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

*Engineering Answers*

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

**E&A- P2014.577.001**

Inspector: Nick Jenkins		Stage
Project Name:	<b>Shelby High School NER115160</b>	2
For Week Ending:	<b>5/13/2017</b>	
Project Location:	<b>Walnut St. and Washington St, Shelby, NE (Polk County)</b>	<b>68662</b>

Grading:	100%			
Sanitary Sewer:	100%			
Storm Sewer:	100%			
Paving:	<b>93%</b>			
Seeding:	50%			
Utilities:	100%			
Overall Development:	70%			

RAIN FALL AMOUNTS	Amount in tenths	Date inspected	Weather Conditions	
				<b>Week 1</b>
Sunday:	0.00"			
Monday	0.00"			
Tuesday	<b>0.01"</b>			
Wednesday	0.00"			
Thursday	0.00"			
Friday	<b>0.52"</b>	<b>04/28/17</b>	<b>46/35 Rain</b>	
Saturday	<b>0.06"</b>			
				<b>Week 2</b>
Sunday:	<b>2.46"</b>			
Monday	<b>0.09"</b>	<b>05/01/17</b>	<b>60/33 Partly Cloudy</b>	
Tuesday	0.00"			
Wednesday	<b>0.27"</b>			
Thursday	0.00"			
Friday	0.00"			
Saturday	0.00"			
				<b>Week 3</b>
Sunday:	0.00"			
Monday	0.00"			
Tuesday	0.00"			
Wednesday	<b>0.60"</b>	<b>05/10/17</b>	<b>Tstorm 62/53</b>	
Thursday	0.00"			
Friday	0.00"			
Saturday	0.00"			

<b>Complaints:</b>	None
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**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?:  
 Grading is active (6/11/15) Phase 1 was complete prior to the 7/18/15 inspection. The grading of Phase 2 started prior to the 11/3/15 inspection. Grading of Phase 2 has been completed. Minor grading will be completed at a later date(3/7/16)  
 BD Construction completed grading the parking lot (8/1/16)

Which portion(s) (i.e. drainage basins) of the site do not have grading, earthwork, or ground disturbance scheduled in the next 14 days? :  
 Grading is active (6/11/15) Phase 1 was complete prior to the 7/18/15 inspection. The grading of Phase 2 started prior to the 11/3/15 inspection. Grading of Phase 2 has been completed. Minor grading will be completed at a later date(3/7/16)  
 BD Construction completed grading the parking lot (8/1/16)

**What temporary or permanent stabilization measures listed in this section are being implemented?**  
 Existing Vegetation. The area West and East of the football field and track were seeded or sodded(11/3/15). Paving of the school addition has started (4/28/17).

**SUMMARY QUESTIONS:**  
**Are approved entrances and adjacent streets being maintained adequately?**  
 No, See BMP section.

**Are receiving waters adjacent to the project free of any significant signs of erosion or sediment that would be associated with the construction activity?**  
 No- sediment was deposited in the drainage way next to B3.

**CHECKLIST QUESTIONS:**  
**Are waste materials (concrete, construction material, hazardous, etc.) being managed properly?**  
 No, See Findings/Corrective Actions Section.

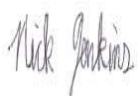
**Is dust associated with the construction activity adequately controlled on the site?**  
 Yes

**Comments:**  
**Comments:**  
 Construction of the school building is active as of the last inspection. School is active in parts of the building as of the last inspection. Water was being pumped out of a graded section of the school addition as of the last inspection.

**Findings / Corrective Actions (Date):**  
**Findings / Corrective Actions (Date):**  
 1.) See BMP section for required maintenance.  
 2.) The area disturbed along the west end of the athletic field needs to be seeded and stabilized. BD Construction was informed to complete by 1/30/17. Not done as of the last inspection. BD Construction was reminded on 3/21/17, 3/30/17, 4/16/17, 5/1/17  
 3.) The sediment that has deposited in the drainage way next to B3 needs to be cleaned up. BD Construction was informed to complete by 1/30/17. Not done as of the last inspection. BD Construction was reminded on 3/21/17, 3/30/17, 4/16/17, 5/1/17  
 4.) The area disturbed by utility work in the drainage way to the south of the site needs to be stabilized. BD Construction was informed to complete by 1/30/17. Not done as of the last inspection. BD Construction was reminded on 3/21/17, 3/30/17, 4/16/17, 5/1/17  
 5.) The concrete spoils around the playground and parking lot need to be removed. BD Construction was informed to complete by 4/23/17. Not done as of last inspection. BD Construction was reminded on 5/1/17.

