



FILE

**SCI ENGINEERING, INC.**

1607 JEFFCO BOULEVARD  
ARNOLD, MISSOURI 63010  
636-296-6111 FAX 636-296-6667  
www.sciengineering.com

January 20, 2003

Mr. Frank Godwin  
City of O'Fallon  
100 North Main Street  
O'Fallon, Missouri 63366

RECEIVED  
JAN 22 2003  
ENGINEERING DEPARTMENT

CONSULTANTS IN DEVELOPMENT,  
DESIGN, AND CONSTRUCTION  
GEOTECHNICAL  
ENVIRONMENTAL  
ARCHAEOLOGY  
WETLANDS  
CONSTRUCTION SERVICES

RE: Waterbody Delineation  
Liberty Industrial Park  
O'Fallon, Missouri  
SCI No. 2003-2007.30

Dear Mr. Godwin:

In a letter dated December 9, 2002, Ms. Jeannie Greenlee requested approval from the U.S. Army Corps of Engineers (CE) and Missouri Department of Natural Resources (MDNR) from our client, Mr. Bill Davis, for the above-referenced project. The letter was submitted to Ms. April Jones of Bax Engineering, on behalf of our client, Mr. Bill Davis.

On January 13, 2003, SCI conducted a site walkover to determine the presence or extent of waterbodies that may be regulated by the CE. Based on our observations, there are no waterbodies that exhibit jurisdictional characteristics that are typically regulated by the CE. SCI submitted the attached report to the CE requesting a "no permit required" letter. Although SCI has identified no waterbodies that appear to be regulated, the CE has the sole authority to claim jurisdiction.

If you have any questions, please contact us at 636-296-6111.

Respectfully,

**SCI ENGINEERING, INC.**

Laurie M. Farmer  
Wetland Scientist

Scott D. Harding CPSS/SC  
Director of Wetland Services

LMI/SDH/nlw

Enclosure

C: Mr. Bill Davis  
Ms. April Jones, Bax Engineering

ST. CHARLES, MISSOURI  
FAIRVIEW HEIGHTS, ILLINOIS  
ARNOLD, MISSOURI  
ST. CLAIR, MISSOURI



## SCI ENGINEERING, INC.

1602 JEFFCO BOULEVARD  
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[www.sciengineering.com](http://www.sciengineering.com)

January 14, 2003

Mr. Bill Davis  
2209 Droste Road  
St. Charles, Missouri 63301

CONSULTANTS IN DEVELOPMENT,  
DESIGN, AND CONSTRUCTION  
GEOTECHNICAL  
ENVIRONMENTAL  
ARCHAEOLOGY  
WETLANDS  
CONSTRUCTION SERVICES

RE: Wetland Delineation & Request for "No Permit Required" Letter  
Liberty Industrial  
O'Fallon, Missouri  
SCI No. 2003-2007.30

Dear Mr. Davis:

SCI Engineering, Inc. (SCI) was retained by Mr. Bill Davis to conduct a wetland exploration at the above-referenced site. The overall site totaled approximately 8.0 acres, and consists of five lots (Exhibit A, Appendix B). Our scope of services consisted of exploring the site for waterbodies, including wetlands, and identifying all that may fall under the jurisdiction of the U.S. Army Corps of Engineers (CE). As described in the following summary letter, we identified two drainageways on site. Neither of these drainageways exhibited characteristics typically regulated by the CE. However, the CE has the sole authority to determine regulatory jurisdiction over these drainageways. Tributaries are considered waters of the United States as identified under the definitions described in Section 328.3 of the Code of Federal Regulations (33CFR). Waters of the United States are under the jurisdiction of the CE and any proposed impacts to waters of the United States, including draining, filling, rerouting, crossing, and discharging into, will require a Section 404 Permit from the CE and Water Quality Certification (401) from the Missouri Department of Natural Resources (MDNR). Since it appears no jurisdictional waterbodies will be affected by the placement of fill material, a Section 404 permit should not be required. In this case, we are requesting a "no-permit required" letter from the CE.

Prior to our field exploration, SCI performed a formal review of the United States Geological Survey (USGS) topographic map and the National Wetlands Inventory (NWI) map. These resource maps indicated two suspect drainageways draining to the southeast that could both potentially be deemed by the CE as tributaries. These drainageways flow into an unnamed tributary that eventually drains to Peruque Creek. During our field exploration, these suspect drainageways were explored for jurisdictional characteristics. We identified both drainageways, and concluded that they did not exhibit characteristics of tributaries typically regulated by the CE.

