Iowa
Fields of Opportunities

STATE OF IOWA

TERRY E. BRANSTAD, GOVERNOR
KIM REYNOLDS, LT. GOVERNOR

DEPARTMENT OF NATURAL RESOURCES
ROGER L. LANDE, DIRECTOR

September 6, 2011

Rob McDonald, City Engineer
City Hall
215 E. Washington St.
Washington, IA 52535

RE: Redlinger Addition Sanitary Sewer Extension - Wastewater Facility # 6-92-71-0-01

Dear Mr. McDonald:

This letter is being provided in regard to the city's request for the proposed Redlinger Addition and associated sewage collection system located on South 10th Avenue. Condition 2 of Section V of the 2007 consent agreement (2007-WW-13-A1) requires the city to consult with the Department prior to connecting any new business or multifamily dwelling to the sanitary sewer system in order to determine whether sufficient capacity exists to handle the additional loading while maintaining compliance with applicable effluent standards.

I've discussed the proposal with Paul Brandt and Dennis Ostwinkle of this office. The proposal as presented shows a four lot subdivision. Single family units are planned for three lots with the fourth lot being a duplex unit. A total of five residential connections have been requested. We would not anticipate five residential connections to result in a significant increase in hydraulic or organic load to the wastewater treatment plant. Therefore, we are approving the connection to the city system.

This letter only authorizes the city to approve the Sewage Treatment Agreement with the developer and is not permission to start construction. The owner is still responsible for obtaining a construction permit for the project from DNR's Wastewater Engineering Section in Des Moines prior to beginning installation of sewer lines.

If you have any questions, feel free to contact this office.

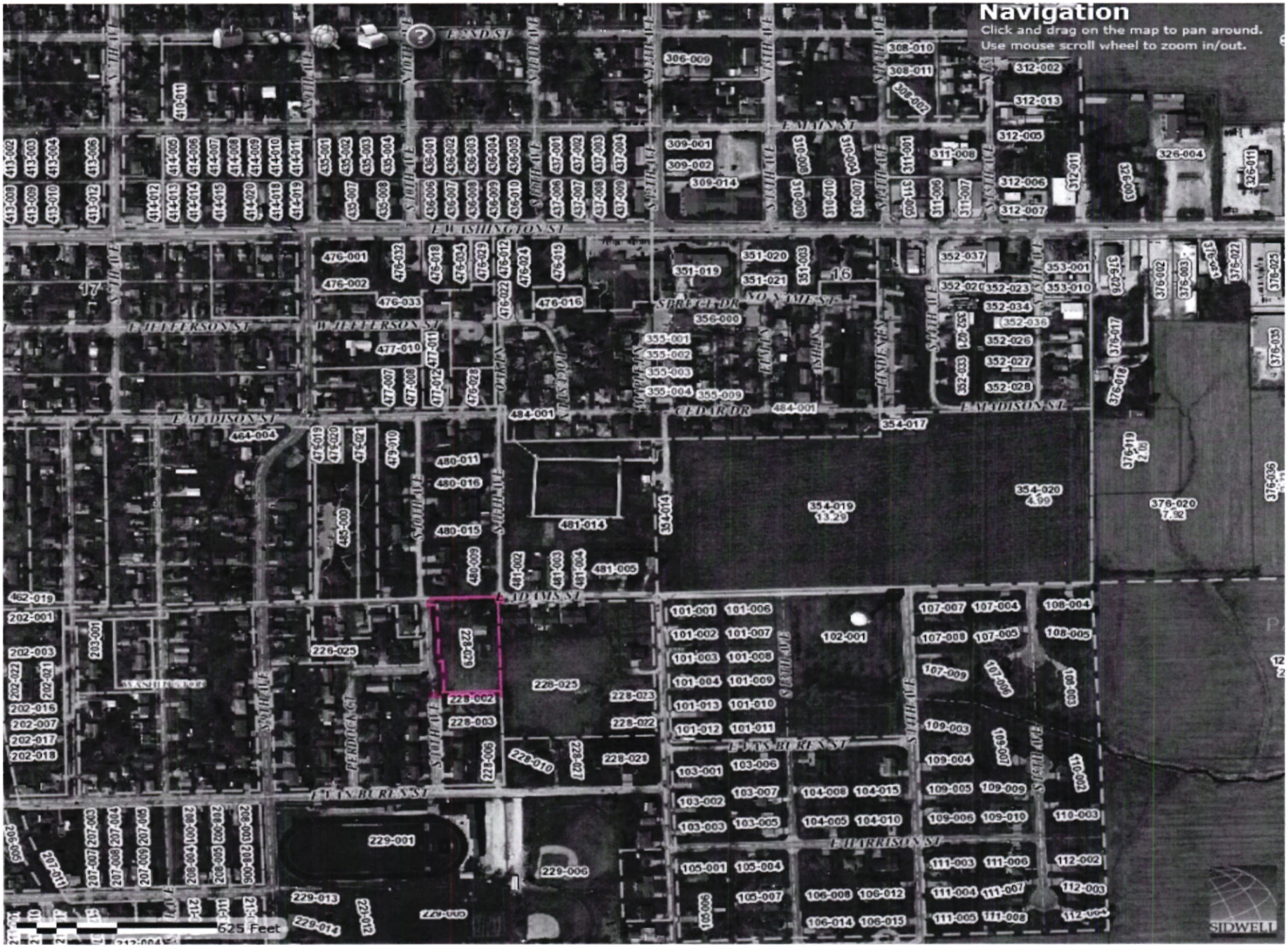
Sincerely,
FIELD SERVICES & COMPLIANCE BUREAU

