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E & A CONSULTING GROUP, INC.

Engineering Answers

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 Environmental Services Dept. Manager

E&A - P2020.091.000

| | | |
|------------------------|---|--------------|
| Inspector: Joe Manning | | Stage |
| Project Name: | Majestic Pointe East OMA-20201015-5644-GP1 / CSW-202005078 | 1 |
| For Week Ending: | 10/8/2022 | 68007 |
| Project Location: | 168th Street and State Street - Omaha, NE (Douglas County) | |

| | | | | |
|----------------------|------|--|--|--|
| Grading: | 99% | | | |
| Sanitary Sewer: | 100% | | | |
| Storm Sewer: | 95% | | | |
| Paving: | 98% | | | |
| Seeding: | 35% | | | |
| Utilities: | 30% | | | |
| Overall Development: | 50% | | | |

| RAIN FALL AMOUNTS | Amount in tenths | Date inspected | Weather Conditions | Time | |
|-------------------|------------------|----------------|--------------------|----------|---------------|
| | | | | | Week 1 |
| Sunday: | 0.00" | | | | |
| Monday: | 0.00" | | | | |
| Tuesday: | 0.00" | | | | |
| Wednesday: | 0.00" | 10/5/2022 | Sunny 74/54 | 10:40 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?
 Ground disturbance associated with tree clearing at the 171st Street and Reynolds Street Crossings (4/2/2021). Ground disturbance associated with tree clearing along State Street (4/13/2021). Mass grading began in DEV A, DEV NT3, and the south portion of DEV NT2 (7/07/2021). Mass grading throughout the entire site. Mass grading for Reynolds Street and N 170th Street crossings (10/06/2021). Disking in the north half of the site (12/02/2021). Surcharge removal in the north portion of the site. Storm sewer installation (12/08/2021). Disking along the southwest portion of the site. Grading for N 170th Street crossing (12/16/2021). Grading at Reynolds Street crossing (12/29/2021). Construction of box culvert at N 170th Street crossing (12/29/2021). Excavation for Reynolds Street culvert. Backfilling for N 170th Street box culvert (2/16/2022). Grading for the N 170th Street box culvert (3/02/2022). Grading near Reynolds Street and 168th Street (7/19/2022). A grade stabilization structure was installed in the creek west of SB A (8/2/2022).

Which portion(s) (i.e. drainage basins) of the site do not have grading, earthwork, or ground disturbance scheduled in the next 14 days?
 Ground disturbance associated with tree clearing at the 171st Street and Reynolds Street Crossings (4/2/2021). Ground disturbance associated with tree clearing along State Street (4/13/2021). Mass grading began in DEV A, DEV NT3, and the south portion of DEV NT2 (7/07/2021). Mass grading throughout the entire site. Mass grading for Reynolds Street and N 170th Street crossings (10/06/2021). Disking in the north half of the site (12/02/2021). Surcharge removal in the north portion of the site. Storm sewer installation (12/08/2021). Disking along the southwest portion of the site. Grading for N 170th Street crossing (12/16/2021). Grading at Reynolds Street crossing (12/29/2021). Construction of box culvert at N 170th Street crossing (12/29/2021). Excavation for Reynolds Street culvert. Backfilling for N 170th Street box culvert (2/16/2022). Grading for the N 170th Street box culvert (3/02/2022). Grading near Reynolds Street and 168th Street (7/19/2022). A grade stabilization structure was installed in the creek west of SB A (8/2/2022).