The site is located north of Hoff Industrial Park adjacent to Hoff Road in O'Fallon, Missouri. The Vicinity Map is enclosed as Figure 1. According to the *Soil Survey of St. Charles County, Missouri*, prepared by the Natural Resources Conservation Service (NRCS), and dated 1979, the site was mapped as Weller silt loam and Goss silt loam. These soils are not listed in the *Hydric Soils of the United States*. The site consists of a moderately-sloping landscape generally draining to the southeast with elevations ranging between 530 to 670 feet. The NWI map was reviewed for information, and it did not indicate the presence of a tributary within the site. A copy of the NWI map is enclosed as Figure 2.

ST. CHARLES, MISSOURI  
FAIRVIEW HEIGHTS, ILLINOIS  
ARNOLD, MISSOURI  
ST. CLAIR, MISSOURI

On January 13, 2002, we performed a field exploration of the subject site to delineate the extent of existing waters and wetlands. The fieldwork was conducted by an SCI Project Scientist. A photographic summary is included in Appendix A.

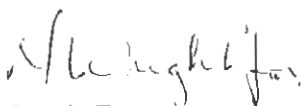
Most of the project site exists as recently cleared land with pioneer vegetation consisting of broomsedge, goldenrod, Johnson grass, blackberry, red raspberry, multiflora rose, thistle, and Queen Anne's lace. Along the northern property boundary, a forested strip containing overstory species of shagbark hickory, white oak, and hackberry remains in tact. As previously mentioned, the site has two drainageways (eastern and western), with watersheds ranging from 4 to 8 acres. Neither the eastern nor western drainageway displays features of a natural bed and bank or Ordinary High Water Mark (OHWM). Both drainageways contain an eroded gully about two feet deep. These gullies were likely formed following the removal of overstory vegetation. Additionally, the northern adjacent property discharges stormwater into these two drainageways, thus adding to the erosion. Both drainageways begin along the northern, forested property edge. Within the forested conditions the two drainageways did not contain bed and bank features or an OHWM. It is SCI's opinion that these drainageways do not exhibit the minimum criteria set forth by the CE for regulation.

Due to the fact that these drainageways do not appear to be under the jurisdiction of the CE, we are requesting a "no permit required" letter from the CE. However, it is the sole responsibility of the CE to determine if either of the observed drainageways may fall under their regulation. Any proposed development that results in a disturbance to regulated waterbodies would require a Section 404 Permit from the CE and 401 Water Quality Certification from the MDNR. Disturbances include, but are not limited to, crossings with roads or utilities, piping, draining, discharging into, rerouting, or filling.

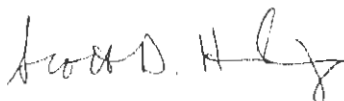
We appreciate the opportunity to be of service to you on this project. If you have any questions or comments, please call.