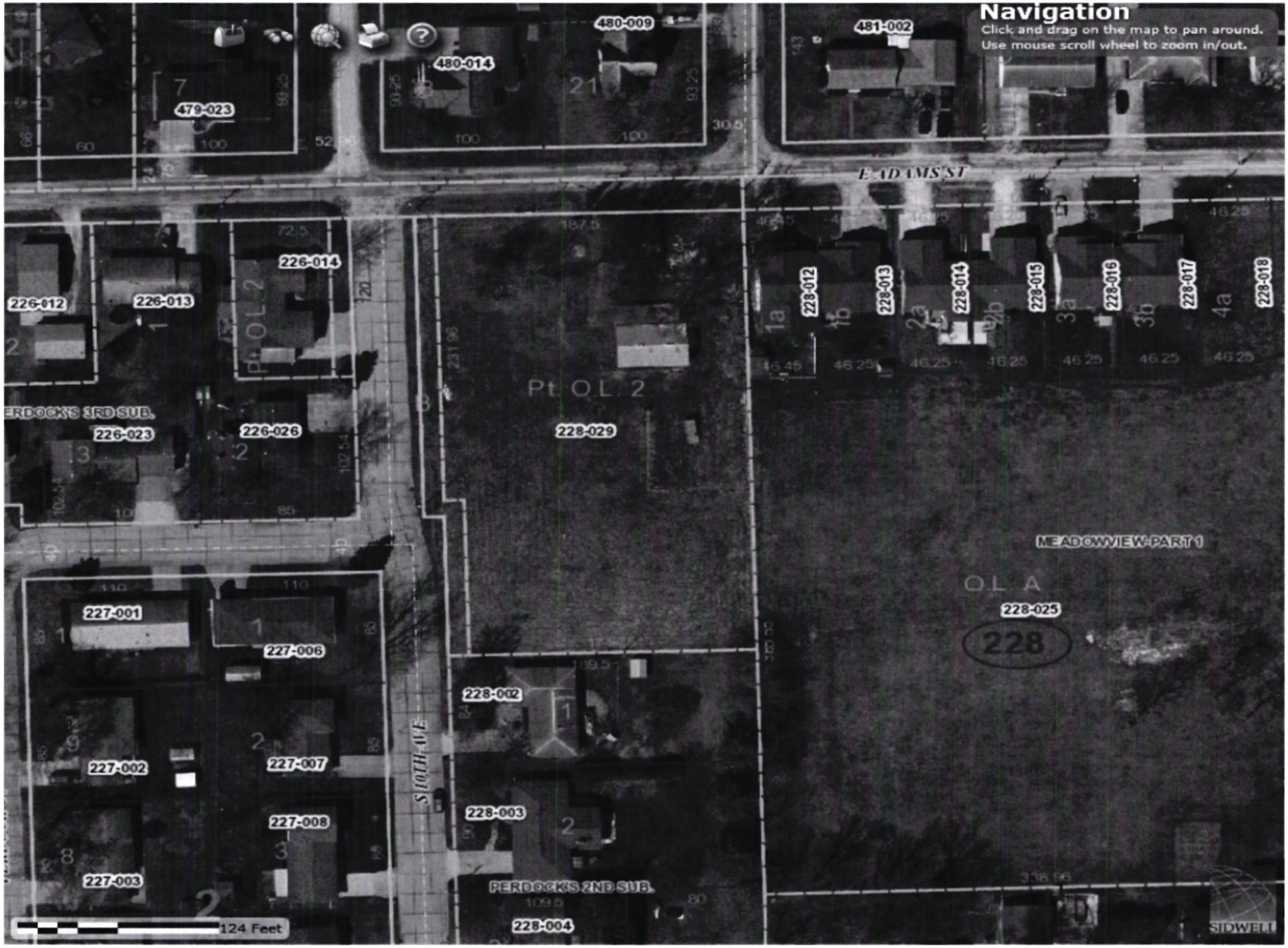
Terry Jones
Environmental Specialist Senior

