

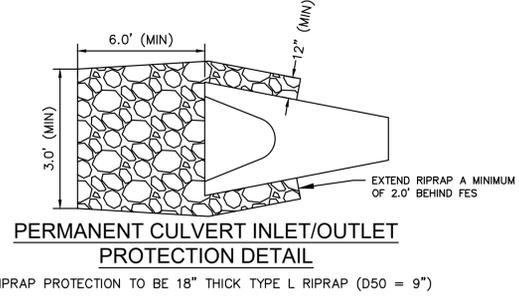
LEGEND

- BFE: XXXX --- PROPERTY LINE
- BASE FLOOD ELEVATION
- W --- WATER LINE
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- COM --- UNDERGROUND COMM. LINE
- X --- EXISTING FENCE
- (SS) STREET SWEEPING (INTERIM)
- (ST) SLOPE TRACKING (INTERIM)
- (CD) CHECK DAM (INTERIM/FINAL)
- (CP) INLET PROTECTION (INTERIM)
- (C) CUT AREA
- (F) FILL AREA
- GRAVEL ROAD (FINAL)
- PAVED ROAD (FINAL)
- SEED & MULCH (FINAL)
- PROPOSED GRADE SLOPE

- GENERAL NOTES**
- PLEASE REFER TO SD_2-11 ON SHEET C2.4 FOR THE DITCH/SWALE CROSS-SECTIONS.
 - CHECK DAMS ARE A TEMPORARY CONSTRUCTION CONTROL MEASURE AND ARE TO BE REMOVED AFTER FINAL STABILIZATION.

EXISTING SOIL TYPE

BLAKELAND LOAMY SAND: 7%
 BLAKELAND-FLUVAQUENTIC HAPLAQUOLLS: 40% OF SITE
 TRUCKTON LOAMY SAND: 53% OF SITE



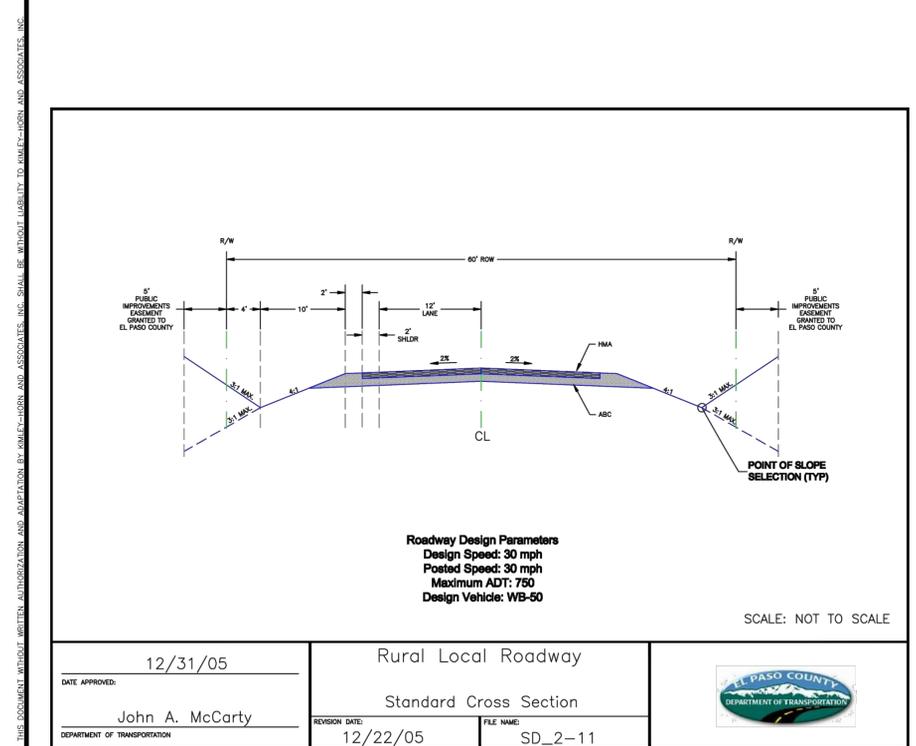
K:\COS_LA\196114000 - Peerless Farms\CAD\PlanSheets\CD_GEC.dwg - Hess, Mitchell 1/3/2024 9:53 AM