Respectfully,

**SCI ENGINEERING, INC.**



Laurie Farmer  
Project Scientist



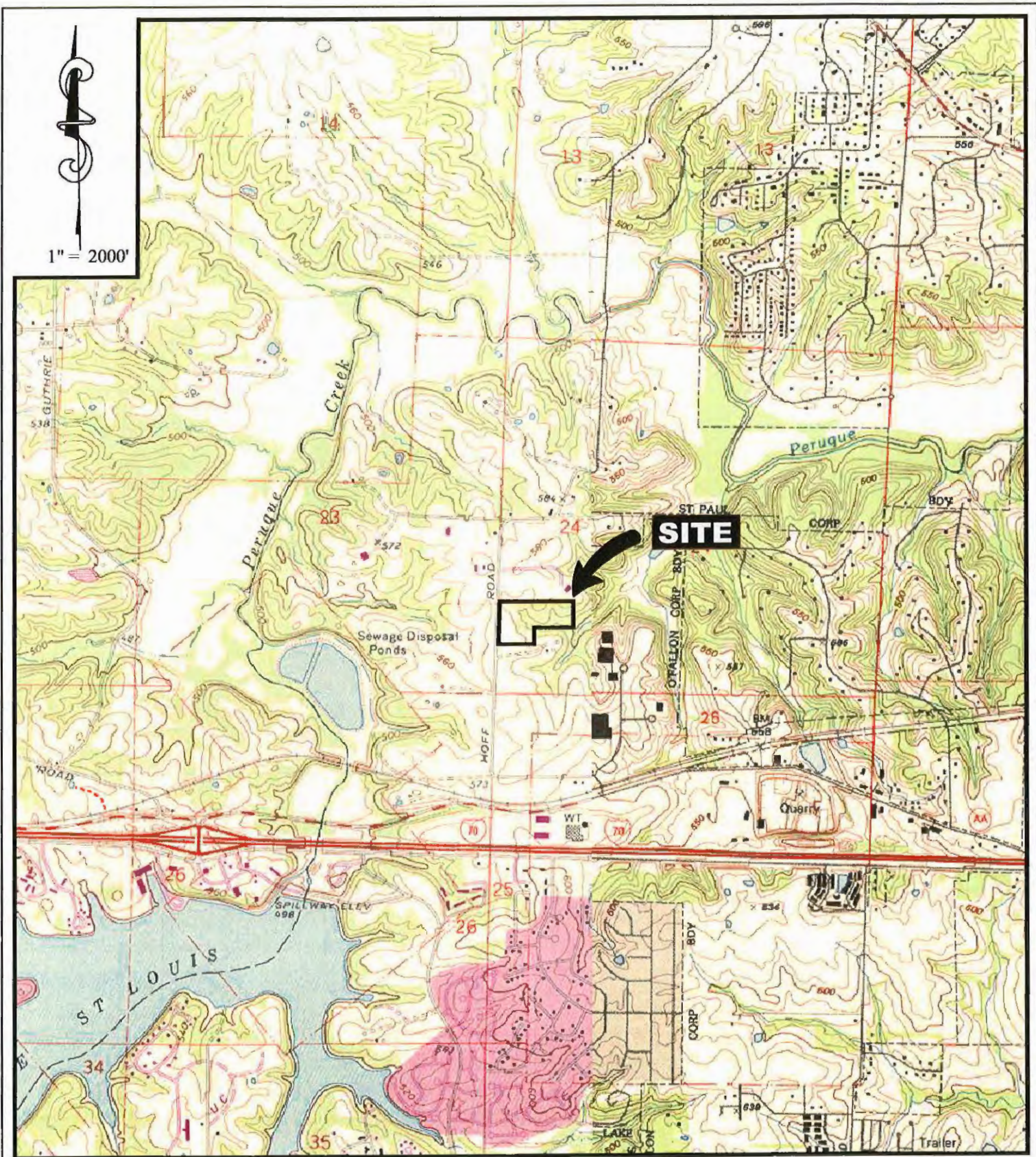
Scott D. Harding, CPSS/SC  
Director of Wetland Services

LMF/SDH/alj

Enclosures

One additional copy submitted.

C: Mr. Ward Lenz, U.S. Army Corps of Engineers



1" = 2000'

