



21

Public Works Department
515 Clark Avenue, Ames, Iowa 50010
Phone 515-239-5160
Fax 515-239-5404

December 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 **Northridge Heights Subdivision, 12th Addition** have been completed in an acceptable manner by Halbrog Excavating 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 \$119,196.00. The remaining work that is covered by this financial security includes asphalt surface paving, lighting 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

Description	Unit	Quantity
Excavation and Embankment	CY	139,800
Silt Fence	LF	2,500
Inlet Protection	EA	19
Stabilized Construction Entrance	EA	2
Straw Mulch	ACRE	45
Seeding, Type (5) Stabilizing Crop	ACRE	45
8-inch Sanitary Sewer	LF	2,029
48-inch Dia. Sanitary Manhole (A)	EA	9
Sanitary Service	EA	9
8-inch Water Main	LF	887
8-inch 11.25 Degree M.J. Bend	EA	2
8-inch 22.50 Degree M.J. Bend	EA	1
8-inch 45 Degree M.J. Bend	EA	2
8-inch M.J. Gate Valve	EA	4
8"x8"x8" M.J. Tee	EA	1
12"x12"x8" M.J. Tee	EA	2
12-inch Water Main	LF	1,108
12-inch M.J. Gate Valve	EA	3
Hydrant and Hydrant Run (includes 8"x8"x6" M.J. Tee, 6" M.J. Gate Valve, 6" Pipe and Hydrant)	EA	3
Hydrant and Hydrant Run (includes 12"x12"x6" M.J. Tee, 6" M.J. Gate Valve, 6" Pipe and Hydrant)	EA	3
Temporary Blowoff Hydrant (Remove and Reuse 12"x6" M.J. Reducer, 6" Pipe and Hydrant)	EA	1
Water Service	EA	9
4-inch Perforated Subdrain (Pond)	LF	1,932
15-inch RCP, Class III	LF	662
18-inch RCP, Class III	LF	127
18-inch RCP, Class III, Gasket Joints	LF	69
18-inch RCP, Class III, (24-inch steel casing, tunneled-in-place	LF	129
24-inch RCP, Class III	LF	559
30-inch RCP, Class III	LF	569
36-inch RCP, Class III	LF	160
18-inch F.E.S.	EA	1
24-inch F.E.S.	EA	1
30-inch F.E.S.	EA	2
36-inch F.E.S.	EA	1
Storm Sewer Manhole (Sanitary Type A)	EA	4
Storm Sewer Manhole (M-A)	EA	5
Storm Sewer Manhole (M-C)	EA	6
Storm Sewer Manhole (M-D)	EA	1
Storm Sewer Manhole (M-E)	EA	2
Storm Sewer Manhole (M-G)	EA	1

Subdrain Outlet	EA	10
Subdrain Cleanout	EA	4
Subgrade Preparation	SY	11,102
4-inch Perforated Subdrain (Pavement)	LF	1,259
Special Backfill	CY	1,385
Earth Filled Median	CY	80
4-inch P.C.C. Median	SY	317
30-inch P.C.C. Curb and Gutter	LF	5,259
6-inch P.C.C. Pedestrian Ramp	SY	43
Detectable Warning Material	SF	64
8-inch H.M.A. Pavement	SY	1,601
9.5-inch H.M.A. Pavement	SY	545
11-inch H.M.A. Pavement	SY	6,055