

FIELD REPORT

PROJECT NO. —	PROJECT DESCRIPTION Highway 2809 Juan	OBSERVER W. J. L. L. L.	DATE OBSERVED 12-8-78
OTHERS PRESENT: Cabo N.E.			

son for Field Check:

For the drainage report on this street house.

Description of Field Check Performed:

There is four bonding areas. The first 3 are located on the west side of the block and the last one on the east side of it.

Findings or Conclusions:

There is four bonding area all covered with gravel.
Bond A = 884 ft.² Bond B = 2954 ft.²
Bond C = 1524 ft.² and Bond D = 11808 ft.²

Follow-up Action required:

no follow-up will be needed because this block is all going by the plan and it is fine.

Date of Field Report to:

CITY:

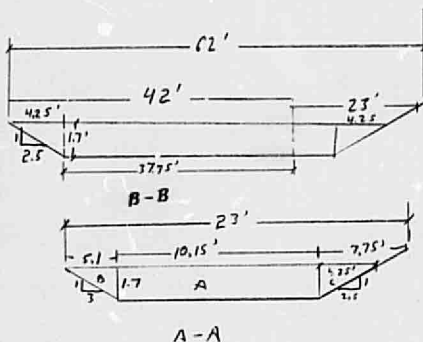
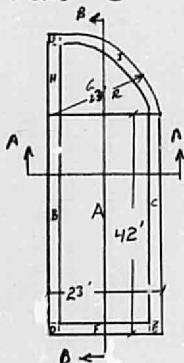
Albuquerque, N.M.

W. J. L. L. L.
OBSERVER

By _____ Date _____ PROJECT WESTERN SIZELIN STEAK HOUSE sheet No. _____ of _____

Checked By _____ Date _____ Job No. _____

Pond C



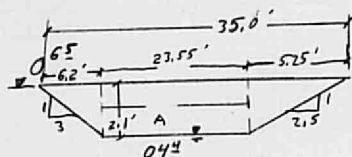
A-A

2809
JUN TABO
NESNOW MTS. BLK
79LOTS
11+13, 17+18

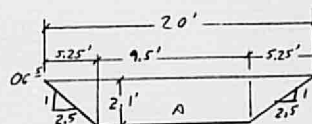
DESIG	CALC	DIAGRAM	VOLUME FT ³
A	$37.75 \times 10.15 \times 1.7$		651.37
B	$\frac{1}{2} \times 37.75 \times 5.1 \times 1.7$		163.65
C	$\frac{1}{2} \times 37.75 \times 4.25 \times 1.7$		136.37
D	$\frac{1}{3} \times 5.1 \times 4.25 \times 1.7$		12.28
E	$\frac{1}{3} \times 4.25 \times 4.25 \times 1.7$		10.23
F	$\frac{1}{2} \times 10.15 \times 4.25 \times 1.7$		36.67
G	$\frac{1}{2} \times \pi \times 10.15^2 \times 1.7$		68.26
H	$\frac{1}{2} \times 18.75 \times 5.1 \times 1.7$		57.83
I	$\frac{2\pi}{4} A = \frac{2\pi \times 12.28}{4} \times \frac{1}{6} \times 4.25 \times 1.7$		69.68
J	$\frac{1}{2} \times 4.25 \times 5.1 \times 1.7$		12.28
CANAL	$A = 37.75 \times 10.15 \times 2.0 \times \frac{1}{2}$ $C = \frac{1}{4} \times 10.15 \times 12.0 \times \frac{1}{2}$		1214.63 FT ³ 255.44 53.93 1524.0

By _____ Date _____ PROJECT WESTERN SIZZLIN STEAK HOUSE sheet No. _____ of _____
 Checked By _____ Date _____ Job No. _____

Volun Pond A

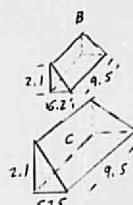
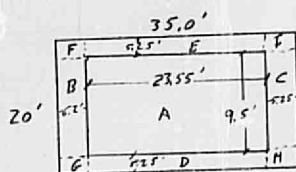


