

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- P2014.577.001

Inspector: Sam Fletcher		Stage
Project Name:	<b>Shelby High School NER115160</b>	2
For Week Ending:	<b>9/24/2016</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:	90%			
Seeding:	50%			
Utilities:	90%			
Overall Development:	60%			

RAIN FALL AMOUNTS	Amount in tenths	Date inspected	Weather Conditions	
				<b>Week 1</b>
Sunday:	0.00"			
Monday	0.13"			
Tuesday	0.42"			
Wednesday	0.00"			
Thursday	1.79"			
Friday	.40"	09/16/16	77/55 cloudy	
Saturday	0.00"			
				<b>Week 2</b>
Sunday:	0.00"			
Monday	0.00"			
Tuesday	0.00"			
Wednesday	0.10"			
Thursday	0.16"			
Friday	0.00"			
Saturday	0.42"			
				<b>Week 3</b>
Sunday:	N/A			
Monday	N/A			
Tuesday	N/A			
Wednesday	N/A			
Thursday	N/A			
Friday	N/A			
Saturday	N/A			

Complaints:	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 of the football field and track were seeded or sodded(11/3/15).

**SUMMARY QUESTIONS:**  
 Are approved entrances and adjacent streets being maintained adequately?

Yes
<b>Are receiving waters adjacent to the project free of any significant signs of erosion or sediment that would be associated with the construction activity?</b>
Yes
<b>CHECKLIST QUESTIONS:</b>
<b>Are waste materials (concrete, construction material, hazardous, etc.) being managed properly?</b>
Yes
<b>Is dust associated with the construction activity adequately controlled on the site?</b>
Yes
<b>Comments:</b>
<b>Comments:</b> Construction of the school building is active as of the last inspection. The Parking lot was being paved as of the last inspection.
<b>Findings / Corrective Actions (Date):</b>
<b>Findings / Corrective Actions (Date):</b> 1) See BMP section for required maintenance.

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.				
A10	Silt Fence	Southeast side of site	11/3/2015	Active	Yes
<b>Current Condition:</b>	<b>Poor Condition</b> Due to the vegetated buff strip around the site and the site being flat the silt fence can be removed. BD Construction was informed to complete by 7/27/16. Not done as of last inspection. BD was reminded on 9/20/16.				
A11	Silt Fence	South side of site	11/3/2015	Active	Yes
<b>Current Condition:</b>	<b>Poor Condition</b> Due to the vegetated buff strip around the site and the site being flat the silt fence can be removed. BD Construction was informed to complete by 7/27/16. Not done as of last inspection. BD was reminded on 9/20/16.				
A12	Silt Fence	Southwest corner of site	11/3/2015	Active	Yes
<b>Current Condition:</b>	<b>Poor Condition</b> Due to the vegetated buff strip around the site and the site being flat the silt fence can be removed. BD Construction was informed to complete by 7/27/16. Not done as of last inspection. BD was reminded on 9/20/16.				
A13	Silt Fence	Southwest corner of site	11/3/2015	Active	Yes
<b>Current Condition:</b>	<b>Poor Condition</b> Due to the vegetated buff strip around the site and the site being flat the silt fence can be removed. BD Construction was informed to complete by 7/27/16. Not done as of last inspection. BD was reminded on 9/20/16.				
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.				

A18	Inlet filter	South of existing building	3/21/2016	Active	Yes
<b>Current Condition:</b>	Fair Condition The silt fence in 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.				
A19	Inlet filter	Between building on north side of the site	3/7/2016	Active	No
<b>Current Condition:</b>	Good Condition - The inlet is damaged and no longer functioning as of the 5/26/16 inspection. The inspector will update.				
A20	Inlet filter	Between building on north side of the site	3/7/2016	Active	No
<b>Current Condition:</b>	Good Condition - BD Construction installed the inlets prior to the 3/7/16 inspection. The inlets are above grade so no BMP protection is needed at this time.				
A21	Inlet filter	Between building on north side of the site	3/7/2016	Active	No
<b>Current Condition:</b>	Good Condition - The inlet is at grade as of the 3/21/16 inspection. The gutters from the existing building is emptying into the inlet as of the 3/21/16 inspection. So silt fence will not be installed over the inlet.				
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		Removed	
<b>Current Condition:</b>	Good Condition - 71% effective. BD Construction installed the rock entrance prior to the 3/7/16 inspection.				
B 3	Construction Entrance	Southeast side of site	11/3/2015	Active	No
<b>Current Condition:</b>	Good Condition - 74% effective. BD Construction added rock to the entrance prior to the 3/7/16 inspection.				
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	Inlet Protection	Northwest 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.				
C7	Bale Check	East property line	3/21/2016	Active	No
<b>Current Condition:</b>	Good Condition - BD Construction installed the bale check prior to the 3/21/16 inspection.				
CW	Concrete Washout	On Site	4/11/2016	Pending	Yes
<b>Current Condition:</b>	Pending A concrete washout needs to be installed. BD Construction was informed to complete by 4/11/16. Not done as of last inspection. BD Construction was reminded on 4/2/16, 4/23/16, 5/27/16, 7/20/16, 9/20/16.				
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 The wattle is not needed anymore and needs to be removed. BD Construction was informed to complete by 4/27/16. Not done as of last inspection. BD Construction was reminded on 5/27/16, 7/20/16, 9/20/16.
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**Inspector Signature:** 

**Reviewed By:** 