

ENG-SF23007-R1-CDs-GEC.pdf Markup Summary

1 (31)

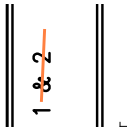


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Page Index: 1
Date: 4/18/2023 2:52:23 PM
Author: Mikayla Hartford
Color: ■
Layer:
Space:
Page Label: [1] COVER 1

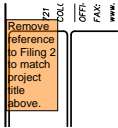
SF237

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Page Index: 1
Date: 4/18/2023 2:52:41 PM
Author: Mikayla Hartford
Color: ■
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Page Label: [1] COVER 1

SF237



Subject: Line
Page Index: 1
Date: 4/18/2023 3:13:25 PM
Author: Mikayla Hartford
Color: ■
Layer:
Space:
Page Label: [1] COVER 1



Subject: SW - Textbox
Page Index: 1
Date: 4/18/2023 3:13:49 PM
Author: Mikayla Hartford
Color: ■
Layer:
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Page Label: [1] COVER 1

Remove reference to Filing 2 to match project title above.



Subject: Stamp - Stormwater Comment Legend
Page Index: 1
Date: 4/18/2023 3:14:06 PM
Author: Mikayla Hartford
Color: ■
Layer:
Space:
Page Label: [1] COVER 1



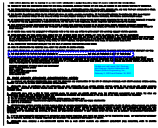
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Page Index: 1
Date: 4/18/2023 5:00:32 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
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Page Label: [1] COVER 1

"COUNTY"



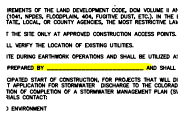
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Page Index: 1
Date: 4/19/2023 11:33:06 AM
Author: Mikayla Hartford
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Page Label: [1] COVER 1

Since the project is changing to Filing 1 and combining all work into one filing, remove mentions to Filing 2 throughout.

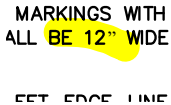


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Page Index: 1
Date: 4/20/2023 8:54:05 AM
Author: eschoenheit
Color: ■
Layer:
Space:
Page Label: [1] COVER 1

Update and add report Soil, Geology, and Geologic Hazard Addendum and Report (Entech Engineering, Inc., February 2, 2022 and October 18, 2021



Subject: Highlight
Page Index: 1
Date: 4/20/2023 8:54:10 AM
Author: eschoenheit
Color: ■
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Page Label: [1] COVER 1



Subject: Highlight
Page Index: 1
Date: 4/20/2023 8:57:25 AM
Author: eschoenheit
Color: ■
Layer:
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Page Label: [1] COVER 1



Subject: Highlight
Page Index: 1
Date: 4/20/2023 8:57:43 AM
Author: eschoenheit
Color: ■
Layer:
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Page Label: [1] COVER 1



Subject: Pen
Page Index: 1
Date: 4/20/2023 9:01:35 AM
Author: eschoenheit
Color: ■
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Page Label: [1] COVER 1

BE 12''
2

Subject: Pen
Page Index: 1
Date: 4/20/2023 9:01:47 AM
Author: eschoenheit
Color: ■
Layer:
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Page Label: [1] COVER 1

2

BE 12'' WIL
4''

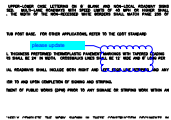
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Page Index: 1
Date: 4/20/2023 9:01:52 AM
Author: eschoenheit
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AND 8' LONC
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Subject: Pen
Page Index: 1
Date: 4/20/2023 9:02:02 AM
Author: eschoenheit
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9.



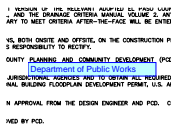
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Author: eschoenheit
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Page Label: [1] COVER 1

please update



Subject: Callout
Page Index: 1
Date: 4/28/2023 8:48:43 AM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
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Page Label: [1] COVER 1

change PCD to DPW



Subject: Text Box
Page Index: 1
Date: 4/28/2023 8:47:22 AM
Author: Jeff Rice - EPC Engineering Review
Color: ■
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Page Label: [1] COVER 1

Department of Public Works

IN PLANS AND SPECIFICATIONS, UNLESS OTHERWISE SPECIFIED, ALL MATERIALS AND CONSTRUCTION SHALL BE AS SHOWN AND SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER. THE ENGINEER SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE PROJECT. THE ENGINEER SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE PROJECT. THE ENGINEER SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE PROJECT.

Subject:
Page Index: 1
Date: 4/28/2023 8:47:36 AM
Author: Jeff Rice - EPC Engineering Review
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Page Label: [1] COVER 1

ND PCD. C

Subject:
Page Index: 1
Date: 4/28/2023 8:47:39 AM
Author: Jeff Rice - EPC Engineering Review
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Page Label: [1] COVER 1

ITY PCD PF

Subject:
Page Index: 1
Date: 4/28/2023 8:47:42 AM
Author: Jeff Rice - EPC Engineering Review
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Page Label: [1] COVER 1

WORK DEPAI
NTY PWD, IN

Subject:
Page Index: 1
Date: 4/28/2023 8:47:57 AM
Author: Jeff Rice - EPC Engineering Review
Color:
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Page Label: [1] COVER 1

PROVIDED AT ALL INTERSECTIONS, OBSTRUCTIONS GREATER THAN 6 INCH DEPARTMENT AND NOTED OTHERWISE. DAILY FILE, INCLUDING WORK WITH THE RIGHT-OF-WAY AND SPEC Y LINE, SHALL BE DETERMINED BY THE OWNER/DEVELOPER AND SHALL BE DETERMINED BEFORE OR DURING CONSTRUCTION.

Subject: Callout
Page Index: 1
Date: 4/28/2023 8:48:10 AM
Author: Jeff Rice - EPC Engineering Review
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Page Label: [1] COVER 1

DPW

BY PCD.
FSION SHAI

Subject:
Page Index: 1
Date: 4/28/2023 8:48:26 AM
Author: Jeff Rice - EPC Engineering Review
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Page Label: [1] COVER 1

ROUNDABOUT
SAYBROOK & I
STAPELTON RO
STAPELTON RO
STAPELTON RO
STAPELTON RO
STORM SEWER
STORM SEWER

Subject:
Page Index: 1
Date: 4/28/2023 3:09:57 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
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Page Label: [1] COVER 1

WAT
FILE

Subject:
Page Index: 1
Date: 4/28/2023 3:10:17 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
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Page Label: [1] COVER 1

719) 447-8773
ENGINEERING, INC.
NINETEEN
NINETEEN
COLORADO 80904
P.E., (719) 635-6422 DPW
UNITY DEVELOPMENT SERVICES
CIRCLER
COLORADO 80910
(719) 525-6300
METROPOLITAN 6250

Subject: Callout
Page Index: 1
Date: 4/28/2023 3:11:09 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [1] COVER 1

DPW

ENGINEERING, INC.
STREET
SPRINGS, COLORADO 80904
M.D., P.E., (719) 635-6422
UNITY DEVELOPMENT SERVICES
NATIONAL CIRCLE
SPRINGS, COLORADO 80910
E. (719) 525-6300
METROPOLITAN 6250
JK

Subject:
Page Index: 1
Date: 4/28/2023 3:11:33 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
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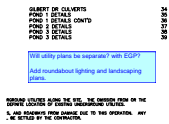
JTAN 625

Subject:
Page Index: 1
Date: 4/28/2023 3:11:49 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [1] COVER 1

FOUNTAIN
GEORGE
ELECTRIC DEPARTMENT
MOUNT
11140
FALCON
DARYL
STATIC
7030
REYTO
(719)
Falcon Fire

Subject: Callout
Page Index: 1
Date: 4/28/2023 3:12:16 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [1] COVER 1

Falcon Fire



Subject: Text Box
Page Index: 1
Date: 4/28/2023 4:23:51 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
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Page Label: [1] COVER 1

Will utility plans be separate? with EGP?

