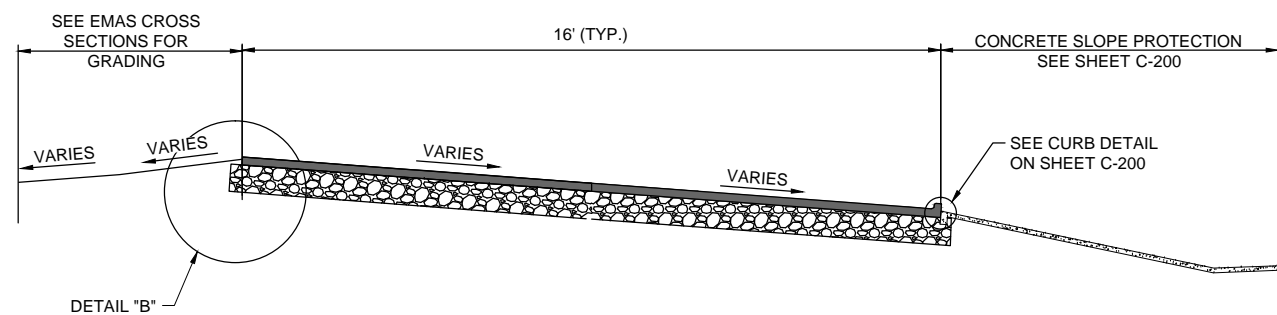
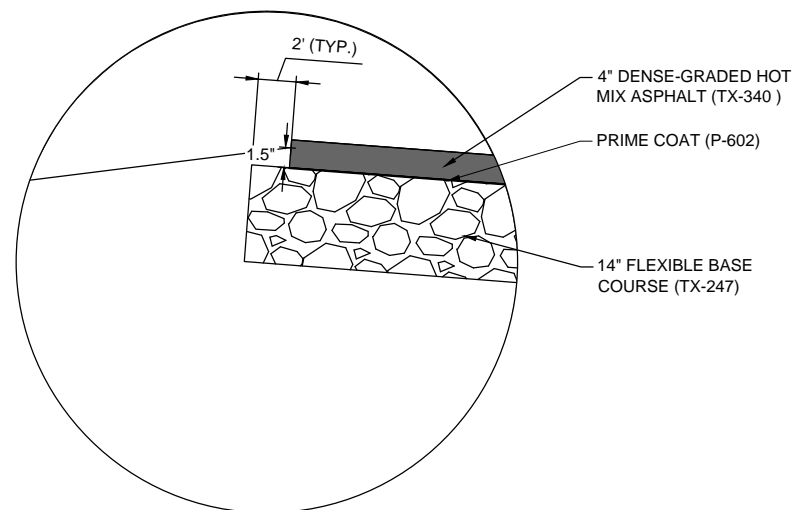


