

GENERAL DRAINAGE NOTES:

- 1. INDIVIDUAL BUILDERS SHALL PROVIDE POSITIVE DRAINAGE AWAY FROM STRUCTURES AND ACCOUNT FOR POTENTIAL CROSS-LOT DRAINAGE IMPACTS WITHIN EACH LOT.
- 2. BUILDERS AND PROPERTY OWNERS SHALL IMPLEMENT & MAINTAIN EROSION CONTROL BEST MANAGEMENT PRACTICES FOR PROTECTION OF DOWNSTREAM PROPERTIES AND FACILITIES INCLUDING PROTECTION OF EXISTING GRASS BUFFER STRIPS ALONG THE DOWNSTREAM PROPERTY BOUNDARIES.

ESTIMATED EARTHWORK QUANTITY:

UNCLASSIFIED EXCAVATION (TOTAL CUT) = 13,633 CY  
\* EMBANKMENT FILL = 9,011 CY  
NET (CUT) = 4,622 CY

\*(ASSUMES 15% COMPACTION FACTOR)

NOTE: THIS ESTIMATE IS PROVIDED FOR INFORMATION ONLY, REPRESENTING THE CALCULATED BULK EARTHWORK VOLUME NOT INCLUDING ANY ADJUSTMENTS FOR PAVEMENT DEPTHS. CONTRACTOR SHALL MAKE HIS OWN DETERMINATION OF EARTHWORK QUANTITIES AS BASIS FOR BID PRICING AND NOTIFY ENGINEER OF ANY DISCREPANCIES.

DRIVEWAY CULVERT TABLE		
LOT NO.	SIZE (DIA.)	MIN. SLOPE
1	18"	1.0%
2	18"	1.0%
3	18"	1.0%
4	18"	1.0%
5	18"	1.0%
6	18"	1.0%
7	18"	1.0%
8	18"	1.0%
9	18"	1.0%

Please refer to construction drawings for comments on the grading and erosion control plan. Please note a separate GEC plan is not required for submittal if it is included in the construction drawings.

KEYED NOTES:

- 1. CONTRACTOR MAY WASTE EXCESS CUT MATERIAL OR BORROW SUITABLE FILL MATERIAL FROM THIS AREA. MATCH INTO EXISTING GRADES WITH 3:1 MAX CUT AND FILL SLOPES AND MAINTAIN POSITIVE DRAINAGE IN ALL AREAS.

BMP PHASING

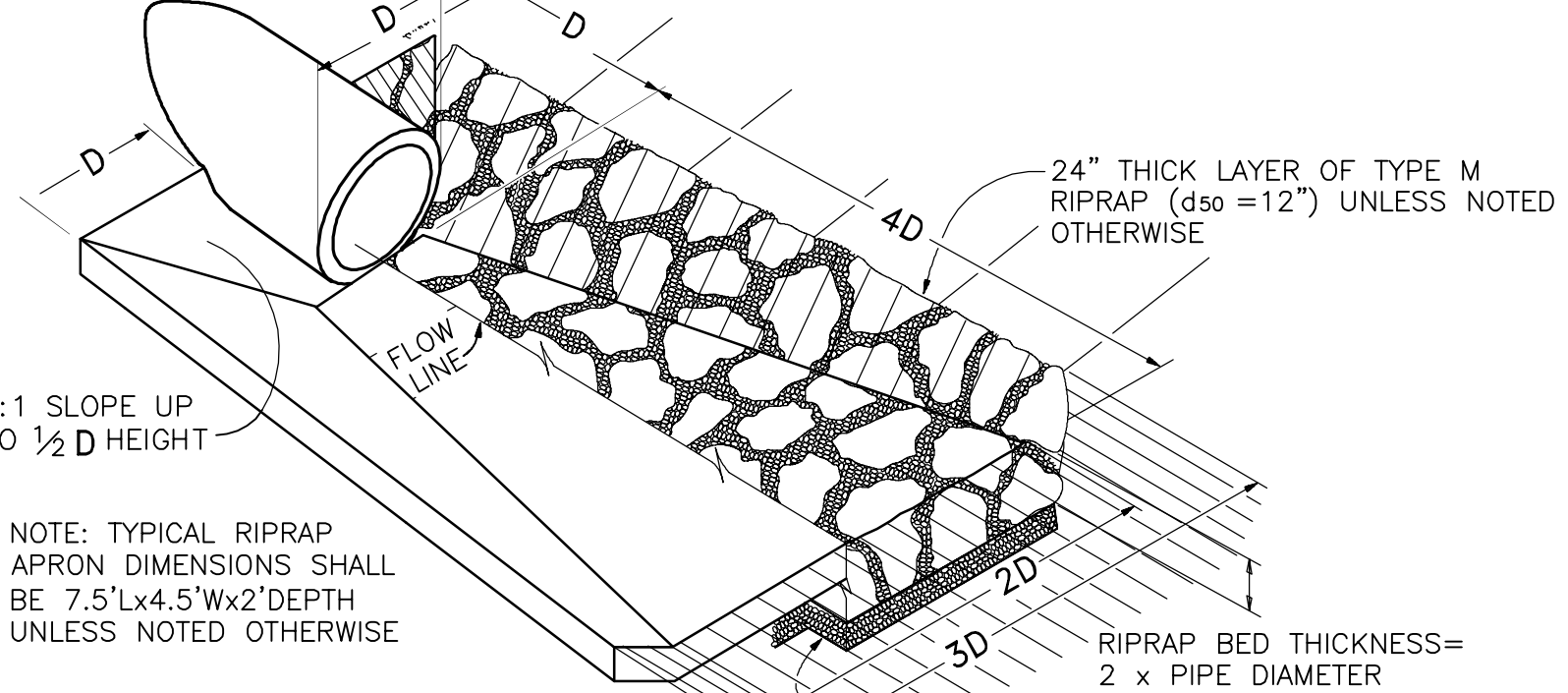
- INITIAL BMP'S
- INSTALL VTC
  - INSTALL SILT FENCE
- INTERIM BMP'S
- STRAW BALE CHECK DAMS
- FINAL BMP'S
- RIPRAP APRONS
  - SEEDING
  - DETENTION POND & RAIN GARDENS