BY: DATE: APPR
NO.
Kimley-Horn
© 2024, KIMLEY-HORN AND ASSOCIATES, INC. 2 N Nevada Avenue, Suite 900 Colorado Springs, CO 80903 (719) 453-0180
DESIGNED BY: MOH DRAWN BY: JWM CHECKED BY: MOH DATE: 01/03/2024
PEERLESS FARMS EL PASO COUNTY, COLORADO & FINAL EROSION CONTROL PLAN CONSTRUCTION DOCUMENTS
INTERIM
PROJECT NO. 196114000
DRAWING NAME CD_GEC
C2.2

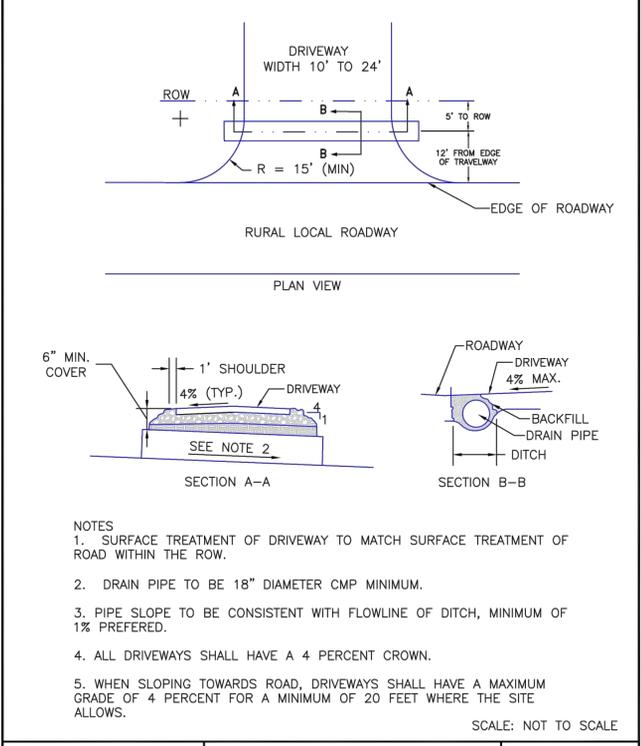
NORTH

GRAPHIC SCALE IN FEET
0 45 90 180

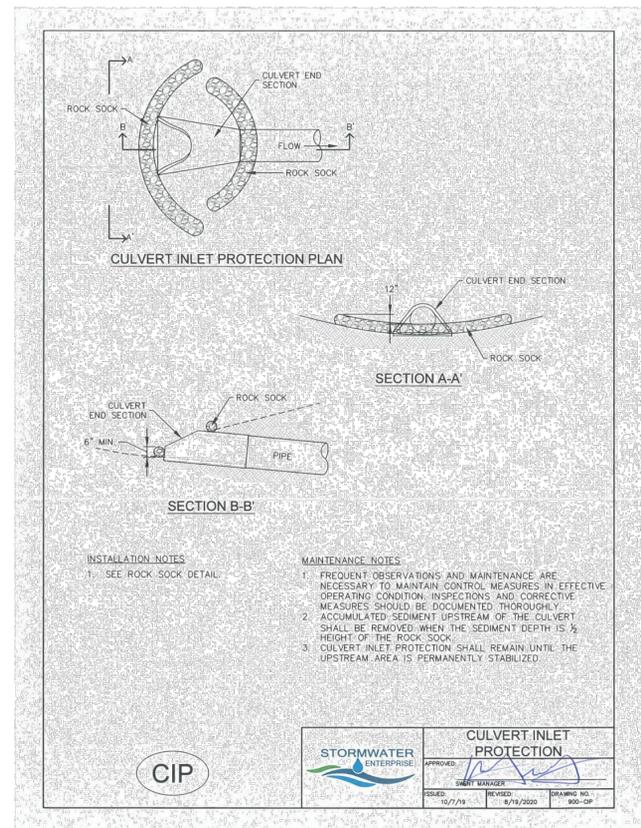
811 Know what's below.
Call before you dig.