FIGURE 1

REFERENCE  
 USGS TOPOGRAPHIC MAP  
 WENTZVILLE, MISSOURI QUADRANGLE  
 DATED 1982  
 20' CONTOURS



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LIBERTY INDUSTRIAL PARK  
 O'FALLON, MISSOURI

**VICINITY MAP**

JANUARY 2003 SCI NO. 2003-2007.30

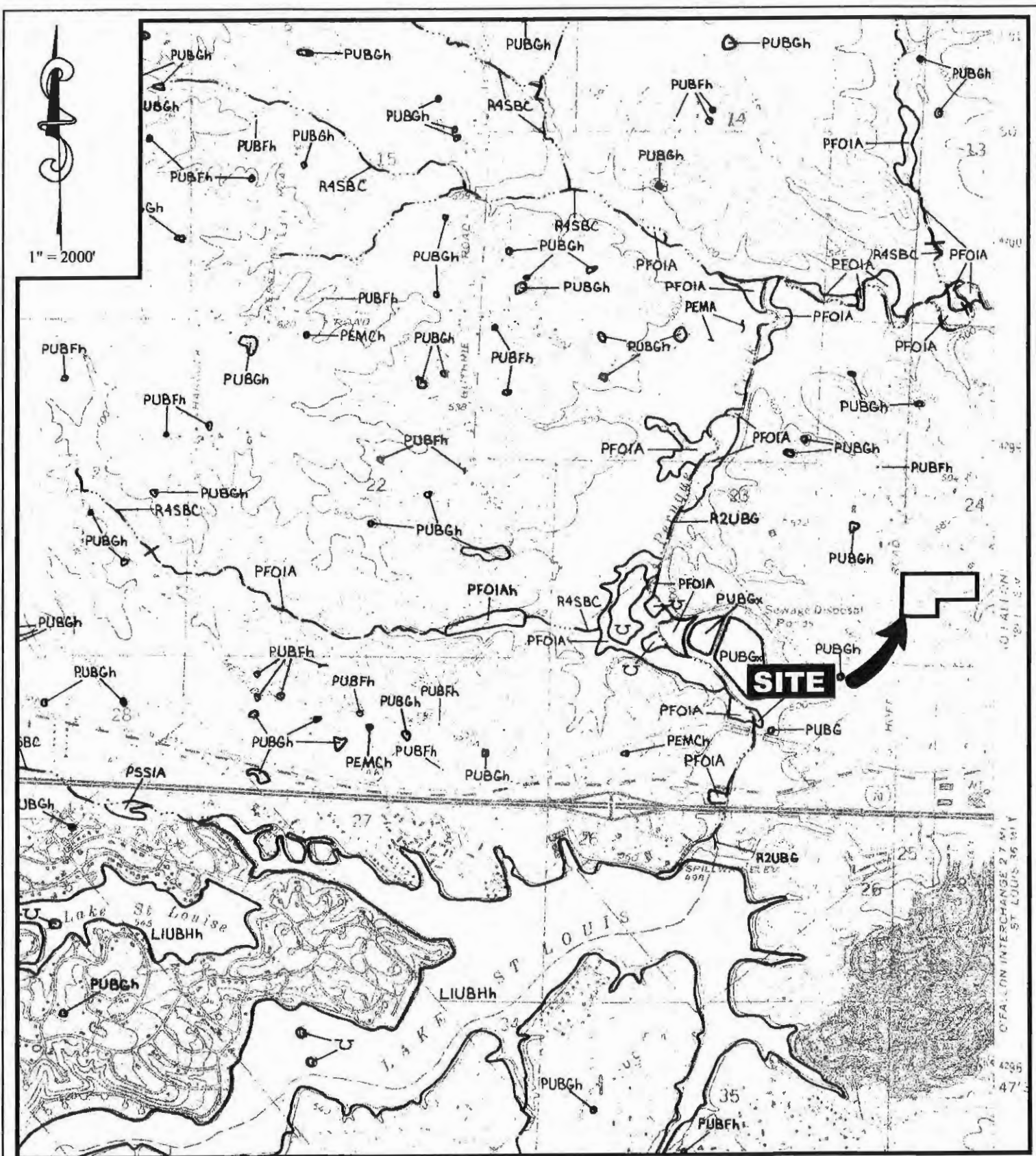


FIGURE 2

REFERENCE  
 NATIONAL WETLANDS INVENTORY MAP  
 WENTZVILLE, MISSOURI QUADRANGLE  
 DATED 1994  
 20' CONTOURS



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LIBERTY INDUSTRIAL PARK  
 O'FALLON, MISSOURI

NATIONAL WETLANDS INVENTORY MAP

JANUARY 2003

SCI NO. 2003-2007.30



Photo 1. Western drainageway within forested area along northern property boundary, facing northwest.



Photo 2. Western drainageway with erosional gully, facing northwest.

