

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- P2005.030.000
Lot 195 P2005.030.024

| | | |
|-------------------------|--|--------------|
| Inspector: Bryce Wright | | Stage |
| Project Name: | The Heritage | 2 |
| For Week Ending: | NER110495 | |
| | 10/9/2021 | |
| Project Location: | East of 156th Street, North and South of Rainwood Road - Bennington, NE | 68007 |
| | (Douglas County) | |

| | | | | |
|----------------------|------|--|--|--|
| Grading: | 100% | | | |
| Sanitary Sewer: | 100% | | | |
| Storm Sewer: | 100% | | | |
| Paving: | 100% | | | |
| Seeding: | 100% | | | |
| Utilities: | 100% | | | |
| Overall Development: | 98% | | | |

| RAIN FALL AMOUNTS | Amount in tenths | Date inspected | Weather Conditions | Time | |
|-------------------|------------------|----------------|--------------------|----------|---------------|
| | | | | | Week 1 |
| Sunday: | 0.00" | | | | |
| Monday | 0.00" | 9/27/2021 | Sunny 67 | 10:00 AM | |
| Tuesday | 0.00" | | | | |
| Wednesday | 0.00" | | | | |
| Thursday | 0.37" | | | | |
| Friday | 0.02" | | | | |
| Saturday | 0.00" | | | | |
| | | | | | Week 2 |
| Sunday: | 0.00" | | | | |
| Monday: | 0.00" | | | | |
| Tuesday: | 0.00" | | | | |
| Wednesday: | 0.00" | | | | |
| Thursday: | 0.00" | | | | |
| Friday: | 0.00" | | | | |
| Saturday: | 0.00" | | | | |
| | | | | | Week 3 |
| Sunday: | N/A | | | | |
| Monday | N/A | | | | |
| Tuesday | N/A | | | | |
| Wednesday | N/A | | | | |
| Thursday | N/A | | | | |
| Friday | N/A | | | | |
| Saturday | N/A | | | | |

| | |
|-------------|------|
| 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?
 Entire site, grading completed 7/2006 and site seeded 9/5/06. Grading began on old school site east of Stargrass Road (11/9/17). Grading activity on site idle (9/9/20). **Storm and sewer installation began in replat 6 (9/27/21).**

Which portion(s) (i.e. drainage basins) of the site do not have grading, earthwork, or ground disturbance scheduled in the next 14 days?
 Entire site, grading completed 7/2006 and site seeded 9/5/06. Grading began on old school site east of Stargrass Road (11/9/17). Grading activity on site idle (9/9/20). **Storm and sewer installation began in replat 6 (9/27/21).**

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

Wetlands Mitigation Seeding (5/31/06), Slopes Seeded/Matted (8/30/06), Temp. Seeded (9/5/06), Re-Seeded 5/21/07, Re-Seeded ROW on 9/5/07 & 11/14/07, Erosion seeded in various areas (4/09), Old Basin 5 was seeded and matted (5/2/12). The areas that were disturbed when SB 3 and 5 were closed has been seeded (9/10/16). Area surrounding SB#4 has been seeded (5/22/18). Stub road at the end of N 149th Street seeded and matted (9/8/20). Replat 6 was temp seeded (8/9/21).

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?

No

Create Corrective Action?

No - See BMP Section (Lot 22)

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:

1. Site is active for home building. **Replat 6 was active for storm and sewer installation as of the most recent inspection.**
2. SB 4 is being partially closed to accommodate the dirt from the grading of the new area as of 11/9/17. The inspector will continue to monitor its effectiveness. The surrounding area is primarily built out so the remaining basin can accommodate the flow coming from the adjacent lots. The basin was working effectively as of the 8/13/18 inspection.

Findings / Corrective Actions (Date):

Findings / Corrective Actions (Date):

Some maintenance is required in the BMP section.