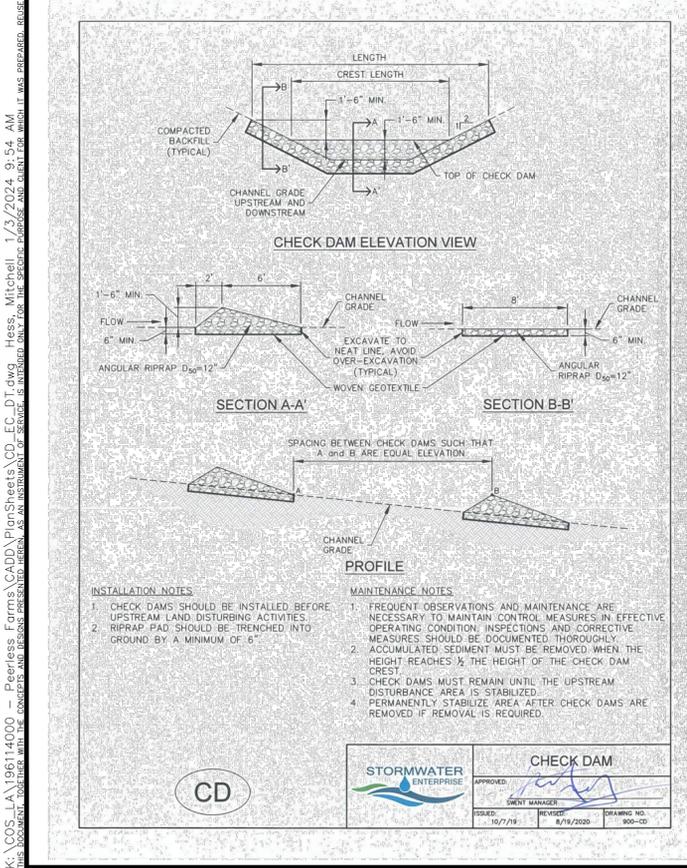
DATE APPROVED: 12/31/05	Rural Local Roadway	
APPROVED: John A. McCarty	REVISION DATE: 12/22/05	FILE NAME: SD_2-11
DEPARTMENT OF TRANSPORTATION	EL PASO COUNTY DEPARTMENT OF TRANSPORTATION	



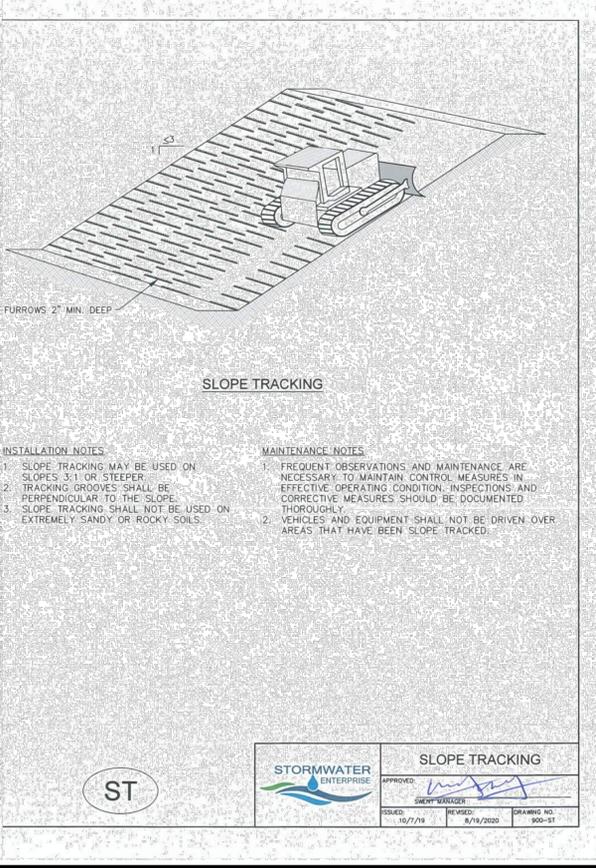
DATE APPROVED: 8/11/11	Driveway Access on Rural Local Roadway	
APPROVED: André P. Brackin	REVISION DATE: 12/8/15	FILE NAME: SD_3-14
DEPARTMENT OF TRANSPORTATION	EL PASO COUNTY DEPARTMENT OF TRANSPORTATION	



