

E & A Consulting Group, Inc.  
 10909 Mill Valley Road, Suite 100  
 Omaha, NE 68154  
 tel 402.895.4700  
 fax 402.895.3599  
 www.eacg.com



**E & A CONSULTING GROUP, INC.**

*Engineering Answers*

Zachary A. Jilek, CPESC, CISEC  
 Environmental Services Dept. Manager

**E&A- P2006.056.019**

|                      |  |              |
|----------------------|--|--------------|
| Inspector: Zach Roza |  | Stage        |
| Project Name:        | <b>Courtyards @ Iron Horse<br/>CSW-202207403</b>                       | 1            |
| For Week Ending:     | <b>11/11/2023</b>  | <b>68003</b> |
| Project Location:    | South Lakeview Way and Courtyard Court - Ashland, NE (Saunders County) |              |

|                      |     |  |  |  |  |
|----------------------|-----|--|--|--|--|
| Grading:             | 80% |  |  |  |  |
| Sanitary Sewer:      | 0%  |  |  |  |  |
| Storm Sewer:         | 0%  |  |  |  |  |
| Paving:              | 0%  |  |  |  |  |
| Seeding:             | 0%  |  |  |  |  |
| Utilities:           | 0%  |  |  |  |  |
| Overall Development: | 10% |  |  |  |  |

| RAIN FALL AMOUNTS | Amount in tenths | Date inspected | Weather Conditions   | Time    | Storm Event Duration |
|-------------------|------------------|----------------|----------------------|---------|----------------------|
| Sunday:           | 0.00"            |                |                      |         | <b>Week 1</b>        |
| Monday:           | 0.00"            |                |                      |         |                      |
| Tuesday:          | 0.00"            |                |                      |         |                      |
| Wednesday:        | 0.00"            | 11/8/2023      | Mostly Sunny 66 / 42 | 9:10 AM |                      |
| Thursday:         | 0.00"            |                |                      |         |                      |
| Friday:           | 0.00"            |                |                      |         |                      |
| Saturday:         | 0.00"            |                |                      |         |                      |

**Complaints:** None

**Construction Sequencing:**  
 Which portion(s) (i.e. drainage basins) of the site have had a temporary or permanent cessation of grading, earthwork, or ground disturbance in the last 14 days?

Grubbing began (7/5/23). Grading began (9/13/23).

Which portion(s) (i.e. drainage basins) of the site do not have grading, earthwork, or ground disturbance scheduled in the next 14 days?

Grubbing began (7/5/23). Grading began (9/13/23).

What temporary or permanent stabilization measures listed in this section are being implemented?

Existing Vegetation (7/5/23). Erosion Matting 1,2,3,4,6,7 installed (11/1/23).

**Checklist Questions:**

**Are receiving waters adjacent to the project free of any significant signs of erosion or sediment that would be associated with the construction activity?**

Yes

**Create Corrective Action?**

N/A

**Have disturbed areas been seeded or otherwise stabilized as required? List inactive portions of the project and if stabilization measure are adequate or needed to prevent erosion.**

Yes

**Create Corrective Action?**

N/A

**Are waste materials (concrete, construction material, hazardous, etc.) being managed properly?**

Yes

**Create Corrective Action?**

N/A

**Are construction entrances and adjacent streets being maintained adequately?**

No

**Create Corrective Action?**

No- See BMP Section

**Is dust associated with the construction activity adequately controlled on the site?**

Yes

**Create Corrective Action?**

N/A

**Comments:**

**Comments:**

Site was active for grading during the last inspection.

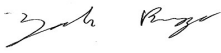

**Findings / Corrective Actions (Date):**

## Findings / Corrective Actions (Date):

1.) There are some findings in the BMP Section.

2.) Silt fence should be installed along western boundary. Pruss Excavation was informed to complete by 11/1/23. Not done as of the last inspection. **Pruss Excavation installed silt fence along the western boundary prior to the inspection on 11/8/23.**