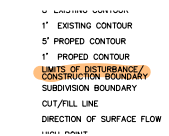
Add roundabout lighting and landscaping plans.

2 (21)

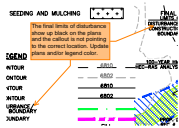


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Page Index: 2
Date: 4/18/2023 3:36:40 PM
Author: Mikayla Hartford
Color: ■
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Space:
Page Label: [1] 171500 GESC FINAL-GRADING 2

Are these the same lines? The pink in the legend appears to be blue.

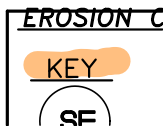


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Page Label: [1] 171500 GESC FINAL-GRADING 2



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Page Index: 2
Date: 4/19/2023 10:25:53 AM
Author: Mikayla Hartford
Color: ■
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Space:
Page Label: [1] 171500 GESC FINAL-GRADING 2

The final limits of disturbance show up black on the plans and the callout is not pointing to the correct location. Update plans and/or legend color.

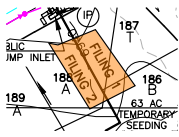


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Subject: SW - Textbox with Arrow
Page Index: 2
Date: 4/18/2023 4:12:57 PM
Author: Mikayla Hartford
Color: ■
Layer:
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Page Label: [1] 171500 GESC FINAL-GRADING 2

Put TSB in legend.

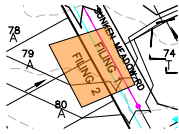


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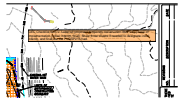


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Since the project is changing to Filing 1 and combining all work into one filing, remove mentions to Filing 2 throughout.

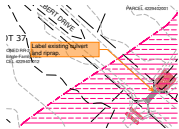


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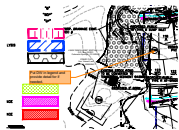
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Date: 4/19/2023 11:43:32 AM
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Space:
Page Label: [1] 171500 GESC FINAL-GRADING 2

GEC Checklist Item V. Label all proposed temporary construction BMPs by phase of implementation (initial, interim, final). Show three sheets if needed to designate initial, interim, and final like the PUDSP215 had.



Subject: SW - Textbox with Arrow
Page Index: 2
Date: 4/19/2023 11:44:25 AM
Author: Mikayla Hartford
Color: ■
Layer:
Space:
Page Label: [1] 171500 GESC FINAL-GRADING 2

Label existing culvert and riprap.



Subject: SW - Textbox with Arrow
Page Index: 2
Date: 4/19/2023 12:02:33 PM
Author: Mikayla Hartford
Color: ■
Layer:
Space:
Page Label: [1] 171500 GESC FINAL-GRADING 2

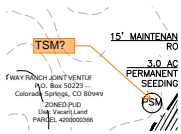
Put DW in legend and provide detail for if needed.



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 Author: Mikayla Hartford
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 Page Label: [1] 171500 GESC FINAL-GRADING 2



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 Author: Mikayla Hartford
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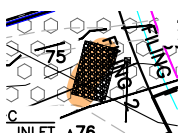


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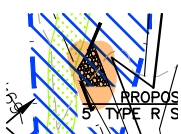
TSM?



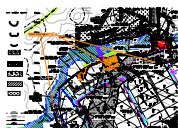
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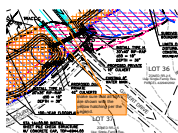


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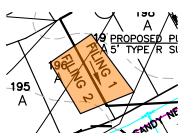
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Page Index: 2
Date: 4/19/2023 1:14:52 PM
Author: Mikayla Hartford
Color: ■
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Page Label: [1] 171500 GESC FINAL-GRADING 2

Define these shapes.



Subject: SW - Textbox with Arrow
Page Index: 2
Date: 4/20/2023 9:35:27 AM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [1] 171500 GESC FINAL-GRADING 2

make sure that all UIA's are shown with the yellow hatching per the Legend.



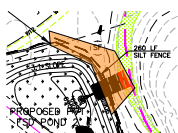
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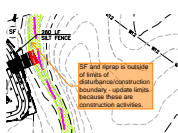
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Date: 4/20/2023 1:01:13 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [1] 171500 GESC FINAL-GRADING 2

Add a general note: all areas to be vegetated with permanent seeding should also be temporary stabilized via track rolling or some other means.

3 (2)



Subject: Polygon
Page Index: 3
Date: 4/19/2023 10:37:00 AM
Author: Mikayla Hartford
Color: ■
Layer:
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Page Label: [2] 171500 GESC FINAL-GRADING 3



Subject: SW - Textbox with Arrow
Page Index: 3
Date: 4/19/2023 10:37:33 AM
Author: Mikayla Hartford
Color: ■
Layer:
Space:
Page Label: [2] 171500 GESC FINAL-GRADING 3

SF and riprap is outside of limits of disturbance/construction boundary - update limits because these are construction activities.

4 (2)

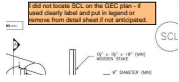


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Page Index: 4
Date: 4/19/2023 12:03:59 PM
Author: Mikayla Hartford
Color: ■
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Page Label: [3] 171500 GESC FINAL-DETAIL 4

Sediment Control Log (SCL)



ontrol Log (SCL)



Subject: SW - Textbox
Page Index: 4
Date: 4/19/2023 12:04:24 PM
Author: Mikayla Hartford
Color: ■
Layer:
Space:
Page Label: [3] 171500 GESC FINAL-DETAIL 4

I did not locate SCL on the GEC plan - if used clearly label and put in legend or remove from detail sheet if not anticipated.

6 (4)

Number 244

City of Colorado Springs Storm Water Quality

Subject: SW - Textbox
Page Index: 6
Date: 4/19/2023 10:40:26 AM
Author: Mikayla Hartford
Color: ■
Layer:
Space:
Page Label: [5] 171500 GESC FINAL-DETAIL 6

Add details for the construction fence and culvert inlet protection.

TYPICAL SECTION

Add road class urban local with street name(s)

Subject: Text Box
Page Index: 6
Date: 4/20/2023 2:15:17 PM
Author: eschoenheit
Color: ■
Layer:
Space:
Page Label: [5] 171500 GESC FINAL-DETAIL 6

Add road class urban local with street name(s)

add design and posted speed add road class

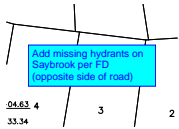
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Date: 4/20/2023 2:17:13 PM
Author: eschoenheit
Color: ■
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Space:
Page Label: [5] 171500 GESC FINAL-DETAIL 6

add design and posted speed
add road class

Add road cross section for Gilbert Rd

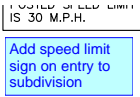
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Add road cross section for Gilbert Rd



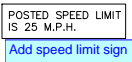
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Page Index: 7
Date: 4/20/2023 4:08:14 PM
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Space:
Page Label: [1] SAYBROOK 7

Add missing hydrants on Saybrook per FD (opposite side of road)



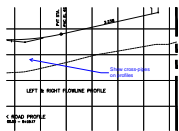
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Page Index: 7
Date: 4/28/2023 3:16:59 PM
Author: Jeff Rice - EPC Engineering Review
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Space:
Page Label: [1] SAYBROOK 7

Add speed limit sign on entry to subdivision



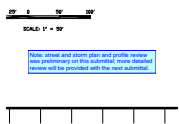
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Page Index: 7
Date: 4/28/2023 3:17:32 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [1] SAYBROOK 7

Add speed limit sign



Subject: Callout
Page Index: 7
Date: 4/28/2023 4:17:48 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [1] SAYBROOK 7

Show cross-pipes on profiles

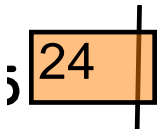


Subject: Text Box
Page Index: 7
Date: 4/28/2023 4:22:16 PM
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Space:
Page Label: [1] SAYBROOK 7

Note: street and storm plan and profile review was preliminary on this submittal; more detailed review will be provided with the next submittal.

