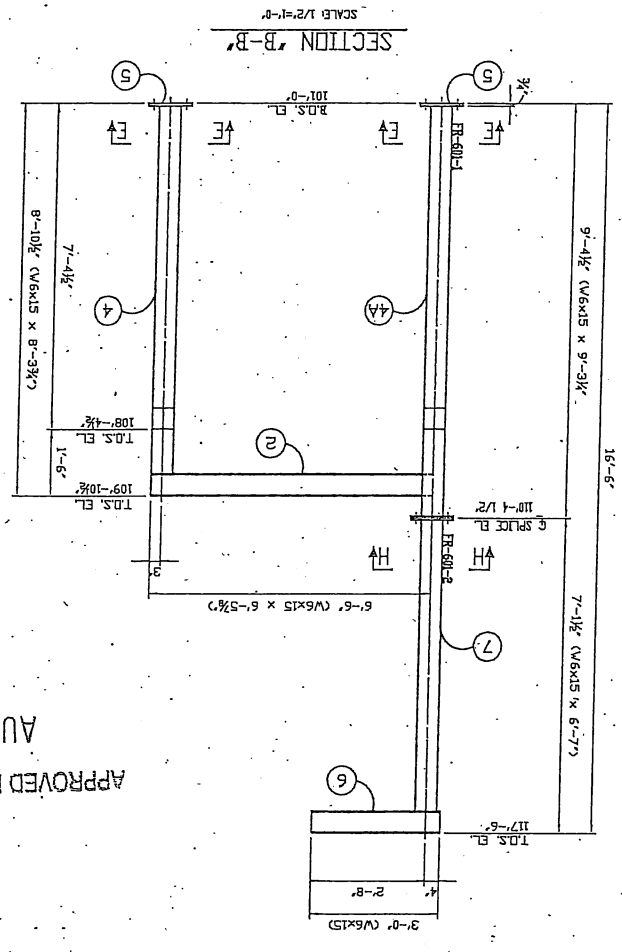
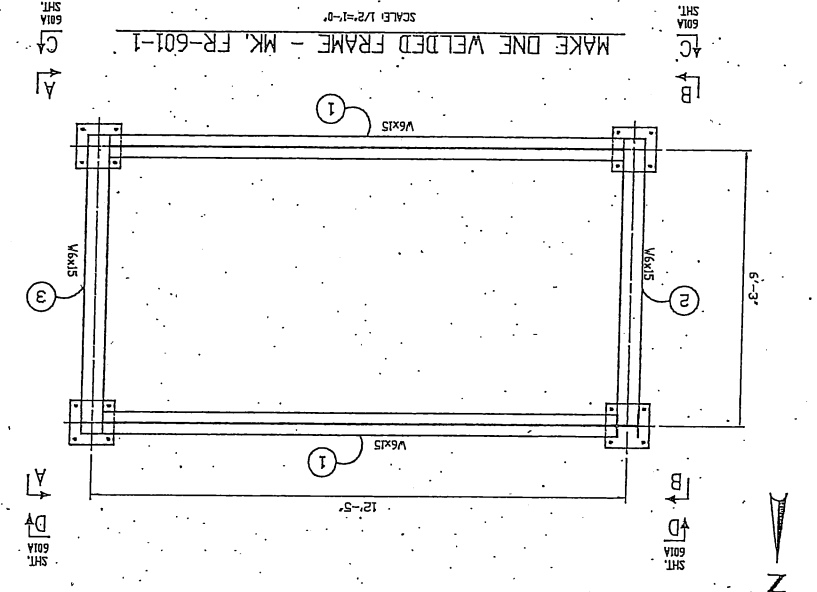
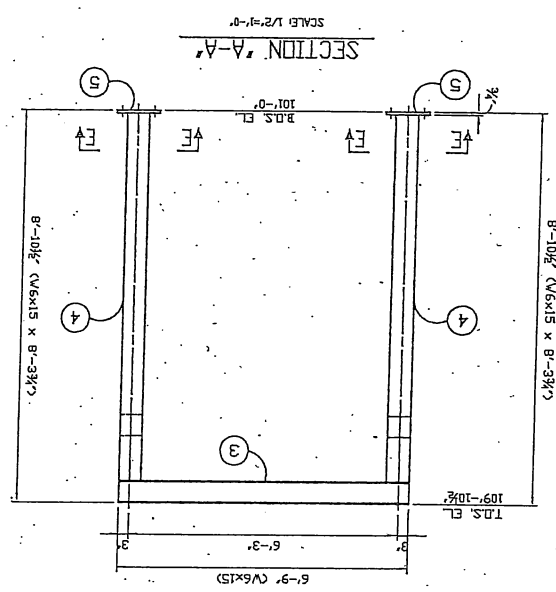