What temporary or permanent stabilization measures listed in this section are being implemented?
 Existing vegetation (4/2/2021). Seeding and matting along the north side of the site, the western slopes along SB A, and the northeastern slopes (12/08/2021). Seeding along the N 170th Street crossing (9/28/2022). **Matting along the N 170th Street crossing (10/05/2022).**

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? | | | | | |
| Yes | | | | | |
| Create Corrective Action? | | | | | |
| N/A | | | | | |
| Is dust associated with the construction activity adequately controlled on the site? | | | | | |
| Yes | | | | | |
| Create Corrective Action? | | | | | |
| N/A | | | | | |
| Comments: | | | | | |
| Comments: | | | | | |
| Site was inactive during the current inspection. | | | | | |
| Findings / Corrective Actions (Date): | | | | | |
| Findings / Corrective Actions (Date): | | | | | |
| 1.) Some maintenance is required in the BMP section. | | | | | |
| | | | | | |
| Unique Name | Type | Location | Projected Install Date | Status | Maintenance |
| CE 1 | Construction Entrance | V11 | | Removed | |
| Current Condition: | Removed - JC Excavation graded out the site access at this location as of the inspection on 10/13/21. | | | | |
| CE 2 | Construction Entrance | S2 | 2/23/2021 | Pending | No |
| Current Condition: | Pending - 77% effective - Legacy Homes installed a construction entrance prior to 2/23/21. Gene Graves and Legacy Homes blocked the construction entrance prior to the inspection on 6/08/21. JC Excavation blocked the construction entrance prior to the inspection on 10/13/21. E&A inspector will monitor and make recommendations if the entrances is used at a later date. | | | | |
| CE 3 | Construction Entrance | T27 | | Removed | No |
| Current Condition: | Removed - TAB Construction removed the construction entrance prior to the inspection on 6/10/22. | | | | |
| CE 4 | Construction Entrance | I4 | | Removed | |
| Current Condition: | Removed - The construction entrance was paved prior to the inspection on 9/21/22. | | | | |
| CIP 1 | Inlet Protection | S29 | 2/16/2022 | Active | No |
| Current Condition: | Good Condition - Graves Development installed curb inlet protection in the existing inlet on the north side of Potter Street prior to the inspection on 2/16/22. Graves Development cleaned out the curb inlet protection prior to the inspection on 7/26/22. | | | | |
| CIP 2 | Inlet Protection | South end of North 169 Street | 8/2/2022 | Active | No |
| Current Condition: | Good Condition - Graves Development installed curb inlet protection prior to the inspection on 8/2/22. Some dirt was observed in front of the inlet protection during the inspection on 10/05/22. E&A inspector will monitor and recommend cleaning as necessary. | | | | |
| D 1 | Diversion | O3 - U2 | 11/16/2021 | Active | Yes |
| Current Condition: | Fair Condition - JC Excavation and Gene Graves installed the diversion prior to the inspection on 11/16/21. Location of diversion was misidentified. As of 11/23/21, diversion is located at O3 to U2. The diversion was partially removed by disking prior to the inspection on 12/02/21. The diversion should be redefined into the basin. JC Excavation and Gene Graves were informed to complete by 12/15/21. Not done as of the last inspection. Gene Graves and Susan Mortensen were reminded on 2/02/22, 2/11/22, 4/07/22, 6/01/22, 7/5/22, 8/2/22, 9/6/22 | | | | |
| D 2 | Diversion | J18 - S27 | | Removed | |
| Current Condition: | Removed - Valley Corp partially removed the diversion during sanitary installation prior to the inspection on 12/02/21. Due to paving, reinstallation will not be recommended as of 7/5/22. | | | | |
| D 3 | Diversion | J15 - N6 | | Removed | |
| Current Condition: | Removed - The diversion was partially graded out due to disking on site prior to the inspection 12/02/21. Due to paving, reinstallation will not be recommended as of 7/5/22. | | | | |
| EM 1 | Erosion Control Matting | E11 - S25 | 9/1/2021 | Pending | No |
| Current Condition: | Pending - The matting will be installed after grading is completed in the area and weather conditions allow. | | | | |
| EM 2 | Erosion Control Matting | E6 - F12 | 12/8/2021 | Active | No |
| Current Condition: | Good Condition- Gene Graves installed the erosion control matting prior to the inspection on 12/08/21. | | | | |
| EM 3 | Erosion Control Matting | M6 - Z6 | 9/1/2021 | Pending | No |
| Current Condition: | Pending - The matting will be installed after grading is completed in the area and weather conditions allow. | | | | |
| EM 4 | Erosion Control Matting | Z5 - Z24 | 12/8/2021 | Active | No |
| Current Condition: | Good Condition- Gene Graves installed the erosion control matting prior to the inspection on 12/08/21. | | | | |
| EM 5 | Erosion Control Matting | V1 - V7 | 12/8/2021 | Active | No |
| Current Condition: | Good Condition- Gene Graves installed the erosion control matting prior to the inspection on 12/08/21. | | | | |
| ET 1 | Erosion Control Terrace | V8 - O21 | 9/21/2021 | Active | No |
| Current Condition: | Good Condition - JC Excavation installed the erosion control terrace prior to the inspection on 9/21/21. | | | | |
| ET 2 | Erosion Control Terrace | S2 - K14 | 9/21/2021 | Active | No |
| Current Condition: | Good Condition - JC Excavation installed the majority of the erosion control terrace prior to the inspection on 9/21/21. | | | | |
| FT 1 | Fuel Tank | On-site | | Removed | |
| Current Condition: | Removed - JC Excavation and Gene Graves removed the fuel tanker and cleaned up the spills prior to the inspection on 12/16/21. | | | | |
| FT 2 | Fuel Tank | On-site | | Removed | |
| Current Condition: | Removed - Valley Corp removed the fuel tank prior to the inspection on 11/23/21. | | | | |
| FT 3 | Fuel Tank | On-site | | Removed | |
| Current Condition: | Removed - Tab Construction removed a double-walled fuel tank on site prior to the inspection on 7/19/22. | | | | |

