



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

November 2, 2016

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

RE: Quarry Estates LOC Reduction #2

Ladies and Gentlemen:

I hereby certify that the curb and gutter and base pavement, required as a condition for approval of the final plat of **Quarry Estates, 1<sup>st</sup> Addition** have been completed in an acceptable manner by **H&W Contracting of Sioux Falls, South Dakota , and Manatts, Inc of Ames, IA**. 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 \$288,401.60. The remaining work covered by this financial security includes installation of the water main, final asphalt surfacing, pedestrian ramps and walks, final adjustment of utility features, erosion control, and street lighting.

Sincerely,

John C. Joiner, P.E.  
Director

JJ/ec

Quarry Estates, First Addition  
November 2, 2016

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

Quarry Estates, First Addition  
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Description	Unit	Quantity
Temporary Traffic Control	LS	1
Excavation and Embankment	CY	30,075
Subgrade Preparation	SY	10,800
Sanitary Sewer Gravity Main, Trenched, 8"	LF	4,752
Sanitary Sewer Service Stub, 4"	EA	53
Footing Drain Collector, Case D, Type 2, 8"	LF	1,404
Footing Drain Cleanout, 8"	EA	5
Sump Service Stub, 1.5"	EA	53
Storm Sewer, Trenched, RCP Class III, 15"	LF	804
Storm Sewer, Trenched, RCP Class III, 18"	LF	623
Storm Sewer, Trenched, RCP Class III, 24"	LF	402
Pipe Apron, RCP, 18"	EA	5
Pipe Apron, RCP, 24"	EA	2
Water Main, Trenched, 8"	LF	4,677
Fitting, M.J. Bend, 8"	EA	6
Fitting, M.J. Tee, 8"	EA	4
Fitting, M.J. Cross, 8"	EA	1
Water Service Stub, 1"	EA	53
Valve, M.J. Tapping, 12"x8"	EA	1
Valve, M.J. Gate, 8"	EA	14
Fire Hydrant Assembly (includes 8"x8"x6" M.J. Tee, 6" M.J. Gate Valve, 6" Pipe, and Hydrant)	EA	12
Temporary Blowoff Hydrant Assembly (includes 8"x6" M.J. Reducer, 6" Pipe, and Hydrant)	EA	5
Water Service Stub, 2"	EA	1
Sanitary Manhole, SW-301, 48"	EA	17
Storm Sewer Manhole, SW-401, 48"	EA	2
Single Grate Intake, SW-501	EA	9
Single Grate Intake, with Manhole SW-503	EA	7
Open-Sided Area Intake, SW-513, 48"x48"	EA	1
Sanitary Manhole Drop Connection	EA	2
PCC Curb and Gutter, 30"	LF	5,554
Trail Pavement, HMA, 6"	SY	600
Pavement, HMA Base, 6"	SY	2,402
Pavement, HMA Base, 7.5"	SY	5,540
Pavement, HMA Surface, 2"	SY	7,942
Pedestrian Ramps, PCC, 6"	SY	93
Detectable Warning Panels	SF	120
Class 'A' Rock Surfacing	TON	100
Manhole Adjustments	EA	11
Watervalue Adjustments	EA	2

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Sidewalk and Shared-Use Path, PCC, 4"	SY	3,915
Seeding (Type 1), Fertilizing and Mulching	AC	25
Inlet Protection	EA	16
Silt Fence	LF	2,500
Stabilized Construction Entrance	EA	2
Conservation Seeding, Planting, and Landscaping	LS	1