



For KCC Use ONLY

API # 15 - \_\_\_\_\_

### IN ALL CASES PLOT THE INTENDED WELL ON THE PLAT BELOW

In all cases, please fully complete this side of the form. Include items 1 through 5 at the bottom of this page.

Operator: \_\_\_\_\_

Lease: \_\_\_\_\_

Well Number: \_\_\_\_\_

Field: \_\_\_\_\_

Number of Acres attributable to well: \_\_\_\_\_

QTR/QTR/QTR/QTR of acreage: \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_

Location of Well: County: \_\_\_\_\_

\_\_\_\_\_ feet from  N /  S Line of Section

\_\_\_\_\_ feet from  E /  W Line of Section

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  E  W

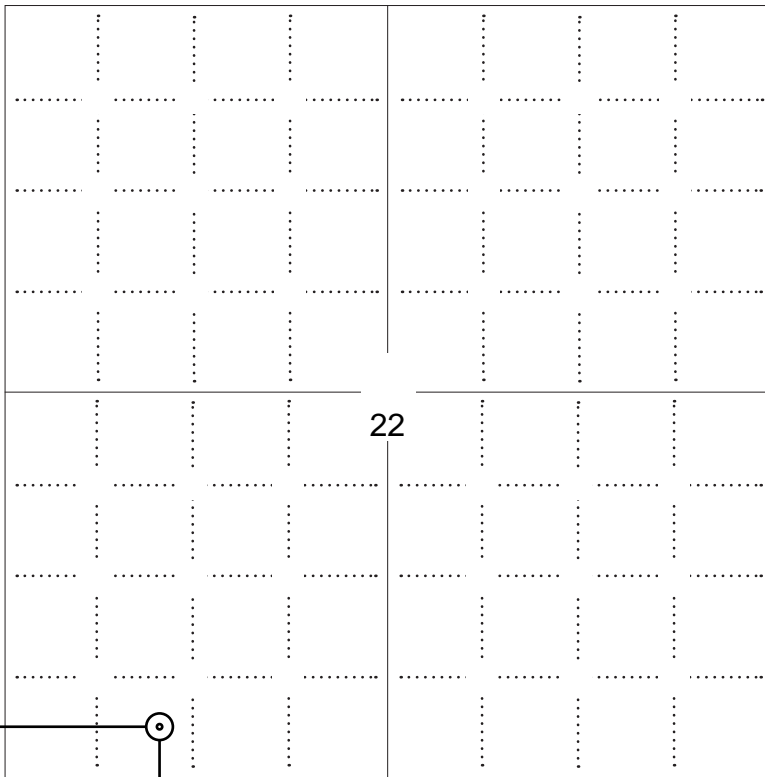
Is Section:  Regular or  Irregular

**If Section is Irregular, locate well from nearest corner boundary.**

Section corner used:  NE  NW  SE  SW

### PLAT

Show location of the well. Show footage to the nearest lease or unit boundary line. Show the predicted locations of lease roads, tank batteries, pipelines and electrical lines, as required by the Kansas Surface Owner Notice Act (House Bill 2032). You may attach a separate plat if desired.



**NOTE: In all cases locate the spot of the proposed drilling locaton.**

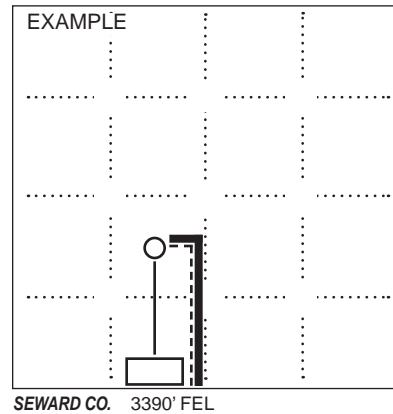
350 ft.

**In plotting the proposed location of the well, you must show:**

1. The manner in which you are using the depicted plat by identifying section lines, i.e. 1 section, 1 section with 8 surrounding sections, 4 sections, etc.
2. The distance of the proposed drilling location from the south / north and east / west outside section lines.
3. The distance to the nearest lease or unit boundary line (in footage).
4. If proposed location is located within a prorated or spaced field a certificate of acreage attribution plat must be attached: (C0-7 for oil wells; CG-8 for gas wells).
5. The predicted locations of lease roads, tank batteries, pipelines, and electrical lines.

