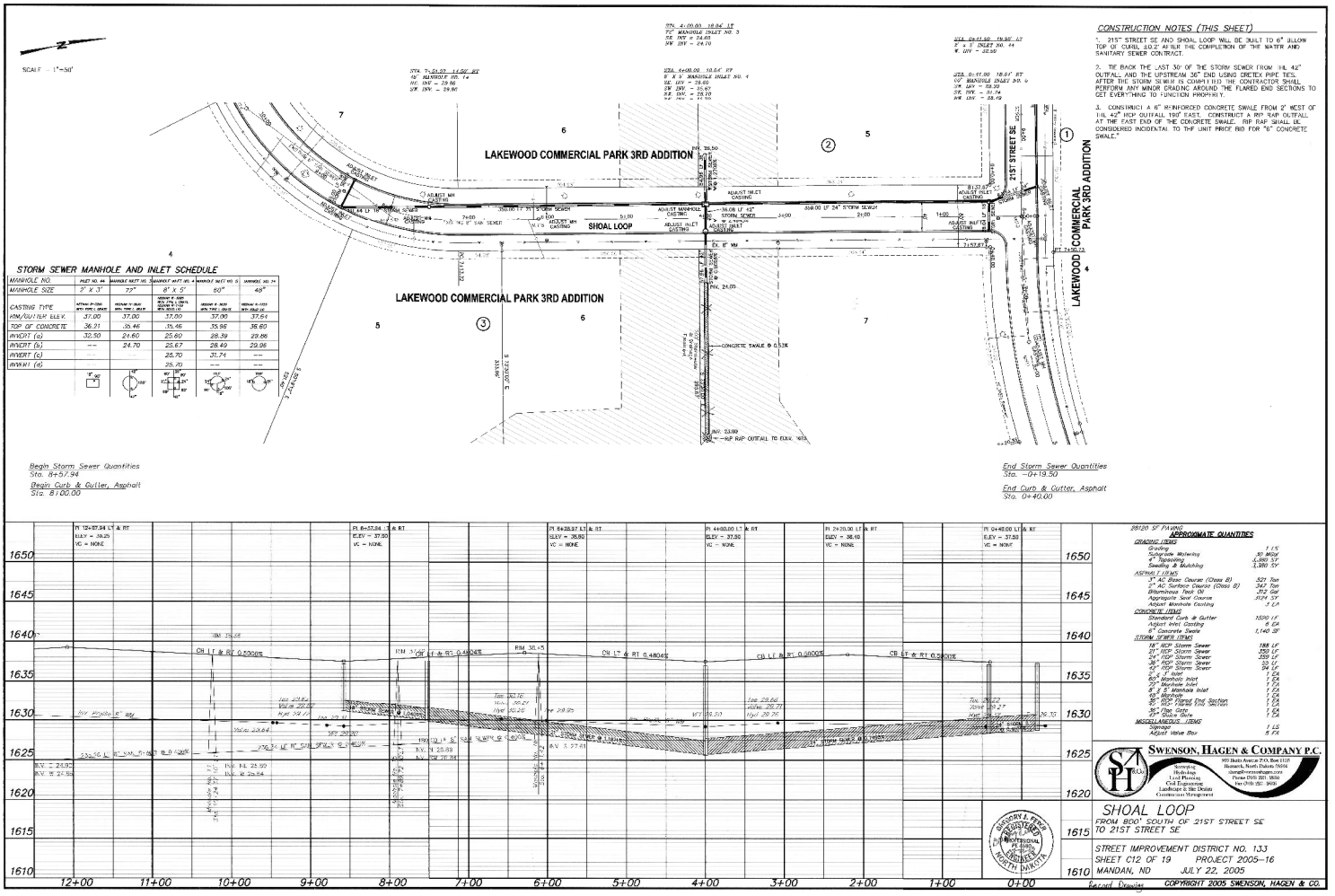

MANHOLE NO.	MH NO. 44	MANHOLE MH NO. 3	MANHOLE MH NO. 4	MANHOLE MH NO. 5	MANHOLE NO. 24
MANHOLE SIZE	5' X 5'	72"	6' X 5'	60"	48"
CASTING TYPE	NEENAH R-1550 WITH TYPE I GRATE	NEENAH R-1550 WITH TYPE I GRATE	NEENAH R-1550 WITH TYPE I GRATE AND R-1550 LID	NEENAH R-3010 WITH TYPE I GRATE	NEENAH R-1733 WITH TYPE I GRATE
RIM/GUTTER ELEV.	37.00	37.00	37.00	37.90	37.64
TOP OF CONCRETE	36.71	35.46	35.46	35.96	36.60
INVERT (a)	32.50	24.60	25.60	28.39	29.66
INVERT (b)	---	24.70	25.67	28.49	29.06
INVERT (c)			25.70	31.74	---
INVERT (d)			25.70	---	---

28120 SY PAVING

APPROXIMATE QUANTITIES

GRADING ITEMS	
Grading	1 LS
Subgrade Watering	30 MGal
4" Topsoiling	1,980 SY
Seeding & Mulching	1,980 SY
ASPHALT ITEMS	
3" AC Base Course (Class B)	521 Ton
2" AC Surface Course (Class B)	347 Ton
Bituminous Tack (B	312 Gal
Aggregate Seal Course	3124 SY
Adjust Manhole Casting	7 EA
CONCRETE ITEMS	
Standard Curb & Gutter	1590 LF
Adjust Inlet Casting	6 EA
6" Concrete Swale	1,140 SF
STORM SEWER ITEMS	
18" RCP Storm Sewer	188 LF
24" RCP Storm Sewer	350 LF
30" RCP Storm Sewer	159 LF
36" RCP Storm Sewer	53 LF
42" RCP Storm Sewer	94 LF
5' x 5' Inlet	1 EA
60" Manhole Inlet	1 EA
72" Manhole Inlet	1 EA
5' x 6' Manhole Inlet	1 EA
18" RCP Flared End Section	1 EA
30" RCP Flared End Section	1 EA
30"-18" Flared End Section	1 EA
36" Flap Gate	1 EA
Grate Inlet	1 EA
MISCELLANEOUS ITEMS	
Signage	1 LS
Adjust Valve Box	5 EA

SWENSON, HAGEN & COMPANY P.C.
Surveying
Mobile Mapping
Civil Engineering
Civil Engineering
Landscape & Site Design
Construction Management
909 Basin Avenue P.O. Box 1118
Bismarck, North Dakota 58502
Phone (701) 223-3800
Fax (701) 223-3900

SHOAL LOOP

FROM 800' SOUTH OF 21ST STREET SE TO 21ST STREET SE

STREET IMPROVEMENT DISTRICT NO. 133
SHEET C12 OF 19 PROJECT 2005-16
MANDAN, ND JULY 22, 2005

Record Drawing

GREGORY J. FRIESE
REGISTERED
PROFESSIONAL
ENGINEER
NORTH DAKOTA

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