uppon platform

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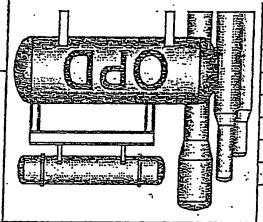
LONGVIEW : TEXAS
 ENBRIDGE PIPELINES
 PH. 281-371-7500
 WWW.OPD-INC.COM
 KATY, TEXAS
 ENGINEERS AND CONSTRUCTORS
 OPTIMIZED PROCESS DESIGNS

DATE	07/14/70	FILE	09051-S-660-DIV	DATE	09051-S-603
ADJ.		ADJ.		ADJ.	
ST		ST		ST	
DES	SAT	SCALE	1/2"=1'-0"	JOB NO.	09051
CAMP COUNTY, TEXAS					
STRUCTURAL DETAILS FOR PIPE RACK PITTSBURG GAS PLANT					

[illegible]

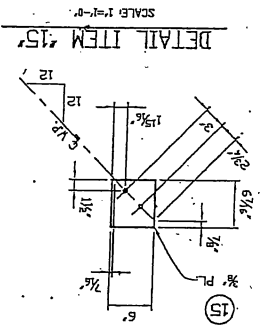
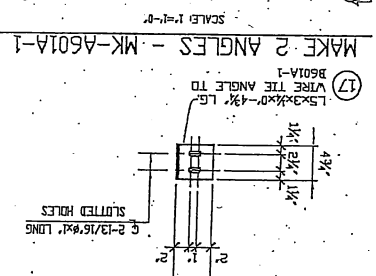
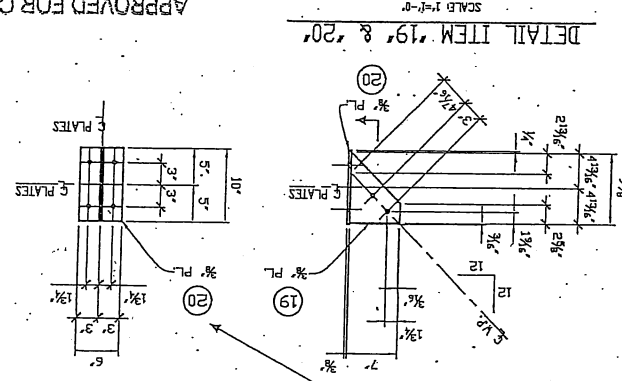
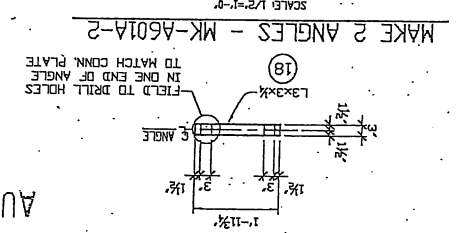
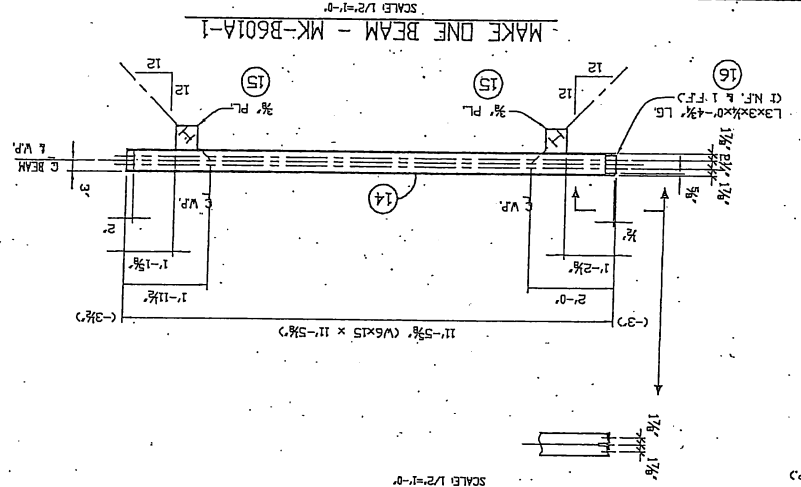
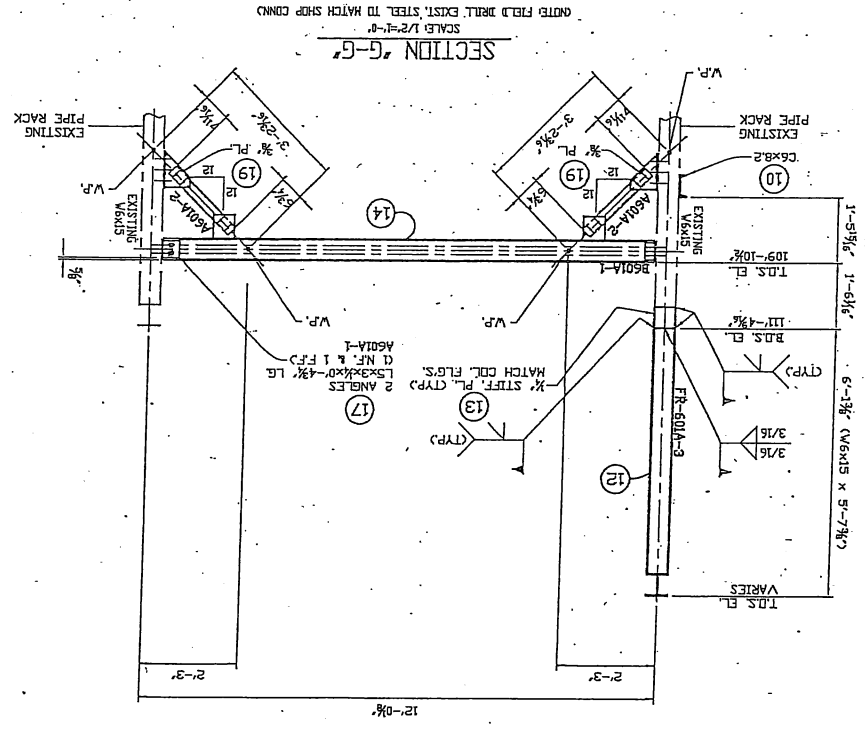
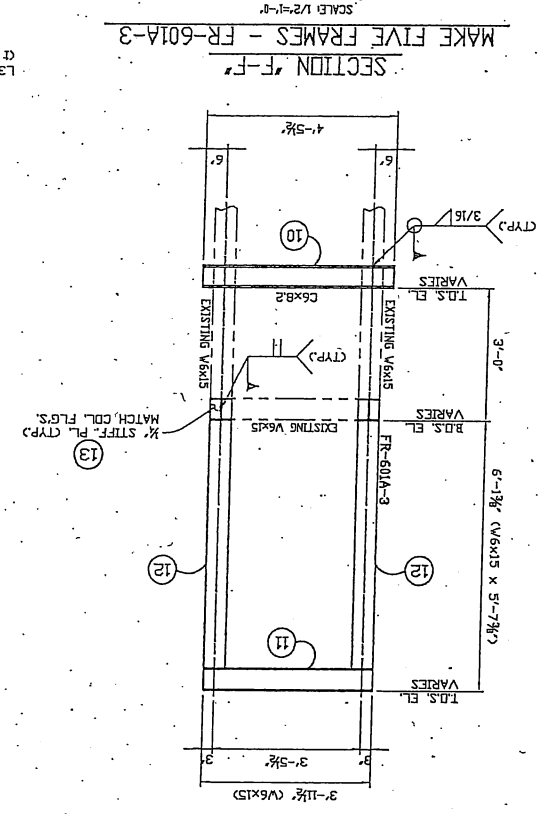
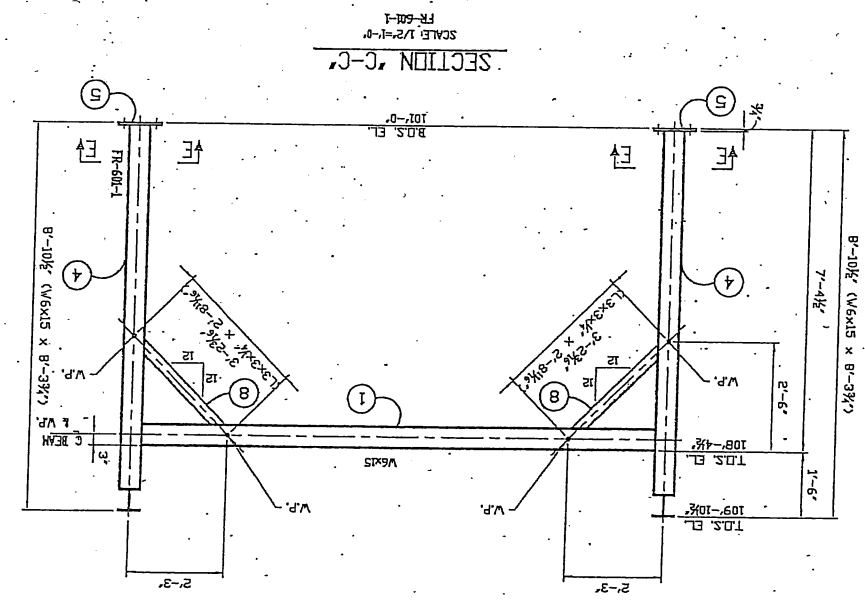
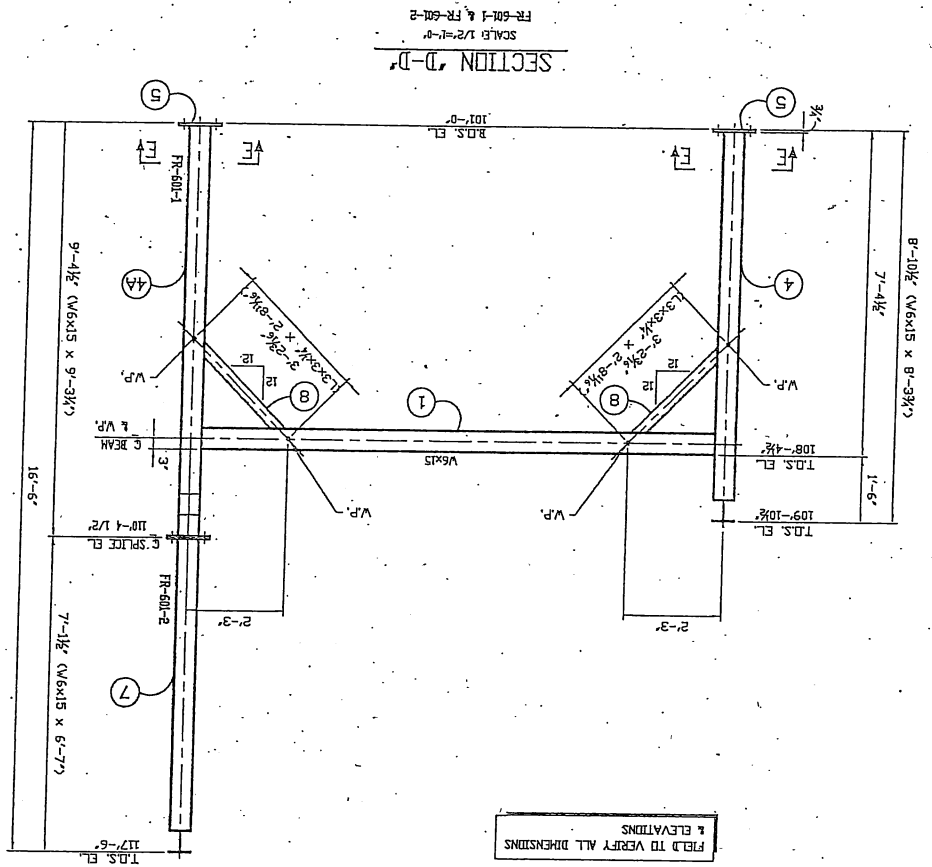
APPROVED FOR CONSTRUCTION
AUG 02 2010

REVISIONS	BY	CHK	APP	DATE
0	ADT	JAD	JAD	07/25/10
1	TT	JAD	JAD	8/2/10
ISSUED FOR CONSTRUCTION				
REVISED DRAWING NUMBER				
REFERENCE DRAWINGS				
NUMBER				



OPTIMIZED PROCESS DESIGNS
 ENGINEERS AND CONSTRUCTORS
 KATY, TEXAS
 PH. 281-371-7500
 WWW.OPD-INC.COM

STRUCTURAL DETAILS FOR
 PIPE RACK
 PITTSBURG GAS PLANT
 CAMP COUNTY,
 TEXAS
 DES. SAT
 SCALE 1/2"=1'-0"
 DATE 07/14/10
 FILE 09051-S-603A
 SHEET NO. 1



APPROVED FOR CONSTRUCTION
 AUG 02 2010