### LEGEND

- Well Location
- Tank Battery Location
- Pipeline Location
- - - - Electric Line Location
- Lease Road Location



**APPLICATION FOR SURFACE PIT**

*Submit in Duplicate*

Operator Name:		License Number:	
Operator Address:			
Contact Person:		Phone Number:	
Lease Name & Well No.:		Pit Location (QQQQ): _____-_____-_____-_____	
Type of Pit: <input type="checkbox"/> Emergency Pit <input type="checkbox"/> Burn Pit <input type="checkbox"/> Settling Pit <input type="checkbox"/> Drilling Pit <input type="checkbox"/> Workover Pit <input type="checkbox"/> Haul-Off Pit <i>(If WP Supply API No. or Year Drilled)</i>		Pit is: <input type="checkbox"/> Proposed <input type="checkbox"/> Existing If Existing, date constructed: _____ Pit capacity: _____ (bbls)	
Is the pit located in a Sensitive Ground Water Area? <input type="checkbox"/> Yes <input type="checkbox"/> No		Chloride concentration: _____ mg/l <i>(For Emergency Pits and Settling Pits only)</i>	
Is the bottom below ground level? <input type="checkbox"/> Yes <input type="checkbox"/> No		Artificial Liner? <input type="checkbox"/> Yes <input type="checkbox"/> No	
How is the pit lined if a plastic liner is not used?			
Pit dimensions (all but working pits): _____ Length (feet)    _____ Width (feet) <input type="checkbox"/> N/A: Steel Pits Depth from ground level to deepest point: _____ (feet) <input type="checkbox"/> No Pit			
If the pit is lined give a brief description of the liner material, thickness and installation procedure.		Describe procedures for periodic maintenance and determining liner integrity, including any special monitoring.	
Distance to nearest water well within one-mile of pit: _____ feet    Depth of water well _____ feet		Depth to shallowest fresh water _____ feet. Source of information: <input type="checkbox"/> measured <input type="checkbox"/> well owner <input type="checkbox"/> electric log <input type="checkbox"/> KDWR	
<b>Emergency, Settling and Burn Pits ONLY:</b> Producing Formation: _____ Number of producing wells on lease: _____ Barrels of fluid produced daily: _____ Does the slope from the tank battery allow all spilled fluids to flow into the pit? <input type="checkbox"/> Yes <input type="checkbox"/> No		<b>Drilling, Workover and Haul-Off Pits ONLY:</b> Type of material utilized in drilling/workover: _____ Number of working pits to be utilized: _____ Abandonment procedure: _____ _____ Drill pits must be closed within 365 days of spud date.	
Submitted Electronically			

**KCC OFFICE USE ONLY**

Liner     Steel Pit     RFAC     RFAS

Date Received: \_\_\_\_\_ Permit Number: \_\_\_\_\_ Permit Date: \_\_\_\_\_ Lease Inspection:     Yes     No



### CERTIFICATION OF COMPLIANCE WITH THE KANSAS SURFACE OWNER NOTIFICATION ACT

*This form must be submitted with all Forms C-1 (Notice of Intent to Drill); CB-1 (Cathodic Protection Borehole Intent); T-1 (Request for Change of Operator Transfer of Injection or Surface Pit Permit); and CP-1 (Well Plugging Application). Any such form submitted without an accompanying Form KSONA-1 will be returned.*

Select the corresponding form being filed:  C-1 (Intent)  CB-1 (Cathodic Protection Borehole Intent)  T-1 (Transfer)  CP-1 (Plugging Application)

OPERATOR: License # \_\_\_\_\_  
Name: \_\_\_\_\_  
Address 1: \_\_\_\_\_  
Address 2: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_  
Contact Person: \_\_\_\_\_  
Phone: ( \_\_\_\_\_ ) \_\_\_\_\_ Fax: ( \_\_\_\_\_ ) \_\_\_\_\_  
Email Address: \_\_\_\_\_

Well Location:  
\_\_\_\_ - \_\_\_\_ - \_\_\_\_ - \_\_\_\_ Sec. \_\_\_\_ Twp. \_\_\_\_ S. R. \_\_\_\_  East  West  
County: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

*If filing a Form T-1 for multiple wells on a lease, enter the legal description of the lease below:*

**Surface Owner Information:**

Name: \_\_\_\_\_  
Address 1: \_\_\_\_\_  
Address 2: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

