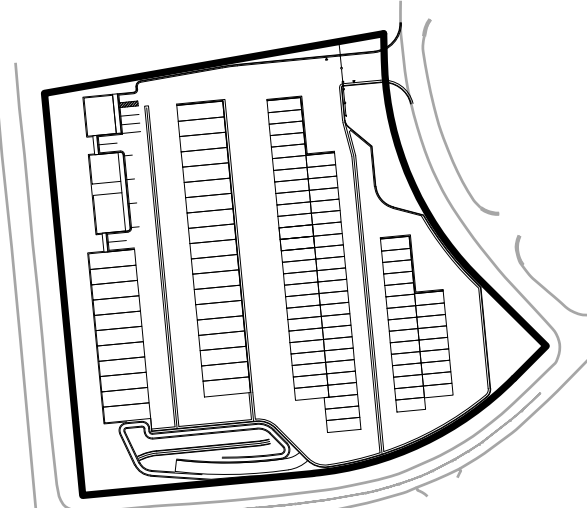


Applicant must obtain permission from the adjacent property for off-site grading and for the permanent riprap (permanent easement) located on the adjacent property.
Upload a written document with the adjacent properties approval. GEC plans will not be approved as designed without approval from the adjacent owner.

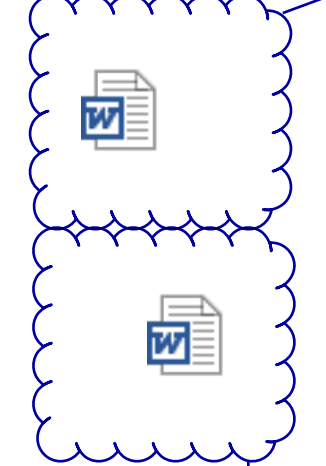
BMP SUMMARY TABLE

	SILT FENCE	STABILIZED STAGING AREA	CONCRETE WASHOUT AREA	VEHICLE TRACKING CONTROL WITH WHEEL WASH	INLET PROTECTION	SEEDING AND MULCHING
QUANTITY	675 LF	260 SY	1 EA	1 EA	5	0.6 AC
INSTALLATION	AFTER DEMOLITION / PRIOR TO GRADING	IMMEDIATELY AFTER SITE GRADING	IMMEDIATELY AFTER SITE GRADING	IMMEDIATELY AFTER SITE GRADING	IMMEDIATELY AFTER STORM SEWER CONSTRUCTION	IMMEDIATELY AFTER SITE GRADING
REMOVAL	AFTER FINAL STABILIZATION	AT THE TIME OF SITE PAVING	AFTER COMPLETION OF SITE CONCRETE CONSTRUCTION	AT THE TIME OF SITE PAVING	AFTER FINAL STABILIZATION	PERMANENT

Include Temp Sediment Pond



Signature Block



GEC notes

EROSION CONTROL LABELS:

- CONCRETE WASH AREA
- SILT FENCE
- INLET PROTECTION
- VEHICLE TRACKING PAD
- STABILIZED STAGING
- SEEDING AND MULCHING
- LIMITS OF DISTURBANCE

- PROPOSED CONTOURS ——— 4925
- EXISTING CONTOURS - - - - - 4925
- PROPOSED STORM DRAIN PIPE ———
- PROPOSED STORM END SECTION ———

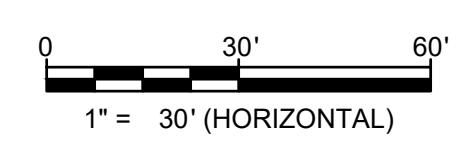
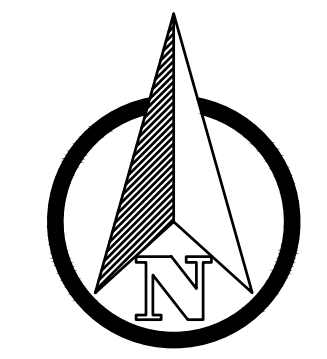
Missing