R STORM
IEET 25)

Subject: SW - Highlight
Page Index: 9
Date: 4/19/2023 12:27:32 PM
Author: Mikayla Hartford
Color: ■
Layer:
Space:
Page Label: [3] 171500 CD 1-SANDY NECK 9



Subject: SW - Textbox
Page Index: 9
Date: 4/19/2023 12:27:38 PM
Author: Mikayla Hartford
Color: ■
Layer:
Space:
Page Label: [3] 171500 CD 1-SANDY NECK 9

24

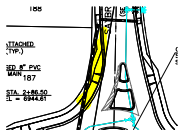
10 (11)



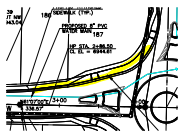
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Page Index: 10
Date: 4/25/2023 5:42:41 PM
Author: eschoenheit
Color: ■
Layer:
Space:
Page Label: [4] 171500 CD 1-SUNKEN MEADOW 10

Access conflicts with roundabout turn area for lots 187, 186, 21 & 1

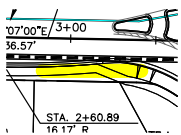
A shared access to an adjacent lot, removal of a lot or designation as a tract will be necessary for one ore more these lots, Plat restrictions and/or engineered site plan will be required. Please revise



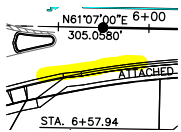
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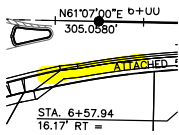
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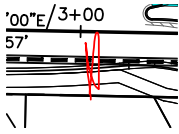
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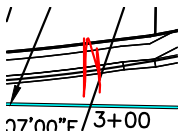
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Page Label: [4] 171500 CD 1-SUNKEN MEADOW 10



Subject: Highlight
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Date: 4/24/2023 8:55:36 AM
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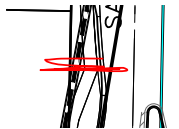
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Subject: Pen
Page Index: 10
Date: 4/24/2023 9:41:53 AM
Author: eschoenheit
Color: ■
Layer:
Space:
Page Label: [4] 171500 CD 1-SUNKEN MEADOW 10



Subject: Pen
Page Index: 10
Date: 4/24/2023 9:42:02 AM
Author: eschoenheit
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Page Label: [4] 171500 CD 1-SUNKEN MEADOW 10

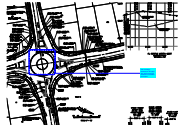


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Date: 4/24/2023 9:42:11 AM
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Page Label: [4] 171500 CD 1-SUNKEN MEADOW 10



Subject: Text Box
Page Index: 10
Date: 4/25/2023 5:42:02 PM
Author: eschoenheit
Color: ■
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Space:
Page Label: [4] 171500 CD 1-SUNKEN MEADOW 10

Please provide complete Roundabout Report

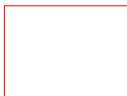


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Page Index: 17
Date: 4/24/2023 5:08:45 PM
Author: eschoenheit
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Page Label: [11] 171500 CD 1-ROUNDABOUT 17

Call out design material per TIS page 155. Show limits and material of mountable truck apron



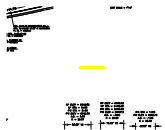
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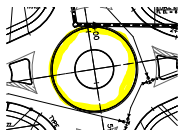
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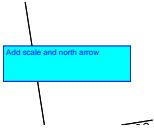
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Page Index: 17
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Page Label: [11] 171500 CD 1-ROUNDABOUT 17



Subject: Highlight
Page Index: 17
Date: 4/24/2023 5:06:22 PM
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Space:
Page Label: [11] 171500 CD 1-ROUNDABOUT 17

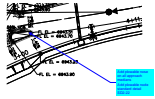


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Page Label: [11] 171500 CD 1-ROUNDABOUT 17



Subject: Text Box
Page Index: 18
Date: 4/24/2023 4:44:05 PM
Author: eschoenheit
Color: ■
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Space:
Page Label: [12] 171500 CD 1-ROUNDAABOUT 18

Add scale and north arrow

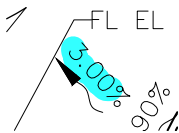


Subject: Callout
Page Index: 18
Date: 4/24/2023 4:45:44 PM
Author: eschoenheit
Color: ■
Layer:
Space:
Page Label: [12] 171500 CD 1-ROUNDAABOUT 18

Add plowable nose on all approach medians
Add plowable nose standard detail SD2-22

DESIGNED BY	DLF
DRAWN BY	QNA
CHECKED BY	QNA
H-SCALE	NA
V-SCALE	N/A
JOB NO.	1715.00
DATE ISSUED	2/6/23
SHEET NO.	18 OF 30

Subject: Highlight
Page Index: 18
Date: 4/24/2023 4:46:24 PM
Author: eschoenheit
Color: ■
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Space:
Page Label: [12] 171500 CD 1-ROUNDAABOUT 18

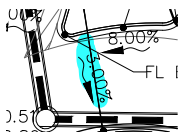


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Page Index: 18
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Color: ■
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Page Label: [12] 171500 CD 1-ROUNDAABOUT 18

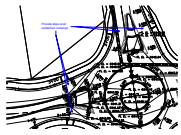


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Page Index: 18
Date: 4/28/2023 3:19:58 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [12] 171500 CD 1-ROUNDAABOUT 18

Label cross-slope



Subject:
Page Index: 18
Date: 4/28/2023 3:19:23 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [12] 171500 CD 1-ROUNDAABOUT 18



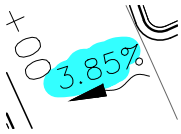
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Page Index: 18
Date: 4/28/2023 3:22:14 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
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Page Label: [12] 171500 CD 1-ROUNDABOUT 18

Provide slope at all pedestrian crossings

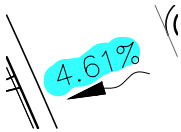


Subject: Callout
Page Index: 18
Date: 4/28/2023 3:23:29 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
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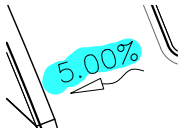
Provide slope at all pedestrian crossings



Subject:
Page Index: 18
Date: 4/28/2023 3:23:44 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
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Page Label: [12] 171500 CD 1-ROUNDABOUT 18

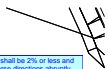


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Page Index: 18
Date: 4/28/2023 3:23:47 PM
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Color: ■
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Space:
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Subject:
Page Index: 18
Date: 4/28/2023 3:23:50 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [12] 171500 CD 1-ROUNDABOUT 18

Cross-slopes shall be 2% or less and shouldn't reverse directions abruptly when circling the roundabout.



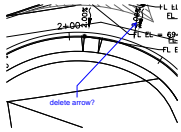
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Page Index: 18
Date: 4/28/2023 3:33:45 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [12] 171500 CD 1-ROUNDABOUT 18

Cross-slopes shall be 2% or less and shouldn't reverse directions abruptly when circling the roundabout.

Please enlarge this detail and provide all necessary information including circulatory width, pavement widths, radii, slopes and cross-slopes throughout the paved areas. A spot elevation table will be needed for the final set.

