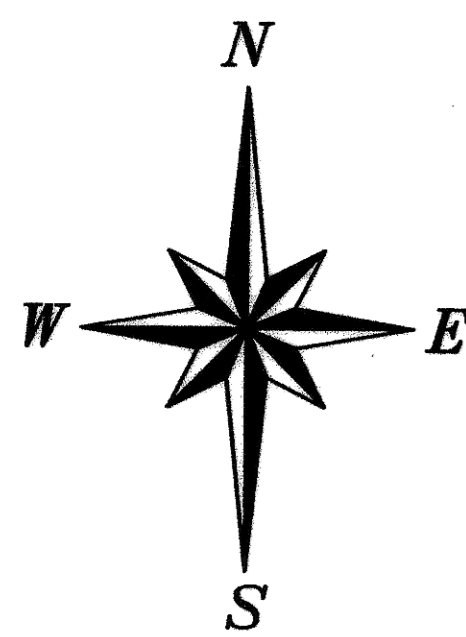
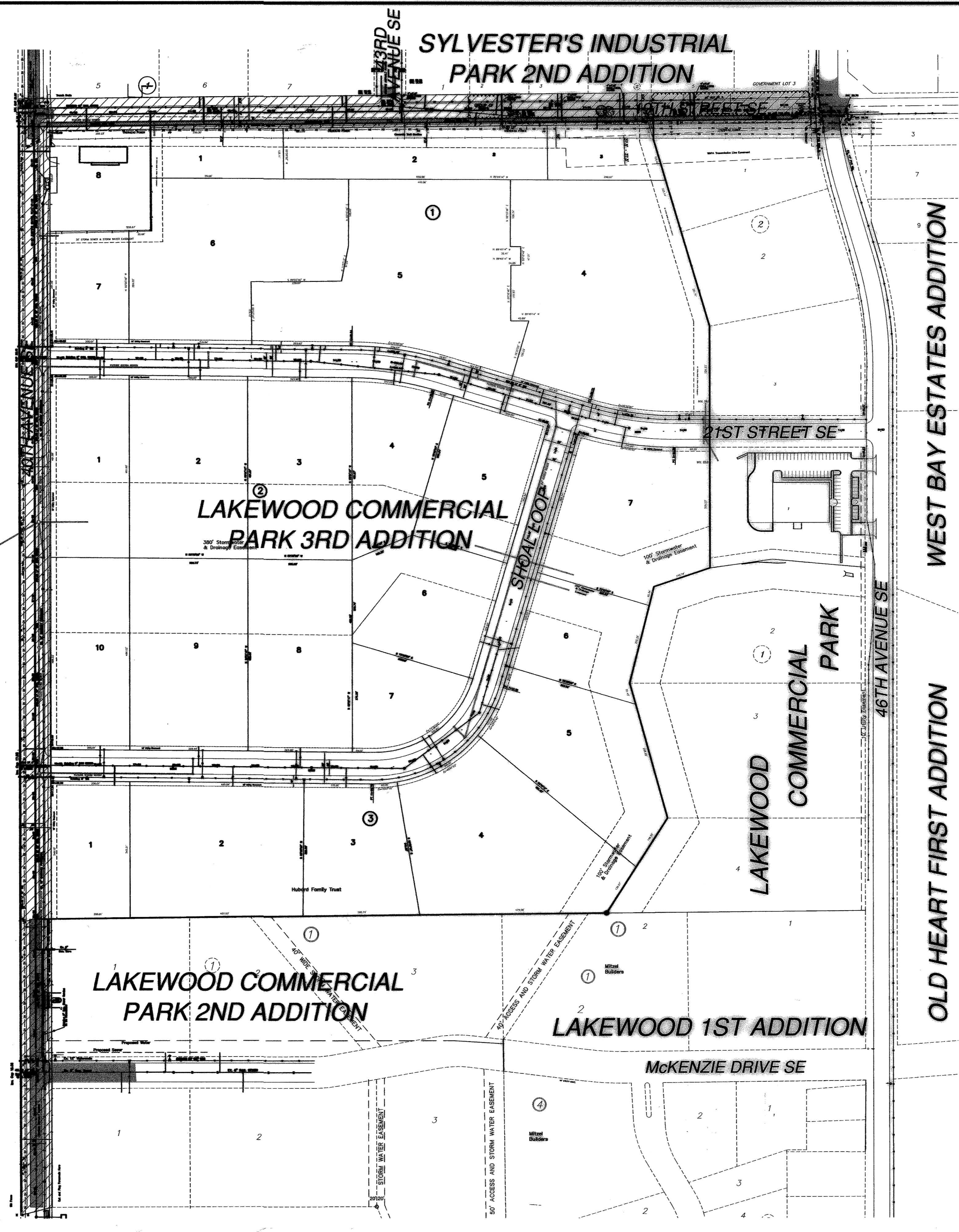
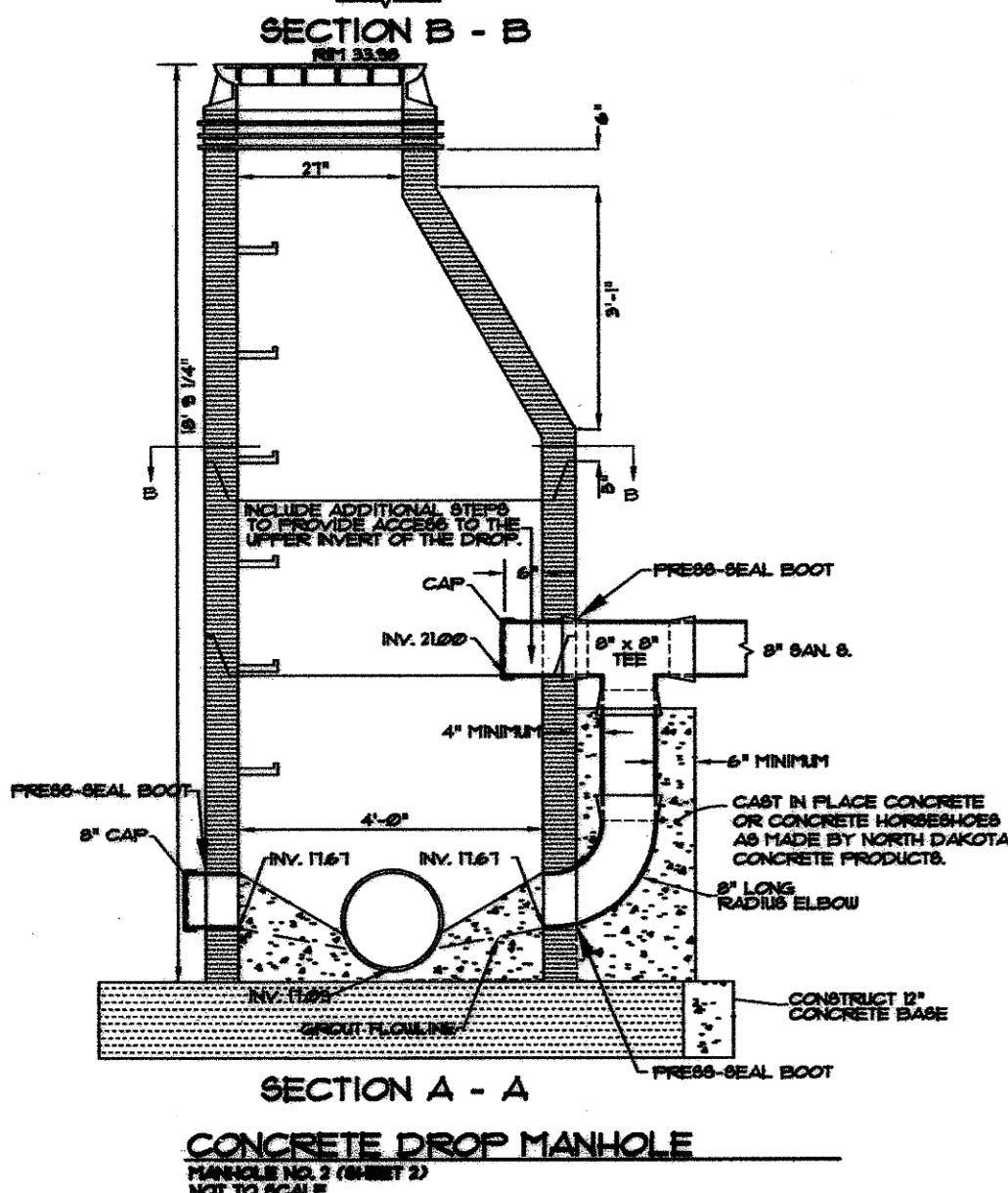