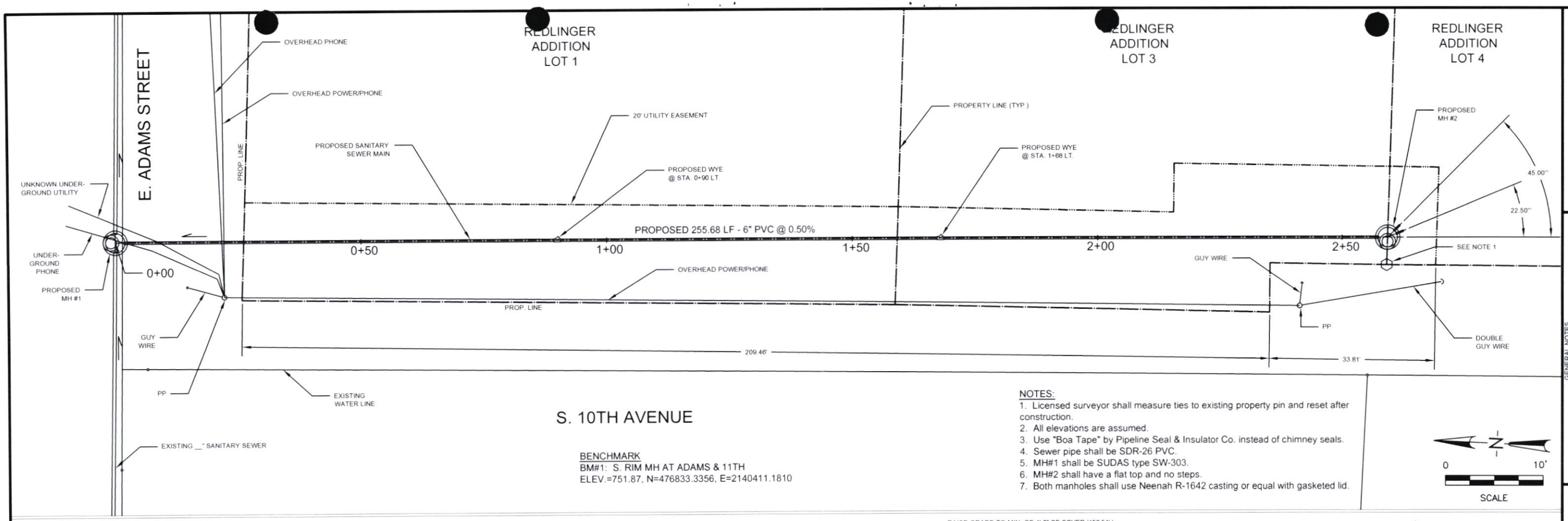
fo6\shared\tjones\ww\washington-ltr9-2011

xc: Records Section, DNR, Des Moines
Washington WW File

Environmental Services Division, Field Office #6, 1023 W. Madison, Washington, Iowa 52353-1623 Tel 319-653-2135 Fax 319-653-2856
WALLACE STATE OFFICE BUILDING / DES MOINES, IOWA 50319
515-281-5918 TDD 515-242-5967 FAX 515-281-6794 www.lowadnr.com