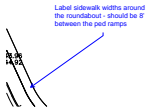
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Page Index: 18
Date: 4/28/2023 4:03:40 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [12] 171500 CD 1-ROUNDABOUT 18

Please enlarge this detail and provide all necessary information including circulatory width, pavement widths, radii, slopes and cross-slopes throughout the paved areas. A spot elevation table will be needed for the final set.



Subject: Callout
Page Index: 18
Date: 4/28/2023 3:34:44 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [12] 171500 CD 1-ROUNDABOUT 18

delete arrow?



Subject: Callout
Page Index: 18
Date: 4/28/2023 4:06:19 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [12] 171500 CD 1-ROUNDABOUT 18

Label sidewalk widths around the roundabout - should be 8' between the ped ramps

19 (22)

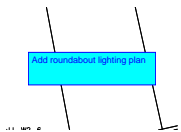


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Page Index: 19
Date: 4/24/2023 4:25:56 PM
Author: eschoenheit
Color: ■
Layer:
Space:
Page Label: [13] 171500 CD 1-STRIPPING 19

depict all missing roundabout road striping, Add yield lines and PED XC lines. Show complete signs and striping on this sheet



Subject: Pen
Page Index: 19
Date: 4/20/2023 4:04:46 PM
Author: eschoenheit
Color: ■
Layer:
Space:
Page Label: [13] 171500 CD 1-STRIPPING 19



Subject: Text Box
Page Index: 19
Date: 4/24/2023 4:25:47 PM
Author: eschoenheit
Color: ■
Layer:
Space:
Page Label: [13] 171500 CD 1-STRIPPING 19

Add roundabout lighting plan

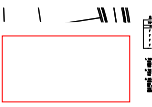


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Page Index: 19
Date: 4/24/2023 4:57:51 PM
Author: eschoenheit
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Page Label: [13] 171500 CD 1-STRIPPING 19

Per TIS pg 155. Add hatch pavement marking details if painted or different surface

Subject: Text Box
Page Index: 19
Date: 4/24/2023 5:00:22 PM
Author: eschoenheit
Color: ■
Layer:
Space:
Page Label: [13] 171500 CD 1-STRIPPING 19

Per TIS pg 155. Add hatch pavement marking details if painted or different surface



Subject: Rectangle
Page Index: 19
Date: 4/24/2023 4:59:02 PM
Author: eschoenheit
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Space:
Page Label: [13] 171500 CD 1-STRIPPING 19



Subject: Highlight
Page Index: 19
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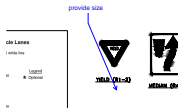


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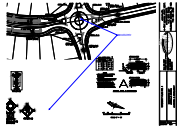
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Page Index: 19
Date: 4/28/2023 3:51:53 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
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Page Label: [13] 171500 CD 1-STRIPPING 19

Circulatory and speed limit not needed



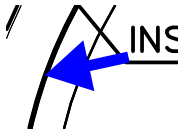
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Page Index: 19
Date: 4/28/2023 3:42:45 PM
Author: Jeff Rice - EPC Engineering Review
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Page Label: [13] 171500 CD 1-STRIPPING 19

provide size

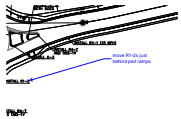


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Date: 4/28/2023 3:47:05 PM
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Page Label: [13] 171500 CD 1-STRIPPING 19

provide interior chevrons R6-4

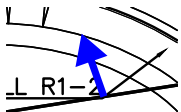


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Date: 4/28/2023 3:47:31 PM
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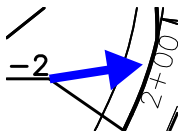


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Color: ■
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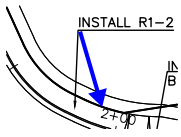
move R1-2s just behind ped ramps



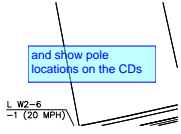
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Subject: Arrow
Page Index: 19
Date: 4/28/2023 3:48:38 PM
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Subject: Arrow
Page Index: 19
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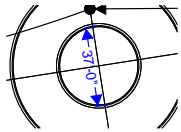


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Page Index: 19
Date: 4/28/2023 3:59:36 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
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Page Label: [13] 171500 CD 1-STRIPPING 19

and show pole locations on the CDs

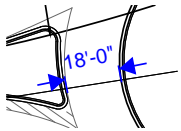


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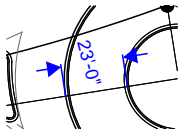
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Page Index: 19
Date: 4/28/2023 3:55:44 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
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Page Label: [13] 171500 CD 1-STRIPPING 19

37'-0"



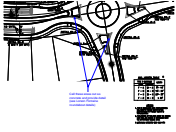
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Page Index: 19
Date: 4/28/2023 3:54:22 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [13] 171500 CD 1-STRIPPING 19

18'-0"



Subject: Length Measurement
Page Index: 19
Date: 4/28/2023 3:55:19 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [13] 171500 CD 1-STRIPPING 19

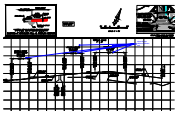
23'-0"



Subject: Callout
Page Index: 19
Date: 4/28/2023 4:29:47 PM
Author: Jeff Rice - EPC Engineering Review
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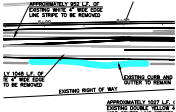
Call these areas out as concrete and provide detail (see Lorson Fontaine roundabout details)

20 (7)

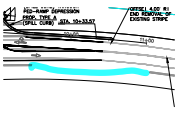


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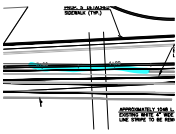
show all text, delete duplicate text



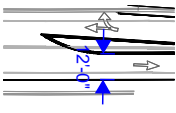
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Page Index: 20
Date: 4/28/2023 4:08:41 PM
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Layer:
Space:
Page Label: [14] 171500 CD 1-STAPLETON 20



Subject:
Page Index: 20
Date: 4/28/2023 4:08:47 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [14] 171500 CD 1-STAPLETON 20

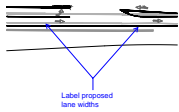


Subject:
Page Index: 20
Date: 4/28/2023 4:08:52 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [14] 171500 CD 1-STAPLETON 20



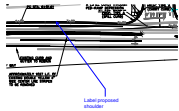
Subject: Length Measurement
Page Index: 20
Date: 4/28/2023 4:11:25 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [14] 171500 CD 1-STAPLETON 20

12'-0"



Subject: Callout
Page Index: 20
Date: 4/28/2023 4:11:59 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [14] 171500 CD 1-STAPLETON 20

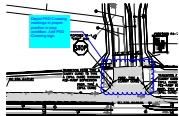
Label proposed lane widths



Subject: Callout
Page Index: 20
Date: 4/28/2023 4:20:56 PM
Author: Jeff Rice - EPC Engineering Review
Color: ■
Layer:
Space:
Page Label: [14] 171500 CD 1-STAPLETON 20

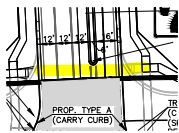
Label proposed shoulder

22 (2)



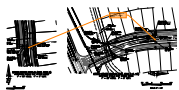
Subject: Cloud+
Page Index: 22
Date: 4/24/2023 7:33:08 AM
Author: eschoenheit
Color: ■
Layer:
Space:
Page Label: [16] 171500 CD 1-STAPLETON 22

Depict PED Crossing markings in proper position to stop condition. Add PED Crossing sign.



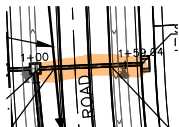
Subject: Highlight
Page Index: 22
Date: 4/24/2023 7:31:38 AM
Author: eschoenheit
Color: ■
Layer:
Space:
Page Label: [16] 171500 CD 1-STAPLETON 22

25 (3)

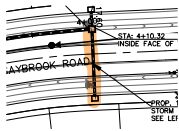


Subject: SW - Textbox with Arrow
Page Index: 25
Date: 4/19/2023 12:17:16 PM
Author: Mikayla Hartford
Color: ■
Layer:
Space:
Page Label: [3] 171500 CD 2-STORM 25

Are these sections the same? If so, update stations.