| Unique Name               | Type   | Location                           | Projected Install Date | Status  | Maintenance |
|---------------------------|--|------------------------------------|------------------------|---------|-------------|
| CE 01                     | Construction Entrance  | Off 113th Street                   | 9/20/2023              | Pending | Yes         |
| <b>Current Condition:</b> | Pending - Pruss Excavation installed a construction entrance prior to the inspection on 9/20/23. Pruss Excavation removed the construction entrance prior to the inspection on 10/25/23.<br><br>Construction entrance should be re-installed with berm or silt fence should be installed to prevent sediment running onto street.<br><br>Pruss Excavation was informed to complete by 11/1/23.                 |                                    |                        |         |             |
| DB 01                     | Diversion Berm   | North Side of Site                 | 10/11/2023             | Active  | No          |
| <b>Current Condition:</b> | Good Condition- Pruss Excavation installed a diversion berm prior to the inspection on 10/11/23.   |                                    |                        |         |             |
| DB 02                     | Diversion Berm   | Eastern Side of Site               | 10/18/2023             | Active  | No          |
| <b>Current Condition:</b> | Good Condition- Pruss Excavation installed a diversion berm prior to the inspection on 10/18/23.   |                                    |                        |         |             |
| DB 03                     | Diversion Berm   | Eastern Side of Site               | 10/18/2023             | Active  | No          |
| <b>Current Condition:</b> | Good Condition- Pruss Excavation installed a diversion berm prior to the inspection on 10/18/23.   |                                    |                        |         |             |
| FT 01                     | Fuel Tank  | On Site                            |                        | Removed |             |
| <b>Current Condition:</b> | Removed- Pruss Excavation removed the fuel tank prior to the inspection on 11/1/23.  |                                    |                        |         |             |
| IP 1 - 2                  | Inlet Protection   | Along Courtyard Court              | 11/8/2023              | Active  | No          |
| <b>Current Condition:</b> | Good Condition- Pruss Excavation installed IP 1 and 2 prior to the inspection on 11/8/23.  |                                    |                        |         |             |
| IP 3 - 4                  | Inlet Protection   | Along Courtyard Court              | 8/5/2023               | Pending | No          |
| <b>Current Condition:</b> | Pending- Inlet protection will be installed once paving is complete.   |                                    |                        |         |             |
| IP 5 - 6                  | Inlet Protection   | Along Courtyard Court              | 8/5/2023               | Pending | No          |
| <b>Current Condition:</b> | Pending- Inlet protection will be installed once paving is complete.   |                                    |                        |         |             |
| IP 7                      | Inlet Protection   | Along Courtyard Court              | 8/5/2023               | Pending | No          |
| <b>Current Condition:</b> | Pending- Inlet protection will be installed once paving is complete.   |                                    |                        |         |             |
| MT 01                     | Erosion Matting  | South East portion of the site     | 11/1/2023              | Active  | No          |
| <b>Current Condition:</b> | Good Condition- Pruss Excavation installed the erosion matting prior to the inspection on 11/1/23.   |                                    |                        |         |             |
| MT 02                     | Erosion Matting  | South East portion of the site     | 11/1/2023              | Active  | No          |
| <b>Current Condition:</b> | Good Condition- Pruss Excavation installed the erosion matting prior to the inspection on 11/1/23.   |                                    |                        |         |             |
| MT 03                     | Erosion Matting  | South West portion of the site     | 11/1/2023              | Active  | No          |
| <b>Current Condition:</b> | Good Condition- Pruss Excavation installed the erosion matting prior to the inspection on 11/1/23.   |                                    |                        |         |             |
| MT 04                     | Erosion Matting  | ADJ to Private Drive               | 11/1/2023              | Active  | No          |
| <b>Current Condition:</b> | Good Condition- Pruss Excavation installed the erosion matting prior to the inspection on 11/1/23.   |                                    |                        |         |             |
| MT 05                     | Erosion Matting  | ADJ to Private Drive               | 8/5/2023               | Pending | No          |
| <b>Current Condition:</b> | Pending- Erosion Matting will be installed once grading is complete.   |                                    |                        |         |             |
| MT 06                     | Erosion Matting  | North of Courtyard Court           | 11/1/2023              | Active  | No          |
| <b>Current Condition:</b> | Good Condition- Pruss Excavation installed the erosion matting prior to the inspection on 11/1/23.   |                                    |                        |         |             |
| MT 07                     | Erosion Matting  | North of Courtyard Court           | 11/1/2023              | Active  | No          |
| <b>Current Condition:</b> | Good Condition- Pruss Excavation installed the erosion matting prior to the inspection on 11/1/23.   |                                    |                        |         |             |
| PT 01                     | Portable Toilet  | On Site                            |                        | Removed |             |
| <b>Current Condition:</b> | Removed- Pruss Excavation removed the portable toilet prior to the inspection on 11/1/23.  |                                    |                        |         |             |
| SF 01 - 09                | Silt Fence   | Eastern Perimeter                  | 11/1/2023              | Active  | No          |
| <b>Current Condition:</b> | Good Condition- Pruss Excavation installed Silt fence 1-9 prior to the inspection on 11/1/23.  |                                    |                        |         |             |
| SF 10 - 14                | Silt Fence   | Northern Checks                    | 7/12/2023              | Active  | No          |
| <b>Current Condition:</b> | Active- Pruss Excavation installed SF 11 prior to the inspection on 7/12/23. Pruss excavation removed SF 11 due to grading prior to the inspection on 9/20/23. Due to erosion matting, diversion berms, and other silt fence being installed, silt fence 11,13, and 14 will no longer be recommended as of 11/2/23. <b>Pruss Excavation installed silt fence 11 and 14 prior to the inspection on 11/8/23.</b> |                                    |                        |         |             |
| SF 15 - 18                | Silt Fence   | Western Perimeter                  | 11/1/2023              | Active  | No          |
| <b>Current Condition:</b> | Good Condition- Pruss Excavation installed Silt fence 1-9 prior to the inspection on 11/1/23.  |                                    |                        |         |             |
| SF 19                     | Silt Fence   | Northern Perimeter                 | 7/12/2023              | Active  | No          |
| <b>Current Condition:</b> | Good Condition- Pruss Excavation installed the silt fence prior to the inspection on 7/12/23. Part of the silt fence was down during the inspection on 9/27/23. <b>Pruss Excavation repaired the silt fence prior to the inspection on 11/8/23.</b>  |                                    |                        |         |             |
| SF 20 - 30                | Silt Fence   | Southern Half of Courtyard Court   | 8/5/2023               | Pending | No          |
| <b>Current Condition:</b> | Pending- Silt fence will be installed once grading starts.   |                                    |                        |         |             |
| SF 31 - 34                | Silt Fence   | Northern Half of Courtyard Court   | 8/5/2023               | Pending | No          |
| <b>Current Condition:</b> | Pending- Silt fence will be installed once grading starts.   |                                    |                        |         |             |
| SF 35 - 42                | Silt Fence   | Eastern Perimeter Checks           | 11/1/2023              | Active  | No          |
| <b>Current Condition:</b> | Good Condition- Pruss Excavation installed Silt fence 35-42 prior to the inspection on 11/1/23.  |                                    |                        |         |             |
| SF 43 - 48                | Silt Fence   | Southern Half of Western Perimeter | 11/1/2023              | Active  | No          |
| <b>Current Condition:</b> | Good Condition- Pruss Excavation installed Silt fence 35-42 prior to the inspection on 11/1/23.  |                                    |                        |         |             |
| SF 49 - 51                | Silt Fence   | West of Courtyard Court            | 11/1/2023              | Active  | No          |
| <b>Current Condition:</b> | Good Condition- Pruss Excavation installed Silt fence 35-42 prior to the inspection on 11/1/23.  |                                    |                        |         |             |
| SF 52 - 55                | Silt Fence   | Northern Half of Western Perimeter | 11/1/2023              | Active  | No          |
| <b>Current Condition:</b> | Good Condition- Pruss Excavation installed Silt fence 35-42 prior to the inspection on 11/1/23.  |                                    |                        |         |             |