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|---------------------------|---|-----------|------------|---------|----|
| FT 4 | Fuel Tank | On-site | | Removed | |
| Current Condition: | Removed - Tab Construction removed the fuel tank prior to the inspection on 12/29/21. | | | | |
| MS 01 | Material Storage | On Site | 3/2/2022 | Active | No |
| Current Condition: | Good Condition - Material storage is active in the south portion of the site as of the inspection on 3/02/22. | | | | |
| PB 01 | Portable Bathroom | On Site | | Removed | |
| Current Condition: | Removed - JC Excavation removed the portable toilet prior to the inspection on 11/23/21. | | | | |
| PB 02 | Portable Bathroom | On Site | | Removed | |
| Current Condition: | Removed - Tab Construction removed the portable toilet prior to the inspection on 1/12/22. | | | | |
| PB X | Portable Bathroom | On Site | 12/29/2021 | Active | No |
| Current Condition: | Good Condition - Tab Construction secured a portable toilet on site prior to the inspection on 12/29/21. Valley Corp secured a portable toilet on site prior to the inspection on 3/16/22. Tab Construction removed a portable toilet from the site prior to the inspection on 3/29/22. Valley Corp stood up and resecured the portable toilet prior to the inspection on 4/22/22. Valley Corp removed a toilet prior to the inspection on 8/16/22. | | | | |
| SB A | Sediment Basin | E9 | 7/14/2021 | Active | No |
| Current Condition: | Good Condition - 9% full - JC Excavation began shaping the basin prior to the inspection on 10/06/21. E&A inspector will continue to monitor. JC Excavation repaired the erosion along the berm of the basin prior to the inspection on 11/03/21. JC Excavation was in the process of installing the riser during the inspection on 12/02/21. The E&A inspector painted the cleanout mark during the inspection on 12/08/21. Gene Graves installed an inlet pipe into the basin prior to the inspection on 12/08/21. The recommendation of including the emergency spillway will no longer be recommended as of 9/6/2022 due to the site's advanced development. | | | | |
| SB B | Sediment Basin | O3 | 9/28/2021 | Active | No |
| Current Condition: | Good Condition - 0% full - JC Excavation shaped the basin prior to the inspection on 10/25/21. JC Excavation repaired the erosion along the berm of the basin prior to the inspection on 11/03/21. JC Excavation was in the process of installing the riser during the inspection on 11/23/21. JC Excavation installed the outfall pipe prior to the inspection on 12/02/21. The E&A inspector painted the cleanout mark during the inspection on 12/08/21. JC Excavation and Gene Graves partially built up the low spot in the berm near the riser prior to the inspection on 12/16/21. JC Excavation fully built up the berm prior to the inspection on 12/21/21. Gene Graves was in the process of reinstalling the riser during the inspection on 6/21/22. E&A inspector will monitor for completion. Gene Graves reinstalled the riser prior to the inspection on 6/28/22. The E&A inspector painted the cleanout mark during the inspection on 6/28/22. The recommendation of including the emergency spillway will no longer be recommended as of 9/6/2022 due to the site's advanced development. Hausman began basin cleanout prior to the inspection on 9/12/22. | | | | |
| SF 1 | Silt Fence | W27 - I20 | 4/27/2021 | Active | No |
| Current Condition: | Good Condition - JC Excavation installed the silt fence prior to the inspection on 4/27/21. JC Excavation and Gene Graves partially cleaned out the silt fence prior to the inspection on 10/13/21. JC Excavation and Gene Graves installed silt fence along the south side of the Reynolds Street crossing prior to the inspection on 10/25/21. Sudbeck Companies was in the process of repairing the silt fence during the inspection on 3/16/22. E&A inspector will monitor for completion. Sudbeck cleaned out and repaired the silt fence prior to the 3/22/22 inspection. Sudbeck reinstalled the silt fence where removed near the center of the run prior to the inspection on 3/29/22. Graves Development reinstalled the silt fence along and over the south side of Reynolds Street Culvert prior to the inspection on 7/26/22. Graves Development backfilled the silt fence and installed a J-hook north of the crossing on the eastern portion of the silt fence prior to the inspection on 8/30/22. Graves Development backfilled and repaired the silt fence on the north side of the Reynolds Street crossing prior to the inspection on 10/05/22. | | | | |