NOTES:

- SEE DT1-DT2 FOR EROSION CONTROL DETAILS.
- A VTC SHALL BE CONSTRUCTED AT ALL AREAS WHERE CONSTRUCTION TRAFFIC IS MOVING FROM PERVIOUS TO IMPERVIOUS AREAS.
- SLOPES GREATER THAN OR EQUAL TO 4:1 SHALL BE SURFACE ROUGHENED FOR INTERIM STABILIZATION UNTIL SUFFICIENT GROWTH IS IN PLACE TO DETER EROSION.
- THE WATER QUALITY BASIN WILL ACT AS A SEDIMENT BASIN UNTIL THE SITE HAS REACHED FINAL STABILIZATION.
- THE CONTRACTOR SHALL PROTECT NATURAL VEGETATION TO THE MAXIMUM EXTENT PRACTICABLE.
- ALL DISTURBED AREAS WILL BE SEEDED AND MULCHED. SLOPES 4:1 AND STEEPER WILL BE SEEDED AND CRIMPED MULCHED.

DATE	DESCRIPTION

CONSTRUCTION DOCUMENTS
MONUMENT STEEL STRUCTURES
 GRADING AND EROSION CONTROL PLAN
 18910 BASE CAMP ROAD
 MONUMENT, COLORADO



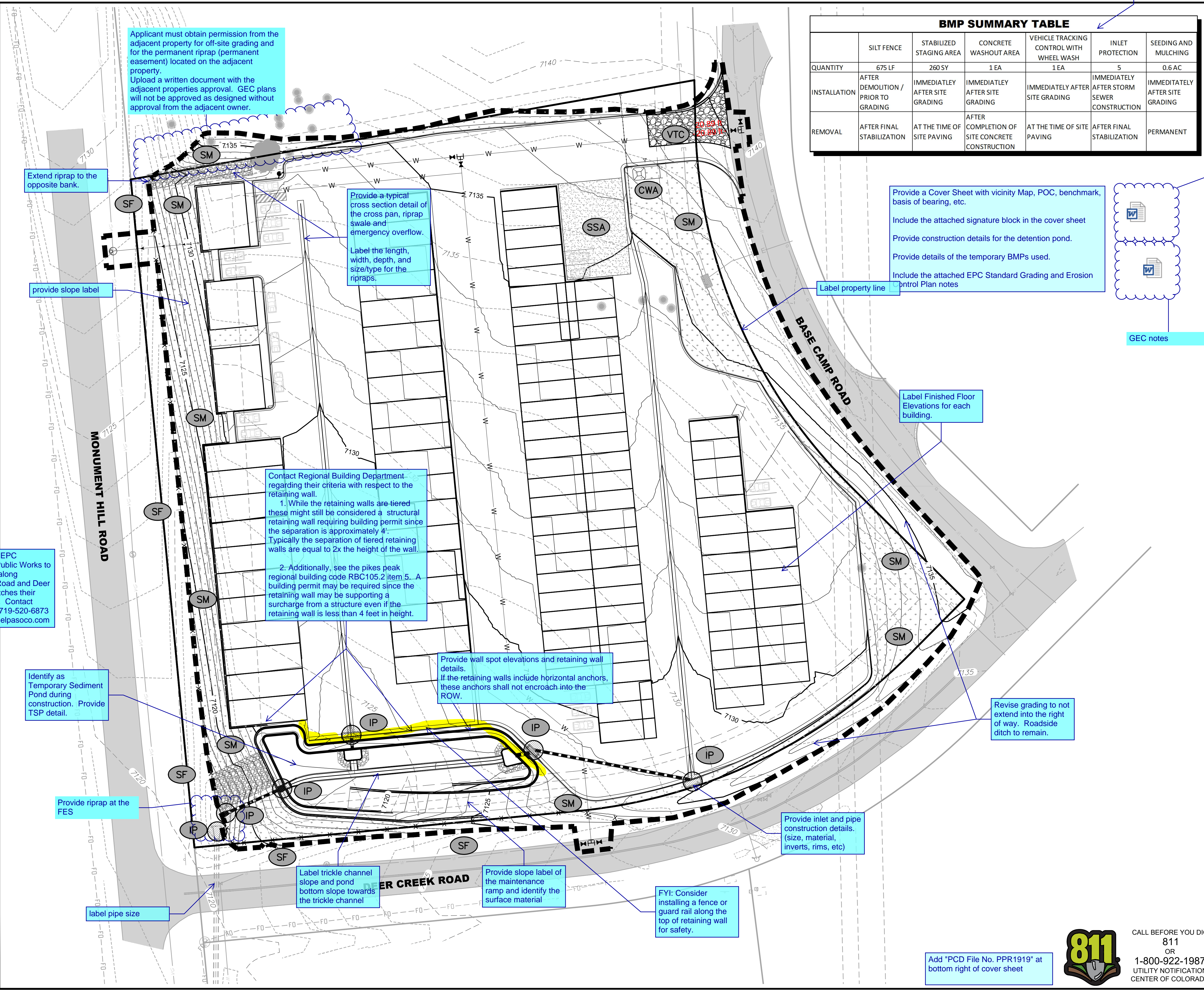
PROJ NO: SSA
 ENG:
 CHKD:
 DATE: 04/10/2019