*When filing a Form T-1 involving multiple surface owners, attach an additional sheet listing all of the information to the left for each surface owner. Surface owner information can be found in the records of the register of deeds for the county, and in the real estate property tax records of the county treasurer.*

*If this form is being submitted with a Form C-1 (Intent) or CB-1 (Cathodic Protection Borehole Intent), you must supply the surface owners and the KCC with a plat showing the predicted locations of lease roads, tank batteries, pipelines, and electrical lines. The locations shown on the plat are preliminary non-binding estimates. The locations may be entered on the Form C-1 plat, Form CB-1 plat, or a separate plat may be submitted.*

**Select one of the following:**

- I certify that, pursuant to the Kansas Surface Owner Notice Act (House Bill 2032), I have provided the following to the surface owner(s) of the land upon which the subject well is or will be located: 1) a copy of the Form C-1, Form CB-1, Form T-1, or Form CP-1 that I am filing in connection with this form; 2) if the form being filed is a Form C-1 or Form CB-1, the plat(s) required by this form; and 3) my operator name, address, phone number, fax, and email address.
- I have not provided this information to the surface owner(s). I acknowledge that, because I have not provided this information, the KCC will be required to send this information to the surface owner(s). To mitigate the additional cost of the KCC performing this task, I acknowledge that I am being charged a \$30.00 handling fee, payable to the KCC, which is enclosed with this form.

*If choosing the second option, submit payment of the \$30.00 handling fee with this form. If the fee is not received with this form, the KSONA-1 form and the associated Form C-1, Form CB-1, Form T-1, or Form CP-1 will be returned.*

I Submitted Electronically

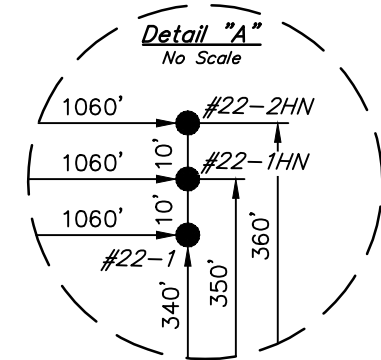
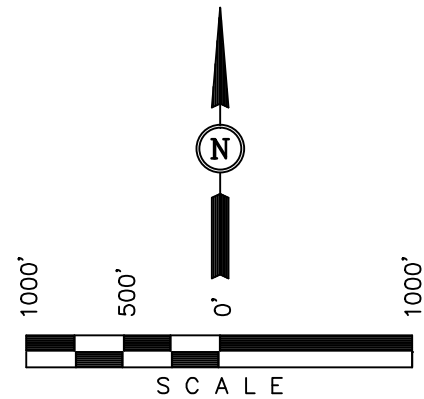
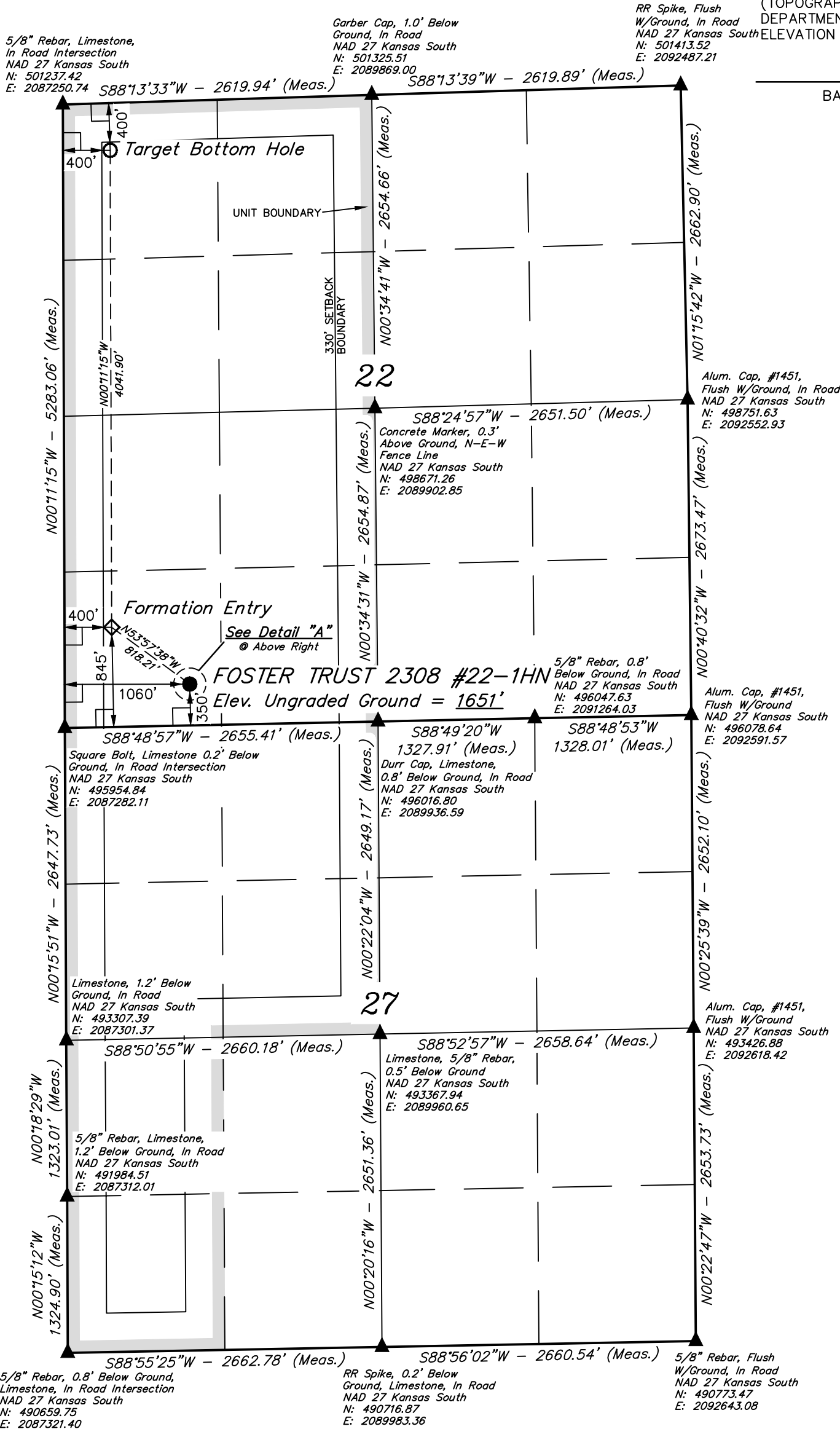
Well location, FOSTER TRUST 2308 #22-1HN, located as shown in the SW 1/4 SW 1/4 of Section 22, T23S, R8W, 6th P.M., Reno County, Kansas.