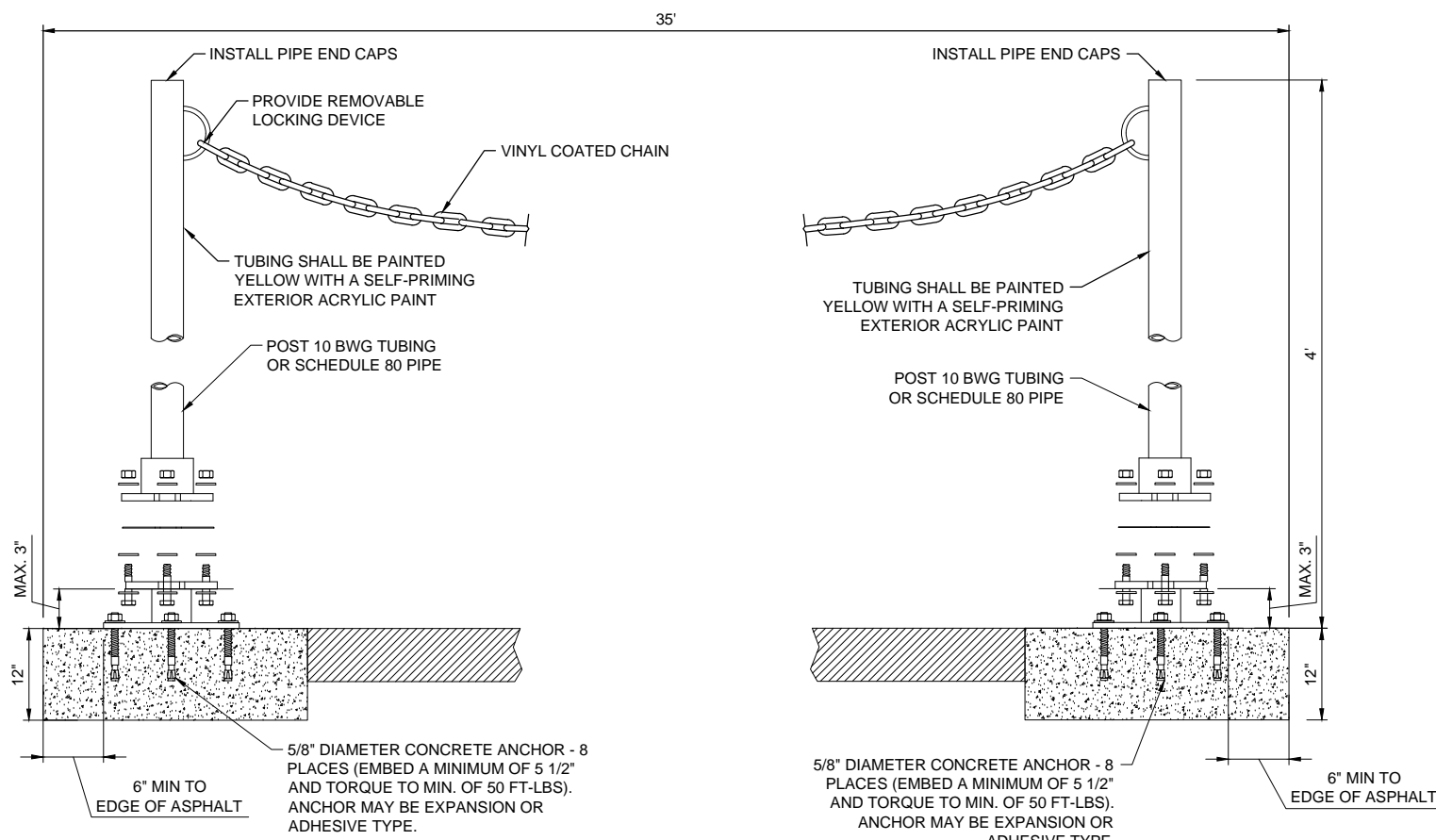
REV.	DATE	DESCRIPTION	BY



C-208  
1  
**EMAS SERVICE ROAD SECTION**  
SCALE: NONE



C-208  
B  
**DETAIL "B"**  
SCALE: NONE



**SIGN NOTES:**

1. INSTALL SIGN ON THE MIDDLE OF THE CHAIN.
2. SIGN SHALL BE 0.08" ALUMINUM AND SHALL BE 20" WIDE BY 14" TALL.
3. THE SIGN SHALL HAVE WHITE LETTERING AND SYMBOLS ON A RED BACKGROUND.
4. BOLLARDS SHALL BE PAINTED YELLOW.
5. LETTERING SIZE SHALL BE PROPORTIONAL TO SIGN SIZE.

CONCRETE ANCHOR CONSISTS OF 5/8" DIAMETER STUD BOLT WITH UNC SERIES BOLT THREADS ON THE UPPER END. HEAVY HEX NUT PER ASTM A563, AND HARDENED WASHER PER ASTM F436. THE STUD BOLT SHALL HAVE A MINIMUM YIELD AND ULTIMATE STRENGTH OF 50 AND 75 KSI, RESPECTIVELY. NUTS, BOLTS AND WASHERS SHALL BE GALVANIZED PER ITEM 445, "GALVANIZING." ADHESIVE TYPE ANCHORS SHALL HAVE STUD BOLTS INSTALLED WITH TYPE III EPOXY PER DMS-6100, "EPOXIES AND ADHESIVES." ADHESIVE ANCHORS MAY BE LOADED AFTER ADEQUATE EPOXY CURE TIME PER THE MANUFACTURER'S RECOMMENDATIONS. TOP OF BOLT SHALL EXTEND AT LEAST FLUSH WITH TOP OF NUT WHEN INSTALLED. THE ANCHOR, WHEN INSTALLED IN 4,000 PSI NORMAL WEIGHTED CONCRETE WITH A 5 1/2" MINIMUM EMBEDMENT, SHALL HAVE A MINIMUM ALLOWABLE TENSION AND SHEAR OF 3900 AND 3100 PSI, RESPECTIVELY.

C-208  
2  
**FRANGIBLE BOLLARD & CHAIN SYSTEM**  
SCALE: NONE