



A. E. Reiss, P. E.
Reiss and Goodness Engineers
1900 N. Amidon, Suite 218
Wichita, KS 67203-2181

Geohydrology Section
Kansas Geological Survey
1930 Constant Avenue
Lawrence, KS 66047
February 3, 2009

Dear Mr. Reiss:

I have reviewed the information provided to me concerning the City of Smolan's installation of a lift station improvement to the sanitary sewer system. The soils in the area appear to be silt loams and several streams are located in the general area. My concern is whether controls are in place in case of a major rainfall and overflow occurs at the lift station. The soils may permit excessive runoff to the streams or very slow permeability and thus possible flooding in the area.

If these issues are addressed in your planning process then the project should be approved.

The above comments are based on regional geologic conditions and limited information available to the KGS at the time of writing and cannot be used in substitute for a detailed site characterization. Other geologic conditions, not discussed here, or for which the KGS has no knowledge, may affect the viability or safe operation of this facility or property. Geotechnical engineering and design are outside the purview of the KGS. It is the responsibility of the applicant to produce any detailed site characterizations, geotechnical or environmental testing, or design by a licensed professional geologist or engineer to complete the project.

Sincerely,

A handwritten signature in cursive script that reads 'Margaret A. Townsend'.

Margaret A. Townsend
Hydrogeologist

AGENCY REVIEW TRANSMITTAL FORM

Transmittal Date: January 16, 2009

PROJECT TITLE: City of Smolan, Kansas X Intergovernmental Notice
Lift Station & Generator Only X Environmental Review
CONTACT PERSON: A. E. Reiss, P.E.
(316) 832-0213

This form provides notification and the opportunity
For your agency to review and comment on this
Proposed project as required by Executive Order
12372. Please complete Parts II & III as appropriate.
Your prompt response will be appreciated.

RETURN TO:
Reiss & Goodness Engineers
1900 N. Amidon, Suite 218
Wichita, KS 67203

PART I

REVIEW AGENCIES/COMMISSIONS

☒ Agriculture	☒ Geological Survey	☐ State Forester
☐ Biological Survey	☐ Health & Environment	☐ Transportation
☐ Commerce	☐ Historical Society	☐ Water Office
☐ Corporation Comm.	☐ Natural Resources Cons.	☐ Wildlife & Parks
☐ Corps of Engineers	☐ BIA/Indian Nation Contact	☐ Regional Planning
☐ EPA	☐ State Conservation Comm.	☐ U. S. Fish & Wildlife
☐ FEMA	☐ National Park Service	

PART II

AGENCY REVIEW COMMENTS

see attached letter.

PART III (To be completed by review agency & returned to contact person)

RECOMMENDED ACTION COMMENTS

☒ Clearance of the project should be granted	☐ Clearance of the project should not be delayed but the Applicant should address & Clarify the questions or concerns indicated above.
☐ Clearance of the project should not be granted.	
☐ Clearance of the project should be delayed until the issues or questions have been clarified	☐ Request a State Process Recommendation in concurrence with above comments.

DIVISION/AGENCY COMMISSION

Reviewer's Name:

Date:

Margaret A. Townsend

2-3-09



REISS & GOODNESS ENGINEERS

1900 N. AMIDON, SUITE 218 - WICHITA, KANSAS 67203-2181 - (316) 832-0213

January 21, 2009

ENVIRONMENTAL EVALUATIONS OF PROPOSED LIFT STATION AND GENERATOR ONLY

The Lift Station project will consist of a 5 HP duplex submersible non-clog, with a 5' concrete wet well, three phase, five line automatic telephone dialer, flow meter, alarm telemetry, light and horn, complete and operational with all accessories.

The Lift Station will have a 50 KW stand-by power unit.

The Lift Station will have a 50'x 50' chain link fence with a 16' wide entrance gate and a 4' foot high concrete pad close to the Lift Station on a compacted dirt ramp with railing and one warning sign board.

There will be a 16' long, 36" diameter C.M.P. culvert at Lift Station Site.

The operating conditions and the hydraulic data for the duplex submersible non clog lift station are as follows:

<u>Location</u>	<u>Discharge (GPM)</u>	<u>TDH (ft)</u>	<u>HP (min)</u>	<u>Voltage</u>
Lagoon	100	50	5	230 VAC, 4 wire

Operating range can be 40-50' TDH, so HP of the pump needs to be non-overloading throughout the entire curve. Initial pump selection is an Ibarra Pump.