BASIS OF ELEVATION

SPOT ELEVATION LOCATED AT THE SOUTHWEST CORNER OF SECTION 18, T23S, R8W, 6th P.M. TAKEN FROM THE ALDEN SE, QUADRANGLE, KANSAS, RENO COUNTY, 7.5 MINUTE QUAD (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 1688 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



- LEGEND:**
- └─┘ = 90° SYMBOL
  - = PROPOSED WELL HEAD.
  - ▲ = SECTION CORNERS LOCATED.

**CERTIFICATE**

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

*Justin S. Smith*  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 14,151  
 STATE OF KANSAS

<b>UINTAH ENGINEERING &amp; LAND SURVEYING</b>		
85 SOUTH 200 EAST - VERNAL, UTAH 84078		
(435) 789-1017		
SCALE	DATE SURVEYED:	DATE DRAWN:
1" = 1000'	02-12-13	02-13-13
PARTY	REFERENCES	
C.B. D.W. J.J.	G.L.O. PLAT	
WEATHER	FILE	
COOL	SGOMI	

NAD 83 (#22-1HN TARGET BOTTOM HOLE) LATITUDE = 38°02'30.53" (38.041814) LONGITUDE = 98°11'45.52" (98.195978)	NAD 83 (#22-1HN FORMATION ENTRY) LATITUDE = 38°01'50.57" (38.030714) LONGITUDE = 98°11'45.38" (98.195939)	NAD 83 (#22-1HN SURFACE LOCATION) LATITUDE = 38°01'45.81" (38.029392) LONGITUDE = 98°11'37.12" (98.193644)
NAD 27 (#22-1HN TARGET BOTTOM HOLE) LATITUDE = 38°02'30.48" (38.041800) LONGITUDE = 98°11'44.30" (98.195639)	NAD 27 (#22-1HN FORMATION ENTRY) LATITUDE = 38°01'50.53" (38.030703) LONGITUDE = 98°11'44.16" (98.195600)	NAD 27 (#22-1HN SURFACE LOCATION) LATITUDE = 38°01'45.76" (38.029378) LONGITUDE = 98°11'35.90" (98.193306)
STATE PLANE NAD 27 N: 500850.75 E: 2087653.01	STATE PLANE NAD 27 N: 496809.23 E: 2087677.01	STATE PLANE NAD 27 N: 496329.65 E: 2088339.85