SECTION - A-A

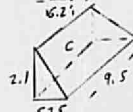


A-A

$$\text{VOL OF AREA A} = 23.55' \times 9.5' \times 2.1' = 469.82 \text{ Ft}^3$$



$$\text{Volume B} = \frac{1}{2} (2.1) (9.5) (2.1) = 21.85 \text{ Ft}^3$$



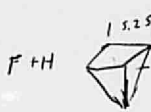
$$\text{Volume C} = \frac{1}{2} (2.1) (9.5) (2.1) = 21.85 \text{ Ft}^3$$



$$\begin{aligned} \frac{1}{2} (2.1) (9.5) (2.1) &= 21.85 \text{ Ft}^3 \\ 21.85 \times 2 &= 43.7 \text{ Ft}^3 \end{aligned}$$



$$\begin{aligned} \text{Volume G+F} &= \frac{1}{2} (6.2) (5.25) (2.1) = 10.85 \text{ Ft}^3 \\ \text{G+F } 10.85 \times 2 &= 21.7 \text{ Ft}^3 \end{aligned}$$

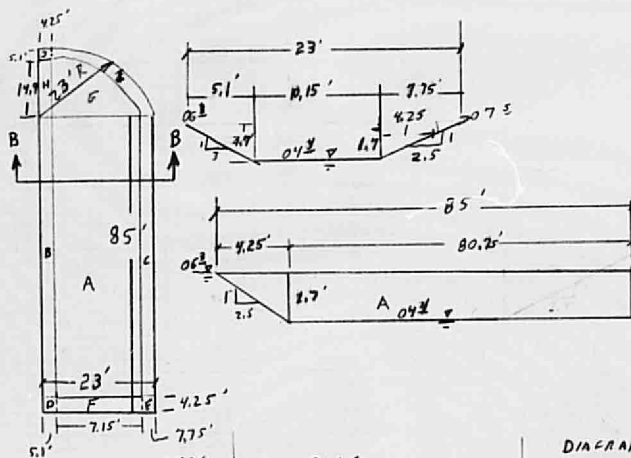


$$\begin{aligned} \text{Volume F+H} &= \frac{1}{2} (5.25) (5.25) (2.1) = 9.2 \text{ Ft}^3 \\ 9.2 \times 2 &= 18.4 \text{ Ft}^3 \end{aligned}$$

$$= 883.78 \text{ Ft}^3$$

Volume of Pond A

Pond B



Vol 2953.62 ft³

DESIG	CALC	DIAGRAM	VOLUME FT ³
A	$80.75' \times 10.15' \times 1.7'$		1393.34
B	$\frac{1}{2} \times 80.75' \times 5.1' \times 1.7'$		350.05
C	$\frac{1}{2} \times 80.75' \times 4.25' \times 1.7'$		291.71
D	$\frac{1}{3} \times 5.1 \times 4.25$		7.22
E	$\frac{1}{3} \times 4.25' \times 4.25' \times 1.7'$		10.23
F	$\frac{1}{2} \times 10.15 \times 4.25 \times 1.7'$		36.67
G	$\pi \frac{10.15^2}{4} \times 1.7$		68.26
H	$\frac{1}{2} \times 14.9 \times 4.25 \times 1.7$		53.83
I	$\frac{2\pi R}{4} A = \frac{2\pi (2.13 + 100)}{4} \times \frac{1}{2} \times 4.25 \times 1.7$		69.68
J	$\frac{1}{3} \times 4.25 \times 5.1 \times 1.7$		12.28
<u>Σ A-J</u>			<u>2293.28 ft³</u>
GRAVEL	$80.75 \times 10.15 \times 2.2 \times .33$ $\pi 10.15^2/4 \times 2.2 \times .33$		<u>608.0</u> <u>59.17</u> <u>667.17</u>