



August 21, 2015

Yohanes Sugeng, P.E., CFM  
Engineering Manager  
3800 N. Classen Boulevard  
Oklahoma City, OK 73118

Re: Misty Lake Dam, NID No. OK12578 – Application and Plans

Dear Mr. Sugeng:

Submitted under cover of this letter are a signed application for construction and plans for repair work for Misty Lake Dam, cited above. Please review this information at your earliest convenience and contact me at this office if you have any questions or if I may be of assistance.

Yours Sincerely,

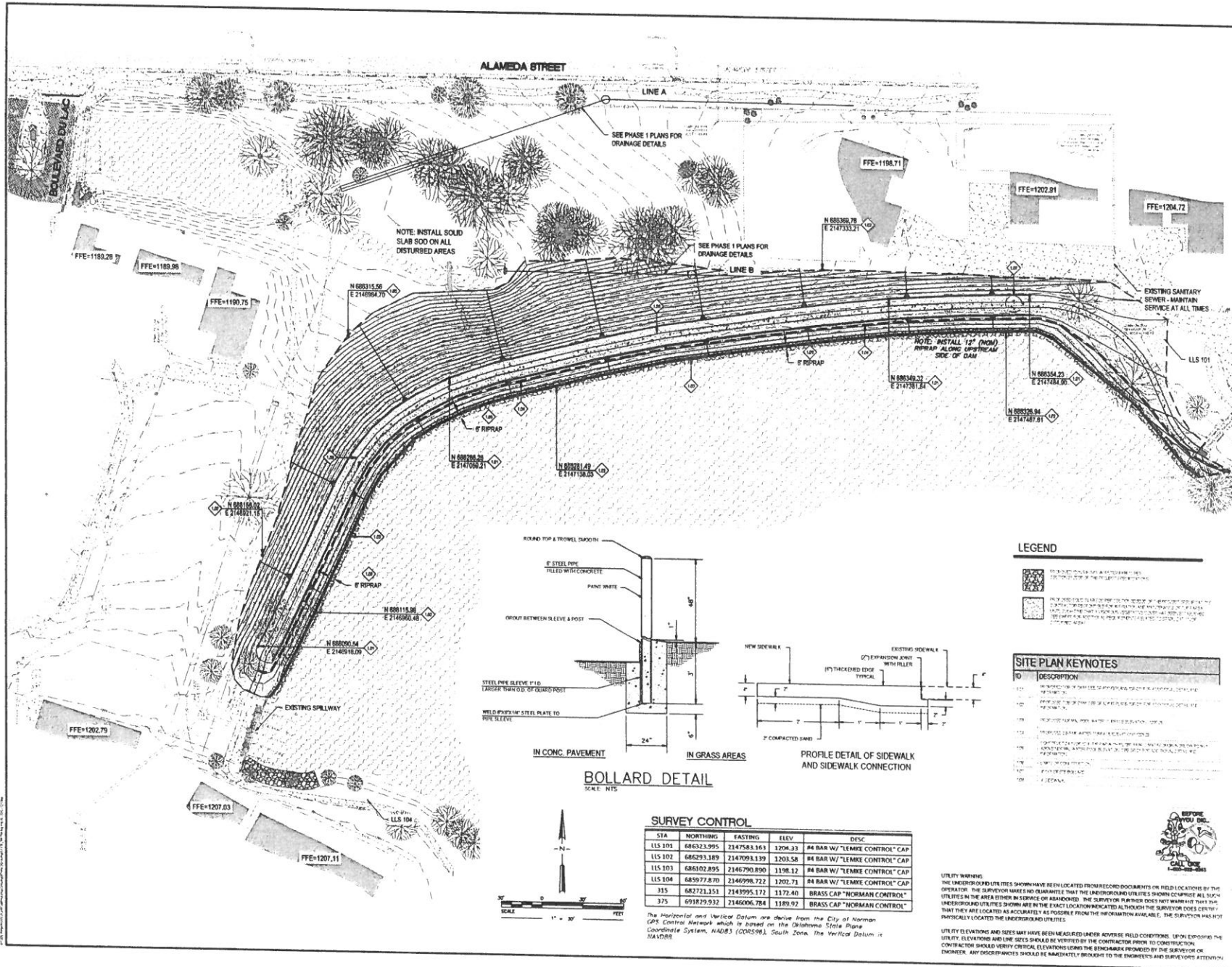


E. O'Neil Robinson, P.E.  
Cardinal Engineering, LLC

cc: file  
Jeff Puckett, Summit Lakes POA  
Curtis Fischer, Summit Lakes Villas  
Scott Sturtz, City of Norman  
Joe Willingham, City of Norman













**APPLICATION TO CONSTRUCT, ENLARGE, REPAIR**

**Print**

**Office Use Only:**  
 Stream System: \_\_\_\_\_  
 HUC 12 No: \_\_\_\_\_  
 Ag Exempt

**OR ALTER DAM AND/OR SPILLWAY**  
**OKLAHOMA WATER RESOURCES BOARD**  
 3800 N Classen Boulevard  
 Oklahoma City, Oklahoma 73118  
 Phone: 405-530-8800 Fax: 405-530-8900

