# V1Construction Drawings.pdf Markup Summary

# Arc (1)



Subject: Arc

Page Label: [28] 28 SIGNAGE & STRIPING PLAN

Author: dsdlaforce

Date: 6/20/2023 10:54:30 AM

Status: Color: Layer: Space:

# Architect (2)



Subject: Architect
Page Label: [1] 1 COVER

Author: Kishia

Date: 6/21/2023 3:17:06 PM

Status: Color: Layer: Space: SITUATED IN THE NORTHWEST 1/4 OF SECTION 7, TOWNSHIP 15 SOUTH, RANGE 65 WEST OF THE 6TH P.M.,



Subject: Architect

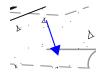
Page Label: [2] 23 DETENTION POND DETAILS

Author: Mikayla Hartford Date: 6/21/2023 5:17:55 PM

Status: Color: Layer: Space:

#### Arrow (3)

EL WHICH UMBER BOTH



Subject: Arrow

Page Label: [58] 58 DETAILED GRADING PLAN

Author: dsdlaforce

Date: 6/20/2023 4:21:53 PM

Status: Color: Layer: Space:

Subject: Arrow

Page Label: [1] 1 COVER

Author: Kishia

Date: 6/21/2023 3:17:28 PM

Status: Color: Layer: Space:

Subject: Arrow

Page Label: [1] 1 COVER

Author: Kishia

Date: 6/21/2023 3:18:01 PM

TION 6 AND THE Status:
Color: ■
Layer:
Space:

## Callout (117)



Subject: Callout

Page Label: [5] 5 DRY UTILITY PLAN

Author: Carlos

Date: 6/21/2023 4:35:03 PM

Status: Color: Layer: Space: Label lines and provide pipe dimensions and type.



Subject: Callout

Page Label: [5] 5 DRY UTILITY PLAN

Author: Carlos

Date: 6/19/2023 1:14:41 PM

Status: Color: Layer: Space: Show symbol



Subject: Callout

Page Label: [6] 6 BYPASS STORM LINE PLAN & PROFILE

Author: Carlos

Date: 6/19/2023 1:18:47 PM

Status: Color: Layer: Space: Label dashed line



Subject: Callout

Page Label: [6] 6 BYPASS STORM LINE PLAN & PROFILE

Author: Carlos

Date: 6/19/2023 1:19:27 PM

Status: Color: Layer: Space: Label if this is a connection, extension etc.



Subject: Callout

Page Label: [35] 35 DETAILED GRADING PLAN

Author: dsdlaforce Date: 6/20/2023 3:20:06 PM

Status: Color: Layer: Space: Revise the proposed design to include a knuckle per ECM detail SD\_2-77. However, given the limitation due to the residential lot, staff anticipates a deviation request to be included in the resubmittal for a modified knuckle design for consideration.

Update the plat to include the required ROW for the knuckle.

These offsite improvement should be detailed in the street construction plan set.



Subject: Callout

Page Label: [35] 35 DETAILED GRADING PLAN

Author: dsdlaforce

Date: 6/19/2023 1:33:12 PM

Status: Color: Layer: Space: Continue the sidewalk around the knuckle.



Page Label: [6] 6 BYPASS STORM LINE PLAN & PROFILE

Author: Carlos

Date: 6/19/2023 3:07:08 PM

Status: Color: Layer: Space:

Show drainage easement. Per ECM Chapter 3.3.1K there shall be a 15ft minimum storm sewer

easement.



Subject: Callout

Page Label: [6] 6 BYPASS STORM LINE PLAN & PROFILE

Author: Carlos

Date: 6/19/2023 3:08:15 PM

Status: Space:

Stations do not match plan view. Please revise stations accordingly.

Color: Layer:



Subject: Callout

Page Label: [7] 7 BYPASS STORM LINE PLAN & PROFILE

Author: Carlos

Date: 6/19/2023 3:28:55 PM

Status: Color: Layer: Space:

Label storm pipe size



Subject: Callout

Page Label: [7] 7 BYPASS STORM LINE PLAN & PROFILE

Author: Carlos

Date: 6/19/2023 3:34:22 PM

Status: Color: Layer: Space:

Sanitary sewer lines shall have 5 feet of minimum cover.

Identify the min-max slope.



Δ 11⊥37 55

Subject: Callout

Page Label: [5] 5 TYPICAL SECTIONS

Author: Carlos

Date: 6/19/2023 4:27:36 PM

Status: Color: Layer: Space:

Subject: Callout

Page Label: [3] 3 GENERAL NOTES

Author: dsdlaforce

Date: 6/19/2023 3:53:07 PM

Status: Color: Layer: Space:

Add the following Traffic Signal Notes.

VARIES Secretly the minimum slope.

Subject: Callout

Page Label: [5] 5 TYPICAL SECTIONS

Author: Carlos

Date: 6/19/2023 4:28:18 PM

Status: Color: Layer: Space: Identify the min-max slope.



Subject: Callout

Page Label: [6] 6 GEOMETRIC CONTROL DIAGRAM

Author: dsdlaforce

Date: 6/19/2023 4:34:29 PM

Status: Color: Layer: Space: Provide bearing data along the HCL



Subject: Callout

Page Label: [7] 7 GEOMETRIC CONTROL DIAGRAM

Author: dsdlaforce

Date: 6/19/2023 4:33:45 PM

Status: Color: Layer: Space: provide curve data



Subject: Callout

Page Label: [8] 8 GEOMETRIC CONTROL DIAGRAM

Author: dsdlaforce

Date: 6/19/2023 4:34:58 PM

Status: Color: Layer: Space: provide line/curve data.



Subject: Callout

Page Label: [5] 5 TYPICAL SECTIONS

Author: Carlos

Date: 6/19/2023 4:35:39 PM

Status: Color: Layer: Space: Identify this dimension.



Subject: Callout

Page Label: [12] 12 GRINNELL BLVD PLAN & PROFILE

**EAST** 

Author: dsdlaforce

Date: 6/19/2023 4:37:11 PM

Status: Color: Layer: Space: provide construction detail



Page Label: [12] 12 GRINNELL BLVD PLAN & PROFILE

**EAST** 

Author: dsdlaforce

Date: 6/19/2023 4:47:32 PM

Status: Color: Layer: Space: Install pedestrian ramp.

Include County standard details in the plan set for the C&G, pedestrian ramp. The pedestrian access route must meet ADA criteria in ECM chapter 6.



Subject: Callout

Page Label: [13] 13 GRINNELL BLVD PLAN & PROFILE

EAST

Author: dsdlaforce

Date: 6/19/2023 4:39:42 PM

Status: Color: Layer: Space: Install Pedestrian Ramp



Subject: Callout

Page Label: [5] 5 TYPICAL SECTIONS

Author: dsdlaforce

Date: 6/19/2023 4:45:44 PM

Status: Color: Layer: Space: To be constructed per County standard C&G. Update callout to EPC Type A curb and gutter.

Include EPC detail in the plan set.

Typical for all cross sections shown.



Subject: Callout

Page Label: [12] 12 GRINNELL BLVD PLAN & PROFILE

**EAST** 

Author: dsdlaforce

Date: 6/19/2023 4:52:21 PM

Status: Color: Layer: Space: provide P&P for the curb returns. Typical all.



Subject: Callout

Page Label: [12] 12 GRINNELL BLVD PLAN & PROFILE

**EAST** 

Author: dsdlaforce

Date: 6/19/2023 4:48:19 PM

Status: Color: Layer: Space: update asphalt hatch in the legend to match the plan scale.



Subject: Callout

Page Label: [14] 14 GRINNELL BLVD PLAN & PROFILE

EAST

Author: dsdlaforce

Date: 6/19/2023 4:57:21 PM

Status: Color: Layer: Space: Revise to a smoother transition.



Page Label: [8] 8 GEOMETRIC CONTROL DIAGRAM

Author: dsdlaforce

Date: 6/19/2023 4:58:46 PM

Status: Color: Layer: Space: provide line/curve data of the C&G.



Subject: Callout

Page Label: [17] 17 GOLDFIELD DRIVE INTERSECTION

DETAIL SHEET

Author: Carlos

Date: 6/19/2023 5:05:21 PM Status:

Color: Layer: Space:





Subject: Callout

Page Label: [17] 17 GOLDFIELD DRIVE INTERSECTION

DETAIL SHEET

Author: dsdlaforce

Date: 6/19/2023 5:11:40 PM

Status: Color: Layer: Space: install pedestrian ramp. See ECM detail SD\_2-40 and SD\_2-41 for pedestrian ramp/sw configuration at intersections.



Subject: Callout

Page Label: [17] 17 GOLDFIELD DRIVE INTERSECTION

DETAIL SHEET Author: dsdlaforce

Date: 6/19/2023 5:12:02 PM

Status: Color: Layer: Space: install pedestrian ramp. See ECM detail SD\_2-40 and SD\_2-41 for pedestrian ramp/sw configuration

at intersections.



Subject: Callout

Page Label: [21] 21 GRINNELL BLVD GRADING

Author: Carlos

Date: 6/19/2023 5:11:50 PM

Status: Color: Layer: Space: Show contour tie ins



Subject: Callout

Page Label: [20] 20 UTILITY PLAN

Author: dsdlaforce

Date: 6/19/2023 5:17:50 PM

Status: Color: Layer: Space: To avoid confusion turn off items items that were

identified to be demolished.



Page Label: [17] 17 GOLDFIELD DRIVE INTERSECTION

DETAIL SHEET Author: dsdlaforce

Date: 6/19/2023 5:18:07 PM

Status: Color: Layer: Space: To avoid confusion turn off items items that were

identified to be demolished.



Subject: Callout

Page Label: [21] 21 GRINNELL BLVD GRADING

Author: dsdlaforce

Date: 6/19/2023 5:21:28 PM

Status: Color: Layer: Space: Is there a culvert at this location?



Subject: Callout

Page Label: [27] 27 SIGNAGE & STRIPING PLAN

Author: Carlos

Date: 6/19/2023 5:23:27 PM

Status: Color: Layer: Space: Show station location



Subject: Callout

Page Label: [29] 29 SIGNAGE & STRIPING PLAN

Author: Carlos

Date: 6/20/2023 2:16:56 PM

Status: Color: Layer: Space: Show crosswalk



Subject: Callout

Page Label: [29] 29 SIGNAGE & STRIPING PLAN

Author: Carlos

Date: 6/19/2023 5:27:37 PM

Status: Color: Layer: Space: Show pedestrian ramp



Subject: Callout

Page Label: [29] 29 SIGNAGE & STRIPING PLAN

Author: Carlos

Date: 6/19/2023 5:28:02 PM

Status: Color: Layer: Space: label dashed box



Page Label: [30] 30 TRAFFIC SIGNAL PLAN

Author: Carlos

Date: 6/20/2023 2:15:21 PM

Status: Color: Layer: Space: Show pedestrian ramps



Subject: Callout

Page Label: [22] 22 GRINNELL BLVD GRADING

Author: dsdlaforce

Date: 6/20/2023 10:21:55 AM

Status: Color: Layer: Space: The demo plan show removal of existing asphalt mat. Update the grading sheets to proposed contour through the entire road section with the highpoint reset to the centerline alignment per the

typical road cross section sheets.



