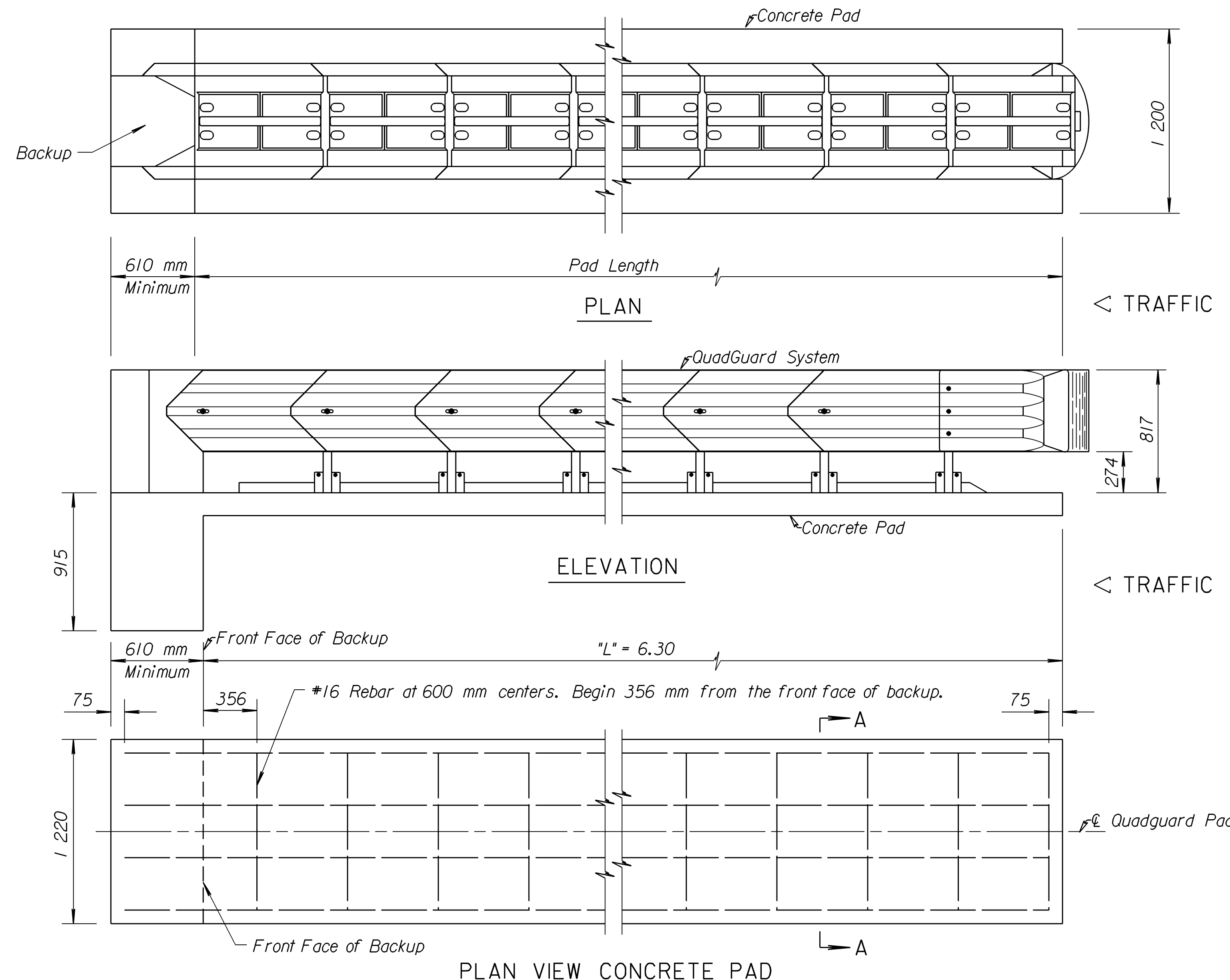


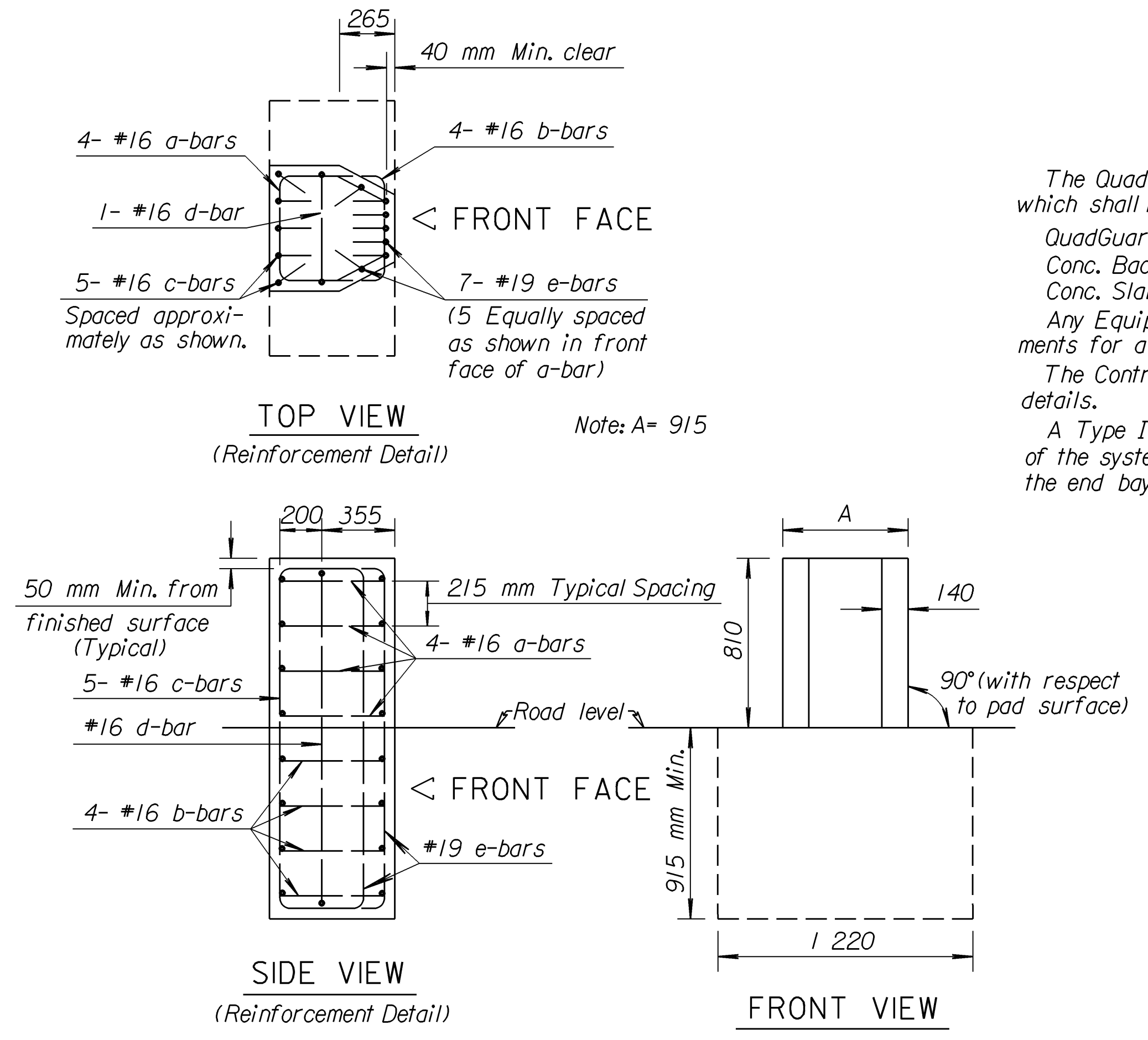
FHWA REGION NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	54-87 K-8258-08	2005	43	223

**GENERAL NOTE**  
 The QuadGuard System shall consist of the following items which shall be considered Subsidiary.  
 QuadGuard Model Number QS3606.  
 Conc. Backup Wall Assembly  
 Conc. Slab for Assembly  
 Any Equipment necessary to meet the Manufacturer's requirements for a complete and functioning system.  
 The Contractor shall refer to Special Provisions for additional details.  
 A Type I Object Marker shall be attached at the approach end of the system. The Object Marker shall be bolted or riveted to the end bay.