**Office Use Only:**  
 Inventory No.: \_\_\_\_\_  
 County: \_\_\_\_\_  
 Fees: \$ \_\_\_\_\_  Paid

**PRINCIPAL OWNER:**

Name or Organization: Summit Lakes Property Owners Association Point-of-Contact: Jeff Puckett  
 Address: 3260 Marshall Avenue City: Norman State: OK Zip: 73072  
 Phone: Home: 405-409-5524 Business: 405-364-3433 24-Hour Emergency: 405-409-5524

**ADDITIONAL OWNERS:** (Use additional sheets if necessary)

Name: Summit Lakes Villas Homeowners Association - C/O Reliance Property Management  
 Address: 429 E. Robinson, Suite B City: Norman State: OK Zip: 73071  
 Phone Home: \_\_\_\_\_ Business: \_\_\_\_\_ 24-Hour Emergency: \_\_\_\_\_

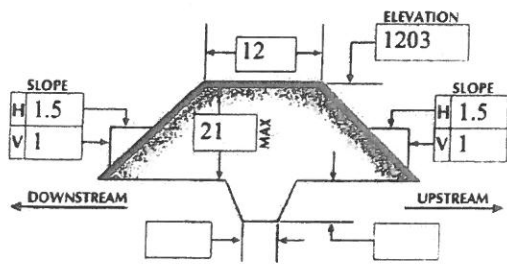
<p><b>STATUS:</b></p> <input type="checkbox"/> New Construction <input type="checkbox"/> Inventory Information Only <input type="checkbox"/> Enlargement <input checked="" type="checkbox"/> Repair <input type="checkbox"/> Alteration <input type="checkbox"/> Other _____	<p><b>TYPE OF DAM:</b></p> <input checked="" type="checkbox"/> Earthfill <input type="checkbox"/> Concrete Buttress <input type="checkbox"/> Rockfill <input type="checkbox"/> Concrete Gravity <input type="checkbox"/> Concrete Arch <input type="checkbox"/> Other _____
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**LOCATION:**

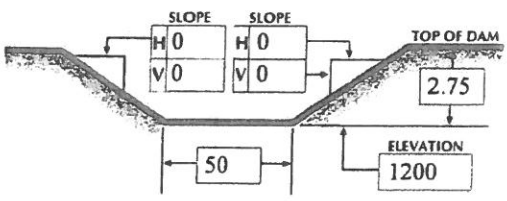
County: Cleveland, NW 1/4, NW 1/4, 1/4, 1/4 Section: 34 Township: 9  N  S Range: 2  WIM  EIM  ECM  
 Latitude: 35.217638 Longitude: -97.402074 Nearest Downstream City or Town: Norman Distance: 0 miles  
 Creek or River: Little River Tributary Watershed: Little River

**DAM AND RESERVOIR INFORMATION:** (if applicable)

**HAZARD CLASSIFICATION:** In accordance with OAC 785:25-3-3  
 Check one:  Low  Significant  High  
**SIZE CLASSIFICATION:** In accordance with OAC 785:25-3-3  
 Check one:  Small  Intermediate  Large



**EMBANKMENT Maximum Section** (fill in data)



**EMERGENCY SPILLWAY Control Section** (fill in data)

Name of Dam: Misty Lakes Dam Length: 750 feet  
 Structural Height: 21 feet (foundation to top) Hydraulic Height: 24 feet (stream bed to top) Volume of Fill: \_\_\_\_\_ feet  
 Drainage Area: 90 acres Yield: \_\_\_\_\_ af/yr Surface Area: \_\_\_\_\_ acres (at principal spillway)  
**Storage**  
 Top of Dam: 171 ac-ft Emergency Spillway: \_\_\_\_\_ ac-ft Principal Spillway: 87 ac-ft  
**Spillway Info**  
 Principal Spillway Type: CONCRETE Size: 8 inches  
 Length: 50 feet Outlet Control Type: \_\_\_\_\_ Maximum Discharge: \_\_\_\_\_ cfs  
**Valley Floor**  
 Valley Floor Pipe Size: 36 inches Valley Floor Elevation: 1179 feet (msl) Maximum Discharge: \_\_\_\_\_ cfs



Exhibit A to Contract K-1617-137

PURPOSE OF STRUCTURE:

- Agriculture
- Flood Control
- Livestock
- Recreation
- Domestic
- Industrial
- Municipal
- Wastewater
- Fish/Wildlife
- Irrigation
- Power
- Other

Please ensure that all necessary permits have been obtained from those Federal, State, and/or local government agencies from which prior approval is required.

ESTIMATED COST OF PROJECT: \$350,000

CONSTRUCTION COMPANY NAME: I thought it was 1700,000

APPLICANT:

Applicant's Signature: Jeff Smith Date: 08-10-2015

Subscribed and sworn to before me this

10<sup>th</sup> day of August 2015  
Month Year

Signature of Notary Public: Diane Hamilton

My commission expires: Nov. 28, 2015



Affix stamp above

ENGINEER:

Engineer's Name: E. O'Neil Robinson Engineering Firm: Cardinal Engineering, LLC

Address: 3700 W. Robinson, Suite 200 City: Norman State: OK Zip: 73072

Phone Home: 405-990-1333 Business: 405-579-0655 24-Hour Emergency: 405-740-9777

(or) Government Agency:

Engineer's Signature: E. O'Neil Robinson Date: 8-4-2015