Subject: Callout

Page Label: [28] 28 SIGNAGE & STRIPING PLAN

Author: dsdlaforce

Date: 6/20/2023 10:31:11 AM

Status: Color: Layer: Space: install crosswalk striping per signing & striping note

#11



Subject: Callout

Page Label: [28] 28 SIGNAGE & STRIPING PLAN

Author: dsdlaforce

Date: 6/20/2023 10:41:37 AM

Status: Color: Layer: Space: Revise to 8" channelizing line



Subject: Callout

Page Label: [28] 28 SIGNAGE & STRIPING PLAN

Author: dsdlaforce

Date: 6/20/2023 10:43:40 AM

Status: Color: Layer: Space: Add accel lane lines



Subject: Callout

Page Label: [27] 27 SIGNAGE & STRIPING PLAN

Author: dsdlaforce

Date: 6/20/2023 10:45:46 AM

Status: Color: Layer: Space: Add 8" lane drop lines

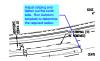


Page Label: [28] 28 SIGNAGE & STRIPING PLAN

Author: dsdlaforce

Date: 6/20/2023 10:49:32 AM

Status: Color: Layer: Space: provide a lane end merge left sign (W4-2)



Subject: Callout

Page Label: [28] 28 SIGNAGE & STRIPING PLAN

Author: dsdlaforce

Date: 6/20/2023 10:55:10 AM

Status: Color: Layer: Space: Adjust striping and flatten out the north side. Run Autoturn template to determine the required radius.



Subject: Callout

Page Label: [30] 30 TRAFFIC SIGNAL PLAN

Author: dsdlaforce

Date: 6/20/2023 11:16:50 AM

Status: Color: Layer: Space: Verify with traffic engineer but this should be revised to signal face #2 since there is a

southbound left turn.



Subject: Callout

Page Label: [30] 30 TRAFFIC SIGNAL PLAN

Author: dsdlaforce

Date: 6/20/2023 11:02:37 AM

Status: Color: Layer: Space: Staff will verify with Highways if this should be a 4-section vertical head to include a flashing yellow

arrow.



Subject: Callout

Page Label: [28] 28 SIGNAGE & STRIPING PLAN

Author: dsdlaforce

Date: 6/20/2023 11:08:14 AM

Status: Color: Layer: Space: Install a two-direction large arrow sign (W1-7)



Subject: Callout

Page Label: [30] 30 TRAFFIC SIGNAL PLAN

Author: dsdlaforce

Date: 6/20/2023 11:12:08 AM

Status: Color: Layer: Space: provide pedestrian ramp

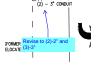


Page Label: [30] 30 TRAFFIC SIGNAL PLAN

Author: dsdlaforce

Date: 6/20/2023 11:31:04 AM

Status: Color: Layer: Space: Add the attached sign specs sheet.



Subject: Callout

Page Label: [30] 30 TRAFFIC SIGNAL PLAN

Author: dsdlaforce

Date: 6/20/2023 11:34:03 AM

Status: Color: Layer: Space: Revise to (2)-2" and (3)-3"



Subject: Callout

Page Label: [28] 28 SIGNAGE & STRIPING PLAN

Author: dsdlaforce

Date: 6/20/2023 11:41:28 AM

Status: Color: Layer: Space: Add Stop Bar at the signalized intersection



Subject: Callout

Page Label: [30] 30 TRAFFIC SIGNAL PLAN

Author: dsdlaforce

Date: 6/20/2023 11:44:05 AM

Status: Color: Layer: Space: Verify with traffic engineer if this signal head is necessary. This does not seem to be needed.



Subject: Callout

Page Label: [1] 1 COVER SHEET

Author: dsdlaforce

Date: 6/20/2023 12:53:57 PM

Status: Color: Layer: Space: Include offsite improvements to Goldfield and Cudahy with these plan set.



zerareen

Subject: Callout

Page Label: [60] 60 SIGNAGE & STRIPING PLAN

Author: dsdlaforce

Date: 6/20/2023 12:56:17 PM

Status: Color: Layer: Space: Move these offsite improvements to the street plan set.



Page Label: [60] 60 SIGNAGE & STRIPING PLAN

Author: dsdlaforce

Date: 6/20/2023 1:00:43 PM

Status: Color: Layer: Space: Install a receiving ramp and stop bar



Subject: Callout

Page Label: [60] 60 SIGNAGE & STRIPING PLAN

Author: dsdlaforce

Date: 6/20/2023 1:00:41 PM

Status: Color: Layer: Space: install pedestrian ramp



Subject: Callout

Page Label: [60] 60 SIGNAGE & STRIPING PLAN

Author: dsdlaforce

Date: 6/20/2023 1:02:17 PM

Status: Color: Layer: Space: Dedicate additional ROW to include the sidewalk (highlighted) within the ROW in accordance with

ECM detail SD\_2-40.



Subject: Callout

Page Label: [6] 6 BYPASS STORM LINE PLAN & PROFILE

Author: dsdlaforce

Date: 6/20/2023 1:20:29 PM

Status: Color: Layer: Space: Provide structure details on how this is being converted to connect the stormdrain to the box culvert.



Subject: Callout

Page Label: [7] 7 BYPASS STORM LINE PLAN & PROFILE

Author: dsdlaforce

Date: 6/20/2023 1:13:57 PM

Status: Color: Layer: Space: Update. This does not meet ECM 3.3.1.D. The designed is not a short run of pipes with pressure

head.



Subject: Callout

Page Label: [8] 8 BYPASS STORM LINE PLAN & PROFILE

Author: dsdlaforce

Date: 6/20/2023 1:20:40 PM

Status: Color: Layer: Space: Provide structure details on how this is being converted to connect the stormdrain to the box

culvert.



Page Label: [8] 8 BYPASS STORM LINE PLAN & PROFILE

Author: dsdlaforce

Date: 6/20/2023 1:21:52 PM

Status: Color: Layer: Space: Extend Profile to include this pipe segment.



Subject: Callout

Page Label: [6] 6 BYPASS STORM LINE PLAN & PROFILE

Author: dsdlaforce

Date: 6/20/2023 1:25:18 PM

Status: Color: Layer: Space: Fix the bottom of manhole elevation or provide explanation for the additional sump shown.



Subject: Callout

Page Label: [9] 9 STORM LINE A PLAN & PROFILE

Author: dsdlaforce

Date: 6/20/2023 2:03:34 PM

Status: Color: Layer: Space: Submit a deviation request for all drop manholes with drops exceeding 1 foot. Staff's concern with the structures service life and whether or not additional modification from the standard materials and specifications are needed given the amount of flow and energy from the vertical drop. Does this require thicker walls and base or higher strength concrete?



Subject: Callout

Page Label: [10] 10 STORM LINE A PLAN & PROFILE

Author: dsdlaforce

Date: 6/20/2023 2:05:36 PM

Status: Color: Layer: Space: Adjust Rim elevation



Subject: Callout

Page Label: [11] 11 STORM LINE B PLAN & PROFILE

Author: dsdlaforce

Date: 6/20/2023 2:07:30 PM

Status:
Color: Layer:
Space:

Rotate the plan view 180 to match the profile.



Subject: Callout

Page Label: [11] 11 STORM LINE B PLAN & PROFILE

Author: dsdlaforce

Date: 6/20/2023 2:09:03 PM

Status: Color: Layer: Space: Revise pipe profile to meet ECM Section 3.3.1.J.2.



Page Label: [11] 11 STORM LINE B PLAN & PROFILE

Author: dsdlaforce

Date: 6/20/2023 2:13:29 PM

Status: Color: Layer: Space:

See comment provided in sheet 7 regarding the HGL. Additionally the HGL must be at or below the proposed ground surface per ECM Section 3.3.1.C



Subject: Callout

Page Label: [13] 13 STORM LINE F PLAN & PROFILE

Author: dsdlaforce

Date: 6/20/2023 2:15:32 PM

Status: Color: Layer: Space:

Comment on sheet 7 applies.



Subject: Callout

Page Label: [20] 20 STORM RELOCATION LINE A PLAN &

**PROFILE** 

Author: dsdlaforce

Date: 6/20/2023 2:19:59 PM

Status: Color: Layer: Space:

Revise pipe design. Per ECM 3.3.1.J.8 maximum velocity shall be 18 fps.

OVERILO

Subject: Callout

Page Label: [1] 22 DETENTION POND PLAN

Author: dsdlaforce

Date: 6/20/2023 2:22:46 PM

Status: Color: Update note to also identify building permit from Pikes Peak Regional Building Building Department is also required prior to installation.

Layer: Space:



Subject: Callout

Page Label: [1] 22 DETENTION POND PLAN

Author: dsdlaforce

Date: 6/20/2023 2:26:19 PM

Status: Color: Layer: Space:

provide hydraulic analysis in the drainage report to verify if native grass is sufficient or additional erosion protection such as soil riprap is needed.



Subject: Callout

Page Label: [1] 22 DETENTION POND PLAN

Author: dsdlaforce

Date: 6/20/2023 2:30:39 PM

Status: Color: Layer: Space:

Update. Per DCM Section 11.2.2. a minimum of 15' maintenance easement shall be provided around the perimeter of the detention facility.



Page Label: [1] 22 DETENTION POND PLAN

Author: dsdlaforce Date: 6/20/2023 2:44:24 PM

Status: Color: Layer: Space: provide safety railing or guard rail



Subject: Callout

Page Label: [25] 25 DETAILED GRADING PLAN

Author: dsdlaforce

Date: 6/21/2023 11:29:03 AM

Status: Color: Layer: Space: At least provide 10 feet of bench behind the sidewalk at 2% slope. Preference would be to maintain a 2% slope up to the ROW from the Grinnell sidewalk in accordance with the standard county cross section which shows point of slope

selection occuring at the ROW.



Subject: Callout

Page Label: [28] 28 DETAILED GRADING PLAN

Author: dsdlaforce

Date: 6/20/2023 3:02:08 PM

Status: Color: Layer: Space: Add a note specifying that geogrid or tie back anchors for the retaining wall cannot encroach into the ROW.



Subject: Callout

Page Label: [28] 28 DETAILED GRADING PLAN

Author: dsdlaforce

Date: 6/20/2023 3:07:01 PM

Status: Color: Layer: Space: Identify drainage swale and include spot elevation between the building and retaining wall to convey runoff around the building.



Subject: Callout

Page Label: [29] 29 DETAILED GRADING PLAN

Author: dsdlaforce

Date: 6/20/2023 3:04:51 PM

Status: Color: Layer: Space: provide a drainage swale that will capture and convey runoff into the inlet.



Subject: Callout

Page Label: [29] 29 DETAILED GRADING PLAN

Author: dsdlaforce

Date: 6/20/2023 3:07:20 PM

Status: Color: Layer: Space: Identify drainage swale and include spot elevation between the building and retaining wall to convey

runoff around the building.



