

PLAINTIFF'S EXHIBIT

CHV-703

MISCELLANEOUS

Chevron BB
014830

S-PAINTING ON PLOT

LINES - NOT INS.

SIZE

LIN. FT

sq ft

sq ft

use 11¢/sq ft
already primed

1/4"

160

.22

35

.25¢/sq ft

3/4"

790

.275

220

for total cleaning

1"

790

.344

270

priming

1 1/2"

270

.497

135

final coat

2"

1530

.622

955

3"

1940

.716

1780

4"

1580

1.178

1860

6"

655

1.735

1140

8"

490

2.26

1110

10"

460

2.51

1290

12"

-

-

-

16"

250

4.20

1050

20"

-

-

-

24"

40'

6.28

250

10095 sq ft

including valves, misc

13,000 sq ft (.25) = \$3250

Structures

2000 sq ft (.25)

500

Platforms

already primed 3000 sq ft (.11)

330

PIPE SUPPORTS

400

Equip. - new only -

E-1 = 2-31" = 163(2) =

326

E-18 = 2-31" = (163+36)2 =

398

E-13 = 2-26" = (136+26)2 =

324

E-17 = 1-31" = 163+36 =

199

E-15 = 1-14" = 105

105

E-16 = 1-14" = 105

105

1457 sq ft (.11) = 160

\$4640

INITIALS _____ PROJECT No. _____

DATE _____ SUBJECT _____

SHEET _____ OF _____

CALCULATION SHEET GO-144-2T

Painting on Plot

T = 4640

35

65

M

L

1640

3000

add for existing equip. 35%

560

1850

D-402, D-401,

D-506, D-3504

Pumps 6-404, 403, 406

E-409, 411, 412, 413, 402A

lines.

2200

4050

add Est. Factor 10%

200

850

2500

4500

INITIALS

PROJECT No.

DATE

SUBJECT

SHEET

OF

GO-144-2T (8-64) PRINTED IN U.S.A.

Chevron BB
014833

5- Painting - Continued

Pipe supports, say

Pumps 72 @ 50 each
but pumps painted

Total from Previous Page

L	M
450	300
750	150
450	300

Allowance for painting exist. Lines
& equip. that are modified.
Do not in money for repainting
the entire P.F. as this is
really a maint. item
will paint at same time difficult to separate

Total Painting

1,250	750
650	350
1,900	1,100

Platforms

E-1 230 ft²
C-1 120 ft²
C-2 120 ft²

570 ft²

(Already primed)

Fin. Coat L = 0.08/ft² x 570 = 50

M = 0.045/ft² x 570 = 25

Use borundum instead @ 3/ft²
= 1,600 total

Total Painting

1,000	600
2,900	1,700

INITIALS _____ PROJECT No. _____

DATE _____ SUBJECT _____

SHEET 3 OF 7

CALCULATION SHEET GO-144-2T

PROJECT No.

SHEET No. ...

TITLE

S Misc.

INITIALS.

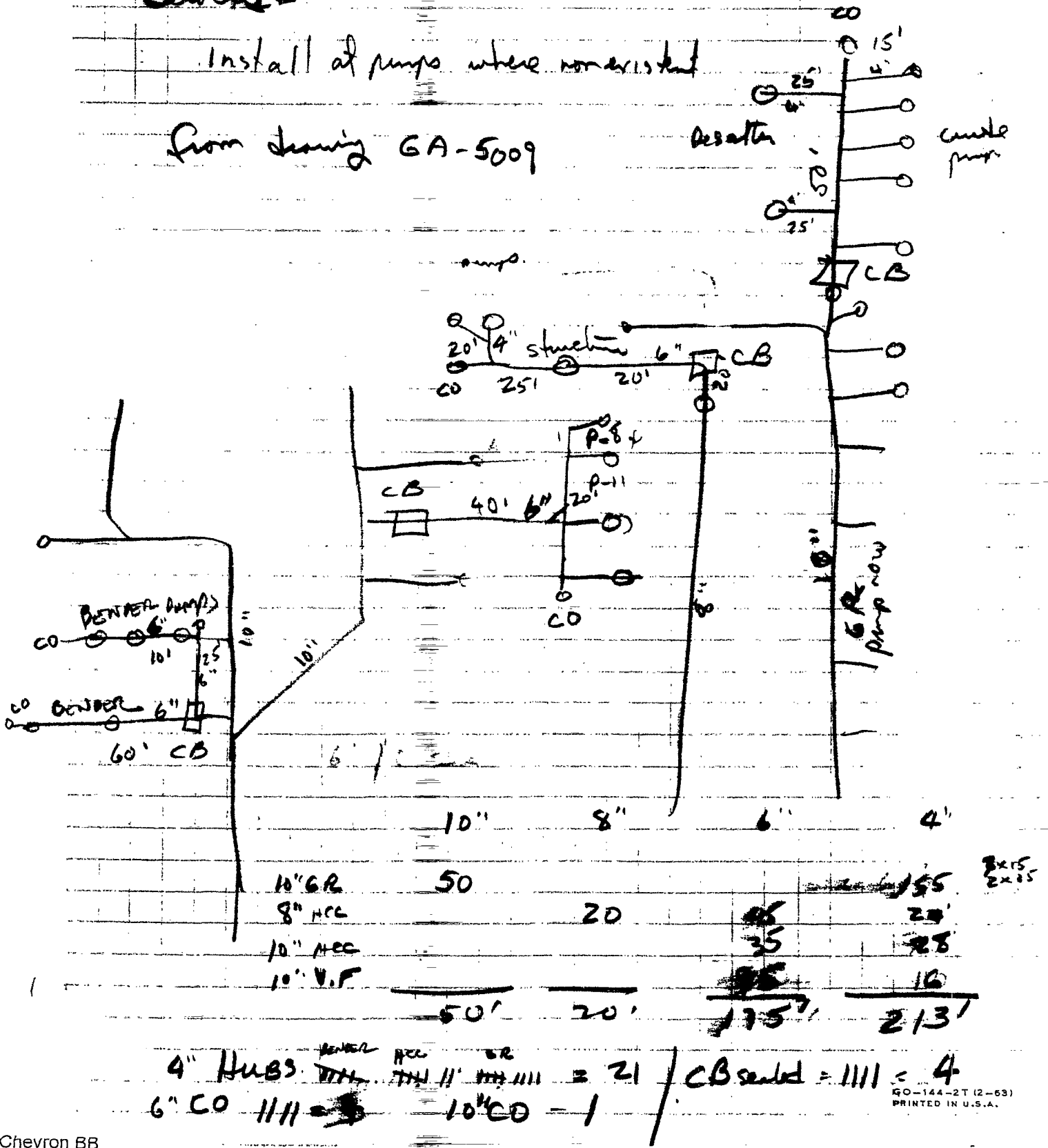
SUBJECT.