Navigation
Click and drag on the map to pan around.
Use mouse scroll wheel to zoom in/out.
E MAIN ST
E WASHINGTON ST
E JEFFERSON ST
E MADISON ST
E ADAMS ST
E VAN BUREN ST
E HARRISON ST
CEDAR DR
SOUTH AVE
625 Feet
SIDWELL

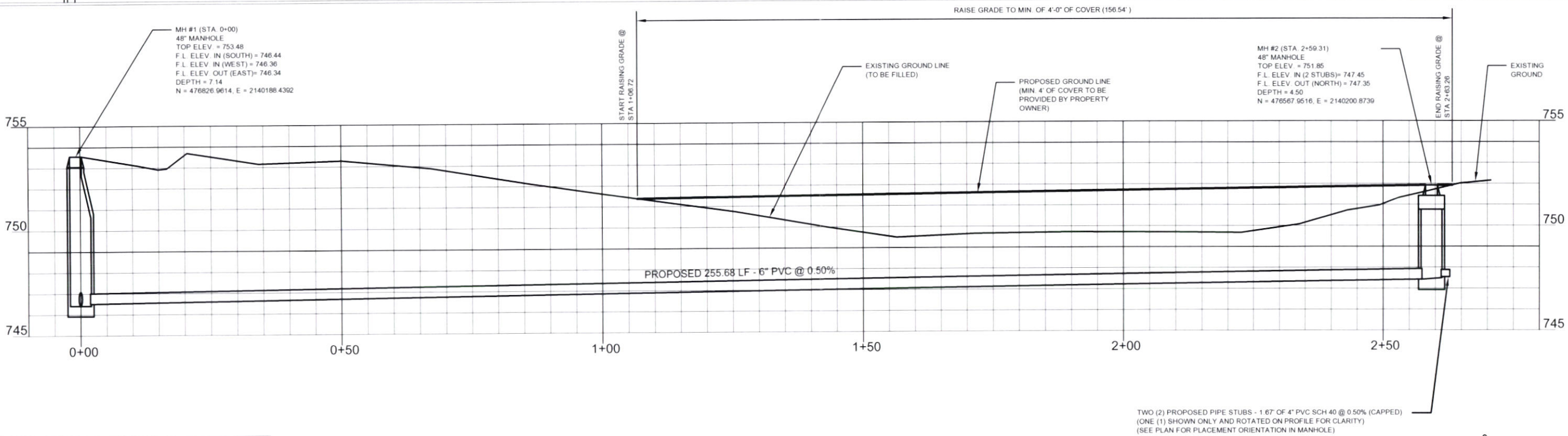

Navigation
Click and drag on the map to pan around.
Use mouse scroll wheel to zoom in/out.
480-009
481-002
480-014
470-023
E ADAMS ST
226-014
226-012
226-013
228-012
228-013
228-014
228-015
228-016
228-017
228-018
Pt OL 2
228-029
226-023
226-026
MEADOWVIEW PART 1
OL A
228-025
228
227-001
227-006
228-002
227-002
227-007
S 10TH AVE
228-003
227-008
227-003
PERDOCKS 2ND SUB
228-004
124 Feet
SIDWELL



BENCHMARK
BM#1: S. RIM MH AT ADAMS & 11TH
ELEV.=751.87, N=476833.3356, E=2140411.1810

NOTES:
1. Licensed surveyor shall measure ties to existing property pin and reset after construction.
2. All elevations are assumed.
3. Use "Boa Tape" by Pipeline Seal & Insulator Co. instead of chimney seals.
4. Sewer pipe shall be SDR-26 PVC.
5. MH#1 shall be SUDAS type SW-303.
6. MH#2 shall have a flat top and no steps.
7. Both manholes shall use Neenah R-1642 casting or equal with gasketed lid.

0 10'
SCALE



0 2.5'
SCALE – VERTICAL
0 10'
SCALE – HORIZONTIAL

I hereby certify that this engineering document was prepared by me or under my direct personal supervision and that I am a duly licensed Professional Engineer under the laws of the State of Iowa

Robert J. McDonald Date

My license renewal date is December 31, 2012

Pages or sheets covered by this seal: Sheet 1

CITY OF WASHINGTON
ENGINEERING DEPT.

GENERAL NOTES

REDLINGER ADDITION
SANITARY SEWER EXTENSION

DATE: 8/17/11
DRAWN: KJH
CHECKED: RJM

SHEET
1

100-2011-A