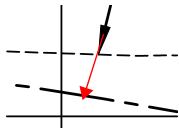


Subject: SW - Highlight
Page Index: 25
Date: 4/19/2023 12:17:48 PM
Author: Mikayla Hartford
Color: ■
Layer:
Space:
Page Label: [3] 171500 CD 2-STORM 25

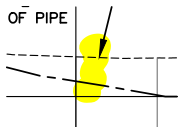


Subject: SW - Highlight
 Page Index: 25
 Date: 4/19/2023 12:17:51 PM
 Author: Mikayla Hartford
 Color: ■
 Layer:
 Space:
 Page Label: [3] 171500 CD 2-STORM 25

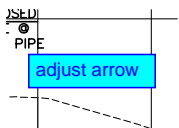
30 (3)



Subject: Arrow
 Page Index: 30
 Date: 4/20/2023 3:31:14 PM
 Author: eschoenheit
 Color: ■
 Layer:
 Space:
 Page Label: [8] 171500 CD 2-STORM 30



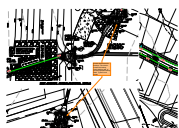
Subject: Highlight
 Page Index: 30
 Date: 4/20/2023 3:31:20 PM
 Author: eschoenheit
 Color: ■
 Layer:
 Space:
 Page Label: [8] 171500 CD 2-STORM 30



Subject: Text Box
 Page Index: 30
 Date: 4/20/2023 3:31:59 PM
 Author: eschoenheit
 Color: ■
 Layer:
 Space:
 Page Label: [8] 171500 CD 2-STORM 30

adjust arrow

35 (9)



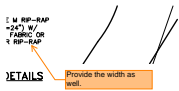
Subject: SW - Textbox with Arrow
 Page Index: 35
 Date: 4/20/2023 1:19:00 PM
 Author: Mikayla Hartford
 Color: ■
 Layer:
 Space:
 Page Label: [13] 171500 CD 2-POND 1 35

Provide dimensions for forebays. This should include the forebay notch width as well, or provide separate forebay detail. Typical for all ponds.



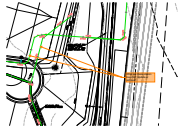
Subject: SW - Textbox with Arrow
 Page Index: 35
 Date: 4/19/2023 3:09:50 PM
 Author: Mikayla Hartford
 Color: ■
 Layer:
 Space:
 Page Label: [13] 171500 CD 2-POND 1 35

Provide length dimensions for the spillway and thickness of riprap.



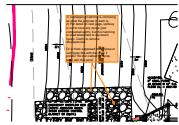
Subject: SW - Textbox with Arrow
Page Index: 35
Date: 4/19/2023 3:10:59 PM
Author: Mikayla Hartford
Color: ■
Layer:
Space:
Page Label: [13] 171500 CD 2-POND 1 35

Provide the width as well.



Subject: SW - Textbox with Arrow
Page Index: 35
Date: 4/19/2023 3:12:01 PM
Author: Mikayla Hartford
Color: ■
Layer:
Space:
Page Label: [13] 171500 CD 2-POND 1 35

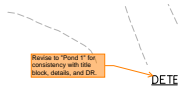
What are these station lines for? Update or remove?



Subject: SW - Textbox with Arrow
Page Index: 35
Date: 4/20/2023 12:25:58 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [13] 171500 CD 2-POND 1 35

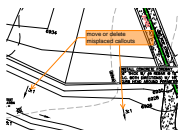
1) overlapping hatching is confusing as what the purpose of each is.
 2) Per detail on next page, spillway is not to have any riprap (just compacted earth), but this hatching is used elsewhere to represent riprap. Clarify to remove discrepancies.

Or is there supposed to be riprap or soil riprap like with the other 2 ponds? No text callout for riprap seen with this pond.



Subject: SW - Textbox with Arrow
Page Index: 35
Date: 4/20/2023 12:37:41 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [13] 171500 CD 2-POND 1 35

Revise to "Pond 1" for consistency with title block, details, and DR.



Subject: SW - Textbox with Arrow
Page Index: 35
Date: 4/20/2023 12:55:18 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [13] 171500 CD 2-POND 1 35

move or delete misplaced callouts



Subject: SW - Textbox with Arrow
Page Index: 35
Date: 4/20/2023 12:55:44 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [13] 171500 CD 2-POND 1 35

Typical comment for all 3 ponds:

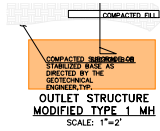
Pond bottom should have a minimum slope of 3% to the trickle channel and micropool (USDCM Vol 3, detail T-5). Please adjust to minimize future maintenance needs.



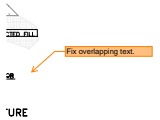
Subject: Text Box
Page Index: 35
Date: 4/20/2023 3:32:56 PM
Author: eschoenheit
Color: ■
Layer:
Space:
Page Label: [13] 171500 CD 2-POND 1 35

Show easement around pond and access for all ponds

36 (20)

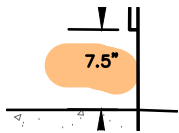


Subject: SW - Rectangle
Page Index: 36
Date: 4/20/2023 9:00:06 AM
Author: Mikayla Hartford
Color: ■
Layer:
Space:
Page Label: [14] 171500 CD 2-POND 1 36

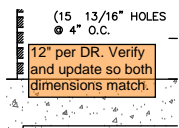


Subject: SW - Textbox with Arrow
Page Index: 36
Date: 4/20/2023 9:00:16 AM
Author: Mikayla Hartford
Color: ■
Layer:
Space:
Page Label: [14] 171500 CD 2-POND 1 36

Fix overlapping text.

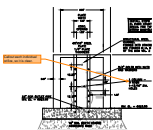


Subject: SW - Highlight
Page Index: 36
Date: 4/20/2023 9:02:02 AM
Author: Mikayla Hartford
Color: ■
Layer:
Space:
Page Label: [14] 171500 CD 2-POND 1 36



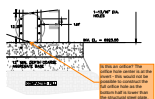
Subject: SW - Textbox
Page Index: 36
Date: 4/20/2023 9:15:32 AM
Author: Mikayla Hartford
Color: ■
Layer:
Space:
Page Label: [14] 171500 CD 2-POND 1 36

12" per DR. Verify and update so both dimensions match.



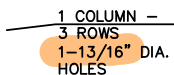
Subject: SW - Textbox with Arrow
Page Index: 36
Date: 4/20/2023 9:37:43 AM
Author: Mikayla Hartford
Color: ■
Layer:
Space:
Page Label: [14] 171500 CD 2-POND 1 36

Callout each individual orifice, so it is clear.

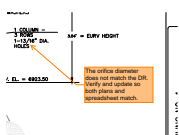


Subject: SW - Textbox with Arrow
Page Index: 36
Date: 4/20/2023 1:17:52 PM
Author: Mikayla Hartford
Color: ■
Layer:
Space:
Page Label: [14] 171500 CD 2-POND 1 36

Is this an orifice? The orifice hole center is at the invert - this would not be possible to construct the full orifice hole as the bottom half is lower than the structural steel plate.