| Unique Name | Type | Location | Projected Install Date | Status | Maintenance |
|---------------------------|--|--|------------------------|---------|-------------|
| CE 1 | Construction Entrance | Intersection of Rosewood and Rainwood Road | 11/21/2017 | Pending | No |
| Current Condition: | Pending - The inspector will recommend an entrance if it becomes necessary as of the 11/21/2017 inspection. | | | | |
| CW 1 | Concrete Washout | Lot 20 | | Removed | |
| Current Condition: | Removed - Boyer Young cleaned out and removed the concrete washout prior to the 9/26/15 inspection. | | | | |
| CW 2 | Concrete Washout | Lot 162 | | Removed | |
| Current Condition: | Removed - Boyer Young cleaned out and removed the concrete washout prior to the 9/26/15 inspection. | | | | |
| IF 1 | Inlet Filter | Rosewater Prky and Chicory St. | | Removed | |
| Current Condition: | Removed - E&A inspector removed the inlet filter during inspection on 4/15/17. | | | | |
| Lot 17 | Individual Lot | Lot 17 | | Removed | |
| Current Condition: | Removed - Metro Homes sodded the lot prior to the inspection on 6/11/21. | | | | |
| Lot 18 | Silt Fence | Lot 18 | | Removed | |
| Current Condition: | Removed - Gene Bramhill sodded the lot prior to the inspection on 6/19/20. | | | | |
| Lot 20 | Individual Lot | Lot 20 | | Removed | |
| Current Condition: | Removed - Story Homes sodded the lot prior to the inspection on 6/26/21. | | | | |
| Lot 22 | Individual Lot | Lot 22 | 11/24/2020 | Active | No |
| Current Condition: | Active - Metro Homes began excavating the lot prior to the 11/24/20 inspection. A dirt pile was observed in the ROW during the 11/24/20 inspection. Due to the lot being mostly flat during the 11/24/20 inspection no BMP recommendation is needed at this time. E&A inspector will continue to monitor for BMP installation. Metro Homes removed the dirt pile from the ROW, and the concrete waste prior to the inspection on 1/28/21. Metro Homes removed the dirt pile from the ROW prior to the inspection on 4/19/21. | | | | |
| Lot 24 | Individual Lot | Lot 24 | 10/12/2020 | Active | Yes |

| | | | | | |
|---------------------------|--|---|------------|---------|------------|
| Current Condition: | <p>Fair Condition - Story Homes installed silt fence on the sides of the lot prior to the inspection on 10/12/20. Story Homes installed a portable toilet on the southeast corner of the lot prior to the inspection on 1/14/21, the portable toilet is secured. Story Homes removed the portable toilet from the lot prior to the inspection on 2/15/21. Story Homes placed a portable toilet on the lot prior to the inspection on 3/1/21. Story Homes removed the dirt pile from the ROW prior to the inspection on 4/19/21. Story Homes stood up the portable toilet prior to the inspection on 7/12/21.</p> <p>1.) The silt fence on the south side of the lot should be reinstalled. 2.) The portable toilet should be secured. 3.) The silt fence on the north side of the lot should be cleaned out/repaired. UPDATE: silt fence should be reinstalled.</p> <p>1.) Story Homes was informed to complete by 2/4/21. Not done as of the last inspection. Story Homes was reminded on 3/2/21, 3/26/21, 4/7/21, 6/12/21, 7/14/21, 8/3/21, 9/2/21, 9/30/21 2.) Story Homes was informed to complete by 3/8/21. Not done as of the last inspection. Story Homes was reminded on 3/26/21, 4/7/21, 6/12/21, 7/14/21, 8/3/21, 9/2/21, 9/30/21 3.) Story Homes was informed to complete by 4/14/21. Not done as of last inspection. Story Homes was reminded on 6/12/21, 7/14/21, 8/3/21, 9/2/21, 9/30/21</p> | | | | |
| Lot 25 | Individual Lot | Lot 25 | | Removed | |
| Current Condition: | Removed - Metro Homes sodded the lot prior to the inspection on 6/11/21. | | | | |
| Lot 62 | Individual Lot | Lot 62 | | Removed | |
| Current Condition: | Removed - Huntington Homes sodded the lot prior to the inspection on 4/28/20. | | | | |
| Lot 65 | Individual Lot | Lot 65 | | Removed | |
| Current Condition: | Removed - Huntington Homes sodded the lot prior to the inspection on 4/28/20. | | | | |
| SF 6 | Silt Fence | SB 5 | | Removed | |
| Current Condition: | Removed - Commercial Seeding removed the silt fence prior to the 10/9/18 inspection. | | | | |
| SF 7 | Silt Fence | SB 3 | | Removed | |
| Current Condition: | Removed - SF 7 changed to lot level item (lots 5 and 6) as of 5/15/18. | | | | |
| SF 8 | Silt Fence | Rainwood Road | | Removed | |
| Current Condition: | Removed - Boyer Young installed a silt fence check in front of Rainwood Road prior to 11/23/2016. Silt Fence was repaired prior to the 8/13/18 inspection. Boyer Young removed the silt fence prior to the 10/23/18 inspection. | | | | |
| SF 9 | Silt Fence | The perimeter of the newly graded area | 11/21/2017 | Active | No |
| Current Condition: | <p>Good Condition - The silt fence was repaired by Commercial Seeding prior to the inspection on 4/5/18. Commercial Seeding installed silt fence around the existing dirt stock pile prior to the inspection on 3/5/18. The silt fence in the SE corner was repaired prior to inspection on 4/27/18. Silt fence was repaired and sediment was cleaned up from adjacent lots prior to the 8/13/18 inspection. Commercial Seeding repaired and cleaned out the silt fence prior to the 11/6/18 inspection. Commercial Seeding backfilled and repaired the silt fence prior to the 6/24/19 inspection. E&A inspector retied the silt fence where it was damaged during the 8/12/19 inspection. Jerry Banks repaired/cleaned out/trenched in the silt fence in multiple locations prior to the inspection on 6/10/20. Centennial Enterprises trenched in and backfilled the undermined silt fence prior to the inspection on 8/11/20. JBG reinstalled the norther run of silt fence prior to the inspection on 6/21/21. Commercial Seeding fixed all silt fence on site prior to the inspection on 7/26/21. Commercial Seeding fixed all silt fence on site prior to the inspection on 9/27/21.</p> | | | | |
| SB 3 | Sediment Basin | South of Wild Indigo St and Prairie Star St. | | Removed | |
| Current Condition: | Removed - The basin was closed prior to the 8/24/16 inspection. | | | | |
| SB 4 | Sediment Basin | South of 149th Dead End | 11/14/2005 | Active | No |
| Current Condition: | Good Condition- 41% Filled - Roth Enterprise cleaned off the risers prior to the 7/7/16 inspection. Dustin Roth removed southern riser and removed dirt to restore drainage prior to inspection on 7/2/18. | | | | |
| SB 5 | Sediment Basin | Southwest corner of Rosewater Pkwy and North H.W.S Cleveland Blvd | | Removed | |
| Current Condition: | Removed - The basin was closed prior to the 8/24/16 inspection. | | | | |
| STR | Street Cleaning | Entire Site | 2/26/2007 | Active | Yes |