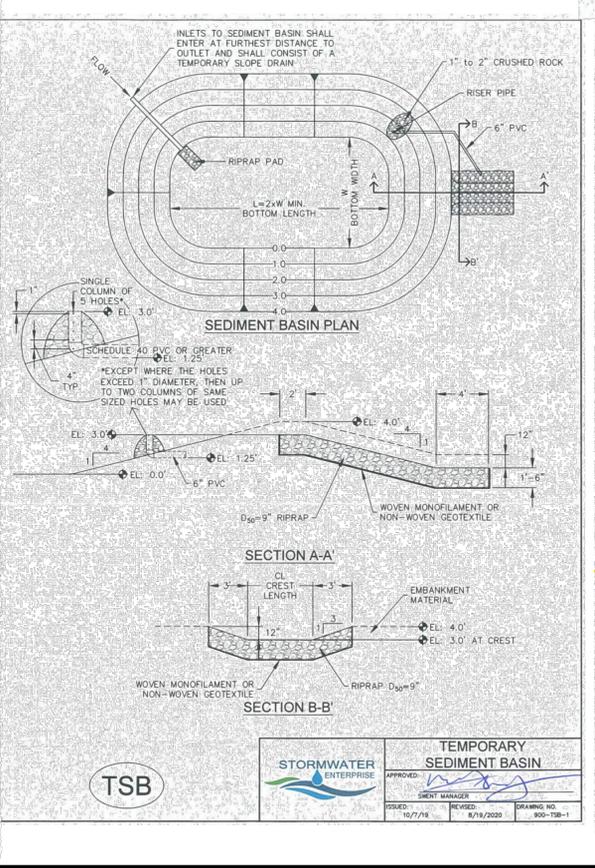
STORMWATER ENTERPRISE	APPROVED: [Signature]	CULVERT INLET PROTECTION
ISSUED: 10/7/19	REVISION: 8/19/2020	DRAWING NO. 900-108-0P



STORMWATER ENTERPRISE	APPROVED: [Signature]	CHECK DAM
ISSUED: 10/7/19	REVISION: 8/19/2020	DRAWING NO. 900-108-0D



STORMWATER ENTERPRISE	APPROVED: [Signature]	SLOPE TRACKING
ISSUED: 10/7/19	REVISION: 8/19/2020	DRAWING NO. 900-108-0E



STORMWATER ENTERPRISE	APPROVED: [Signature]	TEMPORARY SEDIMENT BASIN
ISSUED: 10/7/19	REVISION: 8/19/2020	DRAWING NO. 900-108-0F

TABLE SB-1. SIZING INFORMATION FOR STANDARD SEDIMENT BASIN

UPSTREAM DRAINAGE AREA (ROUNDED TO NEAREST ACRE), (AC)	Basin Bottom Width (W), (FT)	Spillway Crest Length (CL), (FT)	Hole Diameter (HD), (IN)
1	12 ^{5/8}	2	3/4
2	21	3	1 1/4
3	28	5	3/2
4	33 ^{1/2}	6	3/4
5	38 ^{5/8}	8	2 1/2
6	43	9	2 3/4
7	47 ^{1/2}	11	2 3/4
8	51	12	2 3/4
9	55	13	3
10	59 ^{1/2}	15	3 1/2
11	61	16	3 3/4
12	64	18	3 3/4
13	67 ^{1/2}	19	1 3/4
14	70 ^{5/8}	21	1 3/4
15	73 ^{3/4}	22	1 3/4