| SF 2 | Silt Fence | I17 - K7 | 4/27/2021 | Active | No |
| Current Condition: | Good Condition - JC Excavation installed the silt fence prior to the inspection on 4/27/21. JC Excavation and Gene Graves installed silt fence along the south side of the N 170th Street crossing and the north side of the Reynolds Street crossing prior to the inspection on 10/25/21. Tab Construction graded the N 170th Street culvert and removed the silt fence around the culvert in the process prior to the inspection on 3/02/22. Sudbeck cleaned out and repaired the silt fence prior to the 3/22/22 inspection. Sudbeck repaired the silt fence north of the SB A outfall and reinstalled the silt fence where removed near the center of the run prior to the inspection on 3/29/22. Silt fence around the outfall was removed during tree clearing observed during the inspection on 7/19/22. E&A inspector will monitor to recommend reinstallation. Graves Development reinstalled the silt fence along and over the north side of Reynolds Street Culvert and the N 170th Street Culvert prior to the inspection on 7/26/22. The area of ground disturbance was stabilized by Dustin Wallis prior to the inspection on 9/21/22. | | | | |
| SF 3 | Silt Fence | M6 - R2 | 4/27/2021 | Active | No |
| Current Condition: | Good Condition - Legacy Homes installed the silt fence prior to E&A's first inspection on 2/23/21. JC Excavation was in the process of repairing/reinstalling the silt fence during the inspection on 4/21/21. Silt fence was formerly identified as SF 5. JC Excavation and Gene Graves installed silt fence along the north side of the N 170th Street crossing prior to the inspection on 10/25/21. JC Excavation and Gene Graves reinstalled/extended the silt fence south from the SB B outfall to the N 170th Street crossing prior to the inspection on 12/08/21. Tab Construction graded the N 170th Street culvert and removed the silt fence around the culvert in the process prior to the inspection on 3/02/22. Sudbeck cleaned out and trenched in the silt fence prior to the 3/22/22 inspection. Sudbeck reinstalled the silt fence where removed northwest of SB B, reinstalled silt fence along the north side of the site, and installed two checks along the north side of the site prior to the inspection on 3/29/22. Graves Development reinstalled the silt fence along and over the north side of the N 170th Street Culvert prior to the inspection on 7/26/22. Graves Development installed silt fence above and below the outfall prior to the inspection on 8/30/22. Graves Development was repairing the silt fence south of the crossing during the inspection on 9/28/22. Graves Development cleaned out the silt fence south of the N 170th crossing and removed the portion where the crossing was seeded/matted prior to the inspection on 10/05/22. | | | | |
| SF 4 | Silt Fence | M6 - R2 | | Removed | |
| Current Condition: | Removed - JC Excavation removed the northern half of the silt fence fabric prior to the inspection on 10/06/21. JC Excavation removed the remainder of the silt fence fabric prior to the inspection on 11/11/21. | | | | |
| SF 5 | Silt Fence | M6 - N3 | | Removed | |
| Current Condition: | Removed - Silt fence identified as SF 3 as of 4/27/21. | | | | |
| SF 6 | Silt Fence | H19 | | Removed | |
| Current Condition: | Removed - JC Excavation removed the silt fence on both sides of the creek prior to the inspection on 10/06/21. | | | | |
| SF 7 | Silt Fence | K6 | | Removed | |
| Current Condition: | Removed - JC Excavation removed the silt fence on both sides of the creek prior to the inspection on 10/06/21. | | | | |
| SF 8 | Silt Fence | R2 | | Removed | |
| Current Condition: | Removed - JC Excavation removed the silt fence prior to the inspection on 10/06/21. | | | | |
| SF 9 | Silt Fence | W15 | 6/28/2022 | Active | No |
| Current Condition: | Good Condition - Graves Development installed a silt fence check prior to the inspection on 6/28/22. | | | | |
| STR | Streets | On Site | 4/2/2021 | Active | No |