Subject: SW - Highlight
Page Index: 36
Date: 4/20/2023 9:37:49 AM
Author: Mikayla Hartford
Color: ■
Layer:
Space:
Page Label: [14] 171500 CD 2-POND 1 36



Subject: SW - Textbox with Arrow
Page Index: 36
Date: 4/20/2023 9:38:33 AM
Author: Mikayla Hartford
Color: ■
Layer:
Space:
Page Label: [14] 171500 CD 2-POND 1 36

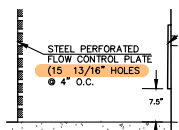
The orifice diameter does not match the DR. Verify and update so both plans and spreadsheet match.



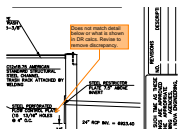
Subject: SW - Textbox with Arrow
Page Index: 36
Date: 4/20/2023 12:45:22 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [14] 171500 CD 2-POND 1 36

Trash rack to be Amico Klemp KRP Series aluminum bar grate (Figure 6-b), US Filter or Johnson stainless steel well screen with #93 VEE wire (Figure 6-a), or equivalent (per EPC DCMv2, Chap 4.3 and MHFD Detail T-12).

Diamond plate trash racks are not an equivalent replacement to those in our criteria. We have concerns that the diamond plate is going to be a constant maintenance issue with clogging. Diamonds plates may have the same percent open area as those shown in our criteria but this isn't the only criteria that decides equivalency with the ones specified out in our criteria. The well screen and bar grates in our criteria are designed to be maintenance friendly whereas the diamond plate will clog more often.

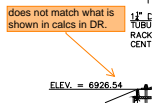


Subject: SW - Highlight
Page Index: 36
Date: 4/20/2023 11:38:12 AM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [14] 171500 CD 2-POND 1 36



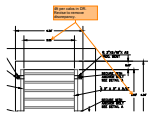
Subject: SW - Textbox with Arrow
Page Index: 36
Date: 4/20/2023 11:39:12 AM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [14] 171500 CD 2-POND 1 36

Does not match detail below or what is shown in DR calcs. Revise to remove discrepancy.



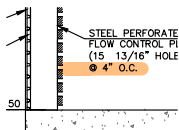
Subject: SW - Textbox with Arrow
Page Index: 36
Date: 4/20/2023 11:45:12 AM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [14] 171500 CD 2-POND 1 36

does not match what is shown in calcs in DR.

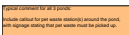


Subject: SW - Textbox with Arrow
Page Index: 36
Date: 4/20/2023 12:00:38 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [14] 171500 CD 2-POND 1 36

4ft per calcs in DR. Revise to remove discrepancy.



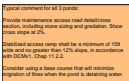
Subject: SW - Highlight
Page Index: 36
Date: 4/20/2023 12:08:00 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [14] 171500 CD 2-POND 1 36



Subject: SW - Textbox
Page Index: 36
Date: 4/20/2023 12:46:24 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [14] 171500 CD 2-POND 1 36

Typical comment for all 3 ponds:

Include callout for pet waste station(s) around the pond, with signage stating that pet waste must be picked up.



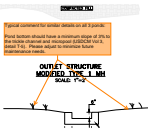
Subject: SW - Textbox
Page Index: 36
Date: 4/20/2023 12:54:42 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [14] 171500 CD 2-POND 1 36

Typical comment for all 3 ponds:

Provide maintenance access road detail/cross section, including stone sizing and gradation. Show cross slope at 2%.

Stabilized access ramp shall be a minimum of 15ft wide and no greater than 12% slope, in accordance with DCMV1, Chap 11.2.2.

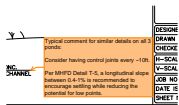
Consider using a base course that will minimize migration of fines when the pond is detaining water.



Subject: SW - Textbox with Arrow
Page Index: 36
Date: 4/20/2023 12:57:07 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [14] 171500 CD 2-POND 1 36

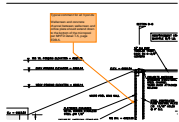
Typical comment for similar details on all 3 ponds:

Pond bottom should have a minimum slope of 3% to the trickle channel and micropool (USDCM Vol 3, detail T-5). Please adjust to minimize future maintenance needs.



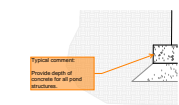
Subject: SW - Textbox with Arrow
Page Index: 36
Date: 4/20/2023 12:58:37 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [14] 171500 CD 2-POND 1 36

Typical comment for similar details on all 3 ponds:
Consider having control joints every ~10ft.
Per MHFD Detail T-5, a longitudinal slope between 0.4-1% is recommended to encourage settling while reducing the potential for low points.



Subject: SW - Textbox with Arrow
Page Index: 36
Date: 4/20/2023 2:22:53 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [14] 171500 CD 2-POND 1 36

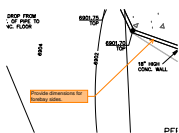
Typical comment for all 3 ponds:
Wellscreen and concrete channel between wellscreen and orifice plate should extend down to the bottom of the micropool per MHFD Detail T-5, page EDB-5.



Subject: SW - Textbox with Arrow
Page Index: 36
Date: 4/20/2023 2:30:13 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [14] 171500 CD 2-POND 1 36

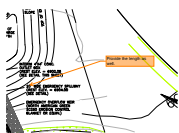
Typical comment:
Provide depth of concrete for all pond structures.

37 (23)



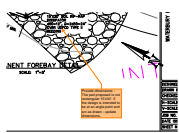
Subject: SW - Textbox with Arrow
Page Index: 37
Date: 4/20/2023 9:44:14 AM
Author: Mikayla Hartford
Color: ■
Layer:
Space:
Page Label: [15] 171500 CD 2-POND 2 37

Provide dimensions for forebay sides.



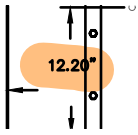
Subject: SW - Textbox with Arrow
Page Index: 37
Date: 4/20/2023 9:42:15 AM
Author: Mikayla Hartford
Color: ■
Layer:
Space:
Page Label: [15] 171500 CD 2-POND 2 37

Provide the length as well.

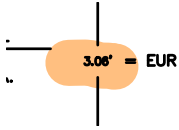


Subject: SW - Textbox with Arrow
Page Index: 37
Date: 4/20/2023 9:43:27 AM
Author: Mikayla Hartford
Color: ■
Layer:
Space:
Page Label: [15] 171500 CD 2-POND 2 37

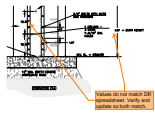
Provide dimensions - The pad proposed is not rectangular 15'x30'. If the design is intended to be at an angle point and arc as drawn - update dimensions.



Subject: SW - Highlight
Page Index: 37
Date: 4/20/2023 9:49:56 AM
Author: Mikayla Hartford
Color: ■
Layer:
Space:
Page Label: [15] 171500 CD 2-POND 2 37

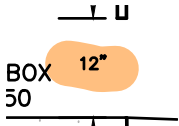


Subject: SW - Highlight
Page Index: 37
Date: 4/20/2023 9:49:59 AM
Author: Mikayla Hartford
Color: ■
Layer:
Space:
Page Label: [15] 171500 CD 2-POND 2 37

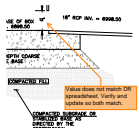


Subject: SW - Textbox with Arrow
Page Index: 37
Date: 4/20/2023 9:50:27 AM
Author: Mikayla Hartford
Color: ■
Layer:
Space:
Page Label: [15] 171500 CD 2-POND 2 37

Values do not match DR spreadsheet. Verify and update so both match.

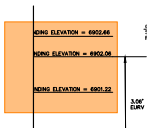


Subject: SW - Highlight
Page Index: 37
Date: 4/20/2023 9:54:56 AM
Author: Mikayla Hartford
Color: ■
Layer:
Space:
Page Label: [15] 171500 CD 2-POND 2 37

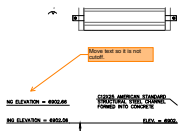


Subject: SW - Textbox with Arrow
Page Index: 37
Date: 4/20/2023 9:55:53 AM
Author: Mikayla Hartford
Color: ■
Layer:
Space:
Page Label: [15] 171500 CD 2-POND 2 37

Value does not match DR spreadsheet. Verify and update so both match.