**V=0.94 AC-FT

INSTALLATION NOTES:
 1. FOR STANDARD BASIN, BOTTOM DIMENSION MAY BE MODIFIED AS LONG AS BOTTOM AREA IS NOT REDUCED.
 2. EMBANKMENT MATERIAL SHALL CONSIST OF SOIL FREE OF DEBRIS, ORGANIC MATERIAL, AND ROCKS OR CONCRETE GREATER THAN 3 INCHES, AND SHALL HAVE A MINIMUM OF 15 PERCENT BY WEIGHT PASSING THE No. 200 SIEVE.
 3. EMBANKMENT MATERIAL SHALL BE COMPACTED TO AT LEAST 95 PERCENT OF MAXIMUM DENSITY IN ACCORDANCE WITH ASTM D-698.
 4. PIPE SCHEDULE 40 OR GREATER SHALL BE USED.
 5. THE DETAILS SHOWN ON THESE SHEETS PERTAIN TO STANDARD SEDIMENT BASIN(S) FOR DRAINAGE AREAS LESS THAN 15 ACRES. SEE CONSTRUCTION DRAWINGS FOR EMBANKMENT, STORAGE VOLUME, SPILLWAY, OUTLET, AND OUTLET PROTECTION DETAILS FOR ANY SEDIMENT BASIN(S) THAT HAVE BEEN INDIVIDUALLY DESIGNED FOR DRAINAGE AREAS LARGER THAN 15 ACRES. DESIGN CALCULATIONS MUST BE APPROVED PRIOR TO IMPLEMENTATION.

MAINTENANCE NOTES:
 1. FREQUENT OBSERVATIONS AND MAINTENANCE ARE NECESSARY TO MAINTAIN CONTROL MEASURES IN EFFECTIVE OPERATING CONDITION. INSPECTIONS AND CORRECTIVE MEASURES SHOULD BE DOCUMENTED THOROUGHLY.
 2. SEDIMENT ACCUMULATED IN BASIN SHALL BE REMOVED AS NEEDED TO MAINTAIN CONTROL MEASURE EFFECTIVENESS, TYPICALLY WHEN SEDIMENT DEPTH REACHES ONE FOOT (IE, TWO FEET BELOW SPILLWAY CREST).
 3. SEDIMENT BASINS ARE TO REMAIN IN PLACE UNTIL THE UPSTREAM DISTURBED AREA IS PERMANENTLY STABILIZED.
 4. PERMANENTLY STABILIZE AREA AFTER SEDIMENT BASIN REMOVAL.

**EACH TSB HAS BEEN SIZED TO ACCOMMODATE 11 ACRES OF UPSTREAM DRAINAGE AREA

STORMWATER ENTERPRISE	APPROVED: [Signature]	TEMPORARY SEDIMENT BASIN
ISSUED: 10/7/19	REVISION: 8/19/2020	DRAWING NO. 900-108-0G

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NO.	BY	DATE	APPR

Kimley-Horn
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 214 Nevada Avenue, Suite 900
 Colorado Springs, CO 80903 (719) 453-0180

DESIGNED BY: MOH
 DRAWN BY: JWM
 CHECKED BY: MOH
 DATE: 01/03/2024

PEERLESS FARMS
 EL PASO COUNTY, COLORADO
 DETAILS
 CONSTRUCTION DOCUMENTS

PROJECT NO. 196114000
 DRAWING NAME CD_EC_DT
 C2.4

PROFESSIONAL ENGINEER
 53916
 01/03/2024