BMP NOTES:

- 1. EXISTING VEGETATION CONSISTS OF NATIVE GRASSES
- 2. NO DEDICATED ASPHALT OR CONCRETE BATCH PLANTS ARE PLANNED ON SITE
- 3. CONTRACTOR SHALL UPDATE AND ANNOTATE THE SWMP MAPS TO SHOW THE LOCATION OF THE CONSTRUCTION TRAILER, STABILIZED STAGING AREA, CWA AND OTHER ITEMS AS THESE LOCATIONS ARE DETERMINED ON SITE.

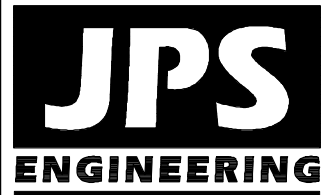
EROSION CONTROL:

- FILING LIMITS
- EXISTING CONTOUR
- PROPOSED CULVERT
- FLOW DIRECTION ARROW
- FLOWLINE
- RIPRAP (RR)
- SILT FENCE (SF)
- VEHICLE TRACKING PAD (VTC)
- STRAW BALE CHECK DAM (STB)
- SEDIMENT BASIN (SB)
- EXTENDED DETENTION BASIN (EDB)
- EROSION CONTROL BLANKET DITCH LINING (ECB) (NAG C350 OR EQUAL)



TYPICAL RIPRAP APRON/ CULVERT OUTLET PAVING

NOT TO SCALE



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CALL UTILITY NOTIFICATION  
CENTER OF COLORADO  
1-800-922-1987  
CALL 2-BUSINESS DAYS IN ADVANCE  
BEFORE YOU DIG, GRADE, OR EXCAVATE  
FOR THE MARKING OF UNDERGROUND  
MEMBER UTILITIES.

DATE	BY	REVISION
11/24/20	JPS	ADD RAIN GARDENS
12/8/20	JPS	REV. CUL-DE-SAC, KIOSK PULL OUT
12/28/20	JPS	REVISE MAIL KIOSK, UPDATE TOPO
1/31/21	JPS	REVISE MAIL KIOSK PULL OUT
6/11/21	JPS	EPC SUBMITTAL

GRADING & EROSION  
CONTROL PLAN

HORZ. SCALE: 1"=100'	DRAWN: MSP
VERT. SCALE: N/A	DESIGNED: JPS
SURVEYED: LWA	CHECKED: JPS
CREATED: 3/17/12	LAST MODIFIED: 6/10/21
PROJECT NO: 061003	MODIFIED BY: MSP
SHEET:	

C1