SGOMI

LOCATION LAYOUT FOR

FOSTER TRUST 2308 #22-1, #22-1HN & #22-2HN  
SECTION 22, T23S, R8W, 6th P.M.  
SW 1/4 SW 1/4

FIGURE #1

SCALE: 1" = 60'

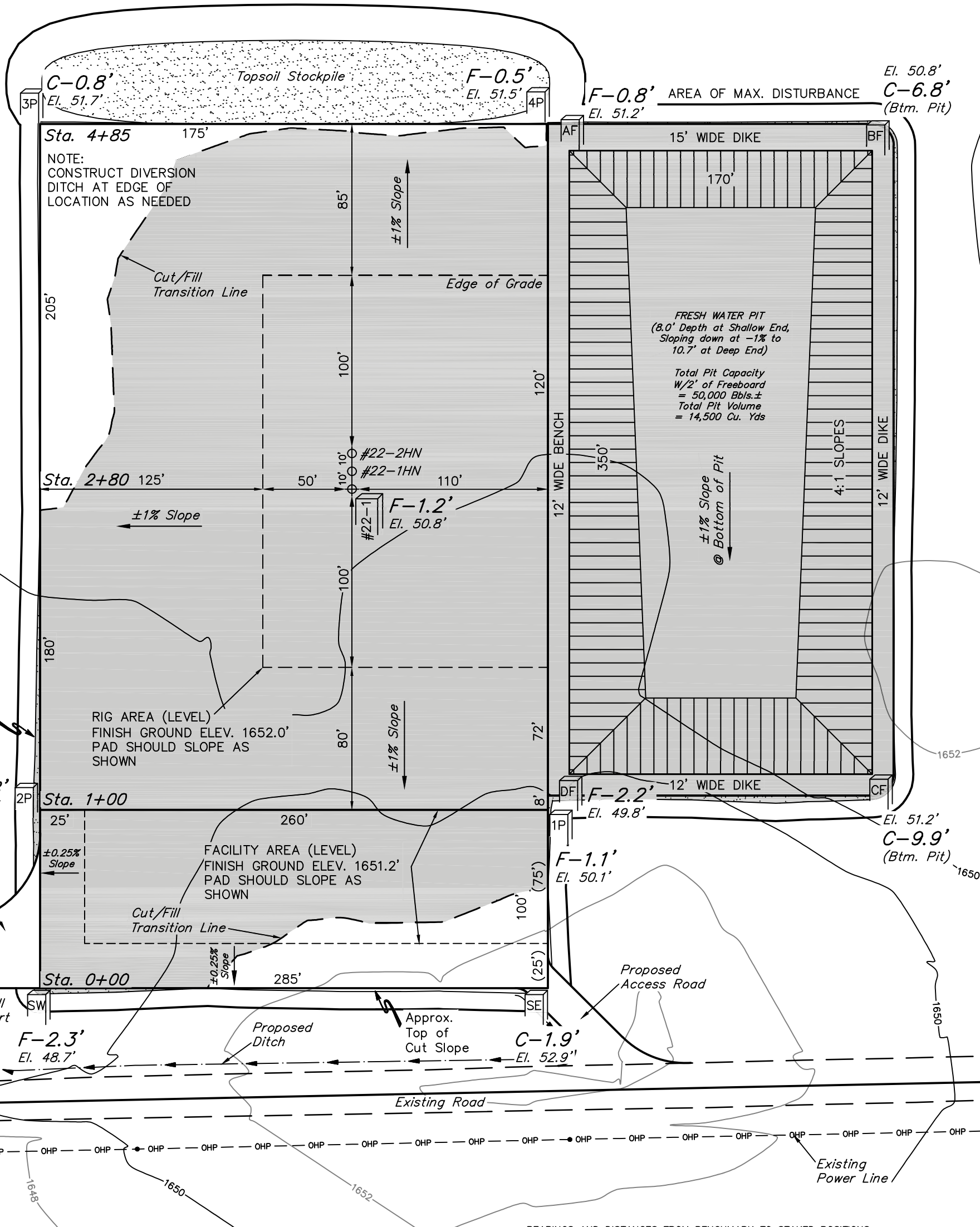
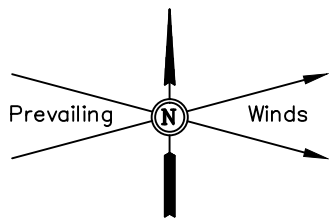
DATE: 02-13-13

DRAWN BY: J.J.

