

CIRCULAR
 Da 07°29'41" PI Sta 13+53.49
 T 194.16 N 438583.62
 R 764.49 E 1858679.39
 L 380.28 128°30'02"L

EOP 17+67.66
 N 439003.96
 E 1858639.63

PI STA 10+64.96 RT
 PI EL 1963.22
 CURVE LEN 50.00

PI STA 11+64.96 RT
 PI EL 1967.22

PI STA 12+41.01 RT
 PI EL 1968.48

PI STA 13+08.51 LT & RT
 PI EL 1970.50
 END CURB

FUTURE PI STA 15+40.00 LT & RT
 PI EL 1977.00
 CURVE LEN 100.00

FUTURE PI STA 17+42.38 LT & RT
 PI EL 1978.02

CONSTRUCTION NOTES

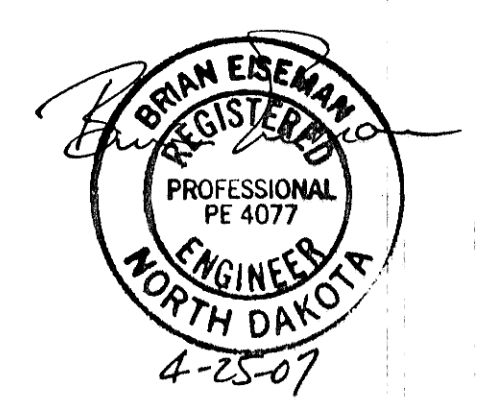
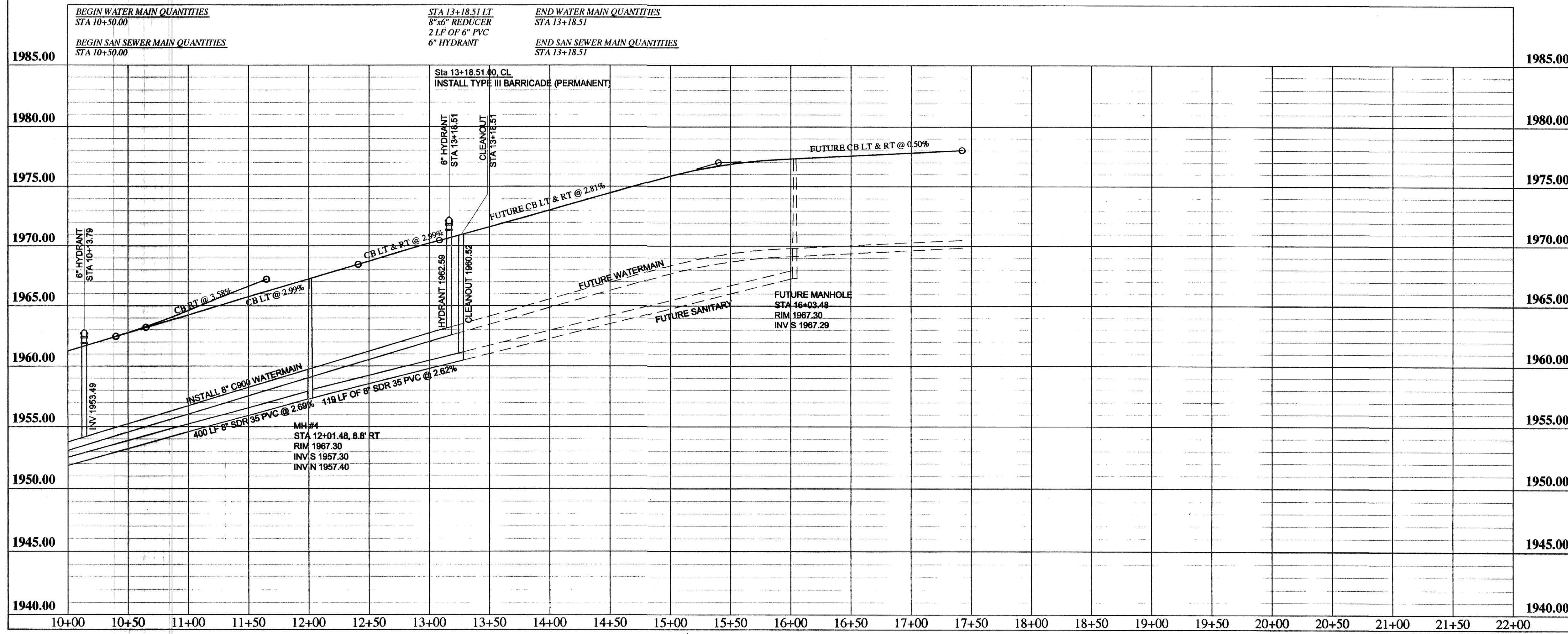
- UTILITY LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UTILITIES PRIOR TO ANY CONSTRUCTION ACTIVITY. THE NORTH DAKOTA "ONE-CALL" NUMBER IS 1-800-795-0555.
- APPROXIMATE TOP OF ROAD SUBGRADE SHALL BE BY OTHERS, PRIOR TO CONSTRUCTION. CONTRACTOR WILL HAVE TO SHAPE SUBGRADE AS REQUIRED TO CONSTRUCT ROADWAYS.
- CONTRACTOR SHALL PROTECT ALL SURVEY MONUMENTS. MONUMENTS SHALL BE LOCATED AND MARKED BY THE OWNER'S REPRESENTATIVE. MONUMENTS DISTURBED OR DESTROYED SHALL BE REPLACED BY THE OWNER'S REPRESENTATIVE AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL ASPHALT PAVEMENT AND CURB & GUTTER TO A LEGAL OFF SITE LOCATION AS REQUIRED TO MAKE TIE-INS TO THE EXISTING STREETS.
- THE CITY OF MANDAN WILL HIRE AN INDEPENDENT TESTING LABORATORY TO COMPLETE ALL REQUIRED TESTING. SCHEDULING AND COORDINATION OF ALL TESTING WILL BE THE CONTRACTOR'S RESPONSIBILITY.
- WATER AND SEWER ON 34TH AVENUE AND 45TH STREET SHALL BE COMPLETED BY OTHERS PRIOR TO PAVING.