Unique Name	Type	Location	Projected Install Date	Status	Maintenance
A1	Silt Fence	Southwest of Football Field		Removed	
<b>Current Condition:</b>	Removed - BD Construction removed the silt fence for final stabilization as of the 9/24/15 inspection.				
A2	Silt Fence	South of Football Field		Removed	
<b>Current Condition:</b>	Removed - The silt fence was removed due to paving in the area as of the 9/15/15 inspection.				
A3	Silt Fence	East of Football Field		Removed	
<b>Current Condition:</b>	Removed - BD Construction removed the silt fence for final stabilization as of the 9/24/15 inspection.				
A4	Silt Fence	Northwest of Football Field		Removed	
<b>Current Condition:</b>	Removed - The silt fence is no longer needed due to paving in the area as of the 9/15/15 inspection.				
A5	Silt Fence	West of Football Field		Removed	
<b>Current Condition:</b>	Removed - BD Construction removed the silt fence for final stabilization as of the 9/24/15 inspection.				
A9	Silt Fence	Southeast side of site		Removed	
<b>Current Condition:</b>	Removed - The silt fence was not needed during construction.				
A10	Silt Fence	Southeast side of site	1/30/2017	Pending	Yes
<b>Current Condition:</b>	Pending - BD Construction removed the silt fence prior to the 10/18/16 inspection to install utilities. The inspector will monitor the area to determine if the silt fence needs to be reinstalled.  The silt fence needs to be repaired/reinstalled.  BD Construction was informed to complete by 1/30/17. Not done as of the last inspection. BD Construction was reminded on 3/21/17, 3/30/17, 4/16/17, 5/1/17.				
A11	Silt Fence	South side of site	11/3/2015	Active	Yes
<b>Current Condition:</b>	Poor Condition  The silt fence needs to be repaired/reinstalled.  BD Construction was informed to complete by 1/30/17. Not done as of the last inspection. BD Construction was reminded on 3/21/17, 3/30/17, 4/16/17, 5/1/17				
A12	Silt Fence	Southwest corner of site	11/3/2015	Active	Yes
<b>Current Condition:</b>	Poor Condition  The silt fence needs to be repaired/reinstalled.  BD Construction was informed to complete by 1/30/17. Not done as of the last inspection. BD Construction was reminded on 3/21/17, 3/30/17, 4/16/17, 5/1/17				
A13	Silt Fence	Southwest corner of site	11/3/2015	Active	Yes
<b>Current Condition:</b>	Poor Condition  The silt fence needs to be repaired/reinstalled.  BD Construction was informed to complete by 1/30/17. Not done as of the last inspection. BD Construction was reminded on 3/21/17, 3/30/17, 4/16/17, 5/1/17				