A copy of the Kansas Water Pollution Control Revolving Loan Fund Application is enclosed.

A site map is enclosed.

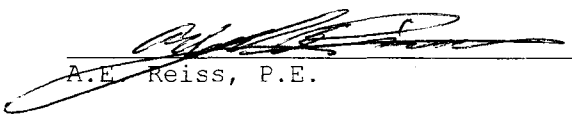
An exact location of the site is enclosed.

The present land use is predominantly dirt and gravel, no vegetation.

We are requesting review and clearance of the project and need to have a response no later than February 21, 2009.

Sincerely,

REISS & GOODNESS ENGINEERS


A.E. Reiss, P.E.

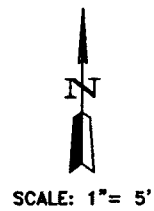
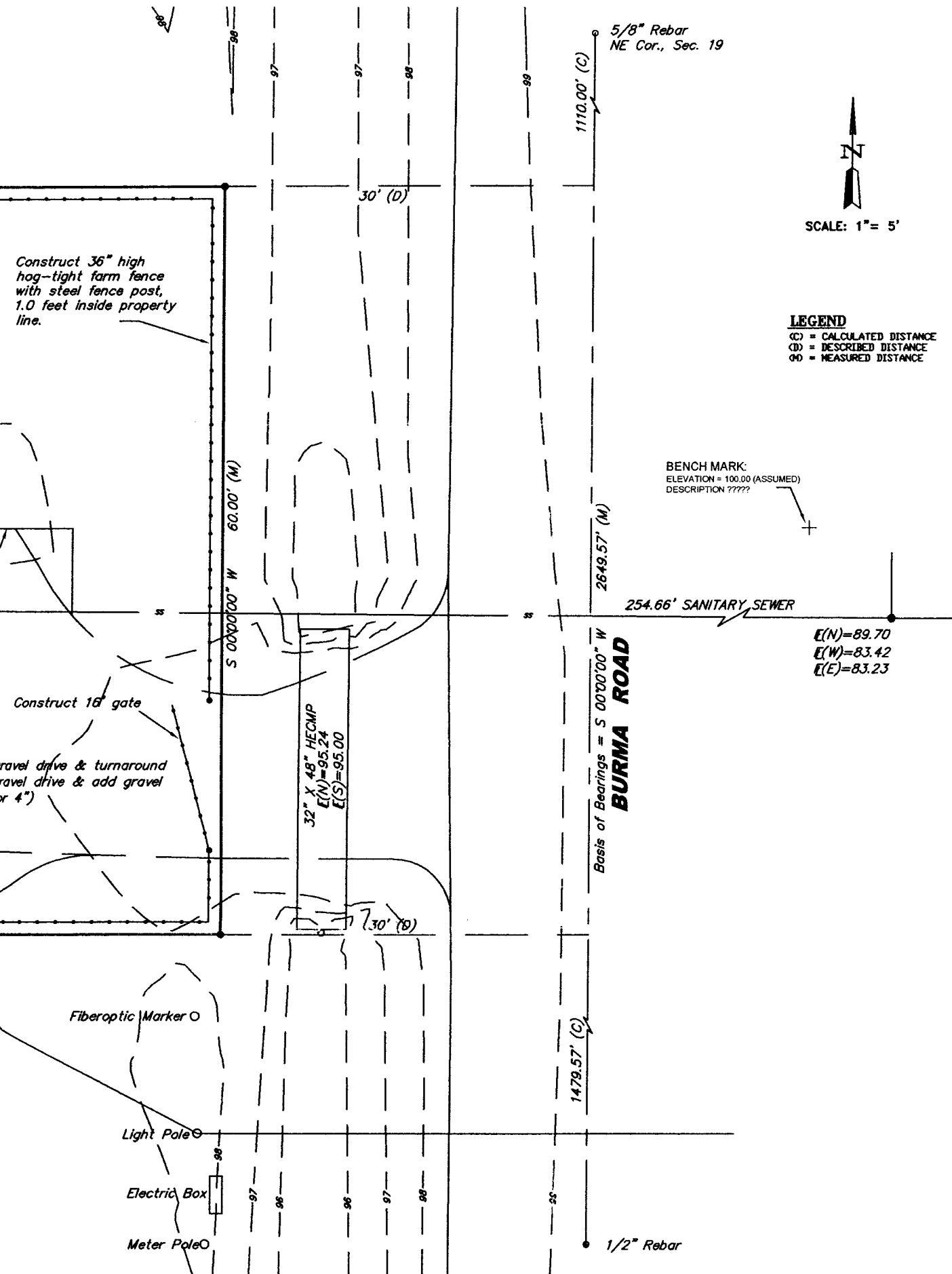
Kansas Department of Health and Environment

