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DATE: Apr 28, 2019 11:54am
XREFS: 60545394-V-SP01 60545394-V-TPO1

USER: rich.tietgens
60545394-C-SP01 - rev S02

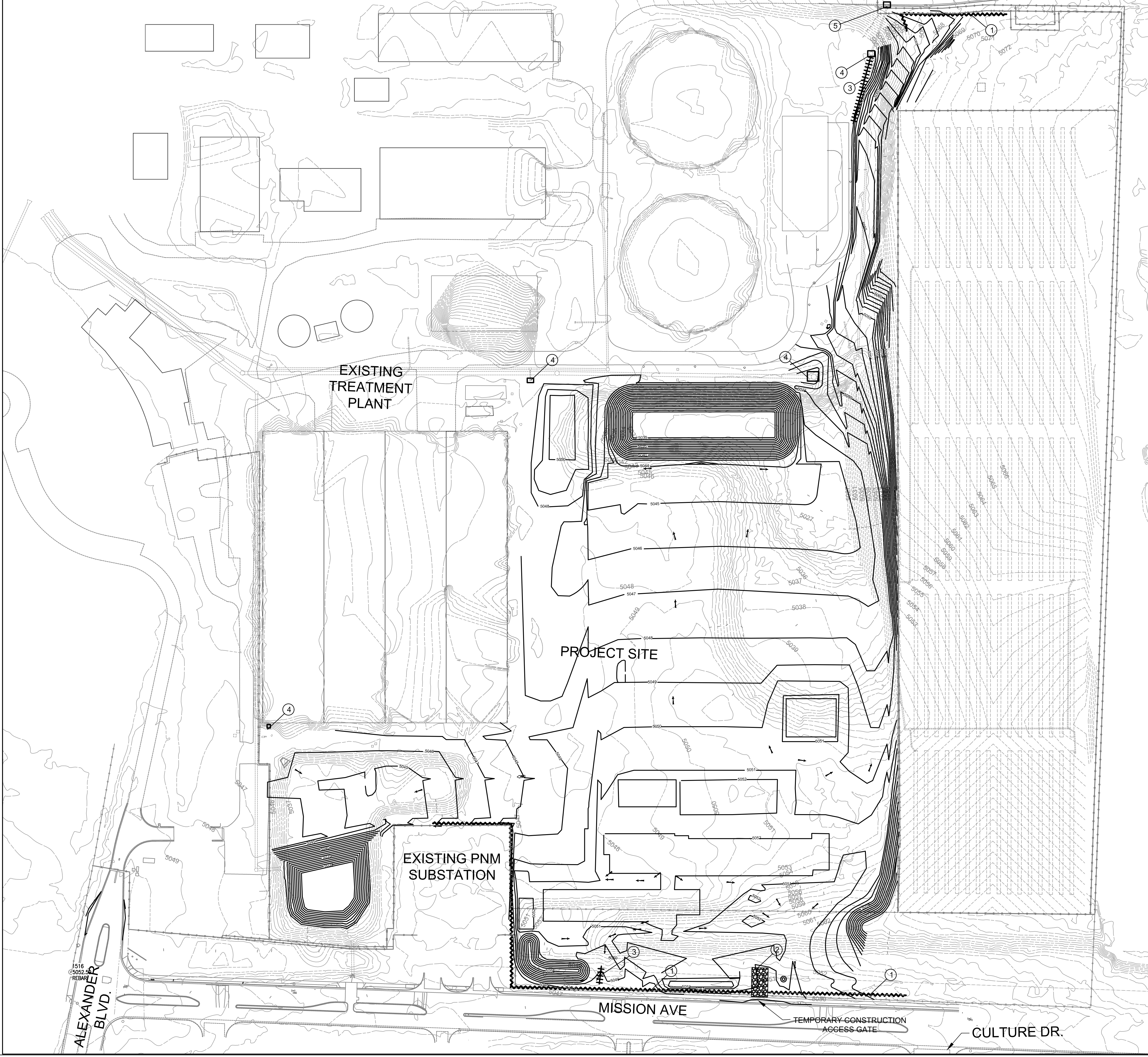
IMAGES: ABRWUA WTP UAV Image Oct 2018.ecw
60545394-C-SP01 - STEWORK