Page Label: [30] 30 DETAILED GRADING PLAN

Author: dsdlaforce

Date: 6/20/2023 3:07:40 PM

Status: Color: Layer: Space: Identify drainage swale and include spot elevation between the building and retaining wall to convey

runoff around the building.



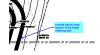
Subject: Callout

Page Label: [2] 23 DETENTION POND DETAILS

Author: Carlos

Date: 6/20/2023 3:17:30 PM

Status: Color: Layer: Space: Detail does not match detention basin spreadsheet in the final drainage report. Please revise.



Subject: Callout

Page Label: [31] 31 DETAILED GRADING PLAN

Author: dsdlaforce

Date: 6/20/2023 3:17:49 PM

Status: Color: Layer: Space: provide typical cross section of the tiered retaining wall.



Subject: Callout

Page Label: [31] 31 DETAILED GRADING PLAN

Author: dsdlaforce

Date: 6/20/2023 3:17:53 PM

Status: Color: Layer: Space: Identify drainage swale and include spot elevation between the building and retaining wall to convey runoff around the building.



Subject: Callout

Page Label: [35] 35 DETAILED GRADING PLAN

Author: dsdlaforce

Date: 6/20/2023 3:20:22 PM

Status: Color: Layer: Space: Identify drainage swale and include spot elevation between the building and retaining wall to convey runoff around the building.



Subject: Callout

Page Label: [2] 23 DETENTION POND DETAILS

Author: Carlos

Date: 6/20/2023 3:30:59 PM

Status: Color: Layer: Space: Revise to "5887.83"



Page Label: [39] 39 DETAILED GRADING PLAN

Author: dsdlaforce

Date: 6/20/2023 3:48:09 PM

Status: Color: Layer: Space: Maintain a 2% bench up to the ROW per the County standard cross section detail



Subject: Callout

Page Label: [43] 43 DETAILED GRADING PLAN

Author: dsdlaforce

Date: 6/20/2023 3:51:53 PM

Status: Color: Layer: Space: provide guard rail or safety fence.



Subject: Callout

Page Label: [47] 47 DETAILED GRADING PLAN

Author: dsdlaforce

Date: 6/20/2023 4:07:54 PM

Status: Color: Layer: Space: Similar to the property across the street, Staff request additional ROW to include the pedestrian

ramp within the ROW.



Subject: Callout

Page Label: [47] 47 DETAILED GRADING PLAN

Author: dsdlaforce

Date: 6/20/2023 4:08:41 PM

Status: Color: Layer: Space: Adjust the median island so it's not blocking the pedestrian access route.



Subject: Callout

Page Label: [48] 48 DETAILED GRADING PLAN

Author: dsdlaforce

Date: 6/20/2023 4:10:05 PM

Status: Color: Layer: Space: show the proposed grading within Grinnell.



Subject: Callout

Page Label: [51] 51 DETAILED GRADING PLAN

Author: dsdlaforce

Date: 6/20/2023 4:11:07 PM

Status: Color: Layer: Space: Identify drainage swale and include spot elevation between the building and retaining wall to convey

runoff around the building.



Page Label: [57] 57 DETAILED GRADING PLAN

Author: dsdlaforce

Date: 6/20/2023 4:19:13 PM

Status: Color: Layer: Space: Adjust grading to 2% from sidewalk to retaining



Subject: Callout

Page Label: [57] 57 DETAILED GRADING PLAN

Author: dsdlaforce

Date: 6/20/2023 4:19:58 PM

Status: Color: Layer: Space: adjust landscape cross slope to 2% per standard road section.



Subject: Callout

Page Label: [58] 58 DETAILED GRADING PLAN

Author: dsdlaforce

Date: 6/20/2023 4:25:01 PM

Status: Color: Layer: Space: revise cross pan to 8' wide per detail SD\_2-26. the flowline of the cross pan is not in line with the C&G  $\,$ 

flowline (see detail).



Subject: Callout

Page Label: [58] 58 DETAILED GRADING PLAN

Author: dsdlaforce

Date: 6/20/2023 4:22:40 PM

Status: Color: Layer: Space: adjust driveway grading so that the cross slope of

the pedestrian access route is 2% max.



Subject: Callout

Page Label: [1] PAVING PLAN

Author: dsdlaforce

**Date:** 6/20/2023 5:05:01 PM

Status: Color: Layer: Space: Adjust hatching. Crosspan must be concrete.



Subject: Callout

Page Label: [4] 4 OVERALL UTILITY PLAN

Author: dsdlaforce

Date: 6/20/2023 5:32:28 PM

Status: Color: Layer: Space: the structure replacing the headwall will be public.

NC LANSH
TO WASH
TO TAKE O

OF TAKE O

Lagar Research result in

Annual Res

Subject: Callout

Page Label: [1] 1 COVER Author: CDurham

Date: 6/22/2023 4:45:48 PM

Status: Color: Layer: Space: Legal description needs to match legal description

provided on cover sheet of plat



Subject: Callout

Page Label: [6] 6 BYPASS STORM LINE PLAN & PROFILE

Author: CDurham

Date: 6/22/2023 4:50:07 PM

Status: Color: Layer: Space: Verify what the max cover for an rcp of this size is. refer to CDOT Std M-603-2 (all deep pipes)



Subject: Callout

Page Label: [19] 19 STORM LINE R & T PLAN & PROFILE

Author: CDurham

Date: 6/22/2023 5:04:32 PM

Status: Color: Layer: Space: Provide clearance to other utilities



Subject: Callout

Page Label: [2] 23 DETENTION POND DETAILS

Author: CDurham

Date: 6/26/2023 9:03:20 AM

Status: Color: Layer: Space: Per MHFD detention pond orifice height is 2" at 3.70' above pond bottom, not at top of box.

Opening needs to be shown on orifice plate, not in

the box wall.



Subject: Callout

Page Label: [2] 23 DETENTION POND DETAILS

Author: CDurham

Date: 6/26/2023 9:08:04 AM

Status: Color: Layer: Space: Restrictor plate, as shown on MHFD Detention spreadsheet needs to be shown on detail



Subject: Callout

Page Label: [31] 31 DETAILED GRADING PLAN

Author: CDurham

Date: 6/26/2023 9:10:30 AM

Status: Color: Layer: Space: Label



Page Label: [9] 9 REMOVAL PLAN

Author: CDurham

Date: 6/26/2023 9:20:40 AM

Status: Color: Layer: Space: Label beginning of asphalt removal (Provide

station)



Subject: Callout

Page Label: [10] 10 REMOVAL PLAN

Author: CDurham

Date: 6/26/2023 9:21:08 AM

Status: Color: Layer: Space: Include this hatch in legend



Subject: Callout

Page Label: [11] 11 REMOVAL PLAN

Author: CDurham

Date: 6/26/2023 9:22:11 AM

Status: Color: Layer: Space: What about these manholes? Remain, remove, adjusted?



Subject: Callout

Page Label: [11] 11 REMOVAL PLAN

Author: CDurham

Date: 6/26/2023 9:22:36 AM

Status: Color: Layer: Space: Label where pavement removal ends (Provide

station)



Subject: Callout

Page Label: [9] 9 REMOVAL PLAN

Author: CDurham

Date: 6/26/2023 9:25:53 AM

Status: Color: Layer: Space: Indicate if electric manhole/boxes need to be removed, remain, adjusted, etc with road widening



Subject: Callout

Page Label: [12] 12 GRINNELL BLVD PLAN & PROFILE

**EAST** 

Author: CDurham

Date: 6/26/2023 9:26:59 AM

Status: Color: Layer: Space: Label new signal and reference sheet numbers for design information



Page Label: [10] 10 REMOVAL PLAN

Author: CDurham

Date: 6/26/2023 9:29:14 AM

Status: Color: Layer: Space: Indicate what happens with existing utility infrastructure with widening at intersection.

(remain, remove, adjust?)



Subject: Callout

Page Label: [12] 12 GRINNELL BLVD PLAN & PROFILE

**EAST** 

Author: CDurham

Date: 6/26/2023 9:31:27 AM

Status: Color: Layer: Space: Label west improvements and reference sheet number for design information



Subject: Callout

Page Label: [15] 15 GRINNELL BLVD PLAN & PROFILE

WEST

Author: CDurham

Date: 6/26/2023 9:32:07 AM

Status: Color: Layer: Space: Label east plan improvements and reference sheet number for design information



Subject: Callout

Page Label: [15] 15 GRINNELL BLVD PLAN & PROFILE

WEST

Author: CDurham

Date: 6/26/2023 9:35:13 AM

Status: Color: Layer: Space: label sidewalk



Subject: Callout

Page Label: [13] 13 GRINNELL BLVD PLAN & PROFILE

EAST

Author: CDurham

Date: 6/26/2023 9:37:43 AM

Status: Color: Layer: Space: Label west improvements and reference sheet number for design information



Subject: Callout

Page Label: [13] 13 GRINNELL BLVD PLAN & PROFILE

EAST

Author: CDurham

Date: 6/26/2023 9:38:48 AM

Status: Color: Layer: Space: Include this access on removal plans and indicate if it remains or is to be removed.



Page Label: [14] 14 GRINNELL BLVD PLAN & PROFILE

EAST

Author: CDurham

Date: 6/26/2023 9:39:03 AM

Status: Color: Layer: Space: Label west improvements and reference sheet number for design information



Subject: Callout

Page Label: [17] 17 GOLDFIELD DRIVE INTERSECTION

DETAIL SHEET

Author: CDurham

Date: 6/26/2023 9:44:48 AM

Status: Color: Layer: Space: Per ECM section 2.5.2.F.2 maximum cross length of any cross walk is 48'. Any crossing longer than 48' shall provide a pedestrian refuge area.



Subject: Callout

Page Label: [28] 28 SIGNAGE & STRIPING PLAN

Author: CDurham

Date: 6/26/2023 9:47:55 AM

Status: Color: Layer: Space: Turn off old striping





Subject: Cloud

Page Label: [3] 3 GENERAL NOTES

Author: dsdlaforce

Date: 6/19/2023 3:55:35 PM

Status: Color: Layer: Space:



Subject: Cloud

Page Label: [13] 13 GRINNELL BLVD PLAN & PROFILE

EAST

Author: dsdlaforce

Date: 6/19/2023 4:55:04 PM

Status: Color: Layer: Space:



Subject: Cloud

Page Label: [14] 14 GRINNELL BLVD PLAN & PROFILE

EAST

Author: dsdlaforce

Date: 6/19/2023 4:57:01 PM



Subject: Cloud

Page Label: [21] 21 GRINNELL BLVD GRADING

Author: dsdlaforce

Date: 6/19/2023 5:19:53 PM

Status: Color: Layer: Space:



Subject: Cloud

Page Label: [30] 30 TRAFFIC SIGNAL PLAN

Author: dsdlaforce

Date: 6/20/2023 11:31:08 AM

Status: Color: Layer: Space:



Subject: Cloud

Page Label: [60] 60 SIGNAGE & STRIPING PLAN

Author: dsdlaforce

Date: 6/20/2023 12:55:04 PM

Status: Color: Layer: Space:

.....