APPLICATION FOR SRF LOAN ASSISTANCE		New	Amendment		
Project Number	C 20-171901	Application Type	X		
1. Legal Applicant / Recipient		2. Type of Applicant / Recipient			
Applicant Name	City of Smolan, Kansas	A. City B. County C. Other (Specify) Enter Appropriate Letter A			
Organization Unit	City				
Street / PO Box	120 S. 2nd				
City	Smolan				
County	Saline				
State / Zip code	Kansas 67456-2404				
Contact Person Name	Tom Hawks, Mayor				
Telephone Number	785-666-2457				
3. Title of applicants project		Lift Station and Generator Only			
4. Type of Project		Lift Station and Generator Only			
5. Employer Identification Number		48-0864893			
6. Area of project impact (Names of cities, counties, etc)		Smolan			
7a. Congressional District / Applicant					
7b. Congressional District / Project					
8. Type of change		Increase dollars	\$ 0.00		
		Decrease dollars	\$ 0.00		
9. Proposed Funding					
SRF Loan 9a.	\$ 166,575.00	10. Project Start Date 8-1-08 (Estimated) 11. Project Duration 45 days (Months) 12. Date Submitted 6-27-08 (To KDHE)			
Applicant 9b.	\$ 0.00				
CDBG 9c.	\$ 0.00				
EPA 9d.	\$ 0.00				
EDA 9e.	\$ 0.00				
Other 9f.	\$ 0.00				
Total	\$ 166,575.00				
13. Requested Loan Repayment Period (Must not be over 20 years)		20 yrs			
14. The applicant certifies that: To the best of my knowledge and belief, data in this pre-application / application is true and correct, the document has been duly authorized by the governing body of the applicant and the applicant will comply with the attached assurances if the assistance is approved		This notice of intent / preapplication / application was made available to the state executive order 12372 process for review on: Date			
		15. Certifying Representative <table style="width: 100%;"> <tr> <td style="width: 50%;">Name</td> <td>Tom Hawks</td> </tr> <tr> <td>Title</td> <td>Mayor</td> </tr> </table>		Name	Tom Hawks
Name	Tom Hawks				
Title	Mayor				
Mail completed application to: Kansas Department of Health and Environment Bureau of Water / Attn: Rod Geisler Municipal Programs Section, Suite 420 1000 SW Jackson Street Topeka, KS 66612-1367		If you need assistance please contact: Brenda Diegel Administrative / Finance Section, Suite 420 1000 SW Jackson Street Topeka, KS 66612-1367 785-296-4262			

PROPERTY DESCRIPTION:

CONTAINING 5400 SQ. FT. OR 0.1240 ACRES.

ALL THAT PART OF THE NE 1/4 OF SECTION 19-T.15 S-R.3 W, SALINE COUNTY, KANSAS, DESCRIBED AS FOLLOWS: BEGINNING AT A POINT ON THE EAST LINE OF SAID NE 1/4, SAID POINT BEING N 00°-00'-00" E (ASSUMED), ALONG SAID EAST LINE, 1479.57 FEET FROM THE SE CORNER OF SAID NE 1/4; THENCE S 90°-00'-00" W, 120.00 FEET; THENCE N 00°-00'-00" E, 60.00 FEET; THENCE N 90°-00'-00" E, 120.00 FEET TO THE EAST LINE OF SAID NE 1/4; THENCE S 00°-00'-00" W, ALONG SAID LINE, 60.00 FEET TO THE POINT OF BEGINNING, EXCEPT FOR THE EAST 30.00 FEET NOW IN PUBLIC ROAD RIGHT-OF-WAY.



LEGEND

(C) = CALCULATED DISTANCE
(D) = DESCRIBED DISTANCE
(M) = MEASURED DISTANCE

BENCH MARK:
ELEVATION = 100.00 (ASSUMED)
DESCRIPTION ?????

