

MATCHLINE
(SEE SHEET 8)

MATCHLINE
(SEE SHEET 5)

- TSB

TEMPORARY SEDIMENT BASIN

SR

SURFACE ROUGHENING

SF

SILT FENCE

SBB

STRAW BALE SEDIMENT BARRIER

VTC

VEHICLE TRACKING CONTROL

CD

CHECK DAM
- 6600

EXISTING GROUND CONTOUR

6600

PROPOSED FINISHED CONTOUR

→

FLOW DIRECTION

→

EXISTING FLOW

— X —

SILT FENCE

|||||

STRAW BALES

FILING BOUNDARY
- H.P.

HIGH POINT

L.P.

LOW POINT

"A"

A LOT

"B"

B LOT

"W/O"

WALKOUT LOT

"T"

TRANSITION LOT

"G"

GARDEN LOT

CUT/FILL LINE

LIMITS OF CONST. AND DISTURBANCE

48 HOURS BEFORE YOU DIG,
CALL UTILITY LOCATORS
811
UTILITY NOTIFICATION CENTER OF COLORADO
IT'S THE LAW

THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE CAUSED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.

NO.	REVISION	DATE
1	REVISED PER COUNTY COMMENTS	7-25-16
2	REVISED PER COUNTY COMMENTS	9-8-16
3	UPDATE GRADING PLAN PER FILING 1 DESIGN	12-12-17
4	REVISED PER COUNTY COMMENTS	3-16-18
5	REVISED PER COUNTY COMMENTS	7-10-18
6	REVISED GEC FOR CLUBHOUSE SITE PER PPR-20-043	1-20-21

REVIEW:

PREPARED UNDER MY DIRECT SUPERVISION FOR AND ON BEHALF OF
CLASSIC CONSULTING ENGINEERS AND SURVEYORS, LLC

MARC A. WHORSTON, LICENSED PROFESSIONAL ENGINEER, #37155

4/21/2021

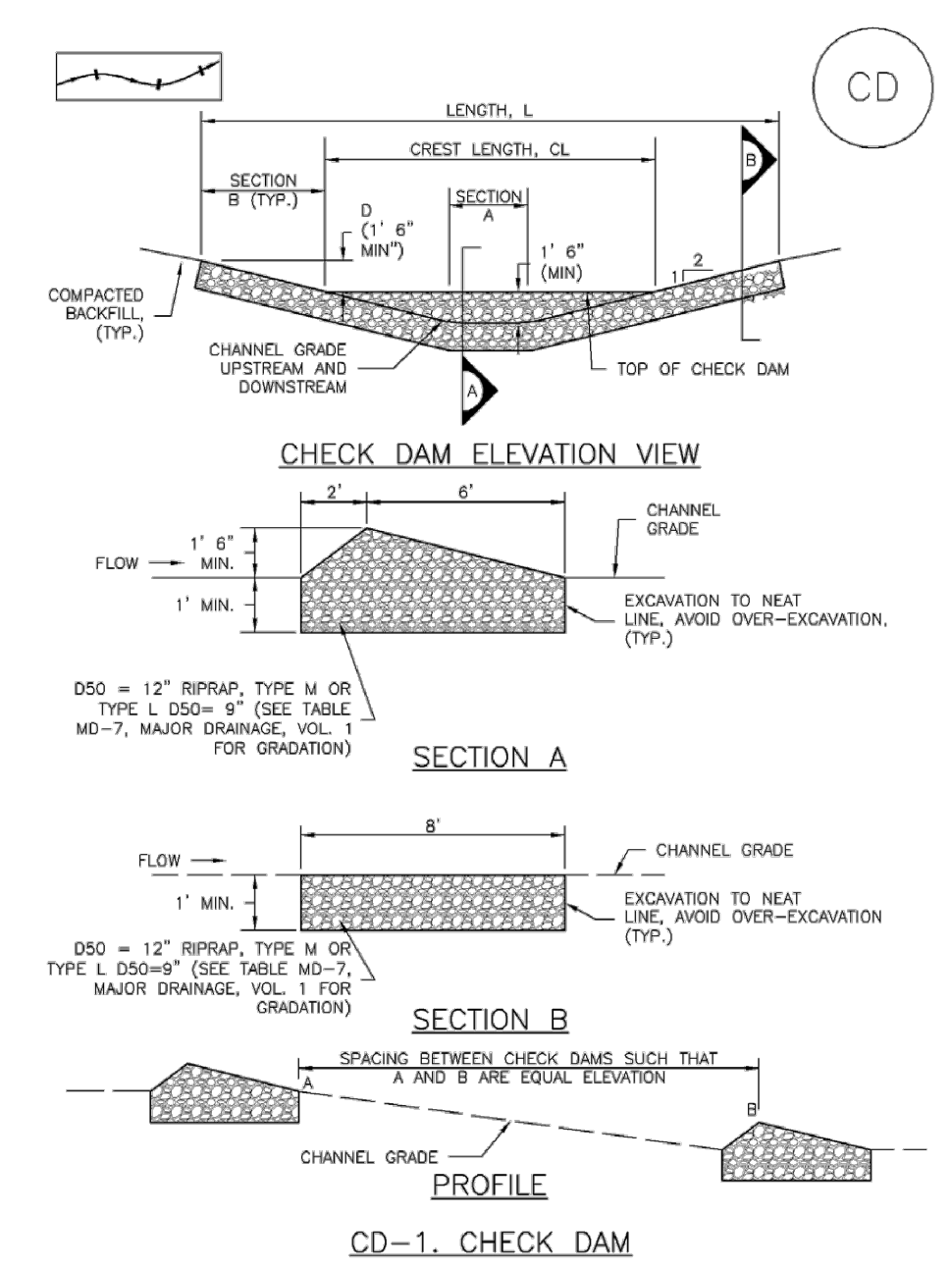
DATE



FLYING HORSE NORTH FILING NO. 1
GRADING AND EROSION CONTROL PLAN
TEMPORARY CLUBHOUSE SITE/EVENT LAWN

DESIGNED BY	MAW	SCALE	DATE	12/12/17
DRAWN BY	MAW	(H) 1" = 100'	SHEET	6 OF 10
CHECKED BY		(V) 1" = N/A	JOB NO.	1096.11

Check Dams (CD) EC-12



November 2010 Urban Drainage and Flood Control District
Urban Storm Drainage Criteria Manual Volume 3 CD-3

EC-12 Check Dams (CD)

- CHECK DAM INSTALLATION NOTES**
- SEE PLAN VIEW FOR:
 - LOCATION OF CHECK DAMS.
 - CHECK DAM TYPE (CHECK DAM OR REINFORCED CHECK DAM).
 - LENGTH (L), CREST LENGTH (CL), AND DEPTH (D).
 - CHECK DAMS INDICATED ON INITIAL SWMP SHALL BE INSTALLED AFTER CONSTRUCTION FENCE, BUT PRIOR TO ANY UPSTREAM LAND DISTURBING ACTIVITIES.
 - RIPRAP UTILIZED FOR CHECK DAMS SHOULD BE OF APPROPRIATE SIZE FOR THE APPLICATION. TYPICAL TYPES OF RIPRAP USED FOR CHECK DAMS ARE TYPE M (D50 12") OR TYPE L (D50 9").
 - RIPRAP PAD SHALL BE TRENCHED INTO THE GROUND A MINIMUM OF 1'.
 - THE ENDS OF THE CHECK DAM SHALL BE A MINIMUM OF 1' 6" HIGHER THAN THE CENTER OF THE CHECK DAM.
- CHECK DAM MAINTENANCE NOTES**
- INSPECT BMPs EACH WORKDAY, AND MAINTAIN THEM IN EFFECTIVE OPERATING CONDITION. MAINTENANCE OF BMPs SHOULD BE PROACTIVE, NOT REACTIVE. INSPECT BMPs AS SOON AS POSSIBLE (AND ALWAYS WITHIN 24 HOURS) FOLLOWING A STORM THAT CAUSES SURFACE EROSION, AND PERFORM NECESSARY MAINTENANCE.
 - FREQUENT OBSERVATIONS AND MAINTENANCE ARE NECESSARY TO MAINTAIN BMPs IN EFFECTIVE OPERATING CONDITION. INSPECTIONS AND CORRECTIVE MEASURES SHOULD BE DOCUMENTED THOROUGHLY.
 - WHERE BMPs HAVE FAILED, REPAIR OR REPLACEMENT SHOULD BE INITIATED UPON DISCOVERY OF THE FAILURE.
 - SEDIMENT ACCUMULATED UPSTREAM OF THE CHECK DAMS SHALL BE REMOVED WHEN THE SEDIMENT DEPTH IS WITHIN 1/3 OF THE HEIGHT OF THE CREST.
 - CHECK DAMS ARE TO REMAIN IN PLACE UNTIL THE UPSTREAM DISTURBED AREA IS STABILIZED AND APPROVED BY THE LOCAL JURISDICTION.
 - WHEN CHECK DAMS ARE REMOVED, EXCAVATIONS SHALL BE FILLED WITH SUITABLE COMPACTED BACKFILL. DISTURBED AREA SHALL BE SEEDED AND MULCHED AND COVERED WITH GEOTEXTILE OR OTHERWISE STABILIZED IN A MANNER APPROVED BY THE LOCAL JURISDICTION.
- (DETAILS ADAPTED FROM DOUGLAS COUNTY, COLORADO, NOT AVAILABLE IN AUTOCAD)
- NOTE: MANY JURISDICTIONS HAVE BMP DETAILS THAT VARY FROM UDFCD STANDARD DETAILS. CORRELATE WITH LOCAL JURISDICTIONS AS TO WHICH DETAIL SHOULD BE USED WHEN DIFFERENCES ARE NOTED.

NOTE:
STORMWATER QUALITY FOR THIS SITE
HANDLED WITH POND 12 PER FLYING
HORSE NORTH FILING NO. 1 FINAL
DRAINAGE REPORT, APPROVED SEPT. 2018

CD-4 Urban Drainage and Flood Control District
Urban Storm Drainage Criteria Manual Volume 3 November 2010

TEMPORARY SEDIMENT BASIN SIZING TABLE				
Basin No.	Disturbed Area (acres)	Undeveloped (acres)	Developed (acres)	Sediment Basin Required Volume (ft ³)
	Sized @ 3600 ft ² /acre	*Sized @ 500 ft ² /acre*	*Sized @ 900 ft ² /acre*	
9	1.80	1.40	0.00	7180

REFERENCE URBAN DRAINAGE VOLUME 3 SEDIMENT BASIN DESIGN (SEE SHEET 14 FOR DETAIL)

PCD FILE NO. PPR-20-043