Subject: Cloud

Page Label: [60] 60 SIGNAGE & STRIPING PLAN

Author: dsdlaforce

Date: 6/20/2023 12:55:12 PM

Status: Color: Layer: Space:

.....



Subject: Cloud

Page Label: [6] 6 BYPASS STORM LINE PLAN & PROFILE

Author: dsdlaforce

Date: 6/20/2023 1:09:54 PM

Status: Color: Layer: Space:



Subject: Cloud

Page Label: [11] 11 STORM LINE B PLAN & PROFILE

Author: dsdlaforce

Date: 6/20/2023 2:08:17 PM



Subject: Cloud

Page Label: [1] 22 DETENTION POND PLAN

Author: dsdlaforce

Date: 6/20/2023 2:24:44 PM

Status: Color: Layer: Space:

#### Cloud+ (5)



Subject: Cloud+

Page Label: [4] 4 OVERALL UTILITY PLAN

Author: Carlos

Date: 6/19/2023 1:10:50 PM

Status: Color: Layer: Space: Fix orientation of text



Subject: Cloud+

Page Label: [12] 12 GRINNELL BLVD PLAN & PROFILE

EAST

Author: Carlos

Date: 6/20/2023 2:39:03 PM

Status: Color: Layer: Space: Minimum centerline grade is 1% please revise.



Subject: Cloud+

Page Label: [57] 57 DETAILED GRADING PLAN

Author: Carlos

Date: 6/20/2023 2:59:53 PM

Status: Color: Layer: Space: Coordinate with design engineer for % recommendations.



Subject: Cloud+

Page Label: [55] 55 DETAILED GRADING PLAN

Author: Carlos

Date: 6/20/2023 3:05:36 PM

Status: Color: Layer: Space: Pedestrain curb ramp shall met SD\_2-40 and SD\_2-41. Please refer to standard details for

design.



Subject: Cloud+

Page Label: [47] 47 DETAILED GRADING PLAN

Author: Carlos

Date: 6/21/2023 5:03:50 PM

Status: Color: Layer: Space: Mark this pedestrian ramp for removal. Applicant will be required to remove the pedestrian ramp as there is no receiving ramp on the other side.

## Dimension (3)



Subject: Dimension

Page Label: [12] 12 GRINNELL BLVD PLAN & PROFILE

EAST

Author: CDurham

Date: 6/26/2023 9:36:48 AM

Status: Color: Layer: Space:

Subject: Dimension

Page Label: [13] 13 GRINNELL BLVD PLAN & PROFILE

EAST
Author: CDurham

Date: 6/26/2023 9:37:17 AM

Status: Color: Layer: Space:



Subject: Dimension

Page Label: [17] 17 GOLDFIELD DRIVE INTERSECTION

DETAIL SHEET
Author: CDurham

Date: 6/26/2023 9:44:40 AM

Status: Color: Layer: Space:

#### File Attachment (1)



Subject: File Attachment

Page Label: [30] 30 TRAFFIC SIGNAL PLAN

Author: dsdlaforce

Date: 6/20/2023 11:30:43 AM

Status: Color: Layer: Space:

# Highlight (15)



Subject: Highlight

Page Label: [35] 35 DETAILED GRADING PLAN

Author: dsdlaforce Date: 6/19/2023 1:24:29 PM

Status: Color: Layer: Space:

Subject: Highlight
Page Label: [35] 35 DETAILED GRADING PLAN

Author: dsdlaforce

**Date:** 6/19/2023 1:30:27 PM

8.30<sup>1</sup> 5

Subject: Highlight

Page Label: [14] 14 GRINNELL BLVD PLAN & PROFILE

**EAST** 

Author: dsdlaforce

Date: 6/19/2023 5:08:07 PM

Status: Color: Layer: Space:

.....



Subject: Highlight

Page Label: [30] 30 TRAFFIC SIGNAL PLAN

Author: dsdlaforce

Date: 6/20/2023 11:33:31 AM

Status: Color: Layer: Space:



Subject: Highlight

Page Label: [30] 30 TRAFFIC SIGNAL PLAN

Author: dsdlaforce

Date: 6/20/2023 11:33:32 AM

Status: Color: Layer: Space:



Subject: Highlight

Page Label: [30] 30 TRAFFIC SIGNAL PLAN

Author: dsdlaforce

Date: 6/20/2023 11:33:35 AM

Status: Color: Layer: Space:



Subject: Highlight

Page Label: [60] 60 SIGNAGE & STRIPING PLAN

Author: dsdlaforce

Date: 6/20/2023 12:59:36 PM

Status: Color: Layer: Space:



Subject: Highlight

Page Label: [60] 60 SIGNAGE & STRIPING PLAN

Author: dsdlaforce

Date: 6/20/2023 1:00:08 PM



Subject: Highlight

Page Label: [6] 6 BYPASS STORM LINE PLAN & PROFILE

Author: dsdlaforce

Date: 6/20/2023 1:23:21 PM

Status: Color: Layer: Space:



Subject: Highlight

Page Label: [10] 10 STORM LINE A PLAN & PROFILE

Author: dsdlaforce

Date: 6/20/2023 2:05:26 PM

Status: Color: Layer: Space:



Subject: Highlight

Page Label: [13] 13 STORM LINE F PLAN & PROFILE

Author: dsdlaforce

Date: 6/20/2023 2:15:19 PM

Status: Color: Layer: Space:



Subject: Highlight

Page Label: [13] 13 STORM LINE F PLAN & PROFILE

Author: dsdlaforce

Date: 6/20/2023 2:15:21 PM

Status: Color: Layer: Space:



Subject: Highlight

Page Label: [20] 20 STORM RELOCATION LINE A PLAN &

PROFILE

Author: dsdlaforce

Date: 6/20/2023 2:19:18 PM

Status: Color: Layer: Space:



Subject: Highlight

Page Label: [58] 58 DETAILED GRADING PLAN

Author: dsdlaforce

Date: 6/20/2023 4:23:05 PM



Subject: Highlight

Page Label: [4] 4 OVERALL UTILITY PLAN

Author: dsdlaforce

Date: 6/20/2023 5:32:01 PM

Status: Color: Layer: Space:

# Image (9)



Subject: Image

Page Label: [35] 35 DETAILED GRADING PLAN

Author: dsdlaforce Date: 6/19/2023 1:27:01 PM

Status:
Color: Layer:
Space:



Subject: Image

Page Label: [3] 3 GENERAL NOTES

Author: dsdlaforce

Date: 6/19/2023 3:52:42 PM

Status: Color: Layer: Space:



Subject: Image

Page Label: [13] 13 GRINNELL BLVD PLAN & PROFILE

EAST

Author: dsdlaforce

Date: 6/19/2023 4:54:52 PM

Status: Color: Layer: Space:



Subject: Image

Page Label: [7] 7 BYPASS STORM LINE PLAN & PROFILE

Author: dsdlaforce

Date: 6/20/2023 1:08:46 PM

Status: Color: Layer: Space:



Subject: Image

Page Label: [11] 11 STORM LINE B PLAN & PROFILE

Author: dsdlaforce

Date: 6/20/2023 2:09:48 PM



Subject: Image

Page Label: [1] 22 DETENTION POND PLAN

Author: dsdlaforce

Date: 6/20/2023 2:35:03 PM

Status: Color: Layer: Space:



Subject: Image

Page Label: [1] 22 DETENTION POND PLAN

Author: dsdlaforce

Date: 6/20/2023 2:43:46 PM

Status: Color: Layer: Space:

.....



Subject: Image

Page Label: [39] 39 DETAILED GRADING PLAN

Author: dsdlaforce

Date: 6/20/2023 3:48:12 PM

Status: Color: E Layer: Space:

.....

14'-10"



Subject: Image

Page Label: [25] 25 DETAILED GRADING PLAN

Author: dsdlaforce

Date: 6/20/2023 4:00:24 PM

Status: Color: Layer: Space:

## Length Measurement (1)



Subject: Length Measurement

Page Label: [58] 58 DETAILED GRADING PLAN

Author: dsdlaforce Date: 6/20/2023 4:20:55 PM

Status: Color: Layer: Space:

r: dedlaforce

## Line (6)

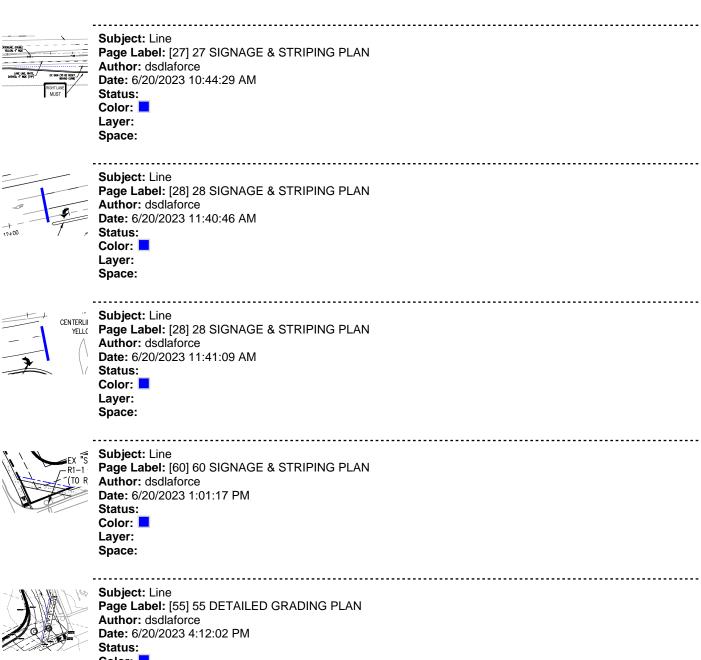


Subject: Line

Page Label: [28] 28 SIGNAGE & STRIPING PLAN

Author: dsdlaforce

Date: 6/20/2023 10:43:28 AM



Color: Layer: Space:

Pen (69)

