

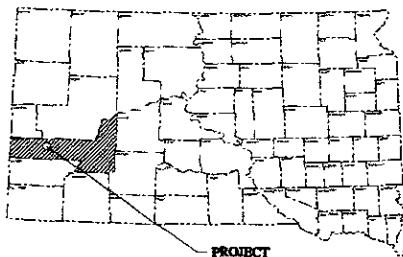
# FLANNERY SUBDIVISION

## Rapid City, South Dakota

### SANITARY SEWER CONSTRUCTION

NOTE:

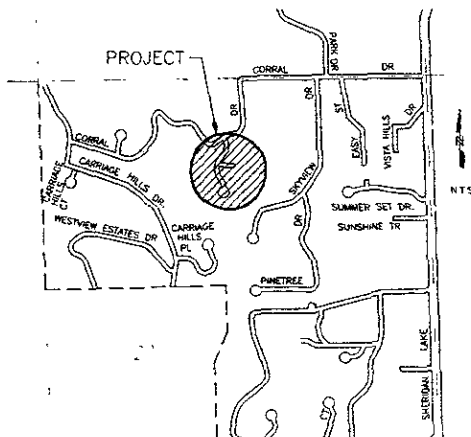
### SEPTEMBER 2000



**GENERAL NOTES**

1. ALL CONSTRUCTION SHALL BE DONE ACCORDING TO THE CITY OF RAPID CITY STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION 1994 EDITION AND THE CITY OF RAPID CITY UTILITY CONSTRUCTION CODE 1988 EDITION.
2. THE INFORMATION ON THESE DRAWINGS CONCERNING THE TYPE, SIZE AND LOCATION OF UTILITIES HAS BEEN SHOWN BASED UPON THE BEST INFORMATION AVAILABLE. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE EXACT LOCATION OF ALL UTILITIES PRIOR TO BEGINNING CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITIES IN PLACE.
- SOUTH DAKOTA ONE CALL  
1-800-781-7474
3. THE BASIS OF BEARINGS IS THE WEST LINE OF TRACT A OF THE NE 1/4 OF THE NW 1/4 SECTION 21, T1N, R7E, B9M.
4. BENCHMARK IS POINT TP 1 FROM CORRAL DRIVE REHABILITATION PROJECT. A 3/8" SPIKE LOCATED ON THE NORTH SIDE OF CORRAL DRIVE, 3630 FEET NORTHWEST OF THE INTERSECTION OF IRELAND PLACE AND CORRAL DRIVE.

DEVELOPER: KELLY FLANNERY  
1012 E. CENTRE ST.  
RAPID CITY, SD 57701  
(605) 343-0440



SECTION 21, T1N, R7E, B9M

PROJECT VICINITY MAP

**INDEX OF SHEETS**

SHEET 1	TITLE PAGE, WORKY MAP, SHEET INDEX AND GENERAL NOTES
SHEET 2	SANITARY SEWER PLAN AND PROFILE IRELAND PLACE STA 1+02.40 TO STA 6+80
SHEET 3	IRELAND PLACE STA 6+80 TO STA 12+52.51
SHEET 4	DUBLIN COURT STA 1+00 TO STA 4+97.19

\*THE INFORMATION ON SHEETS 2 - 4 DETAILING CURBS AND GUTTER, CHANGING STRUCTURES, AND PAVEMENT SECTION REPLACES THE INFORMATION CONTAINED BY THE APPROVED PLANS FOR FLANNERY SUBDIVISION DATED MAY, 1999 (REV 99-340)

\* NOTE: CURB AND SIDEWALK AS SHOWN ON THE PLANS DATED 5/1/99 SHALL BE CONSTRUCTED AS PROPOSED REQUIRED.