60545394-C-SP01 - rev S02

60545394-C-SP01 - rev S02

60545394-C-SP01 - rev S02

60545394-C-SP01 - rev S02



GENERAL NOTES

1. AT ALL TIMES DURING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PREVENTING AND CONTROLLING ON-SITE EROSION DUE TO WIND AND RUNOFF, AS WELL AS VEHICLE TRACKING. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR INSTALLING AND MAINTAINING ALL EROSION CONTROL FACILITIES SHOWN ON THESE PLANS.
2. ALL PERIMETER EROSION CONTROL MEASURES SHALL BE INSTALLED AND FUNCTIONAL, PRIOR TO ANY OTHER EARTH-DISTURBING ACTIVITY. ALL OTHER STRUCTURAL EROSION CONTROL MEASURES SHALL BE IMPLEMENTED AS SOON AS THE FACILITIES, AROUND WHICH THEY ARE BASED, BECOME OPERATIONAL.
3. ANY EROSION CONTROL FACILITY DAMAGED OR DESTROYED PREMATURELY, BY ANY MEANS, SHALL BE IMMEDIATELY REPAIRED BY THE CONTRACTOR.
4. THERE SHALL BE NO EARTH-DISTURBING ACTIVITY OUTSIDE THE LIMITS DESIGNATED ON THESE PLANS WITHOUT C.O. APPROVAL.
5. TOPSOIL SHALL BE REMOVED AND STOCKPILED PRIOR TO GRADING OPERATIONS.
6. A WATER TRUCK SHALL BE KEPT AVAILABLE AT ALL TIMES DURING EARTHWORK ACTIVITIES FOR DUST ABATEMENT.
7. CONDITIONS IN THE FIELD MAY WARRANT EROSION CONTROL MEASURES IN ADDITION TO WHAT IS SHOWN ON THESE PLANS. THE CONTRACTOR SHALL IMPLEMENT WHATEVER MEASURES ARE DETERMINED NECESSARY, AS DIRECTED BY THE C.O.
8. SILT AND SEDIMENT SHALL BE REMOVED AFTER EACH SUBSTANTIAL RAINFALL WHICH CAUSES AN ACCUMULATION OF SEDIMENT.
9. TEMPORARY EROSION CONTROL MEASURES SHALL NOT BE REMOVED UNTIL SUCH TIME AS ALL TRIBUTARY-DISTURBED AREAS ARE SUFFICIENTLY STABILIZED IN THE OPINION OF THE C.O., TO MINIMIZE EROSION POTENTIAL.
10. WHEN TEMPORARY EROSION CONTROL MEASURES ARE REMOVED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CLEAN-UP AND REMOVAL OF ALL SEDIMENT AND DEBRIS FROM ALL DRAINAGE AND OTHER PUBLIC FACILITIES.
11. INLET PROTECTION SHALL BE PLACED ON ALL EXISTING STORM WATER INLETS WHICH RECEIVE CONSTRUCTION SITE RUNOFF.

LEGEND

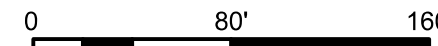
- SILT FENCE
- AREA INLET PROTECTION
- SEDIMENT CONTROL LOG
- VEHICLE TRACKING CONTROL
- DIRECTION OF FLOW
- EXISTING CONTOUR
- NEW CONTOUR

KEYNOTES

1. SILT FENCE
2. VEHICLE TRACKING CONTROL
3. SEDIMENT CONTROL LOG
4. AREA INLET PROTECTION
5. STREET INLET PROTECTION



Scale 1"= 80'



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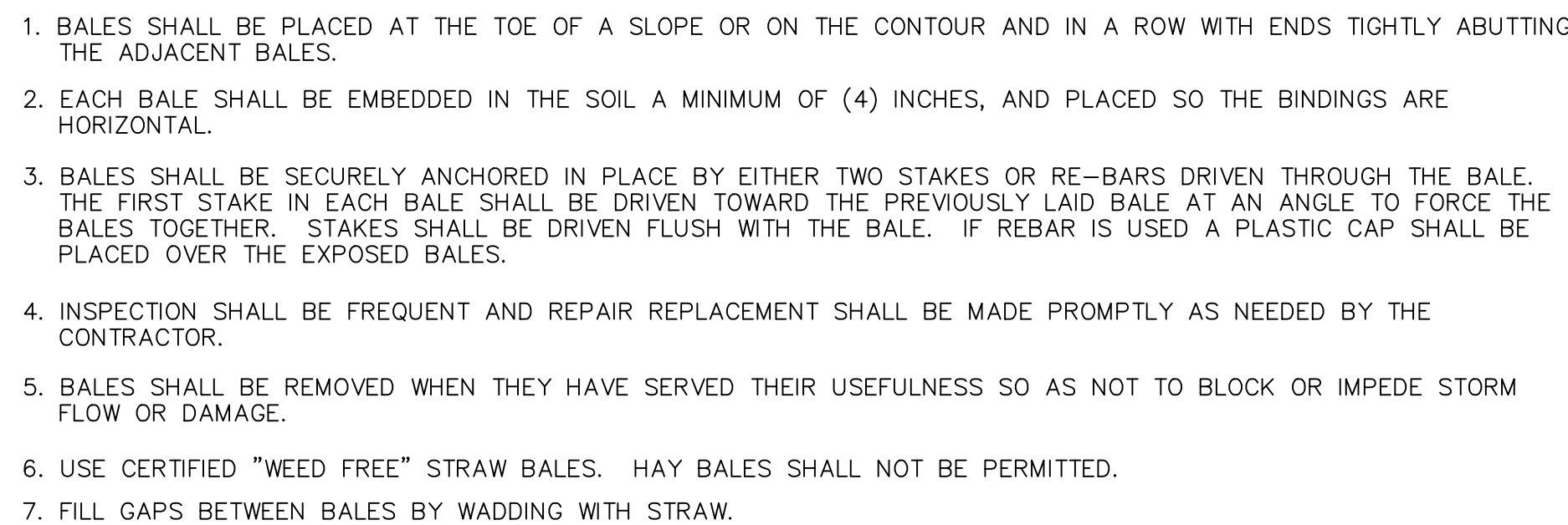
ALBUQUERQUE BERNALILLO COUNTY WATER UTILITY AUTHORITY CUSTOMER SERVICE AND OPERATIONS FACILITIES SITEWORK