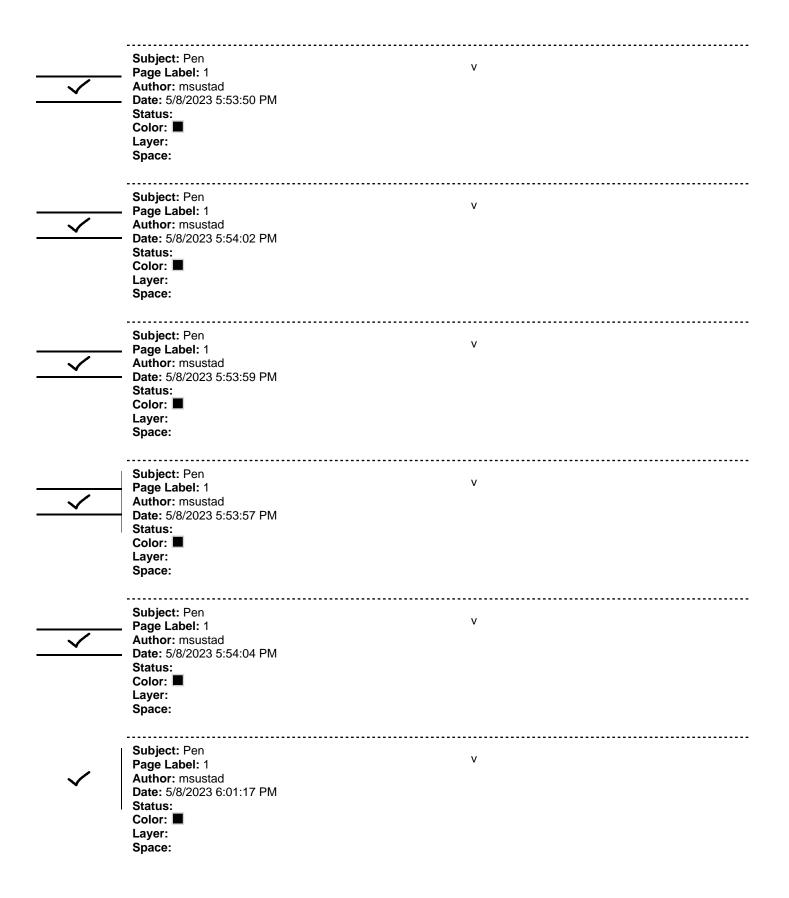


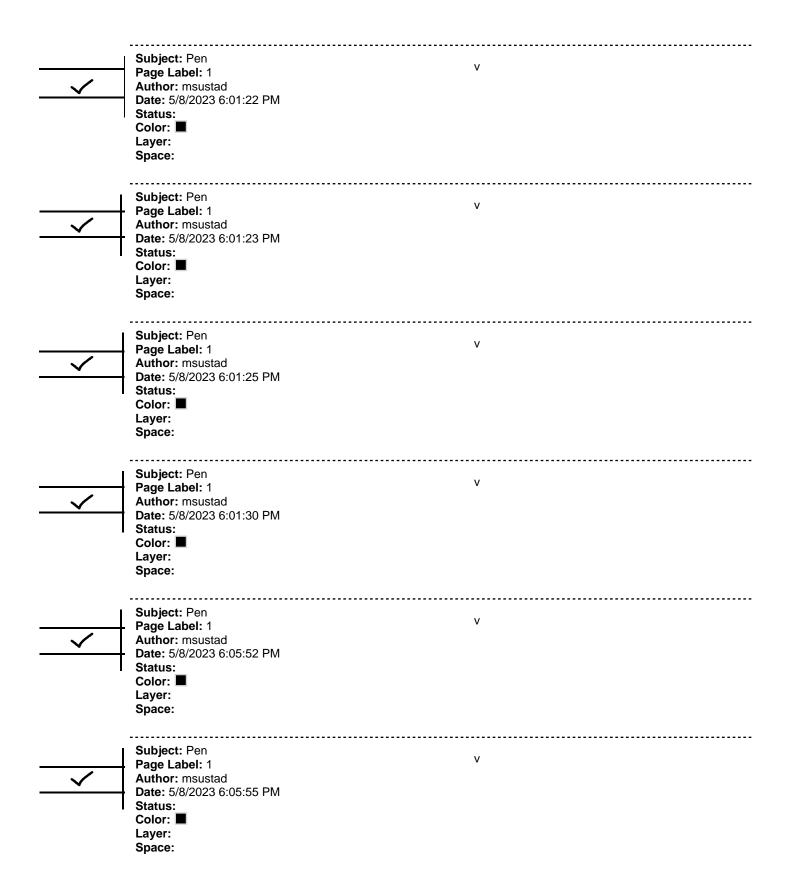
Subject: Pen Page Label: 1 Author: msustad

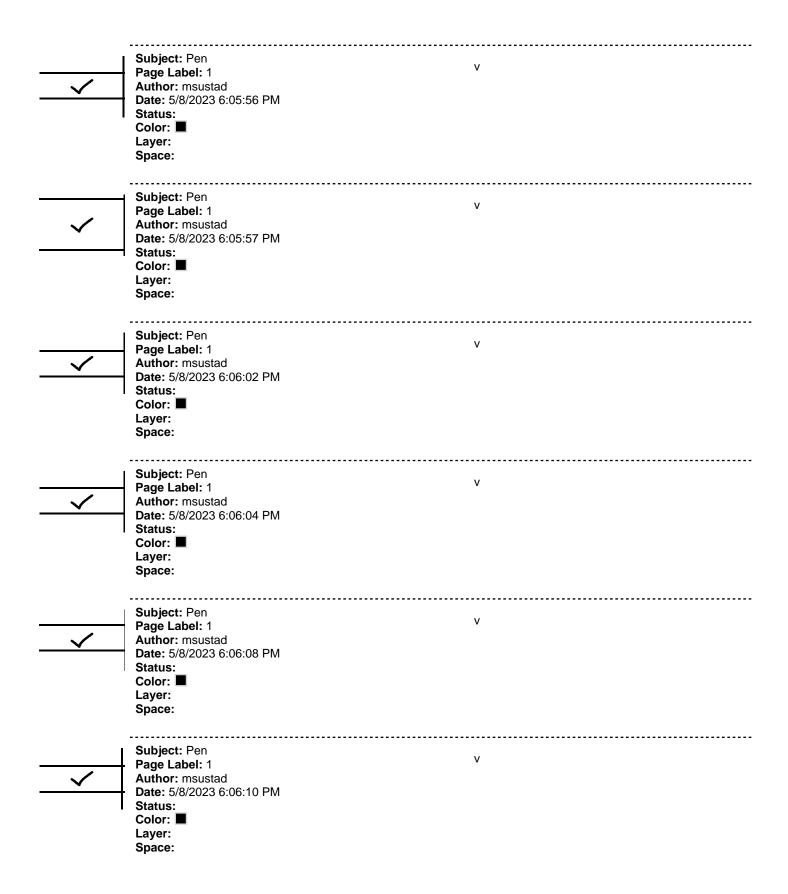
Date: 5/8/2023 5:53:12 PM

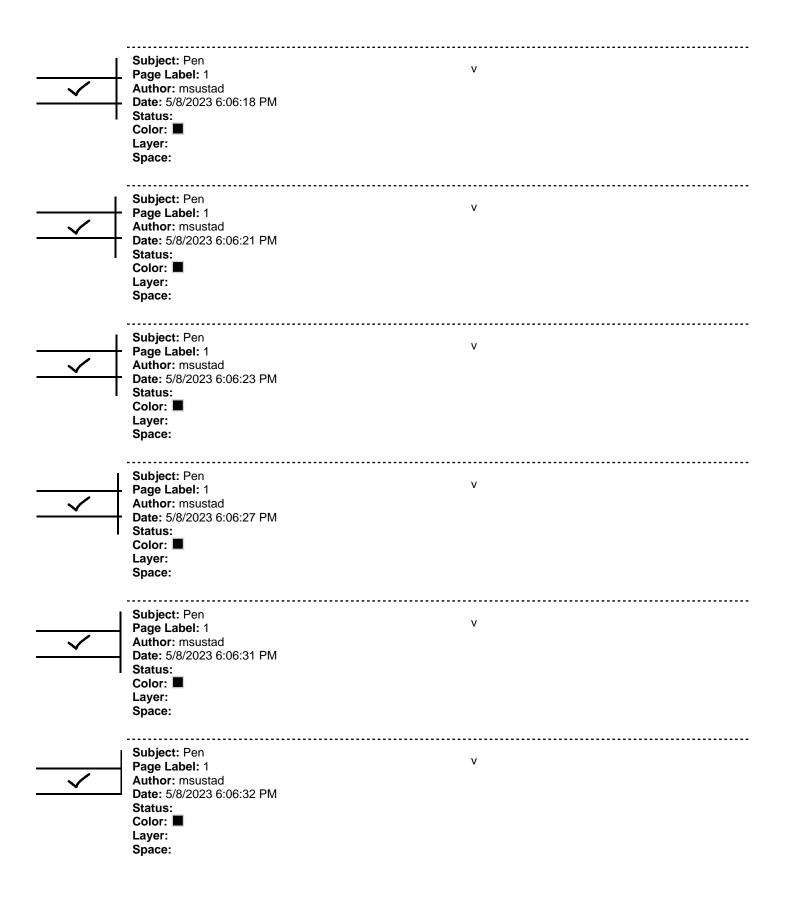
Status: Color: Layer: Space:

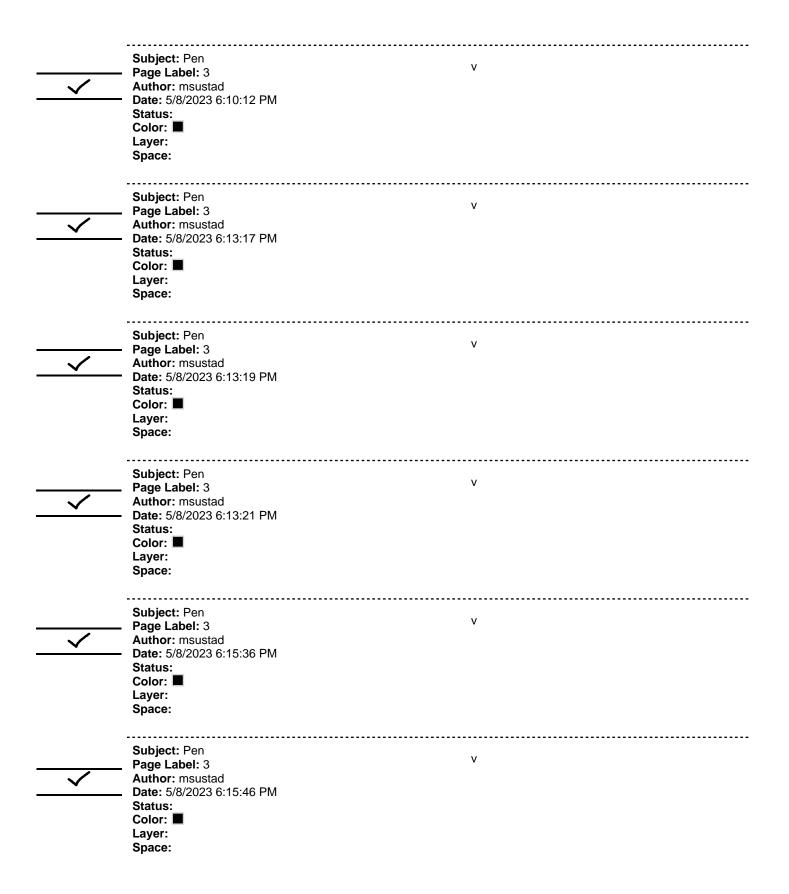
٧

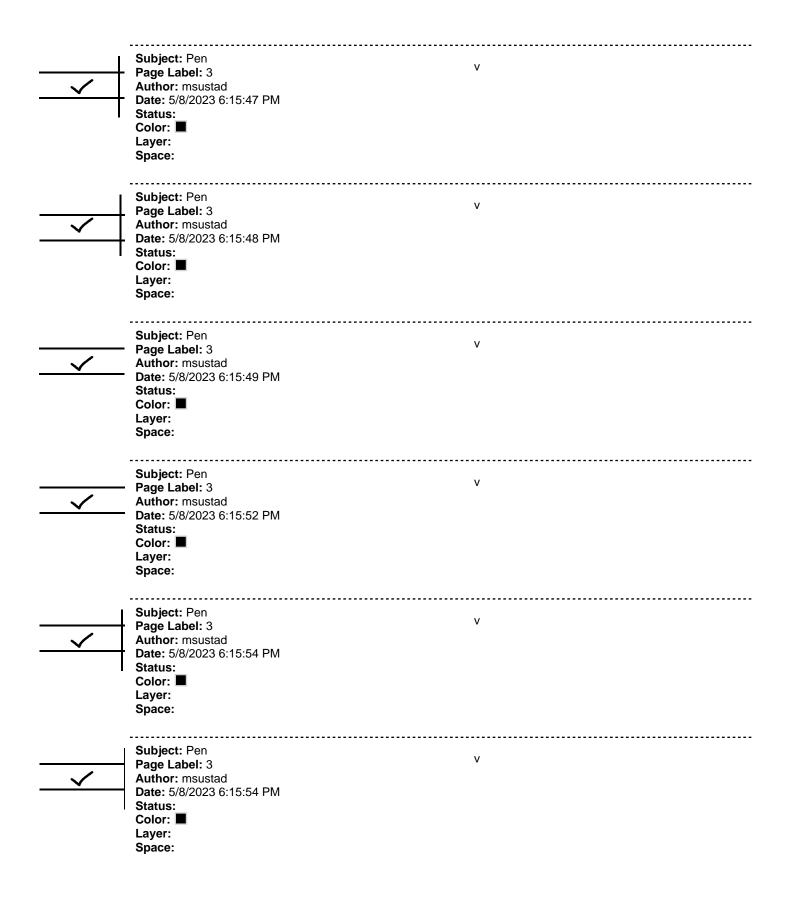


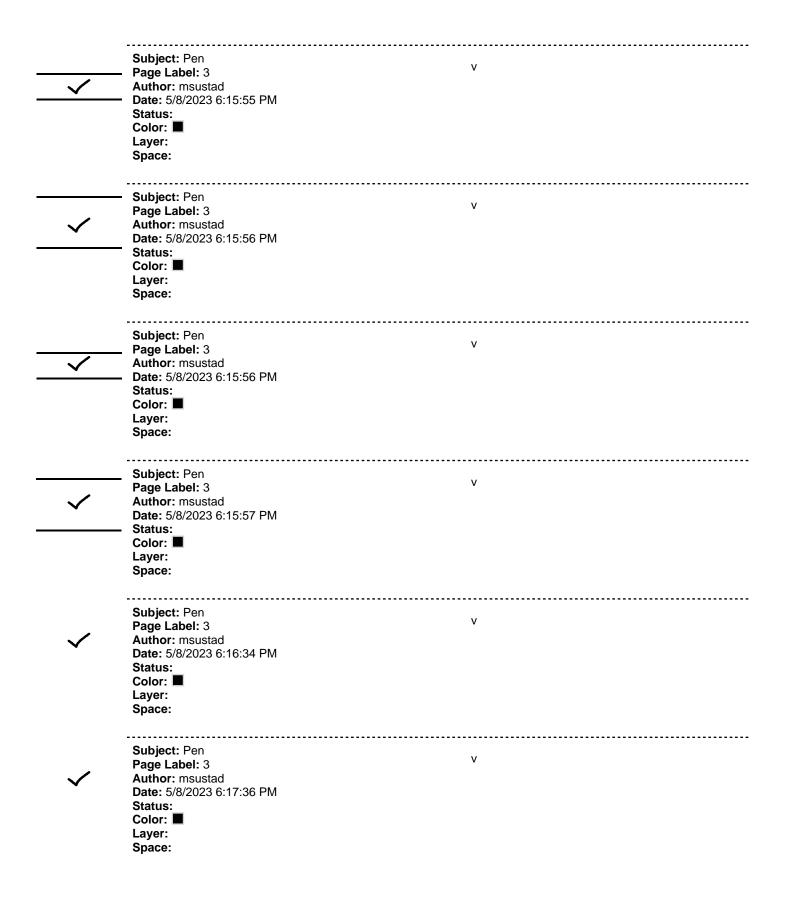






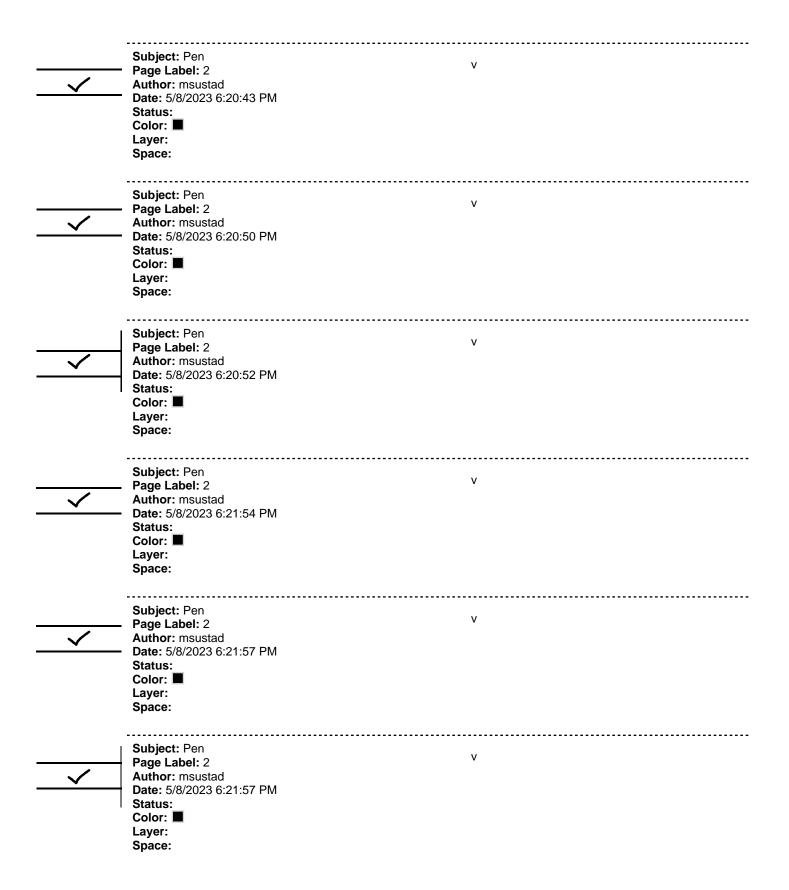


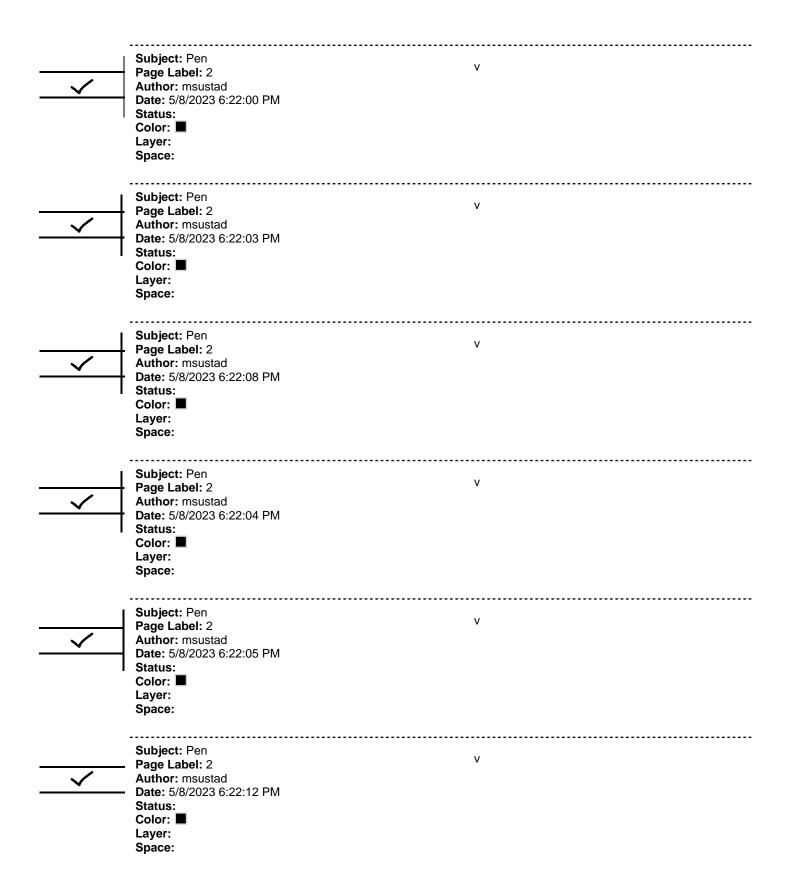




	Subject: Pen		
	- Page Label: 3	V	
<b>~</b>	Author: msustad		
~	<b>Date:</b> 5/8/2023 6:17:41 PM		
	Status:		
	Color:		
	Layer:		
	Space:		
	Subject: Pen	V	
	Page Label: 3	•	
	Author: msustad		
	<b>Date:</b> 5/8/2023 6:17:43 PM		
	Status:		
	Color: ■		
	Layer:		
	Space:		
	Subject: Pen	V	
_	Page Label: 3	V	
	Author: msustad		
	Date: 5/8/2023 6:17:45 PM		
	Status:		
	Color:		
	Layer:		
	Space:		
	Subject: Pen	v	
	Page Label: 3	V	
	Author: msustad		
	<b>Date:</b> 5/8/2023 6:17:45 PM		
	Status:		
	Color: ■		
	Layer:		
	Space:		
	<u>.</u>		
	Subject: Pen		
	Page Label: 3	V	
<b>/</b>	Author: msustad		
	<b>Date:</b> 5/8/2023 6:17:46 PM		
	Status:		
	Color: ■		
	Layer:		
	Space:		
	•		
	Subject: Pen		
-	Page Label: 3	V	
	Author: msustad		
	<b>Date:</b> 5/8/2023 6:17:55 PM		
	Status:		
	Color: ■		
	Layer:		
	Space:		

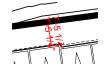
	Subject: Pen		
		V	
,	Page Label: 2		
	Author: msustad		
	Date: 5/8/2023 6:20:27 PM		
	Status:		
	Color:		
	Layer:		
	Space:		
	•		
	0.1.4.5		
	Subject: Pen	V	
	Page Label: 2	V	
	Author: msustad		
•	<b>Date:</b> 5/8/2023 6:20:31 PM		
	Status:		
	Color: ■		
	Layer:		
	Space:		
	opass.		
	Subject: Pen		
	Page Label: 2	V	
	Author: msustad		
~			
	<b>Date:</b> 5/8/2023 6:20:32 PM		
	Status:		
	Color: ■		
	Layer:		
	Space:		
	Subject: Pen		
	Page Label: 2	V	
	Author: msustad		
	<b>Date:</b> 5/8/2023 6:20:37 PM		
	Status:		
	Color: ■		
	Layer:		
	Space:		
	Subject: Den		
	Subject: Pen	V	
	Page Label: 2	•	
	Author: msustad		
	<b>Date:</b> 5/8/2023 6:20:40 PM		
	Status:		
	Color: ■		
	Layer:		
	Space:		
	•		
	Outlinet Day	 	
	Subject: Pen	V	
	Page Label: 2	V	
	Author: msustad		
	<b>Date:</b> 5/8/2023 6:20:35 PM		
	Status:		
	Color: ■		
	Layer:		
	Space:		
	opavo.		





