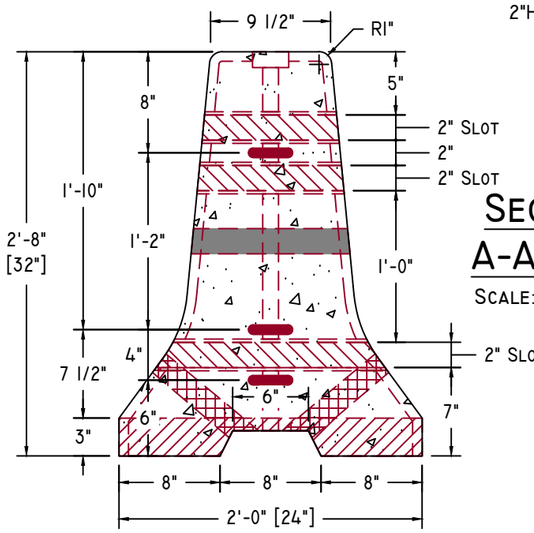
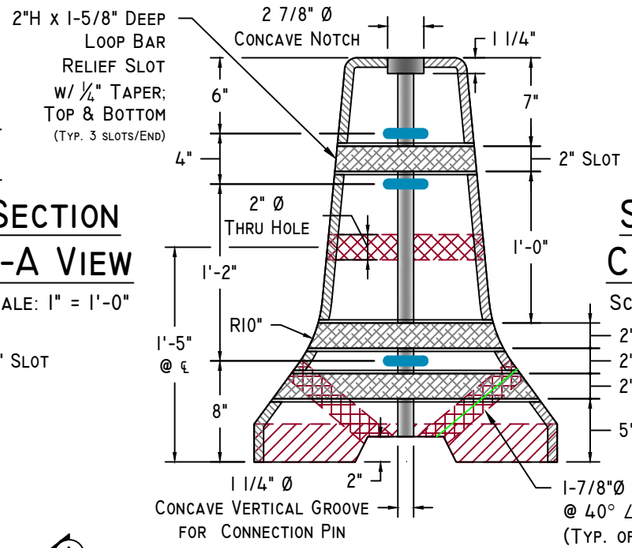


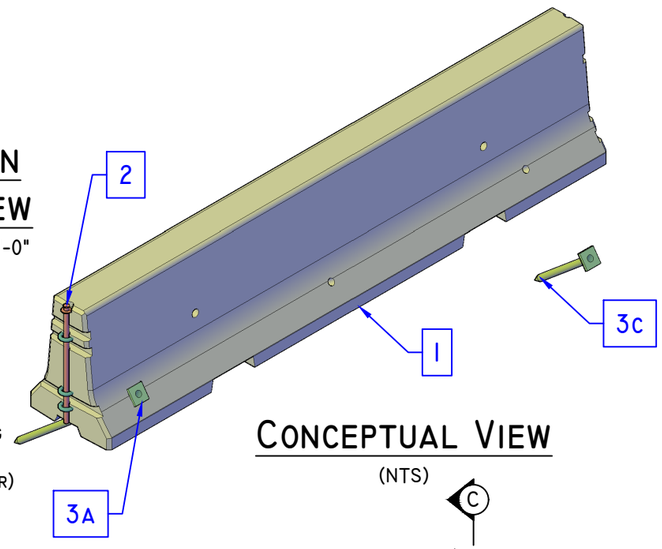
SECTION A-A VIEW

SCALE: 1" = 1'-0"