SHEET NUMBER
EC
 5 OF #



CALL BEFORE YOU DIG
 811
 OR
 1-800-922-1987
 UTILITY NOTIFICATION
 CENTER OF COLORADO

Add "PCD File No. PPR1919" at bottom right of cover sheet



Extend riprap to the opposite bank.

provide slope label

Provide a typical cross section detail of the cross pan, riprap swale and emergency overflow.
Label the length, width, depth, and size/type for the ripraps.

Provide a Cover Sheet with vicinity Map, POC, benchmark, basis of bearing, etc.
Include the attached signature block in the cover sheet
Provide construction details for the detention pond.
Provide details of the temporary BMPs used.
Include the attached EPC Standard Grading and Erosion Control Plan notes

Label property line

Label Finished Floor Elevations for each building.

Contact Regional Building Department regarding their criteria with respect to the retaining wall.
1. While the retaining walls are tiered these might still be considered a structural retaining wall requiring building permit since the separation is approximately 4'. Typically the separation of tiered retaining walls are equal to 2x the height of the wall.
2. Additionally, see the pikes peak regional building code RBC105.2 item 5. A building permit may be required since the retaining wall may be supporting a surcharge from a structure even if the retaining wall is less than 4 feet in height.

Provide wall spot elevations and retaining wall details.
If the retaining walls include horizontal anchors, these anchors shall not encroach into the ROW.

Revise grading to not extend into the right of way. Roadside ditch to remain.

Coordinate with EPC Department of Public Works to ensure grading along Monument Hill Road and Deer Creek Road matches their roadway design. Contact Alissa Werre at 719-520-6873 or alissawerre@elpasoco.com

Identify as Temporary Sediment Pond during construction. Provide TSP detail.

Provide riprap at the FES

label pipe size

Label trickle channel slope and pond bottom slope towards the trickle channel

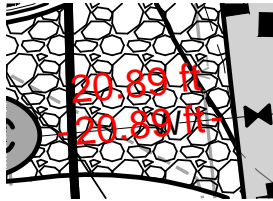
Provide slope label of the maintenance ramp and identify the surface material

FYI: Consider installing a fence or guard rail along the top of retaining wall for safety.