Subject: Pen Page Label: 2 Author: msustad Date: 5/8/2023 6:22:20 PM Status: Color: Layer: Space: Subject: Pen Page Label: 2 Author: msustad Date: 5/8/2023 6:22:22 PM Status: Color: Layer: Space:

## Polylength Measurement (2)



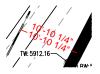
Subject: Polylength Measurement

Page Label: [1] 22 DETENTION POND PLAN

Author: dsdlaforce Date: 6/20/2023 2:27:21 PM

Status: Color: Layer: Space:

.....



Subject: Polylength Measurement

Page Label: [28] 28 DETAILED GRADING PLAN

Author: dsdlaforce Date: 6/20/2023 2:59:22 PM

Status: Color: Layer: Space: 10'-10 1/4"

7'-5 1/4"

## PolyLine (1)



Subject: PolyLine

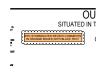
Page Label: [47] 47 DETAILED GRADING PLAN

Author: dsdlaforce

Date: 6/20/2023 4:09:04 PM

Status: Color: Layer: Space:

# Stamp - Stormwater Comment Legend (1)



Subject: Stamp - Stormwater Comment Legend

Page Label: [1] 1 COVER Author: Mikayla Hartford Date: 6/20/2023 10:42:20 AM

Status: Color: Layer: Space:

#### SW - Highlight (1)



Subject: SW - Highlight

Page Label: [2] 23 DETENTION POND DETAILS

Author: Mikayla Hartford Date: 6/21/2023 5:20:40 PM

Status: Color: Layer: Space:

#### SW - Textbox (3)



Subject: SW - Textbox

Page Label: [5] 5 DRY UTILITY PLAN

Author: Mikayla Hartford Date: 6/21/2023 3:56:34 PM

Status: Color: ■ Layer: Space: The swales in Basin areas E and M require underdrains per the drainage report. Show the underdrains and their tie into the storm sewer.



Subject: SW - Textbox

Page Label: [1] 22 DETENTION POND PLAN

Author: Mikayla Hartford Date: 6/21/2023 5:03:29 PM

Status: Color: ■ Layer: Space: Assign a name/number to all PBMPs and then update all submitted text and drawings accordingly with consistent labeling throughout (example:

"Pond A" or "Pond 1").



Subject: SW - Textbox

Page Label: [2] 23 DETENTION POND DETAILS

Author: Mikayla Hartford Date: 6/21/2023 5:29:29 PM

Status: Color: ■ Layer: Space: Typical comment - ensure all dimensions match the detention spreadsheet in the drainage report.

#### SW - Textbox with Arrow (9)



Subject: SW - Textbox with Arrow

Page Label: [1] 22 DETENTION POND PLAN

Author: Mikayla Hartford Date: 6/21/2023 5:05:22 PM

Status: Color: ■ Layer: Space: Per MHFD requirements, retaining walls are only allowable around 50% of the pond or less. Update design to reduce the use of retaining wall.



Subject: SW - Textbox with Arrow

Page Label: [1] 22 DETENTION POND PLAN

Author: Mikayla Hartford Date: 6/21/2023 5:12:20 PM

Status: Color: ■ Layer: Space: provide dimension



Subject: SW - Textbox with Arrow

Page Label: [2] 23 DETENTION POND DETAILS

Author: Mikayla Hartford Date: 6/21/2023 5:18:23 PM

Status: Color: ■ Layer: Space: Provide dimension - can't verify the exist height because there is overlap.

Subject: SW - Textbox with Arrow

Page Label: [1] 22 DETENTION POND PLAN

Author: Mikayla Hartford Date: 6/21/2023 5:19:21 PM

Status: Color: ■ Layer: Space: Provide Forebay details.



Subject: SW - Textbox with Arrow

Page Label: [2] 23 DETENTION POND DETAILS

Author: Mikayla Hartford Date: 6/21/2023 5:20:55 PM

Status: Color: ■ Layer: Space: Update elevation - does not match the rest of the elevations in range.



Subject: SW - Textbox with Arrow

Page Label: [1] 22 DETENTION POND PLAN

Author: Mikayla Hartford Date: 6/21/2023 5:30:35 PM

Status: Color: ■ Layer: Space: pond bottom should have a minimum slope of 3% toward the trickle channel and micropool. Please adjust to minimize future maintenance needs.



Subject: SW - Textbox with Arrow

Page Label: [1] 22 DETENTION POND PLAN

Author: Mikayla Hartford Date: 6/21/2023 5:31:08 PM

Status: Color: ■ Layer: Space: Consider having control joints every ~10ft.



Subject: SW - Textbox with Arrow Page Label: [3] 3 OVERALL SITE PLAN

Author: Mikayla Hartford Date: 6/21/2023 5:35:34 PM

Status: Color: ■ Layer: Space: Assign a name/number to all PBMPs and then update all submitted text and drawings accordingly with consistent labeling throughout (example:

"Pond A" or "Pond 1").



Subject: SW - Textbox with Arrow

Page Label: [31] 31 DETAILED GRADING PLAN

Author: Mikayla Hartford Date: 6/21/2023 5:40:37 PM

Status: Color: Layer: Space:

Show detail for filling in the erosion and incorporate the recommendations from the geotech report to the plans. Show current contours

of the 10-20' deep eroded channel.

#### Text Box (47)

Subject: Text Box Page Label: 2 Author: msustad

Date: 5/8/2023 6:08:54 PM

Status: Color: Layer:

Note: See Roadway CD's for public roadway sheets.

Space:

NA

Subject: Text Box Page Label: 3 Author: msustad

Date: 5/8/2023 6:14:58 PM

Status: Color: Layer: Space:

NA

NA

Subject: Text Box Page Label: 3 Author: msustad

Date: 5/8/2023 6:15:43 PM

Status: Color: Layer: Space:

NA

NA

Subject: Text Box Page Label: 2 Author: msustad

Date: 5/8/2023 6:23:03 PM

Status: Color: Layer: Space:

NA

Subject: Text Box Page Label: 2 Author: msustad

Date: 5/8/2023 6:25:47 PM

Status: Color: Layer: Space:

NA

Subject: Text Box Add "PCD File No. SF2318" Page Label: [1] 1 COVER Author: Carlos Date: 6/20/2023 4:00:17 PM Status: Color: Layer: Space: Subject: Text Box Provide legend for linetypes used Page Label: [2] 2 NOTES Author: Carlos Date: 6/20/2023 4:00:30 PM Status: Color: Layer: Space: Subject: Text Box Include a legend for all the utility lines and Page Label: [5] 5 DRY UTILITY PLAN infrastructure. Author: Carlos Date: 6/20/2023 4:00:43 PM Status: Color: Layer: Space: Subject: Text Box Label road and show right-of-way lines Page Label: [6] 6 BYPASS STORM LINE PLAN & PROFILE Author: Carlos Date: 6/19/2023 1:18:19 PM Status: Color: Layer: Space: Subject: Text Box Show and label contours. Page Label: [6] 6 BYPASS STORM LINE PLAN & PROFILE Author: Carlos

Date: 6/19/2023 3:11:26 PM

Status: Color: Layer: Space:



Subject: Text Box

Page Label: [1] 1 COVER SHEET

Author: dsdlaforce

Date: 6/19/2023 3:38:17 PM

Status: Color: Layer: Space:

Upload the Roadway Plans as a separate item on the eDARP submittal matrix.

The civil site design will be approved with the site plan application. However these offsite improvements to the public streets will need to be approved with the final plat application.

Staff's recommendation is to remove the Site specific civil plan set from the SF2318 final plat application and submit it with the site plan

application (PPR2320).



Page Label: [1] 1 COVER SHEET

Author: dsdlaforce

Date: 6/19/2023 3:30:30 PM

Status: Color: Layer: Space: Add PCD File No SF2318

Subject: Text Box

Page Label: [8] 8 BYPASS STORM LINE PLAN & PROFILE

Author: Carlos

Date: 6/19/2023 3:34:59 PM

Status: Color: Layer: Space: Label roadway and show ROW lines

Set CERT DI BESTIGNI THE STRUCK T

Subject: Text Box

Page Label: [2] 2 M&S STANDARD PLANS LIST

Author: dsdlaforce

Date: 6/19/2023 3:36:14 PM

Status: Color: Layer: Space: Markup any detailed being used/referenced with the project.

Remove this sheet if no CDOT M&S details is

being referenced.

Label right-of-way distance.

Subject: Text Box

Page Label: [5] 5 TYPICAL SECTIONS

Author: Carlos

Date: 6/19/2023 3:46:50 PM

Status: Color: Layer: Space: Label right-of-way distance.



Subject: Text Box

Page Label: [1] 1 COVER SHEET

Author: dsdlaforce

Date: 6/19/2023 3:50:05 PM

Status: Color: Layer: Space: Upload the Utility Plans as a separate item on the eDARP submittal matrix.

Staff's recommendation is to remove the Site specific improvements from the SF2318 final plat application and submit it with the site plan

application (PPR2320).



Page Label: [3] 3 GENERAL NOTES

Author: dsdlaforce

Date: 6/19/2023 3:56:49 PM

Status: Color: Layer: Space: Add the County Standard Signage & Striping Notes

#### Signing and Striping Notes:

- 1.All signs and pavement markings shall be in compliance with the current Manual on Uniform Traffic Control Devices (MUTCD).
- 2.Removal of existing pavement markings shall be accomplished by a method that does not materially damage the pavement. The pavement markings shall be removed to the extent that they will not be visible under day or night conditions. At no time will it be acceptable to paint over existing pavement markings.
- 3. Any deviation from the striping and signing plan shall be approved by El Paso County Planning and Community Development.
- 4.All signs shown on the signing and striping plan shall be new signs. Existing signs may remain or be reused if they meet current El Paso County and MUTCD standards.
- 5.Street name and regulatory stop signs shall be on the same post at intersections.
- 6.All removed signs shall be disposed of in a proper manner by the contractor.
- 7.All street name signs shall have "D" series letters, with local roadway signs being 4" upper-lower case lettering on 8" blank and non-local roadway signs being 6" lettering, upper-lower case on 12" blank, with a white border that is not recessed. Multi-lane roadways with speed limits of 35 mph or higher shall have 8" upper-lower case lettering on 12" blank with a white border that is not recessed. The width of the non-recessed white borders shall match page 255 of the 2012 MUTCD "Standard Highway Signs". Signal pole mounted and overhead street name signs shall be per MUTCD size standards. 8.All traffic signs shall have a minimum High Intensity Prismatic grade sheeting.
- 9.All local residential street signs shall be mounted on a 1.75" x 1.75" square tube sign post and stub post base. For other applications, refer to the CDOT Standard S-614-8 regarding use of the P2 tubular steel post slipbase design.
- 10.All signs shall be single sheet aluminum with 0.100" minimum thickness.
- 11.All limit lines/stop lines, crosswalk lines, pavement legends, and arrows shall be a minimum 125 mil thickness preformed thermoplastic pavement markings with tapered leading edges per CDOT Standard S-627-1. Stop bars shall be 24" in width. Crosswalks lines shall be 24" wide and a minimum of 9' long.
- 12. Word and symbol markings shall be the narrow type.
- 13.All longitudinal lines shall be a minimum 15mil thickness epoxy paint. All non-local residential roadways shall include both right and left edge line striping and any additional striping as required by CDOT S-627-1.
- 14. The contractor shall notify El Paso County Planning and Community Development (719) 520-6819 prior to and upon completion of signing and striping.
- 15. The contractor shall obtain a work in the right of way permit from the El Paso County Department of Public Works (DPW) prior to any signage or striping work within an existing El Paso County roadway.