VERSION: 1.0

REVISED:

REVISED BY:



BEARINGS AND DISTANCES FROM BENCHMARK TO STAKED POSITIONS

STAKED POSITION	BEARING	DISTANCE	STAKED POSITION	BEARING	DISTANCE
#22-1 LOCATION STAKE	N56°44'51"E	328.25'	PIT CORNER A	N46°59'11"E	542.34'
#22-1HN LOCATION STAKE	N55°18'38"E	333.83'	PAD CORNER B	N56°51'19"E	676.62'
#22-2HN LOCATION STAKE	N53°55'12"E	339.62'	PAD CORNER C	N87°58'57"E	566.87'
PAD CORNER 1	S89°59'46"E	384.48'	PAD CORNER D	N87°06'58"E	396.98'
PAD CORNER 2	S89°59'10"E	99.50'	SE FACILITIES CORNER	S75°25'00"E	397.26'
PAD CORNER 3	N14°29'08"E	397.65'	SW FACILITIES CORNER	S44°50'22"E	141.11'
PAD CORNER 4	N44°57'58"E	544.15'			

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.

Elev. Ungraded Ground At #22-1 Loc. Stake = 1650.8'  
FINISHED GRADE ELEV. AT #22-1 LOC. STAKE = 1652.0'

SGOMI

DETAIL OF ACCESS ROAD AND  
PRODUCTION FACILITY LAYOUT FOR

FOSTER TRUST 2308 #22-1, #22-1HN & #22-2HN  
SECTION 22, T23S, R8W, 6th P.M.  
SW 1/4 SW 1/4

FIGURE #3

SCALE: 1" = 40'