|                                |   |                          |            |   |     |
|--------------------------------|---|--------------------------|------------|---|-----|
| STR                            | Streets   | ADJ and Internal Streets | 8/5/2023   | Active  | Yes |
| <b>Current Condition:</b>      | <b>Fair Condition-</b><br>Adjacent streets should be cleaned.<br>Pruss Excavation was informed to complete by 10/26/23. Not done as of the last inspection.   |                          |            |   |     |
| SWPPP Sign                     | SWPPP Sign  | On Site                  | 10/11/2023 | Active  | No  |
| <b>Current Condition:</b>      | Good Condition- E&A inspector installed a SWPPP sign during the inspection on 10/11/23.   |                          |            |   |     |
| WO 01                          | Concrete Washout  | On Site                  | 11/1/2023  | Active  | No  |
| <b>Current Condition:</b>      | Good Condition- Pruss Excavation installed a concrete washout prior to the inspection on 11/1/23.   |                          |            |   |     |
| WS 01                          | Waste Storage Area  | On Site                  | 8/5/2023   | Pending   | No  |
| <b>Current Condition:</b>      | Pending- Waste storage will be installed as necessary.  |                          |            |   |     |
| <b>Certification Statement</b> | "I certify, under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fines and imprisonment for knowing violations." |                          |            |   |     |
| <b>Inspector Signature:</b>    |    |                          |            | <b>Reviewed By:</b>  |     |