| | | | | | |
|---------------------------------|---|-------------------|---------------------|---------|---|
| Current Condition: | Good Condition - State Street was cleaned prior to the inspection on 6/01/21. Minor trackout was observed on N 170th Street during the inspection on 1/05/22. Graves Development cleaned Potter Street south of the site prior to the inspection on 6/28/22. Graves Development cleaned 171th Street prior to the inspection on 8/23/22. The street was cleaned prior to the inspection on 9/12/22. | | | | |
| SWPPP Sign | SWPPP Signs | Adjacent to CE 3 | 4/21/2021 | Active | Yes |
| Current Condition: | Fair Condition - E&A inspector installed the SWPPP sign during the inspection on 4/21/21. E&A inspector moved the SWPPP sign to CE 3 during the inspection on 12/02/21. The SWPPP sign was damaged prior to the inspection on 9/28/22. The SWPPP sign should be repaired/reinstalled . E&A inspector will repair and reinstall the sign by 10/05/22. Not done as of the last inspection. | | | | |
| WO 01 | Concrete Washout | On Site | | Removed | |
| Current Condition: | Removed - Tab Construction removed all concrete waste from the site prior to the inspection on 3/02/22. | | | | |
| WO 02 | Concrete Washout | On Site | | Removed | |
| Current Condition: | Removed - Tab Construction removed the concrete washout prior to the inspection on 8/16/22. | | | | |
| WO 03 | Concrete Washout | Southeast of SB B | | Removed | |
| Current Condition: | Removed- Tab Construction removed the concrete washout prior to the inspection on 8/30/22. | | | | |
| WO 04 | Concrete Washout | West of SB B | | Removed | |
| Current Condition: | Removed - Tab Construction removed the concrete washout prior to the inspection on 8/9/22. | | | | |
| WS 01 | Waste Storage Area | On Site | | Removed | |
| Current Condition: | Removed - The waste storage container was removed from the site prior to the inspection on 7/26/22. | | | | |
| Certification Statement: | 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. | | | | |
| Inspector Signature: |  | | Reviewed By: | |  |