6000 Alexander Blvd NE, Albuquerque, NM 87107

NO	DATE	DESCRIPTION
DATE:	3/15/19	
PROJECT #:	18018	
DRAWN BY:	DRW	
CH'D BY:	RT	
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SHEET TITLE		

EROSION
CONTROL
PLAN

C-002
SHEET OF



CONSTRUCTION SITE ACCESS

STAGING AREA FOR PARKING, STORAGE, LOADING AND UNLOADING STABILIZED WITH 3" MIN. GRANULAR MATERIAL (GRAVEL)

VTC AT CONSTRUCTION ENTRANCE
SEE VTC DETAIL

PAVED AREA

PLAN

1. SEE PLAN VIEW FOR GENERAL LOCATION OF STAGING AREA. CONTRACTOR MAY MODIFY LOCATION AND SIZE OF STABILIZED STAGING AREA WITH APPROVAL FROM THE OWNER.
2. STABILIZED STAGING AREA SHALL BE LARGE ENOUGH TO FULLY CONTAIN PARKING, STORAGE, AND UNLOADING AND LOADING OPERATIONS.
3. IF REQUIRED BY THE OWNER, SITE ACCESS ROADS SHALL BE STABILIZED IN THE SAME MANNER AS THE STAGING AREA.
4. STAGING AREA SHALL BE STABILIZED PRIOR TO ANY OTHER OPERATIONS ON THE SITE.

1. THE CONTRACTOR SHALL INSPECT THE STABILIZED STAGING AREA WEEKLY, DURING AND AFTER ANY STORM EVENT AND MAKE REPAIRS OR CLEAN OUT UPSTREAM SEDIMENT AS NECESSARY.
2. CONTRACTOR SHALL PROVIDE ADDITIONAL THICKNESS OF GRANULAR MATERIAL IF ANY RUTTING OCCURS OR UNDERLYING SUBGRADE BECOMES EXPOSED.
3. STABILIZED STAGING AREA SHALL BE ENLARGED IF NECESSARY TO CONTAIN PARKING, STORAGE, AND UNLOADING AND LOADING OPERATIONS.
4. ANY ACCUMULATED DIRT OR MUD SHALL BE REMOVED FROM THE SURFACE OF THE STABILIZED STAGING AREA.
5. THE STABILIZED STAGING AREA SHALL BE REMOVED AT THE END OF CONSTRUCTION. THE GRANULAR MATERIAL SHALL BE REMOVED OR, IF APPROVED BY THE OWNER, USED ON SITE.

The diagram illustrates a street inlet protection system. The top portion is a cross-sectional view showing runoff water flowing from a hard surface into a concrete gutter. The gutter is filled with a gravel filter, which is topped with a wire mesh. The mesh is 12 inches high and 12 inches wide. The water is filtered and then flows into a curb inlet. The bottom portion is a plan view showing the layout of the gravel filter. It is a rectangular area with a minimum length of 50 feet and a minimum width of 6 feet. The filter consists of a 1 1/2 inch to 3 inch rock layer and a 1/2 inch to 3/4 inch filter layer. The area is labeled 'As Required'.

Cross-Section Labels:

- GRAVEL FILTER
- WIRE MESH
- 12"
- 12"
- CONCRETE GUTTER
- CURB INLET
- SEDIMENT
- RUNOFF WATER
- FILTERED WATER

Plan View Labels:

- HARD SURFACE
- 50' MINIMUM
- 6" MINIMUM
- 1 1/2" - 3" ROCK
- 1/2" - 3/4" FILTER LAYER
- As Required

STREET INLET PROTECTION

1. SET POSTS MAX. 10' O.C. AND EXCAVATE A 4"x4" TRENCH UPSLOPE ALONG THE LINE OF POST. POST TO BE MINIMUM 2"x2" STAKE OR METAL ROD.
2. STAPLE WIRE FENCING TO THE POSTS.
3. ATTACH THE FILTER FABRIC TO THE WIRE FENCE AND EXTEND IT INTO THE TRENCH A MINIMUM OF 6".
4. BACKFILL AND COMPACT THE EXCAVATED SOIL.