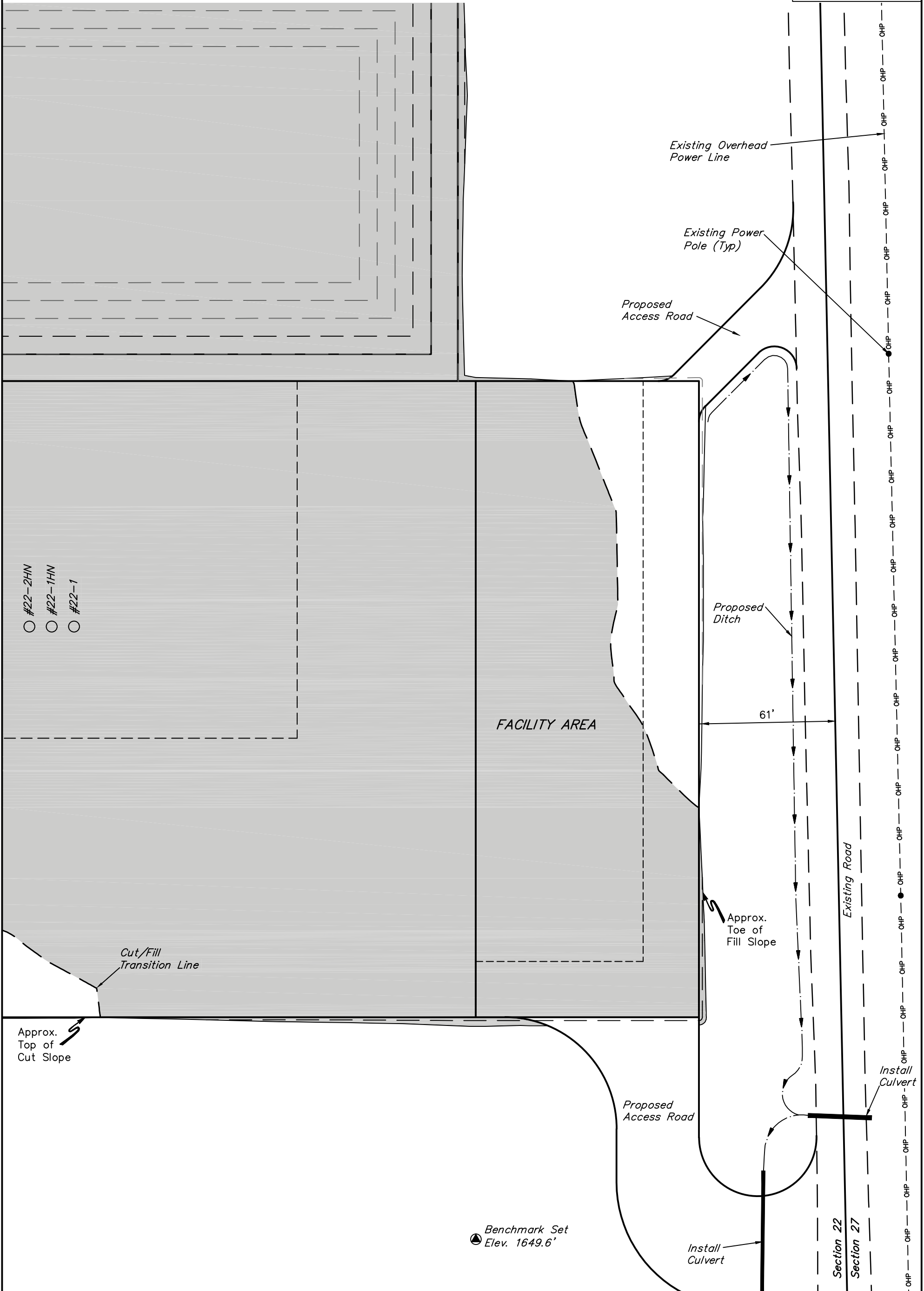
DATE: 02-20-13

DRAWN BY: J.J.

VERSION: 1.0

REVISED:

REVISED BY:



- #22-2HN
- #22-1HN
- #22-1

FACILITY AREA

Existing Overhead Power Line

Existing Power Pole (Typ)

Proposed Access Road

Proposed Ditch

61'

Approx. Toe of Fill Slope

Cut/Fill Transition Line

Approx. Top of Cut Slope

Benchmark Set  
Elev. 1649.6'