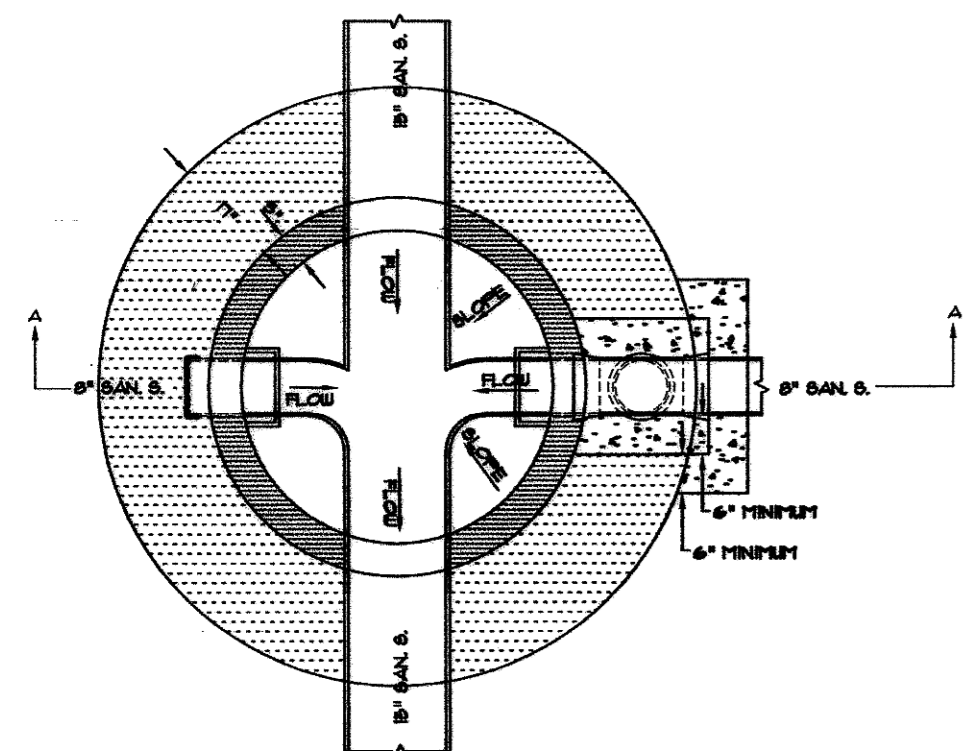