DATE

Sewers

Install all pumps where nonexistent

from drawing GA-5009



CALCULATION SHEET GO-144-2T

PROJECT No. _____

SHEET No. _____

TITLE S

INITIALS _____

SUBJECT _____

DATE _____

Sewers
includes bends

incl. excav & backfill

			L	M	L	M
4" VC pipe 225'	@ \$4/ft	9.80	3.20	1080	720	
6" VC pipe 180'	@ \$12/ft	7.20	4.80	1370	910	
8" VC pipe 25'	@ \$15/ft	9.00	6.00	230	150	
10" VC pipe 60'	@ \$18/ft	10.80	7.20	650	430	
Sealed CB 4	@ \$500	300	200	1200	800	
4" Drain hubs - 21	@ \$25	20		420	530	
6" Drain hubs - 4	@ \$35	25		100	140	
10" Drain hubs - 1	@ \$50	30		30	50	

Connecting into Existing sewers.

		L	M	
10" T	1 req'd @	60	35	60
8x6" T	1 req'd @	60	25	60
10x6" Y	2 req'd @	60	35	120

5320 3870

allowance for missed items 30% 1680 1130
+ est. factor 5%
7000 5000

11/14/65

5. Misc - Paving

Repairing broken and cracked Areas.
- in way of CRIST. fclns. turn out.

L M

F-501 15'x50' = 750 ft²
E-402 BAA say 150 ft²
HT-Exch. say 400 ft²
Pumps say 600 ft²

1900

say 2000 ft²

Usual cost is 0.50/ft² - But
this will be more difficult in

small patches - say 0.100/ft²

1400

~~300~~

600

~~400~~

Fill up part of trench N of Corp. House

55' x 20' x 4 = 4400 ft³

= 165 cu.

for small quantity

use 1.50/cu

=

200

50

PAVING = 55 x 20' = 1100 ft² (0.50/ft²) = 400 750

2000

800

add missed area
+ est. fctr
350%

1000

200

3000

1000

INITIALS

PROJECT No.

DATE

SUBJECT

11/12/61

5-MISC - Hydro test for Equip & Lines

Use a crew of 3 men for 2 wks - 10 working days.

Total cost = ^{Refinery Labor} \$50/day per man - but this includes O&B & benefits (Gr & B)

Direct Labor costs say \$50/day per man

$\frac{50}{\text{day}} \times 3 \text{ men} \times 10 \text{ days} = 1500$

Seems Low say $\frac{2500}{1500} = 1.67$

2500
1500
500

S - SITE PREP ON PLOT

BREAKUP PAVING $\$0.50/\text{sq ft}$

C-3503 15' x 15' = 225 sq ft

D-150/8" AC 30' x 15' = 450

D-1 15' x 15' = 225

Excav. Pumps 15' x 8' x 8' = 320

E-8, 9, 16 5' x 5' x 2 = 50

E-4, 6 5' x 5' x 4 = 100

E-409, 411 5' x 5' x 2 = 50

E-412, 413 12' x 15' = 180

NEW P/W 5' x 5' x 20 = 500

2100 @ 0.50

\$1050

EXCAVATE 4' deep

~~Vol~~ C-3503 225 x 4 = 900

D-150 450 x 4 = 1800

D-1 225 x 4 = 900

E-8, 9, 16 50 x 4 = 200

E-4, 6 100 x 4 = 400

E-409, 411 50 x 4 = 200

E-412, 413 180 x 4 = 700

P/W 500 x 4 = 2000

Pumps 2' x 8' x 100 = 1600

8700 = 324 sq @ $\$4/y$ = \$1300

Paving & find covered elsewhere.

2350

mul 5000

INITIALS _____ PROJECT NO. _____

DATE _____ SUBJECT _____

SHEET _____ OF _____