Page Label: [3] 3 GENERAL NOTES

Author: dsdlaforce

Date: 6/19/2023 3:56:46 PM

Status: Color: Layer: Space: Add the County Standard Construction Drawing Notes.

Standard Notes for El Paso County Construction Plans

- 1.All drainage and roadway construction shall meet the standards and specifications of the City of Colorado Springs/El Paso County Drainage Criteria Manual, Volumes 1 and 2, and the El Paso County Engineering Criteria Manual.
- 2.Contractor shall be responsible for the notification and field notification of all existing utilities, whether shown on the plans or not, before beginning construction. Location of existing utilities shall be verified by the contractor prior to construction. Call 811 to contact the Utility Notification Center of Colorado (UNCC).
- 3. Contractor shall keep a copy of these approved plans, the Grading and Erosion Control Plan, the Stormwater Management Plan (SWMP), the soils and geotechnical report, and the appropriate design and construction standards and specifications at the job site at all times, including the following:
- a.El Paso County Engineering Criteria Manual (ECM)
- b.City of Colorado Springs/El Paso County Drainage Criteria Manual, Volumes 1 and 2 c.Colorado Department of Transportation (CDOT) Standard Specifications for Road and Bridge Construction
- d.CDOT M & S Standards
- 4.Notwithstanding anything depicted in these plans in words or graphic representation, all design and construction related to roads, storm drainage and erosion control shall conform to the standards and requirements of the most recent version of the relevant adopted El Paso County standards, including the Land Development Code, the Engineering Criteria Manual, the Drainage Criteria Manual Volume 2. Any deviations from regulations and standards must be requested, and approved, in writing. Any modifications necessary to meet criteria after-the-fact will be entirely the developer's responsibility to rectify.
- 5.It is the design engineer's responsibility to accurately show existing conditions, both onsite and offsite, on the construction plans. Any modifications necessary due to conflicts, omissions, or changed conditions will be entirely the developer's responsibility to rectify.
- 6.Contractor shall schedule a pre-construction meeting with El Paso County Planning and Community Development (PCD) Inspections, prior to starting construction.
- 7.It is the contractor's responsibility to understand the requirements of all jurisdictional agencies and to obtain all required permits, including but not limited to El Paso County Erosion and Stormwater Quality Control Permit (ESQCP), Regional Building Floodplain Development Permit, U.S. Army Corps of Engineers-issued 401 and/or 404 permits, and county and state fugitive dust permits.

Subject: Text Box provide a cross section from 20+31 to 28+00 Page Label: [5] 5 TYPICAL SECTIONS Author: dsdlaforce Date: 6/19/2023 4:28:55 PM Evergreen Status: Color: Layer: Space: Subject: Text Box Show and label property and right-of-way lines Page Label: [9] 9 REMOVAL PLAN Author: Carlos Date: 6/19/2023 4:37:11 PM Status: Color: Layer: Space: Subject: Text Box provide a detailed spot grading with slope tags for Page Label: [13] 13 GRINNELL BLVD PLAN & PROFILE all proposed pedestrian ramps. Example from other projects Author: dsdlaforce Date: 6/19/2023 4:55:38 PM Status: Color: Layer: Space: Subject: Text Box See comment on sheet 22 and update the cross Page Label: [24] 24 GRINNELL BLVD CROSS SECTIONS sections. Author: dsdlaforce Date: 6/20/2023 10:23:07 AM Status: Color: Layer: Space: Subject: Text Box See comment on sheet 22 and update the cross Page Label: [25] 25 GRINNELL BLVD CROSS SECTIONS sections. Author: dsdlaforce Date: 6/20/2023 10:24:03 AM Status: Color: Layer: Space: Subject: Text Box provide signal for pedestrian crossing (pedestrian Page Label: [30] 30 TRAFFIC SIGNAL PLAN head, push button, pedestal, etc) Author: dsdlaforce Date: 6/20/2023 11:11:49 AM

> Status: Color: Layer: Space:



Page Label: [30] 30 TRAFFIC SIGNAL PLAN

Author: dsdlaforce

Date: 6/20/2023 11:23:38 AM

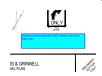
Status: Color: Layer: Space:

Add Note that

1. Proposed controller to be a McCain 2070 Flex ATC controller w/ rack mount, C1 connector, and

Omni Software.

2. Proposed Controller Cabinet shall be a McCain 350i ATC w/ Battery Backup and Auxiliary Rack.



Subject: Text Box

Page Label: [30] 30 TRAFFIC SIGNAL PLAN

Author: dsdlaforce

Date: 6/20/2023 11:25:32 AM

Status: Color: Layer:

Reference all the applicable CDOT details used for the signal plan.

Space:

Subject: Text Box

Page Label: [1] 1 COVER SHEET

Author: dsdlaforce

Date: 6/20/2023 12:50:01 PM

Status: Color: Layer: Space:

Add PCD File No SF2318



Subject: Text Box

Page Label: [1] 1 COVER SHEET

Author: dsdlaforce

Date: 6/20/2023 12:51:33 PM

Status: Color: Layer: Space:

Add the El Paso County standard signature blocks for the developer/owner statement, design engineer statement, and county engineer.



Subject: Text Box

Page Label: [2] 2 GENERAL NOTES

Author: dsdlaforce

Date: 6/20/2023 12:52:10 PM

Status: Color: Layer: Space:

Add the county standard construction notes



Subject: Text Box Page Label: [2] 2 NOTES Author: dsdlaforce

Date: 6/20/2023 12:57:25 PM

Status: Color: Layer: Space:

Add the EPC Construction plans notes.



Page Label: [30] 30 TRAFFIC SIGNAL PLAN

Author: Carlos

Date: 6/20/2023 2:16:48 PM

Status: Color: Layer: Space: Show pedestrian crosswalk striping



Subject: Text Box

Page Label: [1] 22 DETENTION POND PLAN

Author: dsdlaforce

Date: 6/20/2023 2:43:17 PM

Status: Color: Layer: Space: Per MHFD retaining should be no more than 50 percent of the pond perimeter. Coordinate with the Stormwater team with regards to this criteria.



Subject: Text Box

Page Label: [1] 22 DETENTION POND PLAN

Author: dsdlaforce

Date: 6/20/2023 2:47:17 PM

Status: Color: Layer: Space: For this project staff recommends you discuss the viability of an underground detention facility with the Stormwater Engineer given the height of the retaining walls on the pond.



Subject: Text Box

Page Label: [1] PAVING PLAN

Author: Carlos

Date: 6/20/2023 2:52:07 PM

Status: Color: Layer: Space: Label roadways



Subject: Text Box

Page Label: [57] 57 DETAILED GRADING PLAN

Author: Carlos

Date: 6/20/2023 3:00:34 PM

Status: Color: Layer: Space: Show retaining wall elevations



Subject: Text Box

Page Label: [57] 57 DETAILED GRADING PLAN

Author: Carlos

Date: 6/20/2023 4:34:18 PM

Status: Color: Layer: Space: - Add a note stating that retaining walls over 4 feet in height require a building permit and structural

engineering plans.

Subject: Text Box Provide section detail names to avoid confusion Page Label: [2] 23 DETENTION POND DETAILS Author: Carlos Date: 6/20/2023 5:09:57 PM Status: Color: Layer: Space: Subject: Text Box See comment on sheet 25. It seems you can Page Label: [40] 40 DETAILED GRADING PLAN adjust the grade in the property to 4:1 or 3:1 Author: dsdlaforce Date: 6/20/2023 4:04:27 PM Status: Color: Layer: Space: Subject: Text Box Final drainage report shows a 25' spillway length. Page Label: [1] 22 DETENTION POND PLAN Please revise detail. Author: Carlos Date: 6/20/2023 4:48:17 PM Status: Color: Layer: Space: Subject: Text Box See roadway comments regarding adding Page Label: [60] 60 SIGNAGE & STRIPING PLAN acceleration lane lines. Author: Carlos Date: 6/20/2023 4:59:09 PM Status: Color: Layer: Space:

Subject: Text Box

Page Label: [4] 4 OVERALL UTILITY PLAN

Author: dsdlaforce

Date: 6/20/2023 5:31:35 PM

Status: Color: Layer: Space:

Identify stormline as public or private.

31 CORRER OF SAID SECTION 2; 37, A DISTANCE OF 1,234.30 FEET 10 the Southeast commen of the s-

Page Label: [1] 1 COVER Author: Kishia

Subject: Text Box

Date: 6/21/2023 3:18:11 PM

Status: Color: Layer: Space:

Copy and Paste

N B-B OVERFLOW SPILL

Subject: Text Box

Page Label: [1] 22 DETENTION POND PLAN

Provide profile view of spillway

Author: CDurham

Date: 6/22/2023 5:06:44 PM

Status: Color: Layer: Space: Provide profile view of spillway

Subject: Text Box

Page Label: [1] 22 DETENTION POND PLAN

Author: CDurham

Date: 6/26/2023 9:06:04 AM

Status: Color: Layer: Space: Sections B-B and C-C need to be labeled in plan

view.

nclude what the existing ign is
EX SIGN (TO REMAIN)

Subject: Text Box

Page Label: [27] 27 SIGNAGE & STRIPING PLAN

Author: CDurham

Date: 6/26/2023 9:47:12 AM

Status: Color: Layer: Space: Include what the existing sign is

Subject: Text Box

Page Label: [25] 25 DETAILED GRADING PLAN

Author: Christina Prete Date: 6/26/2023 2:35:10 PM

Status: Color: ■ Layer: Space: show existing and proposed stormwater flow

direction arrows (typ.)



Subject: Text Box

Page Label: [5] 5 DRY UTILITY PLAN

Author: Christina Prete Date: 6/26/2023 2:48:58 PM

Status: Color: ■ Layer: Space: Label all swales and provide detailed cross section. include Sod and Permanent Irrigation requirements in accordance with Drainage Report

Calculations.