

SGOMI

LOCATION LAYOUT FOR

HEIMERMAN FARMS 3104 #25-1 & #25-1H
SECTION 25, T31S, R4W, 6th P.M.
SW 1/4 SE 1/4

FIGURE #1

SCALE: 1" = 60'

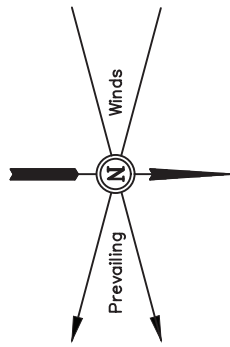
DATE: 04-30-12

DRAWN BY: C.C.

VERSION: 1.0

REVISED:

REVISED BY:



AREA OF MAX. DISTURBANCE

NOTE:
Berm Designed @ 5'
Above Grade, Adjust as
Needed After Determining
Ground Water Depth

F-2.0'
El. 307.5'

Sta. 5+50

NOTE:
CONSTRUCT DIVERSION
DITCH AT EDGE OF
LOCATION AS NEEDED

NOTE:
Earthwork Calculations Require a
Fill @ the Location Stakes
For Balance. All Fill is to be
Compacted to a Minimum of 95%
of the Maximum Dry Density
Obtained by AASHTO Method t-99.

±1% Slope

Formation
Entry

S00°53'35"E - 4813.14'
(To Bottom Hole)

S01°05'01"E - 505.22'
(To Formation Entry)

Sta. 3+25

S01°01'27"E - 302.84'
(To Benchmark)

#25-1H

F-1.2'
El. 309.7'

Cut/Fill
Transition Line

RIG AREA (LEVEL)
FINISH GROUND ELEV. 1310.9'
PAD SHOULD SLOPE AS
SHOWN

Sta. 1+00

FACILITY AREA (LEVEL)
FINISH GROUND ELEV. 1309.6'
PAD SHOULD SLOPE AS
SHOWN

C-3.6'
El. 313.2'

"A"

C-2.2'
El. 311.8'

Approx.
Top of
Cut Slope

Sta. 0+00

C-2.8'
El. 312.3'

C-4.4'
El. 313.9'

Proposed
Access Road

"B"

Proposed
Truck Turnaround

El. 310.6'
C-4.7'
(Btm. Pit)

F-6.6'
(Top Berm)

15' WIDE BERM

170'

FRESH WATER PIT
(10' Depth at Shallow End,
Sloping down at -1.5% to
14.3' at Deep End)

Total Pit Capacity
W/2' of Freeboard
= 77,090 Bbls.±
Total Pit Volume
= 20,250 Cu. Yds

±1.5% Slope
@ Bottom of Pit

12' WIDE BERM

El. 311.0'
F-4.9'
(Top Berm)

El. 312.0'
C-10.4'
(Btm. Pit)
F-3.9'
(Top Berm)

Approx.
Toe of
Fill Slope

Sta. 0+12

BEARINGS AND DISTANCES FROM BENCHMARK TO STAKED POSITIONS		
STAKED POSITION	BEARING	DISTANCE
#25-1 LOCATION STAKE	N01°01'27"W	302.84'
#25-1H LOCATION STAKE	N02°54'43"W	303.13'
PAD CORNER 1	N29°12'35"E	450.07'
PAD CORNER 2	N67°07'31"E	238.42'
PAD CORNER 3	N68°03'31"W	248.35'
PAD CORNER 4	N30°23'49"W	455.41'
PIT CORNER A	N26°27'34"W	483.58'
PAD CORNER B	N19°39'44"W	640.12'
PAD CORNER C	N12°35'31"E	617.67'
PAD CORNER D	N17°16'51"E	453.37'
NE FACILITIES CORNER	N39°08'11"E	506.52'
SE FACILITIES CORNER	N73°48'53"E	332.97'

Elev. Ungraded Ground At #25-1 Loc. Stake = 1309.7'
FINISHED GRADE ELEV. AT #25-1 LOC. STAKE = 1310.9'