Provide inlet and pipe construction details. (size, material, inverts, rims, etc)

GEC_v1-redline.pdf Markup Summary

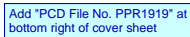
20.89 ft (1)



Subject: Polylength Measurement
Page Label: 1
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Author: dsdlaforce
Date: 5/20/2019 7:33:35 AM
Status:
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Layer:
Space:

20.89 ft

Add "PCD File No. PPR1919" at bottom right of cover sheet (1)

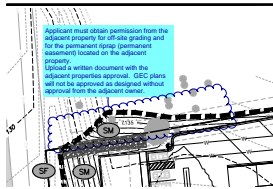


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Add "PCD File No. PPR1919" at bottom right of cover sheet

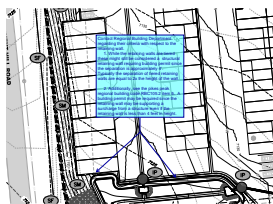
Applicant must obtain permission from the adjacent property for off-site grading and for the permanent riprap (permanent easement)



Subject: Cloud+
Page Label: 1
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Author: dsdlaforce
Date: 5/20/2019 4:57:16 PM
Status:
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Layer:
Space:

Applicant must obtain permission from the adjacent property for off-site grading and for the permanent riprap (permanent easement) located on the adjacent property.
Upload a written document with the adjacent properties approval. GEC plans will not be approved as designed without approval from the adjacent owner.

Contact Regional Building Department regarding their criteria with respect to the retaining wall. 1. While the retaining walls are



Subject: Callout
Page Label: 1
Lock: Unlocked
Author: dsdlaforce
Date: 5/20/2019 1:38:15 PM
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Layer:
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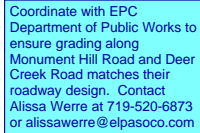
Contact Regional Building Department regarding their criteria with respect to the retaining wall.

1. While the retaining walls are tiered these might still be considered a structural retaining wall requiring building permit since the separation is approximately 4'.

Typically the separation of tiered retaining walls are equal to 2x the height of the wall.

2. Additionally, see the pikes peak regional building code RBC105.2 item 5. A building permit may be required since the retaining wall may be supporting a surcharge from a structure even if the retaining wall is less than 4 feet in height.

Coordinate with EPC Department of Public Works to ensure grading along Monument Hill Road and Deer Creek Road matches the

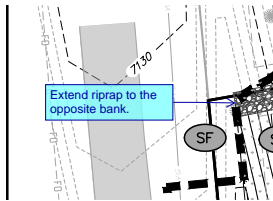


Coordinate with EPC
Department of Public Works to
ensure grading along
Monument Hill Road and Deer
Creek Road matches their
roadway design. Contact
Alissa Werre at 719-520-6873
or alissawerre@elpasoco.com

Subject: Text Box
Page Label: 1
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Author: dsdlaforce
Date: 5/20/2019 9:00:23 AM
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Coordinate with EPC Department of
Public Works to ensure grading along
Monument Hill Road and Deer Creek
Road matches their roadway design.
Contact Alissa Werre at 719-520-6873 or
alissawerre@elpasoco.com

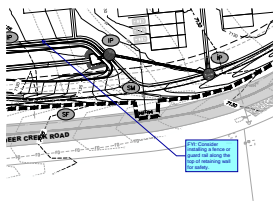
Extend riprap to the opposite bank. (1)



Subject: Callout
Page Label: 1
Lock: Unlocked
Author: dsdlaforce
Date: 5/20/2019 7:45:31 AM
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Extend riprap to the opposite bank.

FYI: Consider installing a fence or guard rail along the top of retaining wall for safety. (1)



Subject: Callout
Page Label: 1
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Author: dsdlaforce
Date: 5/20/2019 1:43:28 PM
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FYI: Consider installing a fence or guard
rail along the top of retaining wall for
safety.

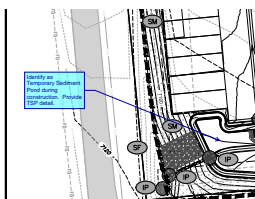
GEC notes (1)



Subject: Cloud+
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Date: 5/16/2019 5:30:43 PM
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GEC notes

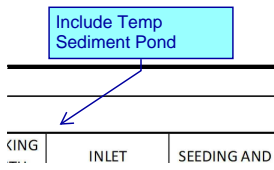
Identify as Temporary Sediment Pond during construction. Provide TSP detail. (1)



Subject: Callout
Page Label: 1
Lock: Unlocked
Author: dsdlaforce
Date: 5/20/2019 8:53:43 AM
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Layer:
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Identify as Temporary Sediment Pond
during construction. Provide TSP detail.