A17	Inlet filter	South of existing building	3/21/2016	Active	No
<b>Current Condition:</b>	Good Condition - BD Construction installed the inlets prior to the 3/21/16 inspection. The inlets are above grade so no BMP protection is needed at this time. The inspector could not inspect this BMP as of the last inspection due to school being active and this area not being accessible.				
A18	Inlet filter	South of existing building	3/21/2016	Active	Yes
<b>Current Condition:</b>	Fair Condition - The inspector could not inspect this BMP as of the last inspection due to school being active and this area not being accessible.  The silt fence is undermined and needs to be backfilled.  BD Construction was informed to complete by 6/2/16. Not done as of last inspection. BD Construction was reminded on 7/20/16, 9/20/16, 10/19/16, 12/13/16, 1/24/17, 3/21/17, 3/30/17, 4/16/17, 5/1/17				
A19	Inlet filter	Between building on north side of the site		Removed	
<b>Current Condition:</b>	Pending - Then inlet was removed prior to inspection on 11/14/16.				
A20	Inlet filter	Between building on north side of the site	3/7/2016	Active	Yes
<b>Current Condition:</b>	Fair Condition -  The inlet pipe is broken off at the under pipe and needs to be reinstalled.  BD Construction was informed to complete by 5/8/17. <b>Not done as of last inspection.</b>				
A21	Inlet filter	Between building on north side of the site	3/7/2016	Active	No
<b>Current Condition:</b>	Active - The inlet is at grade as of the 3/21/16 inspection. The inlet is above grade so no BMP protection is needed at this time.				
B	Construction Entrance	Southwest of Football Field		Removed	
<b>Current Condition:</b>	Removed - This entrance is now a permanent entrance for school maintenance crews as of the 1/27/16 inspection.				
B 2	Construction Entrance	South side of existing parking lot	11/3/2015	Active	Yes
<b>Current Condition:</b>	<b>Poor Condition - 30% effective.</b>  Rock needs to be added to the entrance.  BD Construction was informed to complete by 10/25/16. Not done as of last inspection. BD Construction was reminded on 12/13/16, 1/24/17, 3/21/17, 3/30/17, 4/16/17, 5/1/17				
B 3	Construction Entrance	Southeast side of site		Active	
<b>Current Condition:</b>	Removed - BD Construction paved the construction entrance prior to inspection on 5/1/17.				
C1	Inlet Protection	Southeast of Football Field		Removed	
<b>Current Condition:</b>	Removed - This BMP is being removed from the report due to the inlet be located in a completed area of the project as of the 3/21/16 inspection.				
C2	Inlet Protection	Northeast of Football Field		Removed	
<b>Current Condition:</b>	Removed - This BMP is being removed from the report due to the inlet be located in a completed area of the project as of the 3/21/16 inspection.				
C3	Bale Check	Northwest of Football Field	1/30/2017	Pending	Yes
<b>Current Condition:</b>	Pending -  The bale check needs to be reinstalled due to continued runoff from the athletic field eroding the adjacent drainage way.  BD Construction was informed to complete by 1/30/17. Not done as of the last inspection. BD Construction was reminded on 3/21/17, 3/30/17, 4/16/17, 5/1/17				
C7	Bale Check	East property line	12/19/2016	Pending	Yes
<b>Current Condition:</b>	Pending  The bale check needs to be reinstalled in the drainage ditch.  BD Construction was informed to complete by 12/19/16. Not done as of last inspection. BD construction was reminded on 1/24/17. BD Construction was reminded on 3/21/17, 3/30/17, 4/16/17, 5/1/17				
CW	Concrete	On Site	3/27/2017	Pending	Yes

<b>Current Condition:</b>	Pending - The concrete will not be needed until paving starts again in the spring of 2017. The washout needs to be installed. BD Construction was informed to complete by 3/27/17. Not done as of the last inspection. BD Construction was reminded on 3/30/17, 4/16/17, 5/1/17.				
STR	Streets	On site	In Place	Active	No
<b>Current Condition:</b>	Good Condition - No major signs of track off.				
SWPPP Sign	SWPPP Sign	Southwest of Football Field	7/1/2015	Active	No
<b>Current Condition:</b>	Good Condition - The inspector installed the SWPPP sign on 7/1/15.				
Wattle Check 1	Straw Wattle	Southeast Corners of site	6/11/2015	Active	No
<b>Current Condition:</b>	Good Condition - BD Construction installed the wattle prior to the 6/11/15 inspection.				
Wattle Check 2	Straw Wattle	North west corner of site	11/18/2015	Active	Yes
<b>Current Condition:</b>	Fair Condition Additional wattles need to be installed, or a more substantial BMP needs to be installed to prevent more sediment from migrating to drainage way. BD Construction was informed to complete by 1/30/17. Not done as of the last inspection. BD Construction was reminded on 3/21/17, 3/30/17, 4/16/17, 5/1/17				
Wattle Check 3	Straw Wattle	West of entrance B3	6/11/2015	Active	Yes
<b>Current Condition:</b>	Fair Condition - B3 and the street near the school addition has been paved. No BMP is needed due to the elevation of the street. The wattles need to be removed. BD Construction was informed to complete by 5/8/17. <b>Not done as of last inspection.</b>				
<b>Inspector Signature:</b>				<b>Reviewed By:</b>	
				