1. SEE PLAN VIEW FOR LOCATION OF SEDIMENT CONTROL LOGS.
2. SEDIMENT CONTROL LOGS INDICATED ON THE INITIAL EROSION CONTROL PLAN SHALL BE INSTALLED PRIOR TO ANY LAND DISTURBING ACTIVITIES OR IN CONSTRUCTED SWALES.
3. SEDIMENT CONTROL LOGS SHALL CONSIST OF STRAW, COMPOST, EXCELSIOR OR COCONUT FIBER.
4. THE SEDIMENT CONTROL LOG SHALL BE TRENCHED INTO THE GROUND A MIN. OF 2".

1. THE CONTRACTOR SHALL INSPECT SEDIMENT CONTROL LOGS DAILY, DURING AND AFTER ANY STORM EVENT AND MAKE REPAIRS OR CLEANOUT UPSTREAM SEDIMENT AS NECESSARY.
2. SEDIMENT ACCUMULATED UPSTREAM OF THE SEDIMENT CONTROL LOGS SHALL BE REMOVED WHEN THE UPSTREAM SEDIMENT DEPTH IS $\frac{1}{2}$ THE HEIGHT OF THE LOG.
3. SEDIMENT CONTROL LOGS SHALL BE REMOVED AT THE END OF CONSTRUCTION. IF ANY DISTURBED AREA EXISTS AFTER REMOVAL IT SHALL BE COVERED WITH TOP SOIL, DRILL SEEDED OR CRIMP MULCHED OR OTHERWISE STABILIZED IN A MATTER APPROVED BY THE C.O. OR BASE

The drawing consists of two parts: a Plan View and a Section A-A.

PLAN VIEW: This view shows the top-down layout of the waste containment pad. It features a central rectangular area labeled "8'x8' MIN.". This central area is surrounded by a berm with a width of "2'-0\" MIN.". The berm is sloped at "3:1" on all four sides. A "SIGN" is indicated at the top right corner of the berm. The entire structure is labeled "BERM" at the top and bottom. A note on the right side of the plan view states: "SEE VEHICLE TRACKING CONTROL DETAIL FOR DESIGN OF PAD".

SECTION A-A: This cross-section view shows the vertical profile of the waste containment pad. It illustrates the "BERM AROUND PERIMETER" with a height of "12\"". The central area is labeled "8'x8' MIN." and is described as "OR AS REQUIRED TO CONTAIN WASTE CONCRETE". The slopes of the berm are indicated as "3:1 OR FLATTER SIDE SLOPES". The ground surface is shown on the right side of the section. A note on the left side of the section states: "COMPACTED EMBANKMENT MATERIAL, TYP.". A dimension of "2'-0\" MIN." is shown for the width of the central area, and a dimension of "12\" MIN." is shown for the width of the berm at the base.

1. SEE PLAN VIEW FOR LOCATION OF CONCRETE WASHOUT AREA.
2. THE CONCRETE WASHOUT AREA SHALL BE INSTALLED PRIOR TO ANY CONCRETE PLACEMENT ON SITE.
3. VEHICLE TRACKING CONTROL IS REQUIRED AT THE ACCESS POINT.
4. SIGNS SHALL BE PLACED AT THE CONSTRUCTION ENTRANCE, AT THE WASHOUT AREA, AND ELSEWHERE AS NECESSARY TO CLEARLY INDICATE THE LOCATION OF THE WASHOUT AREA TO TRUCK AND RIG OPERATORS.
5. EXCAVATION MATERIALS SHALL BE UTILIZED IN PERIMETER BERM CONSTRUCTION.

1. THE CONCRETE WASHOUT AREA SHALL BE REPAIRED AND ENLARGED OR CLEANED OUT AS NECESSARY TO MAINTAIN CAPACITY FOR WASTED CONCRETE.
2. AT THE END OF CONSTRUCTION, ALL CONCRETE SHALL BE REMOVED FROM THE SITE AND DISPOSED OF AT AN APPROVED WASTE SITE.
3. WHEN THE CONCRETE WASHOUT AREA IS REMOVED, COVER THE DISTURBED AREA WITH TOP SOIL, DRILL SEED AND CRIMP MULCH OR OTHERWISE STABILIZE IN A MANNER APPROVED BY THE C.O. OR BASE
4. INSPECT WASHOUTS WEEKLY, DURING AND AFTER ANY STORM EVENT.



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SHEET TITLE		

EROSION CONTROL DETAILS

C-003