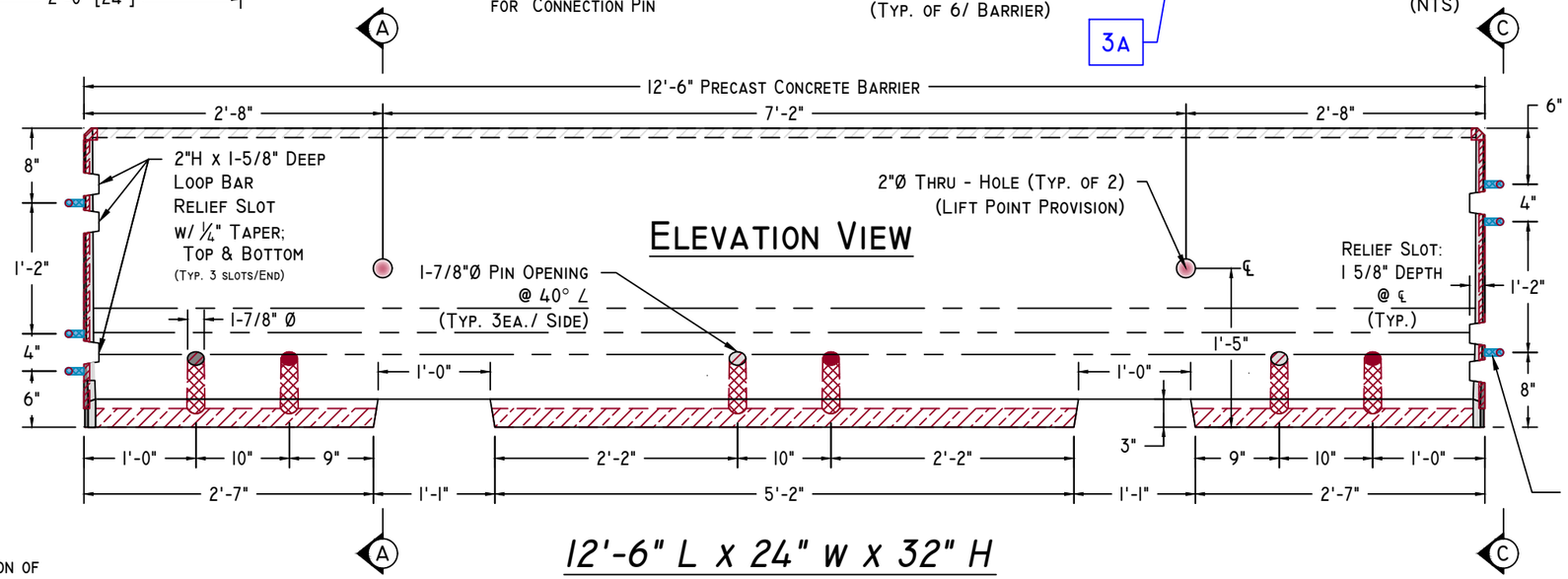
SECTION C-C VIEW

SCALE: 1" = 1'-0"



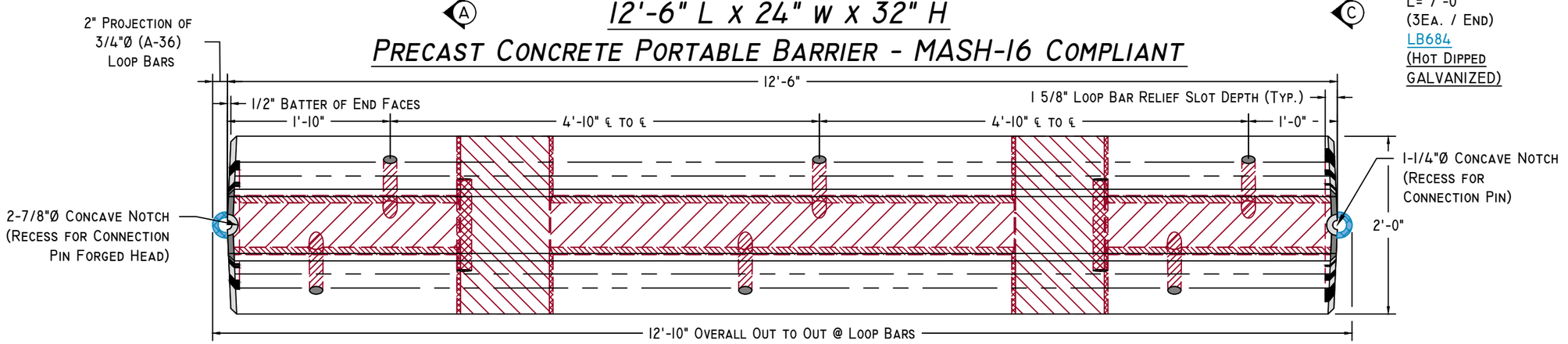
CONCEPTUAL VIEW

(NTS)



ELEVATION VIEW

12'-6" L x 24" w x 32" H PRECAST CONCRETE PORTABLE BARRIER - MASH-16 COMPLIANT



PLAN VIEW

Superior Concrete, LLC
982 MINOT AVE. AUBURN, ME. 04210
TEL: 207-784-1388
FAX: 866-414-9083
WWW.SUPERIORCONCRETE.COM

BILL OF MATERIALS

#	QTY	ITEM
1		12'-6" PORTABLE CONCRETE BARRIER - MASH
		WEIGHT #5,615/EA VOL.: 1.39 C.Y.
2		A449 STEEL CONNECTION PIN W/ FORGED
		HEAD (HOT DIPPED GALVANIZED)
3A		1-1/2"Ø x 48" A36 STEEL ANCHOR PIN - W/
		4"SQ. x ½" WASHER (WELDED) - ASPHALT
3C		1-1/2"Ø x 21-1/4" A36 STEEL ANCHOR PIN W/
		4"SQ. x ½" WASHER (WELDED) - CONCRETE

DESIGN NOTES:

1. **Concrete**
   - 1.1. COMP. STRENGTH MIN. 5,000PSI @ 28 DAYS
   - 1.2. AIR-ENTRAINMENT: MIN. 5%-6%
   - 1.3. CONFORMS TO ASTM C478
2. **Structural Reinforcement:**
   - 2.1.1. BAR PER ASTM A615, GRADE 60
   - 2.1.2. EXPOSED STEEL (3/4"Ø A-36 LOOP BAR) TO BE HOT DIP GALVANIZED AFTER FABRICATION PER ASTM A123 OR AASHTO M 111.
   - 2.1.3. 1"Ø CONNECTION PIN W/ FORGED HEAD TO BE A449 STEEL - HOT DIP GALVANIZED AFTER FABRICATION PER ASTM F2329 AND A153.
   - 2.1.4. REINFORCED IN COMPLIANCE WITH MASH & MEDOT STANDARD DETAILS
3. **Bar Clearance / Protection:**
   - 3.1. CLEAR COVER: 1-1/2" CLR MIN. (UNLESS OTHERWISE NOTED)
   - 3.2. BASE STIRRUPS: 3.5" CLR

NOTE: SOME DETAILS NOT SHOWN FOR CLARITY

SCALE: 3/4" = 1'-0" Unless Otherwise Noted

STRUCTURE NAME: 12'-6" PRECAST CONCRETE PORTABLE BARRIER - MASH		
JOB NAME:		
LOCATION:		
CONTRACTOR:		
DRAWN BY: ABL	DATE DRAWN: 12/08/2021	PROJECT MGR:
REV. #: 0.02	REV. DATE: 02/11/24	PBI.0