**LEGEND**

---	EXISTING WATER SERVICE	SS	SEE TRAIL
---	EXISTING WATER MAIN	FE	COVER TRAIL
---	EXISTING WATER MAIN	E	EXISTING UNDER GROUND ELECTRIC
---	EXISTING FIRE HYDRANT	FF	EXISTING OVERHEAD ELECTRIC
---	EXISTING TELEPHONE SERVICE LINE	TL	ELECTRIC ANCHOR BOX
---	EXISTING MANHOLE	M	UTILITY POLE
---	EXISTING UNDER GROUND TELEPHONE	UT	OUR WIRE
---	TELEPHONE ANCHOR BOX	AB	5" PVC SANITARY SEWER PROPOSED SANITARY SERVICE LINE
---	EXISTING GAS LINE	G	PROPOSED MANHOLE
---	SEWER LINE	S	
---	COUNTY LINE	C	

REVIEWED BY CITY ENGINEERING DIVISION

*[Signature]* DATE: 09-20-00

DESIGNED BY: *[Signature]* DATE: 08-01-00

PROJECT: *[Signature]* DATE: 09-20-00

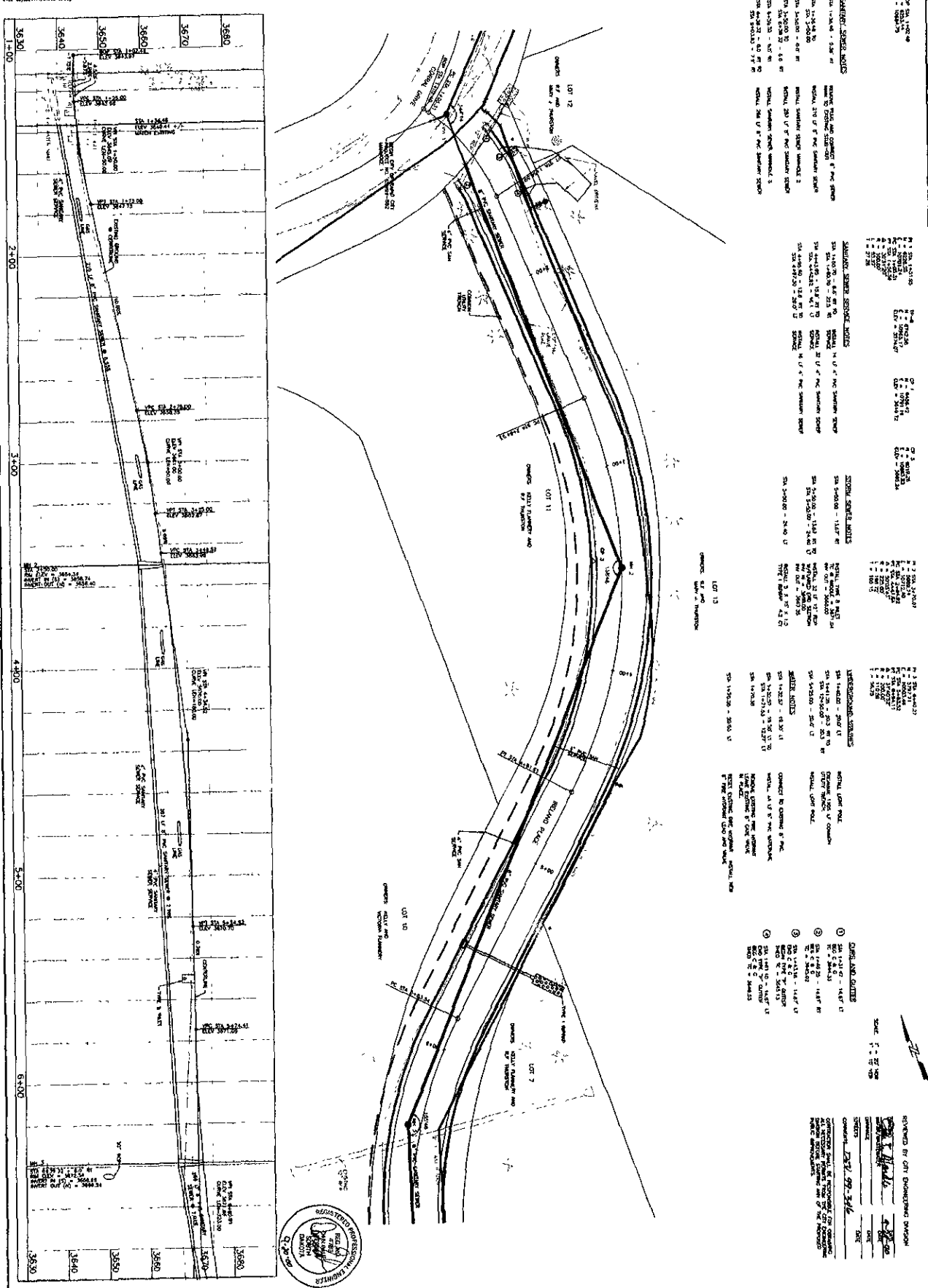


**ENGINEER'S CERTIFICATION**

I HEREBY CERTIFY THAT THESE PLANS WERE PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED ENGINEER UNDER THE LAWS OF SOUTH DAKOTA.

*[Signature]*  
DAN FERBER, P.E.  
REGISTRATION NUMBER 4783





**STANDARD SPECIFICATIONS NOTES**

SECTION 100 - GENERAL NOTES

SECTION 101 - MATERIALS

SECTION 102 - CONSTRUCTION

SECTION 103 - UTILITIES

SECTION 104 - TRAFFIC CONTROL

SECTION 105 - ENVIRONMENTAL PROTECTION

SECTION 106 - SAFETY

SECTION 107 - SIGNAGE

SECTION 108 - LIGHTING

SECTION 109 - SOUND BARRIERS

SECTION 110 - BRIDGES

SECTION 111 - TUNNELS

SECTION 112 - STRUCTURES

SECTION 113 - SPECIAL NOTES

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SECTION 107 - SIGNAGE

SECTION 108 - LIGHTING

SECTION 109 - SOUND BARRIERS

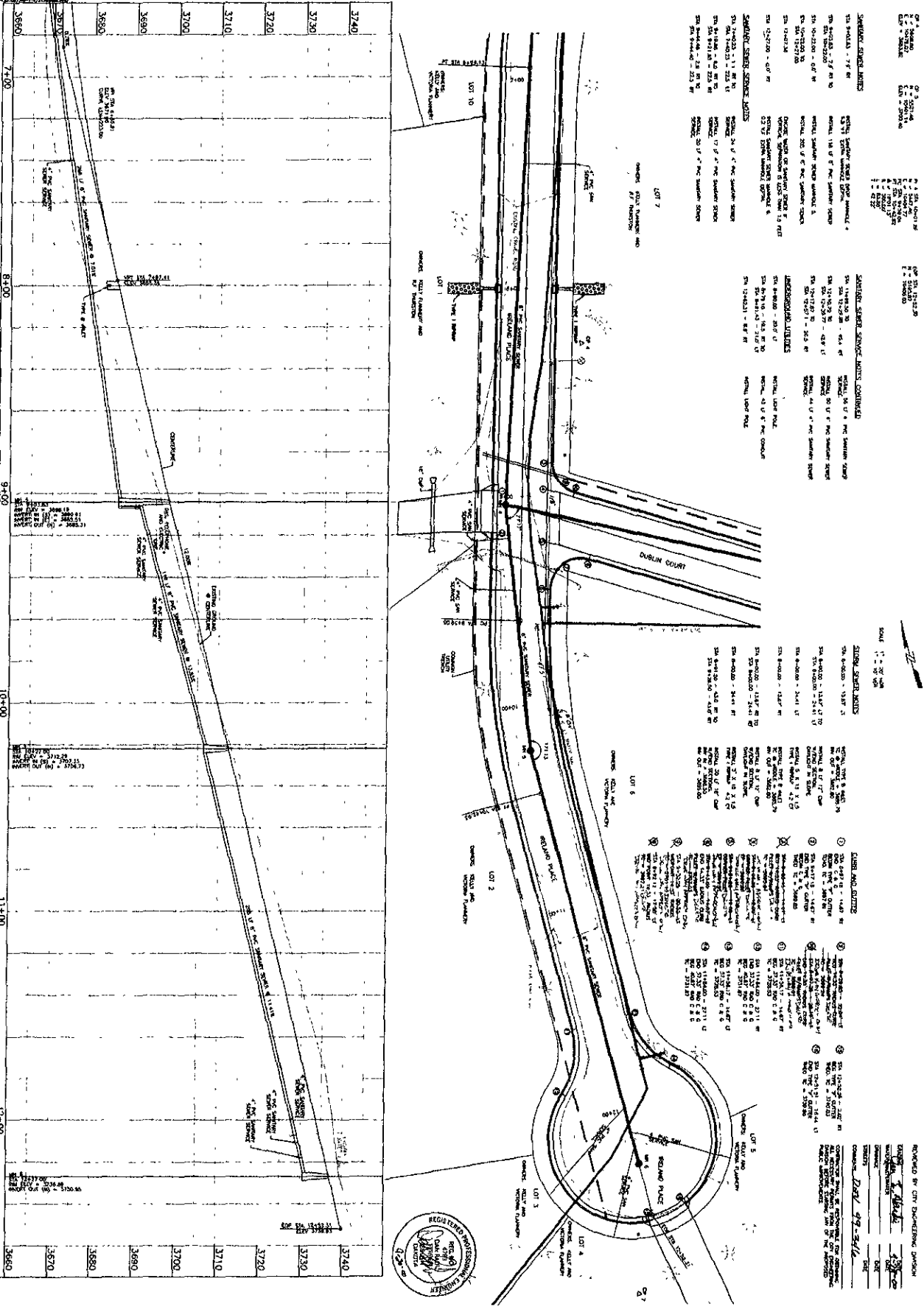
SECTION 110 - BRIDGES

SECTION 111 - TUNNELS

SECTION 112 - STRUCTURES

SECTION 113 - SPECIAL NOTES

SHEET NO. <b>Z/4</b>	PROJECT NO. <b>119-89-89</b>	<b>FLANNERY SUBDIVISION</b> <b>PLAN AND PROFILE STA 1+02.49 TO STA 6+80</b> <b>RELAND PLACE</b>		<b>FERBER ENGINEERING COMPANY</b> CONSULTING ENGINEERS AND LAND SURVEYORS 2471 STURGIS ROAD RAPID CITY, SD 57702 (605) 345-5111	DATE SEP 19 2006	DRAWN BY DRS	CHECK'D BY DRS	REVISION 1 2 3 4	APPROVED BY [Signature]
		SCALE 1"=20' HOR 1"=10' VER	PROJECT 119-89-89		SHEET Z/4	DATE SEP 19 2006	DRAWN BY DRS	CHECK'D BY DRS	REVISION 1 2 3 4



SHEET NO. 374  
 PROJECT NO. J88-119  
 DATE: SEP 19, 2006  
 SCALE: 1" = 20' HOR, 1" = 10' VERT  
 DRAWN: DRS  
 DESIGN: JRV  
 CHECK: D OFF  
 REVISION: 12/7/06  
 CITY: WEST CHESTER  
 COUNTY: DE  
 PROJECT: J88-119  
 SHEET: 374 OF 374  
 APPROVED: [Signature]  
 REGISTERED PROFESSIONAL ENGINEER  
 STATE OF DELAWARE  
 NO. 10168  
 EXPIRES: 12/31/07

**SECTION 1: STAKE PLACEMENT**  
 STATION 7+00 TO 7+25  
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 STATION 7+50 TO 7+75  
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**SECTION 4: STAKE PLACEMENT**  
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**SECTION 5: STAKE PLACEMENT**  
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**SECTION 6: STAKE PLACEMENT**  
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**FERBER ENGINEERING COMPANY**  
 CONSULTING ENGINEERS AND LAND SURVEYORS  
 3475 STURGEON ROAD  
 WILMINGTON, DE 19811  
 (302) 438-5111  
 WATER RESOURCES TRANSPORTATION CIVIL ENGINEERING

FLANNERY SUBDIVISION  
 PLAN AND PROFILE STA 6+80 TO STA 12+52.31  
 IRELAND PLACE

DATE	NO.	REVISION	APPROVED
SEP 19, 2006	10	CITY REVIEW COMMENT	

TOP STA 1+00 = STA 8+05.47 BELMONT PLACE  
 H = 3528.88  
 I = 170.00

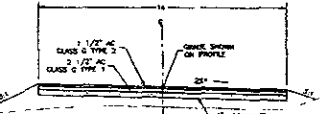
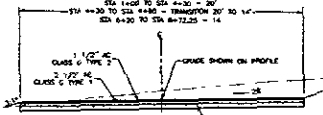
TOP STA 4+97.17  
 H = 3521.48  
 I = 169.14  
 TOP STA 1+00  
 I = 170.00

**SANITARY SEWER SERVICE NOTES**

- STA 1+30 TO 2+10 LT TO  
 STA 1+45.3 - 22.5 RT
- INSTALL 20 LF OF 4" PVC SANITARY SEWER SERVICE
- STA 2+10 TO 2+70 LT TO  
 STA 2+40.77 - 18.4 RT
- INSTALL 50 LF OF 4" PVC SANITARY SEWER SERVICE
- STA 2+70 TO 3+40 RT TO  
 STA 3+23.80 - 17.7 LT
- INSTALL 30 LF OF 4" PVC SANITARY SEWER SERVICE
- UNDERGROUND UTILITY NOTES
- STA 1+16.84 - 19.87 LT TO  
 STA 4+97.17 - 19.87 LT
- EXCHANGE 370 LF OF CONDUIT ONLY TRENCH

**CLASS AND GUTTER**

- CLASS 1 1/2" AC
- CLASS 2 1/2" AC
- CLASS 3 1/2" AC
- CLASS 4 1/2" AC
- CLASS 5 1/2" AC
- CLASS 6 1/2" AC



REVIEWED BY CITY ENGINEERING DIVISION

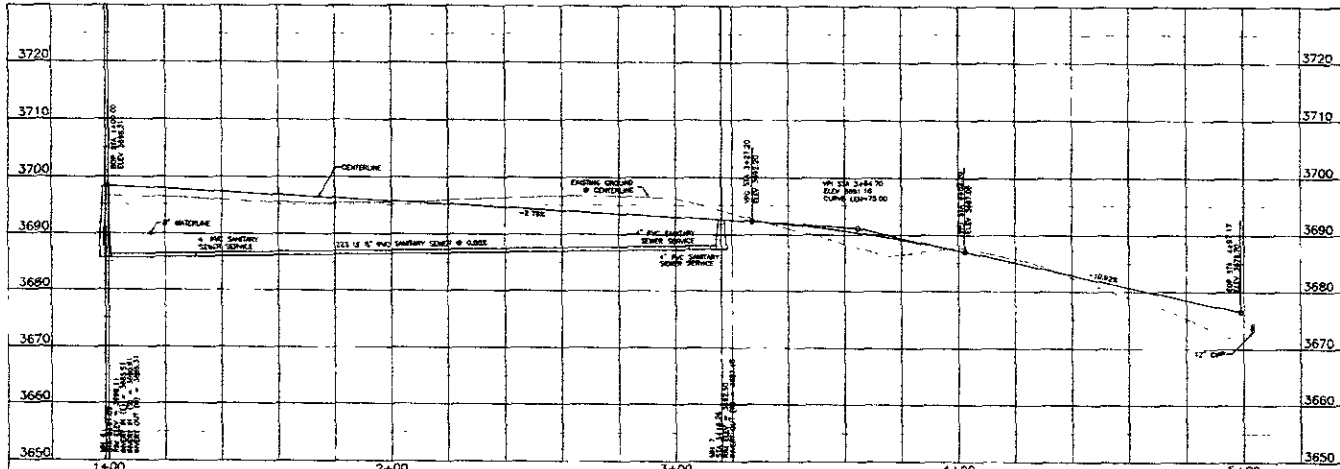
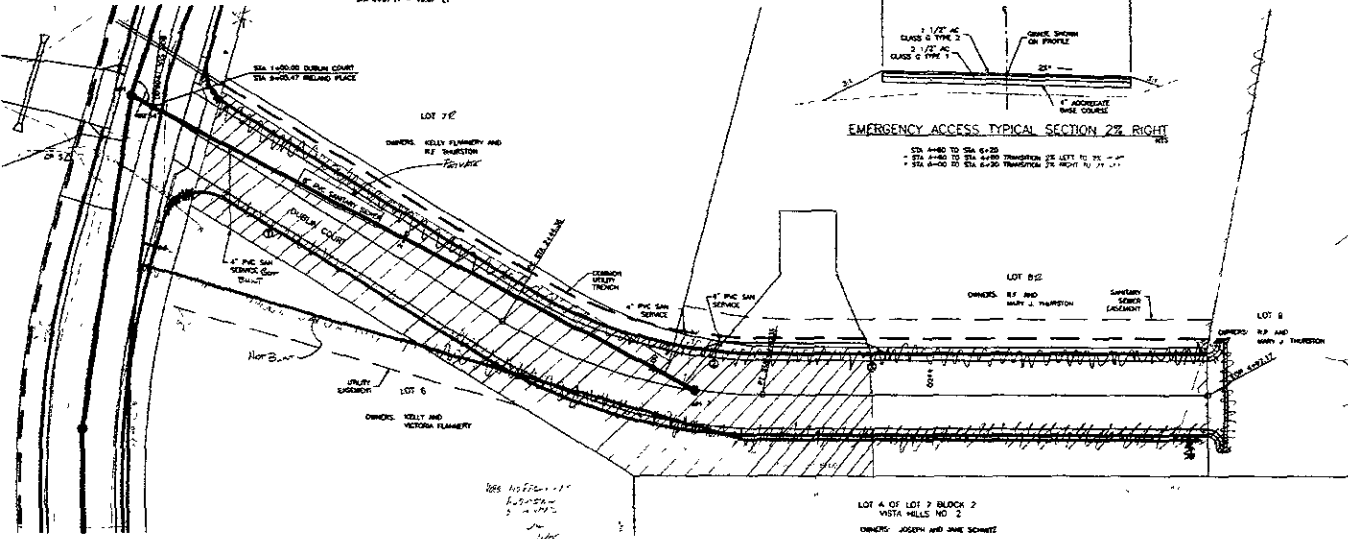
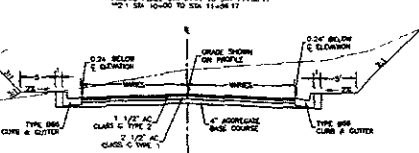
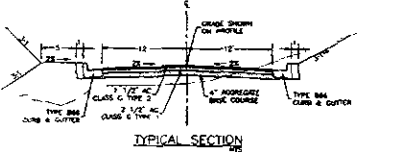
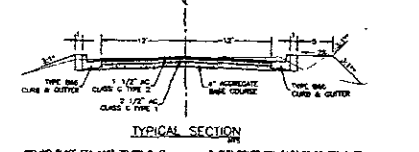
DATE: 4-27-00

PROJECT: DUBLIN COURT

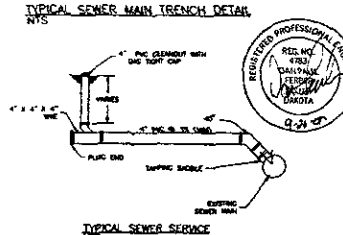
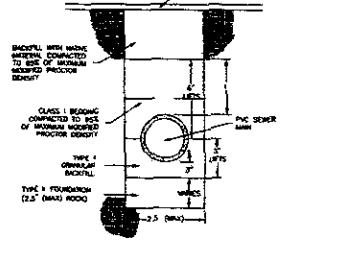
SCALE: 1" = 10' HOR, 1" = 10' VERT

CONTRACTOR: D&J 99-346

CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE CITY ENGINEERING DIVISION BEFORE CONSTRUCTION OF ANY OF THE PROPOSED PUBLIC IMPROVEMENTS.



RELAND PLACE STA 1+40 TO STA 6+41  
 1+12 BELMONT PLACE STA 1+00 TO STA 2+80  
 2+1 STA 1+00 TO STA 2+80



FERBER ENGINEERING COMPANY  
 CONSULTING ENGINEERS AND LAND SURVEYORS  
 1001 S. DUBLIN AVENUE  
 DUBLIN, IOWA 50001  
 PHONE (515) 281-5011  
 FAX (515) 281-5012

REGISTERED PROFESSIONAL ENGINEERS  
 IOWA LICENSE NO. 1001  
 ILLINOIS LICENSE NO. 001-0011  
 NEBRASKA LICENSE NO. 001-0011

WATER RESOURCES  
 TRANSPORTATION  
 CIVIL ENGINEERING

SCALE: 1" = 10' HOR, 1" = 10' VERT

DATE: SEP 16, 2000

DESIGN: JBY  
 CHECK: DRY

FLANNERY SUBMISSION  
 SANITARY SEWER PLAN AND PROFILE STA 0+40 TO STA 4+97.19  
 DUBLIN COURT

REGISTERED PROFESSIONAL ENGINEER  
 IOWA LICENSE NO. 1001  
 ILLINOIS LICENSE NO. 001-0011  
 NEBRASKA LICENSE NO. 001-0011

PROJECT NO: J98-119

SHEET NO: 4/4