



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

ITEM #: 23

April 13, 2012

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

Ladies and Gentlemen:

I hereby certify that the sanitary sewer required as a condition for approval of the final plat of **Northridge Heights, 14<sup>th</sup> Addition** has been completed in an acceptable manner by Halbrook Excavating, Inc. 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 released in full.

Sincerely,

A handwritten signature in blue ink, which appears to read 'John C. Joiner', is written over a white background.

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

JJ/jc

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

Description	Unit	Quantity
Inlet Protection	EA	17
Excavation and Embankment	CY	9,800
Silt Fence	LF	900
Stabilized Construction Entrance	EA	2
Straw Mulch	ACRE	5
Seeding, Type (5) Stabilizing Crop	ACRE	5
48-inch Diameter Sanitary Manhole (A)	EA	8
Manhole Adjustments	EA	11
4-inch Sanitary Service	EA	37
8-inch Sanitary Sewer	LF	1,889
8-inch Water Main	LF	2,095
8-inch 11.25 Degree M.J. Bend	EA	1
8-inch 22.5 Degree M.J. Bend	EA	1
8-inch 45 Degree M.J. Bend	EA	1
8-inch M.J. Gate Valve	EA	5
8"x8"x8" M.J. Tee	EA	1
12"x12"x8" M.J. Tee	EA	1
12"x12"x8"x8" M.J. Cross	EA	1
12-inch Water Main	LF	710
12-inch 11.25 Degree M.J. Bend	EA	1
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	6
Temporary Blowoff Hydrant (Remove and Reuse 8"x6" M.J. Reducer, 6" Pipe and Hydrant)	EA	2
Temporary Blowoff Hydrant (Remove and Reuse 12"x6" M.J. Reducer, 6" Pipe and Hydrant)	EA	2
Watervalue Adjustments	EA	4
1-inch Water Service	EA	37
6-inch Collector Line	LF	1,001
12-inch RCP, Class III	LF	487
15-inch RCP, Class III	LF	267
18-inch RCP, Class III	LF	389
24-inch RCP, Class III	LF	399
30-inch RCP, Class III	LF	193
36-inch RCP, Class III	LF	62
Storm Sewer Manhole (SW-301)	EA	1
Storm Sewer Manhole (SW-401 60-inch)	EA	1
Storm Sewer Manhole (SW-501)	EA	1
Storm Sewer Manhole (SW-503)	EA	1
Storm Sewer Manhole (SW-505)	EA	1
Storm Sewer Manhole (SW-506)	EA	1
Storm Sewer Manhole (Sanitary Type A)	EA	2
Storm Sewer Manhole (60-inch)	EA	1
Storm Sewer Intake (M-A)	EA	5
Storm Sewer Intake (M-C)	EA	5
Beehive Intake (SW-512 24-inch)	EA	1

RCP Area 18" Diameter with Type 3A Beehive Grate	EA	1
Collector Line Cleanout	EA	4
1.5-inch Sump Service	EA	37
Subgrade Preparation	SY	10,142
4-inch Perforated Subdrain (Pavement)	LF	796
6-inch Tile Line	LF	371
8-inch Riser	EA	2
Special Backfill	CY	734
Earth Filled Median	CY	60
30-inch PCC Curb and Gutter	LF	5,490
6-inch PCC Pedestrian Ramp	SY	105
Detectable Warning Material	SF	160
Pavement Removal	SY	16
8-inch HMA Pavement	SY	3,590
9.5-inch HMA Pavement	SY	2,434
11-inch HMA Pavement	SY	3,378