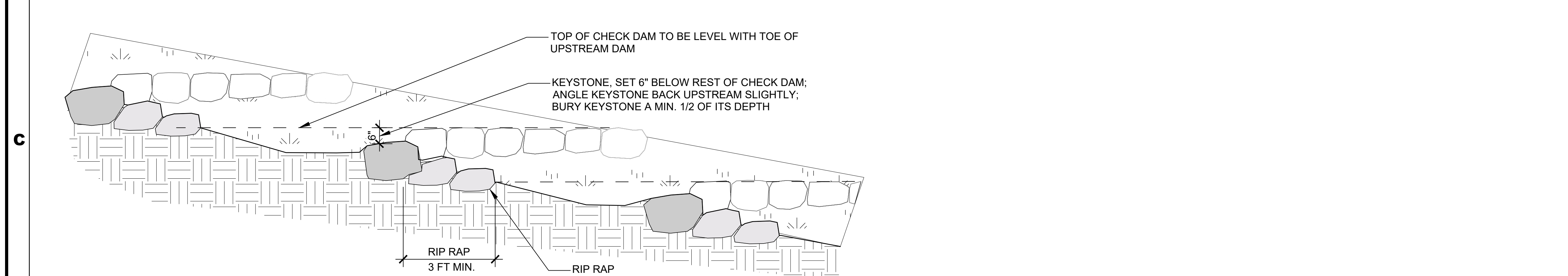
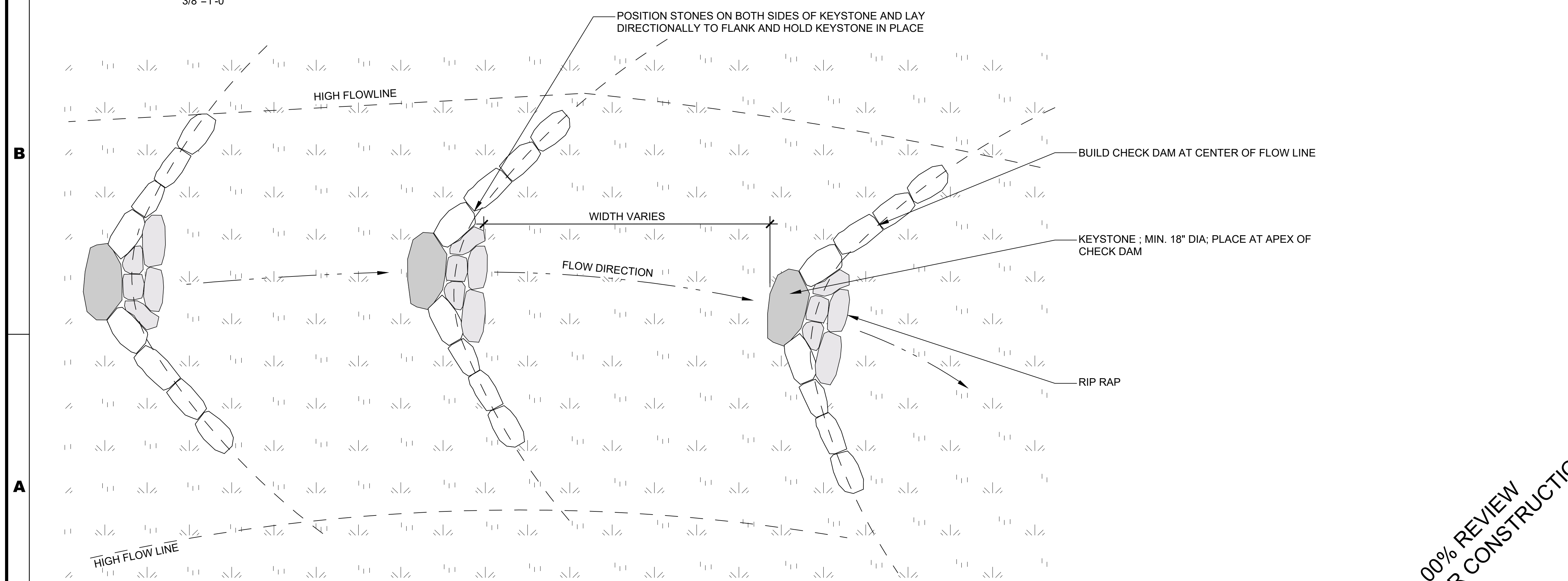


DAM ELEVATION
VIEWL C-XXXX
3/8"=1'-0"



DAM SECTION
VIEWL C-XXXX
3/8"=1'-0"



DAM PLAN
VIEWL C-XXXX
3/4"=1'-0"

GENERAL NOTES:

1. IF THIS SHEET IS NOT 24"x36" USE GRAPHIC SCALE ACCORDINGLY.

NOTES FOR DESIGNER:

(DO NOT INCLUDE ON CONSTRUCTION DRAWINGS)

DESIGN LIMITATIONS:

1. TO BE USED WHEN DETAINED WATER HEIGHT IS 18" OR LESS.
2. LONGITUDINAL SLOPE OF CHANNEL SHOULD BE LESS THAN 8%.

SITING CRITERIA:

1. SHOULD BE INSTALLED AS A SERIES OF CHECK DAMS.
2. EFFECTIVE IN SHALLOW, LOW FLOW CONVEYANCES.

DESIGN CRITERIA:

1. CHECK DAM HEIGHT AND WIDTH TO BE DESIGNED FOR SPECIFIC LOCATION.
2. MOST EFFECTIVE WHEN REGULARLY SPACED.
3. INTEGRATE WITH VEGETATED SWALES IF POSSIBLE.
4. VEGETATION SHOULD BE PLACED AWAY FROM CHECK DAM STRUCTURE AND BE ABLE TO WITHSTAND A PERIODIC INUNDATION.

CONSTRUCTION CRITERIA:

1. SOILS IN BOTTOM OF SWALE SHOULD NOT BE OVER- COMPACTED TO PROMOTE INFILTRATION.
2. IDENTIFY APPROPRIATE MATERIALS AND HOLD POINTS FOR INSPECTION AND APPROVAL DURING CONSTRUCTION.
3. PROVIDE ACCESS FOR MAINTENANCE.

		REVISIONS PER [DCF] [DRN] [FCR]							
0		INITIAL ISSUE FOR [DCF-XYZ]							
NO	DATE	CLASS REV	DC	DESCRIPTION	DWN	DSGN	CHKD	SUB	APP

ENGINEERING STANDARDS										
CIVIL LOW IMPACT DEVELOPMENT ONE-ROCK CHECK DAM					DRAWN	E. ATENCIO				
					DESIGN	T. LEMKE				
TA-XX SUBMITTED DISCIPLINE POC: JOHN O'BRIEN					CHECKED	S. RAEI				
					DATE	02-10-20				
BLDG XXXX APPROVED FOR RELEASE STANDARDS MANAGER: TOBIN ORUCH					SHEET 1 OF 16					
Los Alamos NATIONAL LABORATORY PO Box 1663 Los Alamos, New Mexico 87545					PROJECT ID: CHAPTER 3 DRAWING NO: ST-G20GEN-1.6 REV: 0					

00% REVIEW
NOT FOR CONSTRUCTION