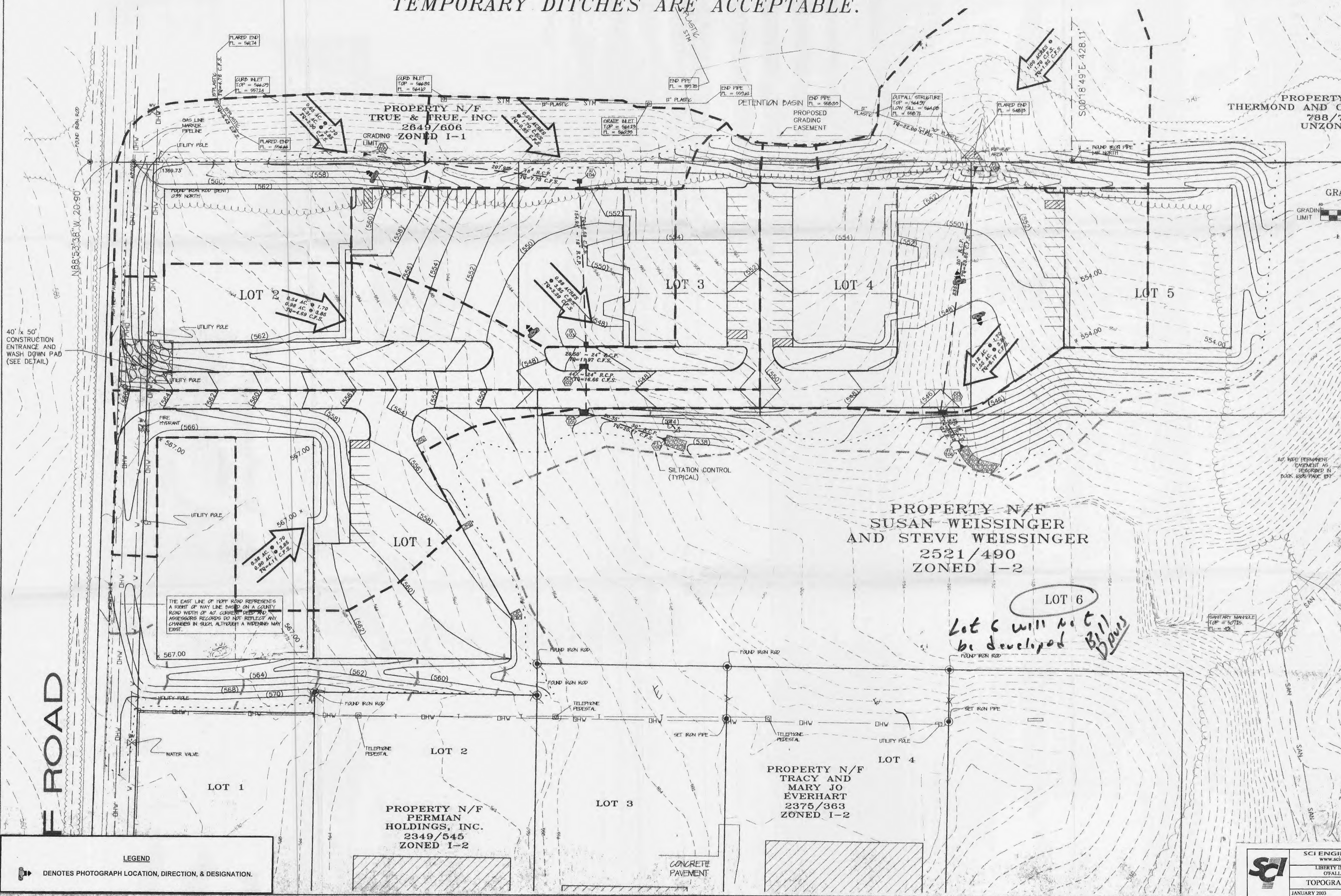


Photo 3. Eastern drainageway with erosional gully, facing north.



Photo 4. Eastern drainageway with erosional gully, facing southeast.