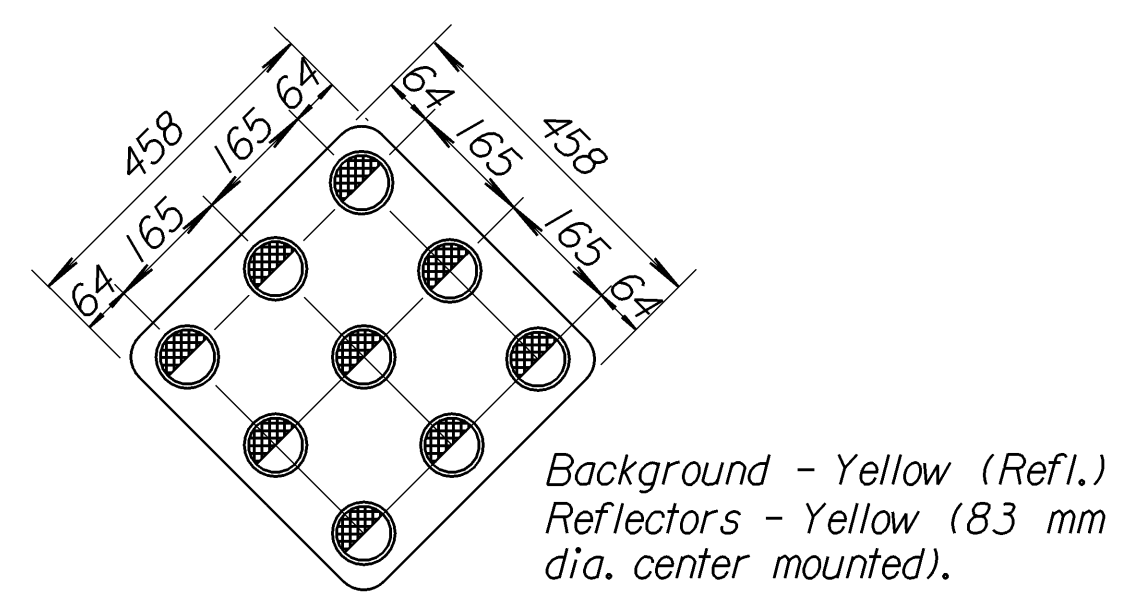
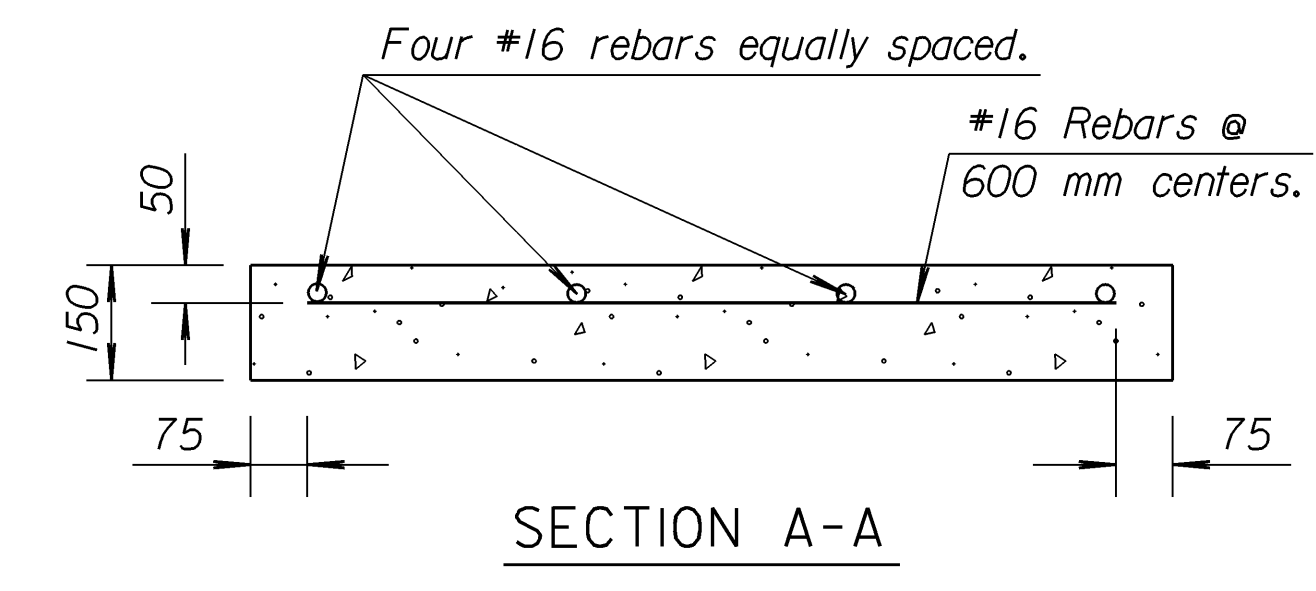
Note to the Designer: The designer shall be responsible for designating dimensions "A" and "L" and the QuadGuard model number.



