

1. REINFORCED FILL TO CONSIST OF FREE-DRAINING SELECT GRANULAR FILL. FILL NOT SHOWN FOR CLARITY.
2. PLACE AND COMPACT MODERATELY LOW PERMEABILITY SOIL ABOVE WALL TO LIMIT INFILTRATION.
3. REQUIRES INSTALLATION OF CONCRETE GUTTER OUTLETS AT LOW POINTS. FOR WALLS WITH 1H:1V CUT SLOPES ABOVE, DRAINAGE SWALE OVERSIZED TO MITIGATE ROCK FALL HAZARD.
4. EXTEND UPPER TWO LAYERS OF REINFORCEMENT 5 FT FOR WALLS WITH COMPETENT BACKSLOPE AND SHORT MSE REINFORCEMENTS BEYOND CUT SLOPE TO LIMIT POTENTIAL FOR TENSION CRACK DEVELOPMENT.
5. ALL TIMBER FACING FOR WALL FACING SHALL BE OBTAINED FROM THE EXISTING HISTORIC TIMBER CRIB WALL ON SH67. SELECTED TIMBER FOR REUSE ON THIS WALL SHALL BE FREE FROM ROT, MAJOR CRACKING OR DETERIORATION.
6. COMPETENT BEDROCK SHALL BE DETERMINED BY THE ENGINEER.
7. ALL FACING UNITS SHALL BE GALVANIZED PER ASTM A123.
8. BX1120 FACE BACKING (24" MINIMUM WIDTH) IS REQUIRED FOR AASHTO M43 NO. 3 FACE STONE (1" TO 2").
9. COUNTERSPIKES:
EACH TRANSVERSE TIMBER FACING UNIT SHOULD HAVE ONE SPIKE THROUGH THE ADJACENT LONGITUDINAL MEMBER. EACH LONGITUDINAL TIMBER FACING UNIT SHOULD HAVE TWO ADDITIONAL SPIKES TO THE ADJACENT LONGITUDINAL FACING UNITS. PREDRILL HOLES FOR DRIVE SPIKES
10. THIS ENTIRE DRAWING HAS BEEN REVISED


REINFORCEMENT LENGTH AND TYPE TABLE

INCOMPETENT ROCK			
WALL HEIGHT (H)	REINFORCEMENT TYPE (LAYER #)	MINIMUM EMBEDMENT DEPTH (D)	MINIMUM REINFORCEMENT LENGTH (L)
0-10 FT	UX1100MSE (ALL)	1 FT	14.5 FT
11-15 FT	UX1100MSE (ALL)	2 FT	13.5 FT
16-20 FT	UX1400MSE (1-6) UX1100MSE (7-TOP)	3 FT	17.5 FT



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CLIENT	CRIPPLE CREEK & VICTOR GOLD MINING COMPANY			
PROJECT	SQUAW GULCH VLF			
TITLE	TIMBER WALL SECTIONS AND DETAILS SHEET 2 OF 3			
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	DRAWN BY	CMT	APPROVED BY	JNM
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