**NOTE TO CONTRACTOR:**  
 ALL LOW PLACES SHOULD BE GRADED TO ALLOW DRAINAGE,  
 TEMPORARY DITCHES ARE ACCEPTABLE.



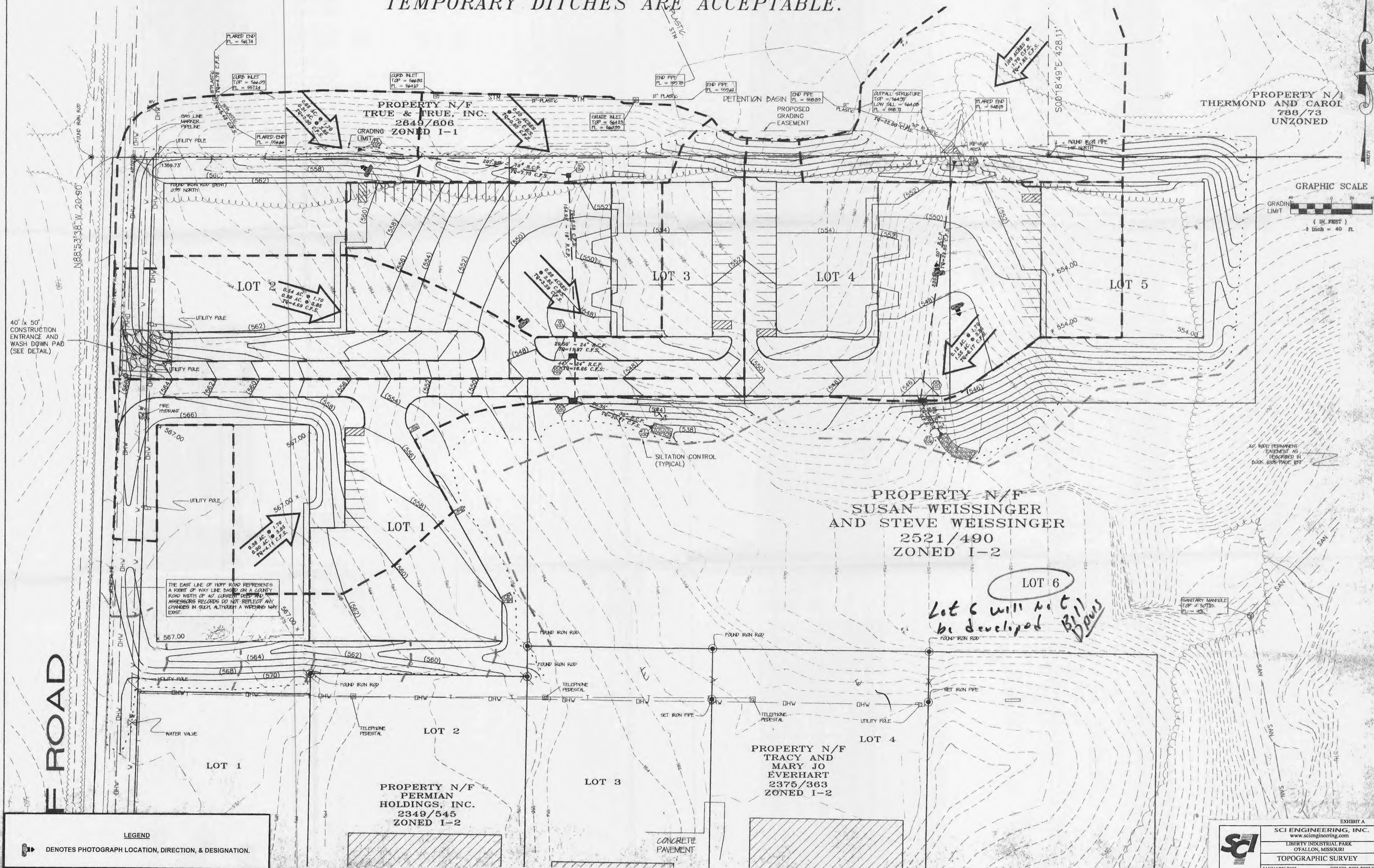
**LEGEND**  
 DENOTES PHOTOGRAPH LOCATION, DIRECTION, & DESIGNATION.

CONCRETE PAVEMENT

CONCRETE PAVEMENT



**NOTE TO CONTRACTOR:**  
**ALL LOW PLACES SHOULD BE GRADED TO ALLOW DRAINAGE,**  
**TEMPORARY DITCHES ARE ACCEPTABLE.**



THE EAST LINE OF HOFF ROAD REPRESENTS A RIGHT OF WAY LINE BASED ON A COUNTY ROAD WIDTH OF 60'. CURRENT DEED AND ASSESSORS RECORDS DO NOT REFLECT ANY CHANGES IN SUCH, ALTHOUGH A WIDENING MAY EXIST.

*Lot 6 will not be developed Bill Davis*

40' x 50' CONSTRUCTION ENTRANCE AND WASH DOWN PAD (SEE DETAIL)

30' WIDE PERMANENT EASEMENT AS DESCRIBED IN DOC. 1005 PAGE 1BT

**LEGEND**  
 DENOTES PHOTOGRAPH LOCATION, DIRECTION, & DESIGNATION.