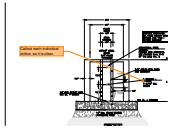


Subject: SW - Rectangle
Page Index: 37
Date: 4/20/2023 9:56:54 AM
Author: Mikayla Hartford
Color: ■
Layer:
Space:
Page Label: [15] 171500 CD 2-POND 2 37



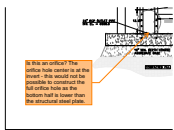
Subject: SW - Textbox with Arrow
Page Index: 37
Date: 4/20/2023 9:57:05 AM
Author: Mikayla Hartford
Color: ■
Layer:
Space:
Page Label: [15] 171500 CD 2-POND 2 37

Move text so it is not cutoff.



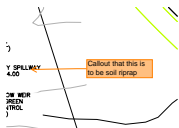
Subject: SW - Textbox with Arrow
Page Index: 37
Date: 4/20/2023 10:46:29 AM
Author: Mikayla Hartford
Color: ■
Layer:
Space:
Page Label: [15] 171500 CD 2-POND 2 37

Callout each individual orifice, so it is clear.



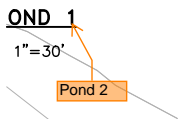
Subject: SW - Textbox with Arrow
Page Index: 37
Date: 4/20/2023 1:18:39 PM
Author: Mikayla Hartford
Color: ■
Layer:
Space:
Page Label: [15] 171500 CD 2-POND 2 37

Is this an orifice? The orifice hole center is at the invert - this would not be possible to construct the full orifice hole as the bottom half is lower than the structural steel plate.



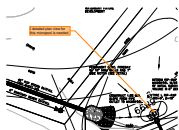
Subject: SW - Textbox with Arrow
Page Index: 37
Date: 4/20/2023 12:24:59 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [15] 171500 CD 2-POND 2 37

Callout that this is to be soil riprap



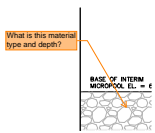
Subject: SW - Textbox with Arrow
Page Index: 37
Date: 4/20/2023 11:52:23 AM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [15] 171500 CD 2-POND 2 37

Pond 2



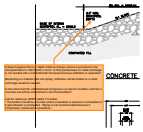
Subject: SW - Textbox with Arrow
Page Index: 37
Date: 4/20/2023 11:54:11 AM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [15] 171500 CD 2-POND 2 37

I detailed plan view for this micropool is needed



Subject: SW - Textbox with Arrow
Page Index: 37
Date: 4/20/2023 2:34:34 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [15] 171500 CD 2-POND 2 37

What is this material type and depth?



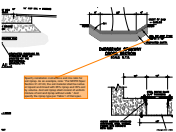
Subject: SW - Textbox with Arrow
Page Index: 37
Date: 4/20/2023 2:34:30 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [15] 171500 CD 2-POND 2 37

It doesn't appear that a 4" depth initial surcharge volume is provided on the micropool like it is with Ponds 1 and 3. Is that just because an initial surcharge is not needed with a soft bottomed micropool because infiltration is expected?

Depending on material (like soil riprap), infiltration will be limited so a initial surcharge would be needed.

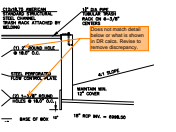
Is the intent that this soft bottomed micropool is an interim condition and that a concrete one will be constructed in the Final buildout?

Just for reference, MHFD detail T-5 states:
 " The bottom should be concrete unless a baseflow is present or anticipated or if groundwater is anticipated. Riprap is not recommended because it complicates maintenance operations."



Subject: SW - Textbox with Arrow
Page Index: 37
Date: 4/20/2023 1:01:35 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [15] 171500 CD 2-POND 2 37

Specify installation instructions and mix ratio for soil riprap. As an example, note: "Per MHFD Spec Section 31-37-00, the soil material shall be native or topsoil and mixed with 65% riprap and 35% soil by volume. And soil riprap shall consist of uniform mixture of soil and riprap without voids." And specify the riprap type per Table 1 of that spec.



Subject: SW - Textbox with Arrow
Page Index: 37
Date: 4/20/2023 1:24:43 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [15] 171500 CD 2-POND 2 37

Does not match detail below or what is shown in DR calcs. Revise to remove discrepancy.

(1) 2" ROI
 @ 18.0" O

Subject: SW - Highlight
Page Index: 37
Date: 4/20/2023 1:25:05 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [15] 171500 CD 2-POND 2 37

(1) 2" ROUND
HOLES @ 18.0" O.C.

Subject: SW - Highlight
Page Index: 37
Date: 4/20/2023 1:25:07 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [15] 171500 CD 2-POND 2 37

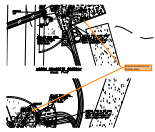
(2) 1-3/8" RC
HOLES @ 18.0"

Subject: SW - Highlight
Page Index: 37
Date: 4/20/2023 1:25:10 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [15] 171500 CD 2-POND 2 37

1-3/8" ROUND
HOLES @ 18.0" O.C.

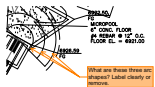
Subject: SW - Highlight
Page Index: 37
Date: 4/20/2023 1:25:11 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [15] 171500 CD 2-POND 2 37

38 (15)



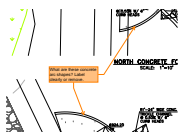
Subject: SW - Textbox with Arrow
Page Index: 38
Date: 4/20/2023 10:23:05 AM
Author: Mikayla Hartford
Color: ■
Layer:
Space:
Page Label: [16] 171500 CD 2-POND 3 38

Provide dimensions for forebay sides.



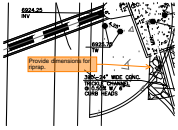
Subject: SW - Textbox with Arrow
Page Index: 38
Date: 4/20/2023 10:07:59 AM
Author: Mikayla Hartford
Color: ■
Layer:
Space:
Page Label: [16] 171500 CD 2-POND 3 38

What are these three arc shapes? Label clearly or remove.



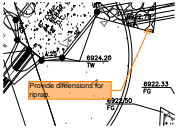
Subject: SW - Textbox with Arrow
Page Index: 38
Date: 4/20/2023 10:10:16 AM
Author: Mikayla Hartford
Color: ■
Layer:
Space:
Page Label: [16] 171500 CD 2-POND 3 38

What are these concrete arc shapes? Label clearly or remove.



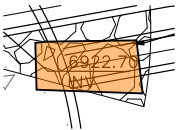
Subject: SW - Textbox with Arrow
Page Index: 38
Date: 4/20/2023 10:23:26 AM
Author: Mikayla Hartford
Color: ■
Layer:
Space:
Page Label: [16] 171500 CD 2-POND 3 38

Provide dimensions for riprap.

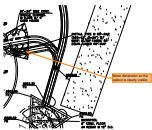


Subject: SW - Textbox with Arrow
Page Index: 38
Date: 4/20/2023 10:23:40 AM
Author: Mikayla Hartford
Color: ■
Layer:
Space:
Page Label: [16] 171500 CD 2-POND 3 38

Provide dimensions for riprap.