Install Culvert

Proposed Access Road

Install Culvert

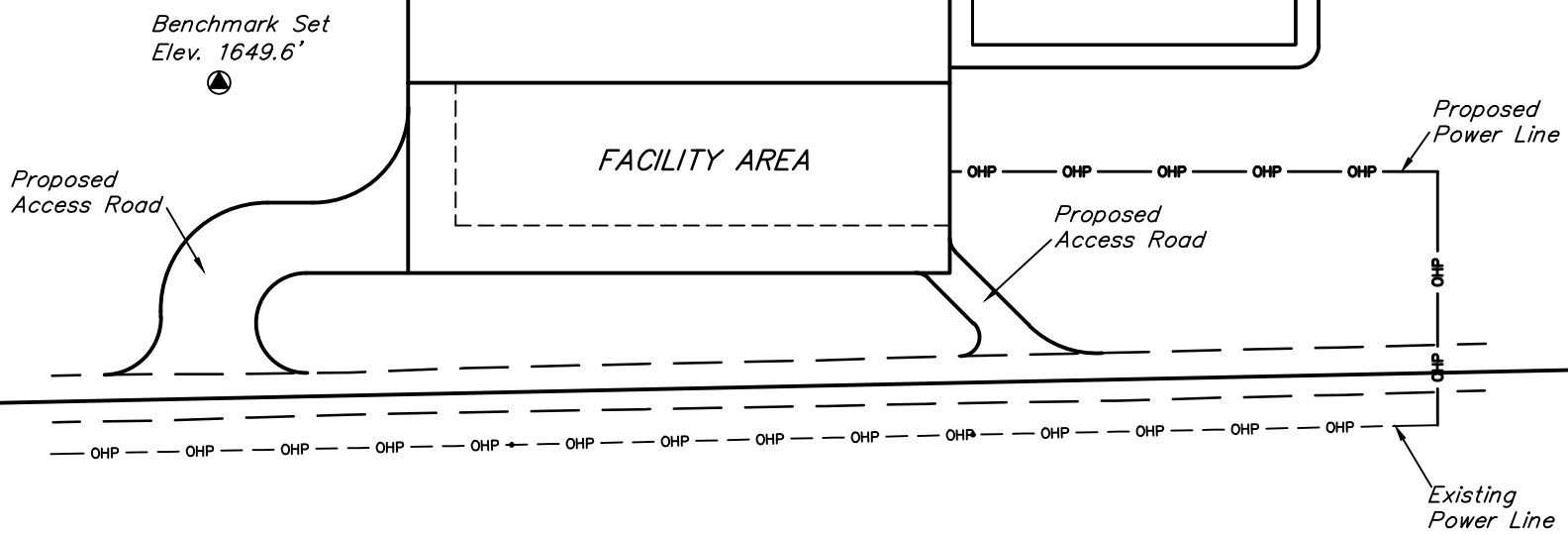
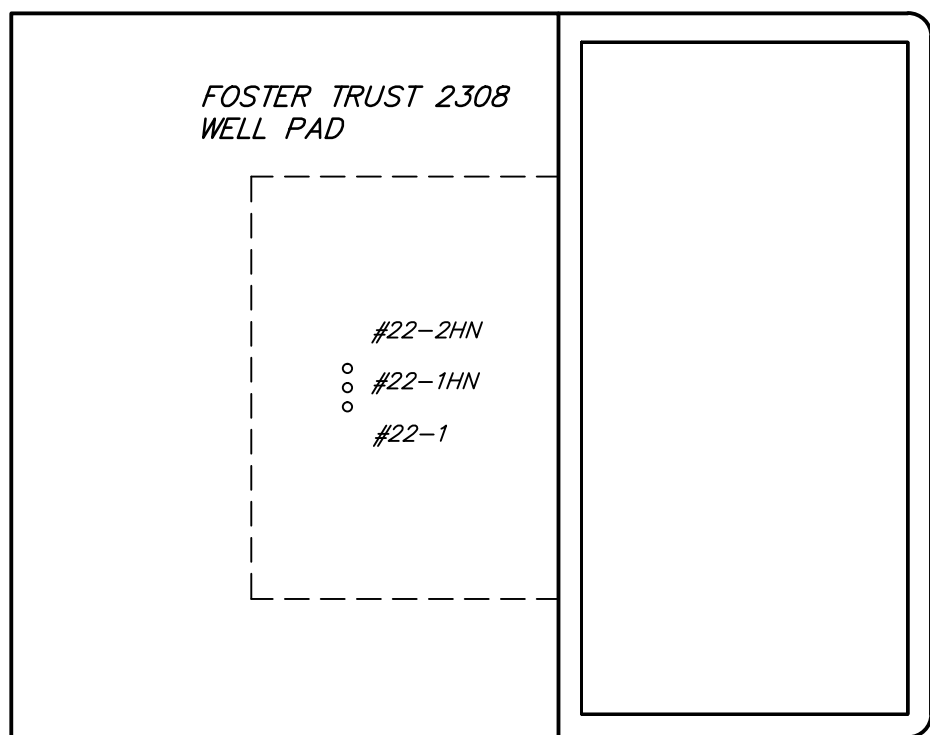
Existing Road

Section 22  
Section 27



**SGOMI**  
POWER LINE LAYOUT FOR  
FOSTER TRUST 2308 #22-1, #22-1HN & #22-2HN  
SECTION 22, T23S, R8W, 6th P.M.  
SW 1/4 SW 1/4

<i>FIGURE #4</i>
SCALE: 1" = 100'
DATE: 02-20-13
DRAWN BY: J.J.
VERSION: 1.0
REVISED:
REVISED BY:



Section 22  
Section 27



# **Unit Description for FOSTER TRUST 2308 #22-1HN**

**UNIT ACRES:** 560.0 acres, more or less

**UNIT DESCRIPTION:**

- W/2 of Section 22-23S-8W and the NW/4 and the W/2SW/4 of Section 27-23S-8W

Conservation Division  
Finney State Office Building  
130 S. Market, Rm. 2078  
Wichita, KS 67202-3802



Phone: 316-337-6200  
Fax: 316-337-6211  
<http://kcc.ks.gov/>

Mark Sievers, Chairman  
Thomas E. Wright, Commissioner  
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

March 28, 2013

Damonica Pierson  
Shell Gulf of Mexico Inc.  
150 N DAIRY-ASHFORD (77079)  
PO BOX 576 (77001-0576)  
HOUSTON, TX 77001-0576

Re: Drilling Pit Application  
Foster Trust 2308 22-1HN  
SW/4 Sec.22-23S-08W  
Reno County, Kansas

Dear Damonica Pierson:

According to the drilling pit application referenced above, this pit is to be used for fresh water only. A closed loop system is to be utilized.

If you have any questions or concerns please feel free to contact the District Office at (316) 630-4000.