LOCATION MAP



SCALE 1" = 150'  
Overall Schematic  
NOT FOR CONSTRUCTION



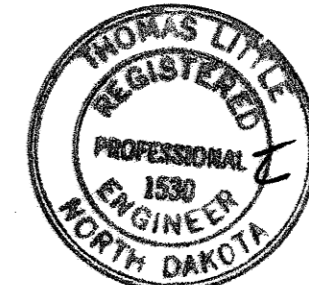
CONSTRUCTION PLANS FOR  
WATER & SEWER  
IMPROVEMENT ON  
40TH AVENUE SE &  
19TH STREET SE  
Mandan, North Dakota

**DESIGN ENGINEER'S CERTIFICATE**  
I, GREGORY J. FESER, A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF NORTH DAKOTA, HEREBY CERTIFY THAT THE PLANS FOR WATER & SANITARY SEWER IMPROVEMENT PROJECT NO. 2005-14, MANDAN, NORTH DAKOTA WERE PREPARED UNDER MY SUPERVISION AND ARE COMPLETE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



*Gregory J. Feser*  
GREGORY J. FESER, P.E.  
REGISTERED PROFESSIONAL ENGINEER  
NORTH DAKOTA REGISTRATION NO. 4680

**APPROVAL OF CITY ENGINEER**  
I, THOMAS LITTLE, CITY ENGINEER FOR THE CITY OF MANDAN, NORTH DAKOTA, HEREBY APPROVE THESE PLANS FOR WATER & SANITARY SEWER IMPROVEMENT PROJECT NO. 2005-14, MANDAN, NORTH DAKOTA AS SHOWN ON THE ACCOMPANYING PLANS.



*Thomas Little*  
THOMAS LITTLE, P.E.  
REGISTERED PROFESSIONAL ENGINEER  
CITY ENGINEER  
MANDAN, NORTH DAKOTA

**DESIGN ENGINEER**  
SWENSON, HAGEN & CO.

**SHEET INDEX**

TITLE PAGE	SHEET 1
40TH AVENUE SE - 350' SOUTH OF MCKENZIE DRIVE SE TO SHOAL LOOP	SHEET 2
40TH AVENUE SE - SHOAL LOOP TO 21ST STREET SE	SHEET 3
40TH AVENUE SE - 21ST STREET SE TO 19TH STREET SE	SHEET 4
19TH STREET SE - 40TH AVENUE SE TO 300' EAST OF 43RD AVENUE SE	SHEET 5
19TH STREET SE - 300' EAST OF 43RD AVENUE SE TO 46TH AVENUE SE	SHEET 6

Contractor: Robert Gibb & Sons, Inc.  
Completion Date: September 20, 2005  
Materials: Watermain - C900 PVC  
Sanitary Sewer - SDR 35 PVC  
**WARRANTY / DISCLAIMER**

The designs represented in these plans are in accordance with established practices of civil engineering. However, neither Swenson, Hagen & Co. nor its personnel can or do warranty these plans as constructed except in the specific cases where Swenson, Hagen & Co. personnel inspect and control the physical construction on a full time basis.

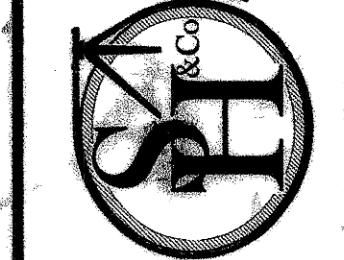
**SAFETY NOTICE TO CONTRACTOR**

In accordance with generally accepted construction practices the Contractor will be solely and completely responsible for conditions of the job site, including safety of all persons and property during performance of the work. This requirement will apply continuously and not be limited to normal business hours.

**UTILITY NOTICE TO CONTRACTOR**

The location of existing underground utilities are shown in an approximate way only and have not been independently verified by the Owner or its representatives. The Contractor shall determine the exact location of all existing utilities before commencing work, and agrees to be fully responsible for any and all damages which might be occasioned by the Contractor's failure to exactly locate and preserve any and all underground utilities. Underground locates can be made by using the "One Call" number 1-800-795-0555.

SWENSON, HAGEN & COMPANY P.C.  
400 Basin Avenue P.O. Box 1185  
Bismarck, North Dakota 58104  
swensonhagen.com  
505.755.1111  
Fax: (701) 242-2800



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CHECK BY: GJF  
DATE: 05-11-05  
FILE DESC: Water/  
Sewer/Grading Plans  
COMPUTER FILE:  
SURVEY FILE:

**SHEET**  
1 OF 6

Record Drawing

WATER & SEWER IMPROVEMENT  
DISTRICT NO. 47 PROJECT NO. 2005-14