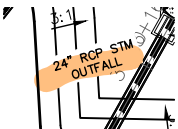


Subject: Polygon
Page Index: 38
Date: 4/20/2023 10:23:50 AM
Author: Mikayla Hartford
Color: ■
Layer:
Space:
Page Label: [16] 171500 CD 2-POND 3 38

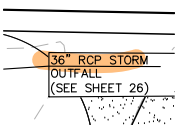


Subject: SW - Textbox with Arrow
Page Index: 38
Date: 4/20/2023 10:24:06 AM
Author: Mikayla Hartford
Color: ■
Layer:
Space:
Page Label: [16] 171500 CD 2-POND 3 38

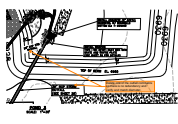
Move dimension so the callout is clearly visible.



Subject: SW - Highlight
Page Index: 38
Date: 4/20/2023 10:27:27 AM
Author: Mikayla Hartford
Color: ■
Layer:
Space:
Page Label: [16] 171500 CD 2-POND 3 38

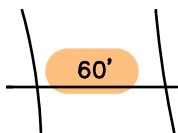


Subject: SW - Highlight
Page Index: 38
Date: 4/20/2023 10:27:29 AM
Author: Mikayla Hartford
Color: ■
Layer:
Space:
Page Label: [16] 171500 CD 2-POND 3 38

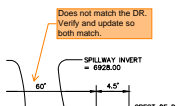


Subject: SW - Textbox with Arrow
Page Index: 38
Date: 4/20/2023 10:28:23 AM
Author: Mikayla Hartford
Color: ■
Layer:
Space:
Page Label: [16] 171500 CD 2-POND 3 38

Delete one of the outfall comments so there is no redundancy and verify and match diameter.

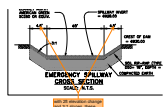


Subject: SW - Highlight
Page Index: 38
Date: 4/20/2023 10:32:09 AM
Author: Mikayla Hartford
Color: ■
Layer:
Space:
Page Label: [16] 171500 CD 2-POND 3 38



Subject: SW - Textbox with Arrow
Page Index: 38
Date: 4/20/2023 10:34:02 AM
Author: Mikayla Hartford
Color: ■
Layer:
Space:
Page Label: [16] 171500 CD 2-POND 3 38

Does not match the DR. Verify and update so both match.

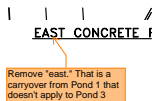


Subject: SW - Textbox with Arrow
Page Index: 38
Date: 4/20/2023 12:24:06 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [16] 171500 CD 2-POND 3 38

with 2ft elevation change and 3:1 slopes, these should be 6ft

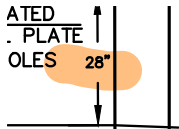


Subject: SW - Highlight
Page Index: 38
Date: 4/20/2023 12:43:25 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [16] 171500 CD 2-POND 3 38

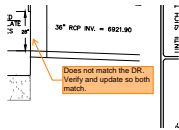


Subject: SW - Textbox with Arrow
Page Index: 38
Date: 4/20/2023 12:43:47 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [16] 171500 CD 2-POND 3 38

Remove "east." That is a carryover from Pond 1 that doesn't apply to Pond 3

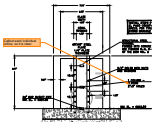


Subject: SW - Highlight
Page Index: 39
Date: 4/20/2023 10:44:57 AM
Author: Mikayla Hartford
Color: ■
Layer:
Space:
Page Label: [17] 171500 CD 2-POND 3 39



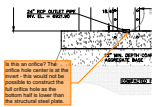
Subject: SW - Textbox with Arrow
Page Index: 39
Date: 4/20/2023 10:45:21 AM
Author: Mikayla Hartford
Color: ■
Layer:
Space:
Page Label: [17] 171500 CD 2-POND 3 39

Does not match the DR. Verify and update so both match.



Subject: SW - Textbox with Arrow
Page Index: 39
Date: 4/20/2023 10:46:48 AM
Author: Mikayla Hartford
Color: ■
Layer:
Space:
Page Label: [17] 171500 CD 2-POND 3 39

Callout each individual orifice, so it is clear.

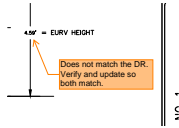


Subject: SW - Textbox with Arrow
Page Index: 39
Date: 4/20/2023 1:18:20 PM
Author: Mikayla Hartford
Color: ■
Layer:
Space:
Page Label: [17] 171500 CD 2-POND 3 39

Is this an orifice? The orifice hole center is at the invert - this would not be possible to construct the full orifice hole as the bottom half is lower than the structural steel plate.

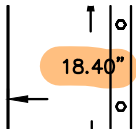


Subject: SW - Highlight
Page Index: 39
Date: 4/20/2023 10:49:54 AM
Author: Mikayla Hartford
Color: ■
Layer:
Space:
Page Label: [17] 171500 CD 2-POND 3 39

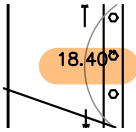


Subject: SW - Textbox with Arrow
Page Index: 39
Date: 4/20/2023 10:50:38 AM
Author: Mikayla Hartford
Color: ■
Layer:
Space:
Page Label: [17] 171500 CD 2-POND 3 39

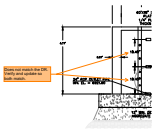
Does not match the DR. Verify and update so both match.



Subject: SW - Highlight
Page Index: 39
Date: 4/20/2023 10:50:24 AM
Author: Mikayla Hartford
Color: ■
Layer:
Space:
Page Label: [17] 171500 CD 2-POND 3 39

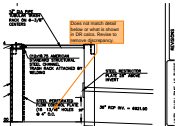


Subject: SW - Highlight
Page Index: 39
Date: 4/20/2023 10:50:26 AM
Author: Mikayla Hartford
Color: ■
Layer:
Space:
Page Label: [17] 171500 CD 2-POND 3 39



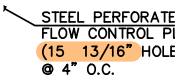
Subject: SW - Textbox with Arrow
Page Index: 39
Date: 4/20/2023 10:50:52 AM
Author: Mikayla Hartford
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Layer:
Space:
Page Label: [17] 171500 CD 2-POND 3 39

Does not match the DR. Verify and update so both match.

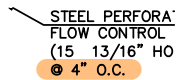


Subject: SW - Textbox with Arrow
Page Index: 39
Date: 4/20/2023 12:07:41 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [17] 171500 CD 2-POND 3 39

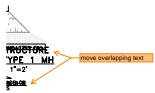
Does not match detail below or what is shown in DR calcs. Revise to remove discrepancy.



Subject: SW - Highlight
Page Index: 39
Date: 4/20/2023 12:07:46 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [17] 171500 CD 2-POND 3 39

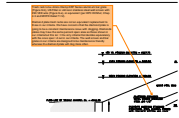


Subject: SW - Highlight
Page Index: 39
Date: 4/20/2023 12:07:51 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [17] 171500 CD 2-POND 3 39



Subject: SW - Textbox with Arrow
Page Index: 39
Date: 4/20/2023 12:41:43 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [17] 171500 CD 2-POND 3 39

move overlapping text



Subject: SW - Textbox with Arrow
Page Index: 39
Date: 4/20/2023 12:45:29 PM
Author: Glenn Reese - EPC Stormwater
Color: ■
Layer:
Space:
Page Label: [17] 171500 CD 2-POND 3 39

Trash rack to be Amico Klemp KRP Series aluminum bar grate (Figure 6-b), US Filter or Johnson stainless steel well screen with #93 VEE wire (Figure 6-a), or equivalent (per EPC DCMv2, Chap 4.3 and MHFD Detail T-12).

Diamond plate trash racks are not an equivalent replacement to those in our criteria. We have concerns that the diamond plate is going to be a constant maintenance issue with clogging. Diamonds plates may have the same percent open area as those shown in our criteria but this isn't the only criteria that decides equivalency with the ones spec'd out in our criteria. The well screen and bar grates in our criteria are designed to be maintenance friendly whereas the diamond plate will clog more often.