| | |
|---------------------------|--|
| Current Condition: | <p>Fair Condition - CBS Homes cleaned the streets in front of Lot 26 prior to inspection on 6/20/18. Streets were clean during the 9/18/18 inspection. Street was cleaned in front of lot 38 prior to the 10/23/18 inspection. Streets were covered in snow during the 2/19/19 inspection, street cleaning recommendations will remain on the report until the inspector can verify if any street cleaning activities have occurred. Minor street cleaning was performed in front of lots 60, 61, and 66 by plowing activities or by Legacy Homes prior to the 3/5/19 inspection, sediment is still present along the curb line. Legacy Homes cleaned the curb line prior to the 5/7/19 inspection, minor sediment is present in front of lots 38 and 39, inspector will continue to monitor. Brookstone Development cleaned the street in front of lot 44 prior to the 10/22/19 inspection. Metro Homes cleaned the street in front of Lots 17 and 25 prior to the inspection on 5/27/20. Metro Homes cleaned the street in front of Lot 17 prior to the inspection on 8/11/20. Metro Homes cleaned the street in front of lot 17 prior to the inspection on 11/10/20. Metro Homes sodded lots 17 and 25 and no longer require street cleaning(6/21/21). Story Homes cleaned the street in front of lot 20 prior to the inspection on 6/26/21.</p> <p>1.) The street in front of lot 22 should be cleaned. 2.) The street in front of lot 24 should be cleaned.</p> <p>1.) Metro Homes was informed to complete by 12/22/20. Not done as of last inspection. Metro Homes was reminded on 1/29/21, 3/2/21, 3/26/21, 4/7/21, 6/12/21, 7/14/21, 8/3/21, 9/2/21, 9/30/21 2.) Story Homes was informed to complete by 4/26/21. Not done as of last inspection. Story Homes was reminded on 6/12/21, 7/14/21, 8/3/21, 9/2/21, 9/30/21</p> |
|---------------------------|--|

Replat 6

| | | | | | |
|-----------------------------|---|-------------------|-----------|--|-----|
| CE 1 | Construction Entrance | Southwest corner | 5/27/2021 | Pending | Yes |
| Current Condition: | <p>Pending-</p> <p>Construction entrance should be installed.</p> <p>Mark Hopkins was informed to complete by 10/4/21.</p> | | | | |
| CE 2 | Construction Entrance | Northeast corner | 5/27/2021 | Pending | Yes |
| Current Condition: | <p>Pending-</p> <p>Construction entrance should be installed.</p> <p>Mark Hopkins was informed to complete by 10/4/21.</p> | | | | |
| D 1 | Diversion Ditch | South of SB 4 | 6/14/2021 | Active | No |
| Current Condition: | Good Condition - JBG installed the diversion prior to the inspection on 6/14/21. | | | | |
| PT 01 | Portable Toilet | Adjacent to CE 2 | 9/27/2021 | Active | No |
| Current Condition: | Good Condition - Mark Hopkins installed and secured a portable toilet prior to the inspection on 9/27/21. | | | | |
| SF 1 | Silt Fence | East edge of site | 5/27/2021 | Active | No |
| Current Condition: | Good Condition- Mark Hopkins installed prior to the inspection on 5/27/21. Commercial Seeding extended the silt fence west along the basin prior to the inspection on 9/27/21. | | | | |
| SWPPP Sign | Signs | 1 sign on site | 8-19-08 | Active | No |
| Current Condition: | Good Condition: E&A inspector installed the SWPPP sign on 8/19/08. 156th and Bennington Blvd | | | | |
| Inspector Signature: | <i>Bryce M. Wright</i> | | | Reviewed By: <i>[Signature]</i> | |