Lot	Block	4" Sanitary Sewer Pipe	4" x 4" Bend	8" x 4" Wye Branch	1" Poly. Service Line	1" Water Service Connection	1 1/4" x 1" Box	Approximate Curb Stop Location (Station)	MH #	Station	Direction	Approx. Wye Location
14	1	28	1	1	70	1	1	10+72.4	3	2+59	E	
15	1	30	1	1	70	1	1	11+35.7	3	3+22	E	
2	4	45	1	1	70	1	1	12+77.3	4	0+59	E	
TOTAL		103	3	3	210	3	3					

Manhole Number	4
Casting Elev.	1967.30
Top P.C. Section	1966.26
Invert Elev. N	1957.40
Invert Elev. E	-
Invert Elev. S	1957.30
Invert Elev. W	-
Length P.C. Section	8.96

APPROXIMATE QUANTITIES

Item	Quantity
Paving Items	
Subgrade Prep	1355 SY
Watering	6 MGal
AC Stabilized Base	164 Ton
Asphalt Cement - Base (PG58-28)	11 Ton
AC Surfacing Course	131 Ton
Asphalt Cement - Surface (PG58-28)	9 Ton
Bituminous Tack Coat	59 Gal
Bituminous Seal Coat	400 Gal
Cover Aggregate	17 Ton
Blotter Aggregate	1 Ton
Curb and Gutter (Unreinforced)	458 LF
Adjust Manhole	1 EA
Type III Barricade (Permanent)	1 EA
San. Sewer Items	
8" Sanitary Sewer Pipe	273 LF
4" Sanitary Sewer Service	103 LF
8" x 4" PVC Wyes	3 EA
Pitrun Gravel	54 TON
Subcut Gravel	8 TON
Rock Excavation	5 TON
Concrete Manhole	1 EA
Cleanout	1 EA
Watermain Items	
Pitrun Gravel	95 TON
Subcut Gravel	10 TON
Rock Excavation	5 TON
8" Watermain	269 LF
6" Watermain	2 LF
6" Hydrant	1 EA
1" Copper Service	210 LF
1 1/4" Curb Stop & 1" Box	3 EA
1" Service Connection	3 EA



RECORD DRAWING

Rev'd.	MEADOWS 2ND ADDITION STREET IMPROVEMENT DISTRICT NO. 2005-28 MANDAN, NORTH DAKOTA	SHEET NO. 7
Kadmas Lee & Jackson Engineers Surveyors Planners	37TH AVENUE PLAN AND PROFILE	DATE 04/28/06
DRN. BY ADA	CHKD BY BE	CMP. NO. 1406103
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