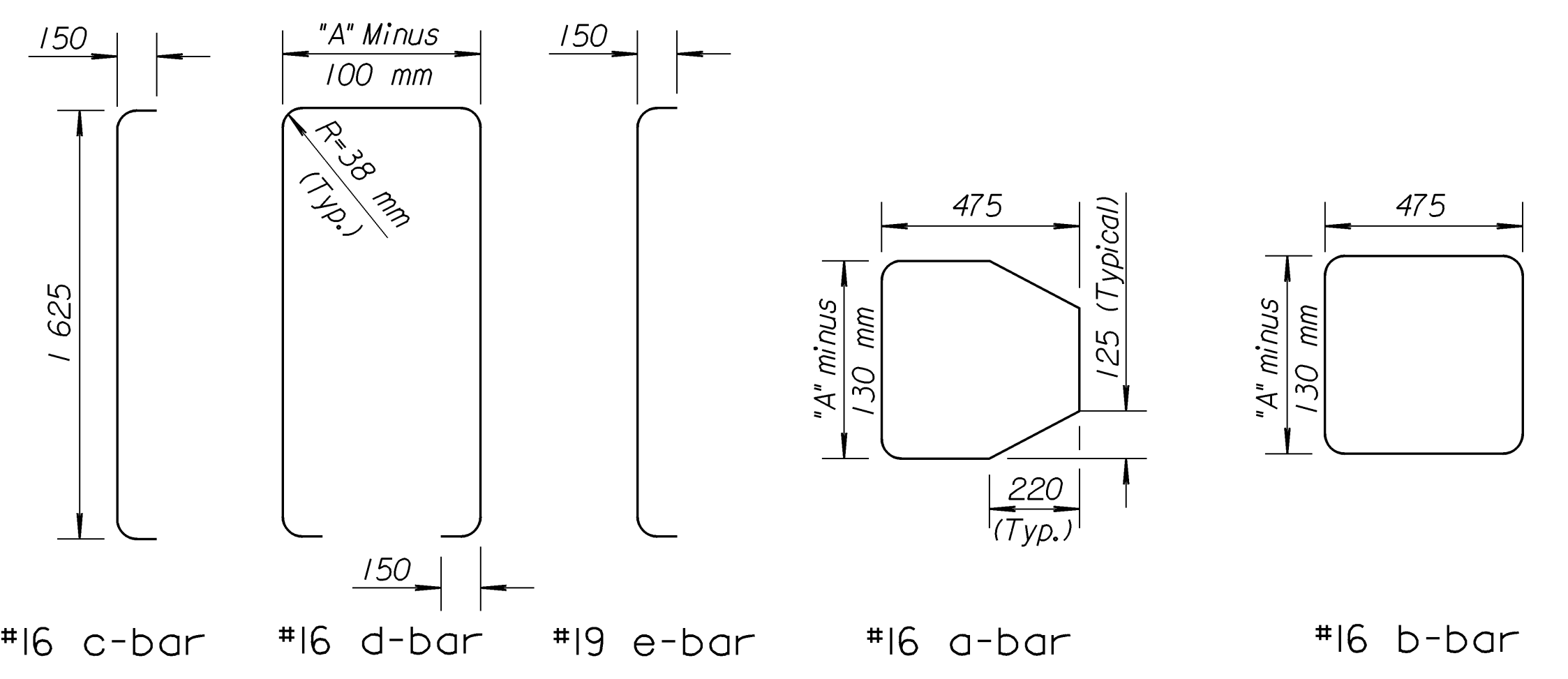
Note: Cross slope of pad shall not exceed 8% and not vary more than 2% from front to back.  
 Pad and Backup Block should be tied together & poured monolithically. Concrete for pad and backup block shall have a minimum compressive strength of 28 MPa.



**CONCRETE BACKUP DETAILS**



**TYPE I OBJECT MARKER**  
 Aluminum Sign Blanks shall be ASTM B-209 (H), Alloy 6061-T6, 5154-H38, or 5052-H38. All holes shall be 10mm in diameter.  
 The 83 mm diameter yellow button delineator shall comply with the Standard Specifications.  
 The type of adhesive used for reflective sheeting shall be heat activated or pressure sensitive.  
 Sign face shall be covered with regular performance reflective sheeting.



All dimensions are out-to-out on bars unless otherwise noted.

Drawn By: unfiled | Plotted: 6/17/2005 | File: J:\0001\PH\standards\RD6375\in.dgn

3					
2					
1					
NO.	DATE	REVISIONS	BY	APP'D	
KANSAS DEPARTMENT OF TRANSPORTATION					
<b>IMPACT ATTENUATOR QUADGUARD SYSTEM (NARROW HAZARDS)</b>					
RD6375					
DESIGNED	2-12-01	APP'D.	James O. Brewer		
DESIGN CK.	DETAIL CK.	QUAN. CK.	TRACE CK.	Bowser	Seitz