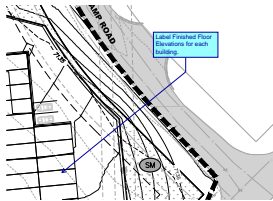
Include Temp Sediment Pond (1)



Subject: Callout
Page Label: 1
Lock: Unlocked
Author: dsdlaforce
Date: 5/20/2019 8:57:02 AM
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Color: ■
Layer:
Space:

Include Temp Sediment Pond

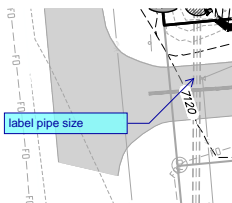
Label Finished Floor Elevations for each building. (1)



Subject: Callout
Page Label: 1
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Label Finished Floor Elevations for each building.

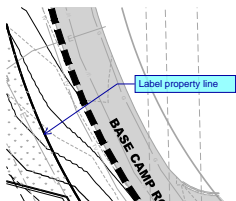
label pipe size (1)



Subject: Callout
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Author: dsdlaforce
Date: 5/20/2019 9:02:10 AM
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Space:

label pipe size

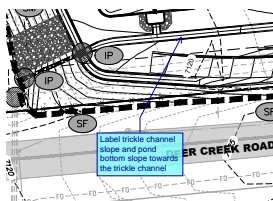
Label property line (1)



Subject: Callout
Page Label: 1
Lock: Unlocked
Author: dsdlaforce
Date: 5/20/2019 8:51:01 AM
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Label property line

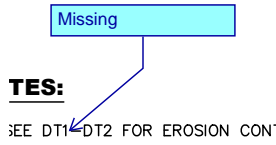
Label trickle channel slope and pond bottom slope towards the trickle channel (1)



Subject: Callout
Page Label: 1
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Author: dsdlaforce
Date: 5/20/2019 7:40:31 AM
Status:
Color: ■
Layer:
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Label trickle channel slope and pond bottom slope towards the trickle channel

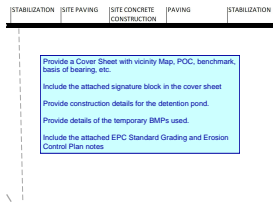
Missing (1)



Subject: Callout
Page Label: 1
Lock: Unlocked
Author: dsdlaforce
Date: 5/20/2019 8:57:26 AM
Status:
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Layer:
Space:

Missing

Provide a Cover Sheet with vicinity Map, POC, benchmark, basis of bearing, etc. Include the attached signature block in the cover



Subject: Text Box
Page Label: 1
Lock: Unlocked
Author: dsdlaforce
Date: 5/20/2019 5:17:28 PM
Status:
Color: ■
Layer:
Space:

Provide a Cover Sheet with vicinity Map, POC, benchmark, basis of bearing, etc.

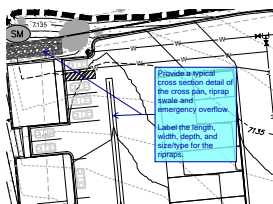
Include the attached signature block in the cover sheet

Provide construction details for the detention pond.

Provide details of the temporary BMPs used.

Include the attached EPC Standard Grading and Erosion Control Plan notes

Provide a typical cross section detail of the cross pan, riprap swale and emergency overflow. Label the length, width, depth, and s

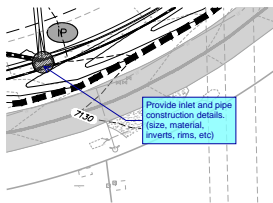


Subject: Callout
Page Label: 1
Lock: Unlocked
Author: dsdlaforce
Date: 5/20/2019 1:50:48 PM
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Space:

Provide a typical cross section detail of the cross pan, riprap swale and emergency overflow.

