



Public Works Department

515 Clark Avenue, Ames, Iowa 50010

Phone 515-239-5160

Fax 515-239-5404

January 8, 2008

Honorable Mayor and Council Members
City of Ames
Ames, Iowa 50010

Ladies and Gentlemen:

I hereby certify that the utilities and asphalt base paving required as a condition for approval of the final plat of **Estates of Natures Crossing** have been completed in an acceptable manner by Rhiner's and Manatt's. The above mentioned improvements have been inspected by the Engineering Division of the Public Works Department of the City of Ames, Iowa and found to meet city specifications and standards.

As a result of this certification, it is recommended that the financial security for public improvements on file with the City for this subdivision be reduced to \$45,000.00. The remaining work that covers this financial security includes asphalt surface paving and the Construction Site Erosion and Sediment Control Ordinance Bond.

Sincerely,

John Joiner, P.E.
Public Works Director
City of Ames

JJ/ec

cc: Finance, Contractor, PW Admin Asst, Construction Supervisor, PW Senior Clerk,
Planning & Housing

Estates of Natures Crossing
January 8, 2008

Description	Unit	Quantity
Inlet Protection	EA	11
8-inch Sanitary Sewer	LF	1,080
18-inch Sanitary Sewer	LF	279
48-inch Dia. Sanitary Manhole (A)	EA	7
Manhole Adjustment (Minor)	EA	1
Manhole Reconstruction	EA	1
18-inch Sanitary Sewer Removal	LF	297
Structure Removal	EA	1
4-inch Sanitary Service	EA	24
8-inch Water Main	LF	1,343
8-inch M.J. Gate Valve	EA	2
8-inch 11.25 Degree M.J. Bend	EA	11
14"x8" M.J. Tapping Valve and Tee	EA	1
Hydrant and Hydrant Run (includes 8"x8"x6" M.J. Tee, 6" M.J. Gate Valve, 6" Pipe and Hydrant)	EA	5
Temporary Blowoff Hydrant (includes 8"x6" M.J. Reducer, 6" Pipe, PCC Reaction Block and Hydrant)	EA	1
1-inch Water Service	EA	23
Rip Rap, Class 'D'	TON	10
6-inch Collector Line	LF	823
12-inch RCP, Class III	LF	4
15-inch RCP, Class III	LF	369
18-inch RCP, Class III	LF	29
21-inch RCP, Class III	LF	214
24-inch RCP, Class III	LF	78
12-inch F.E.S.	EA	2
15-inch F.E.S.	EA	1
24-inch F.E.S.	EA	1
Storm Sewer Intake (M-A)	EA	3
Storm Sewer Intake (M-B)	EA	2
Storm Sewer Intake (M-C)	EA	4
Storm Sewer Intake (M-D)	EA	1
Storm Sewer Manhole (Sanitary Type A)	EA	1
Collector Line Cleanout	EA	3
1.5-inch Sump Service	EA	24
Pavement Removal	SY	28
Subgrade Preparation	SY	5308
30-inch P.C.C. Curb and Gutter	LF	2644
6-inch P.C.C. Pedestrian Ramp	SY	17
Detectable Warning Material	SF	32
9.5-inch H.M.A. Pavement	SY	2674
8-inch P.C.C. Pavement	SY	157