E(N)=89.70
E(W)=83.42
E(E)=83.23

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REISS & GOODNESS ENGINEERS

1900 N. ARNDSON, SUITE 218
WICHITA, KANSAS 67205
(316) 832-0213



SCALE: NOTED

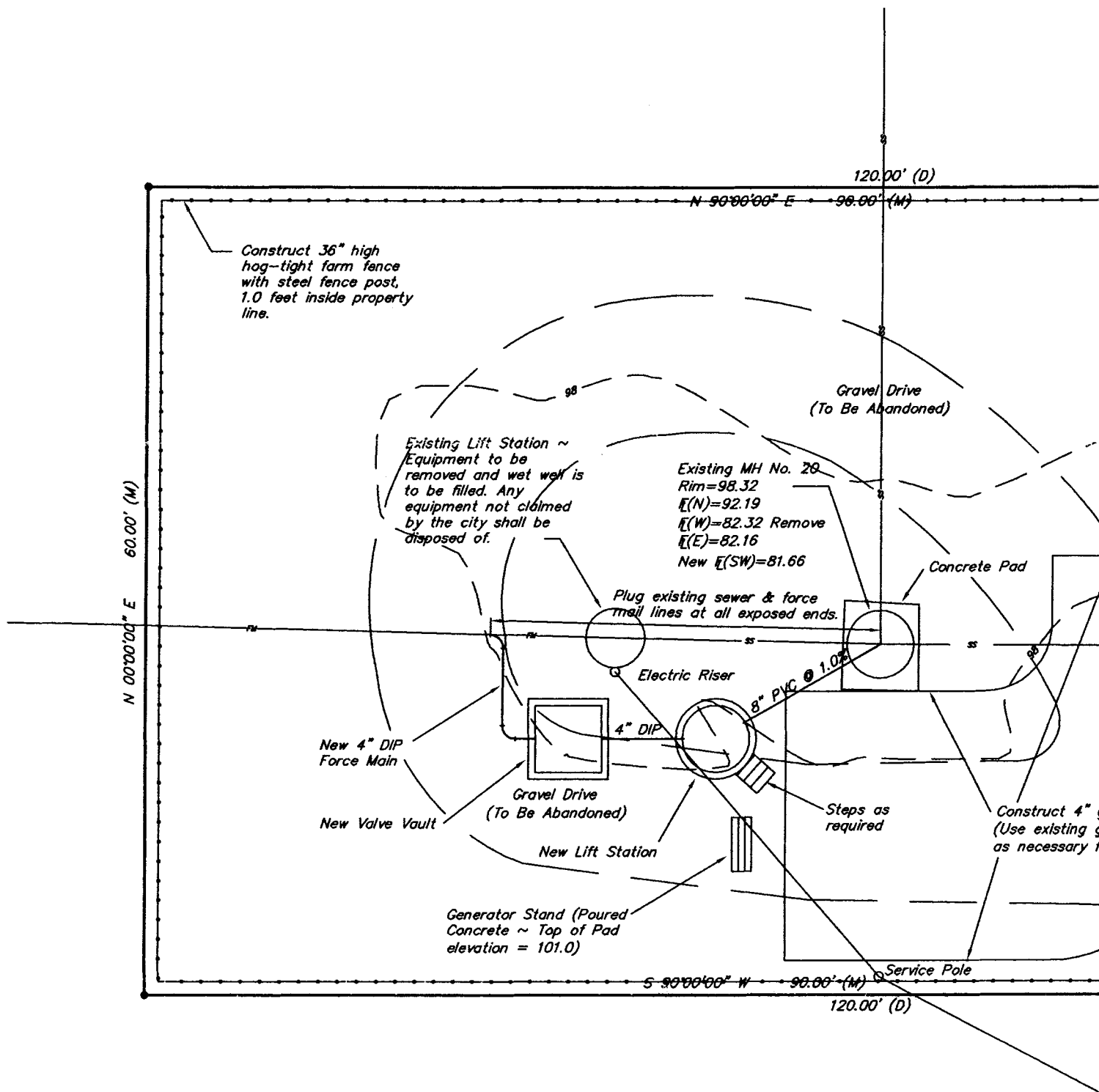
DATE: 8/28/08

PROJECT NO. RW0404

SHEET: 2 of 3

PROJECT

SMOLAN LIFT STATION PLAN LAYOUT



PROPERTY DESCRIPTION:

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