Label the length, width, depth, and size/type for the ripraps.

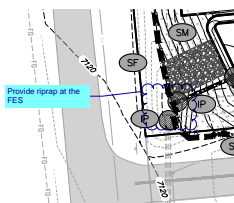
Provide inlet and pipe construction details. (size, material, inverts, rims, etc) (1)



Subject: Callout
Page Label: 1
Lock: Unlocked
Author: dsdlaforce
Date: 5/20/2019 7:41:39 AM
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Provide inlet and pipe construction details. (size, material, inverts, rims, etc)

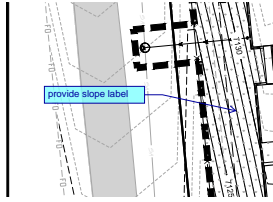
Provide riprap at the FES (1)



Subject: Cloud+
Page Label: 1
Lock: Unlocked
Author: dsdlaforce
Date: 5/20/2019 7:37:50 AM
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Color: ■
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Provide riprap at the FES

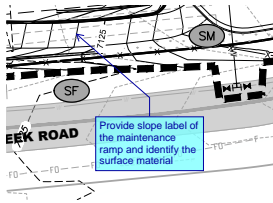
provide slope label (1)



Subject: Callout
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Date: 5/20/2019 7:36:30 AM
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provide slope label

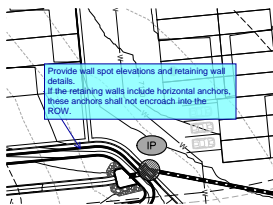
Provide slope label of the maintenance ramp and identify the surface material (1)



Subject: Callout
Page Label: 1
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Author: dsdlaforce
Date: 5/20/2019 7:39:26 AM
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Provide slope label of the maintenance ramp and identify the surface material

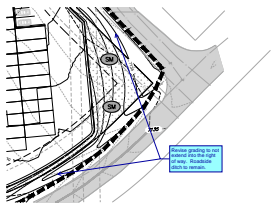
Provide wall spot elevations and retaining wall details. If the retaining walls include horizontal anchors, these anchors shall not encroach into the ROW.



Subject: Callout
Page Label: 1
Lock: Unlocked
Author: dsdlaforce
Date: 5/20/2019 9:31:11 AM
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Provide wall spot elevations and retaining wall details.
If the retaining walls include horizontal anchors, these anchors shall not encroach into the ROW.

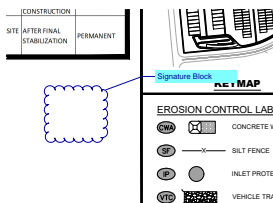
Revise grading to not extend into the right of way. Roadside ditch to remain. (1)



Subject: Callout
Page Label: 1
Lock: Unlocked
Author: dsdlaforce
Date: 5/20/2019 8:47:46 AM
Status:
Color: ■
Layer:
Space:

Revise grading to not extend into the right of way. Roadside ditch to remain.

Signature Block (1)



Subject: Cloud+
Page Label: 1
Lock: Unlocked
Author: dsdlaforce
Date: 5/16/2019 5:23:25 PM
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Color: ■
Layer:
Space:

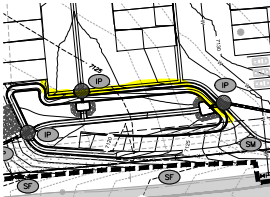
Signature Block



Subject: File Attachment
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Lock: Unlocked
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Layer:
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Subject: File Attachment
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Author: dsdlaforce
Date: 5/16/2019 5:24:51 PM
Status:
Color: ■
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Space:



Subject: Highlight
Page Label: 1
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Author: dsdlaforce
Date: 5/20/2019 1:43:22 PM
Status:
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Space: