

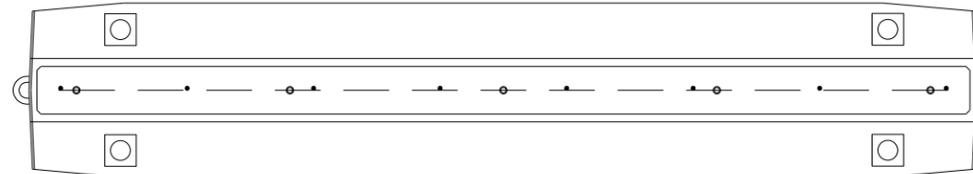
ISOMETRIC

**CONCRETE GLARE SCREEN
FOR PRECAST TYPE 7 CONCRETE BARRIER
D-606-15**

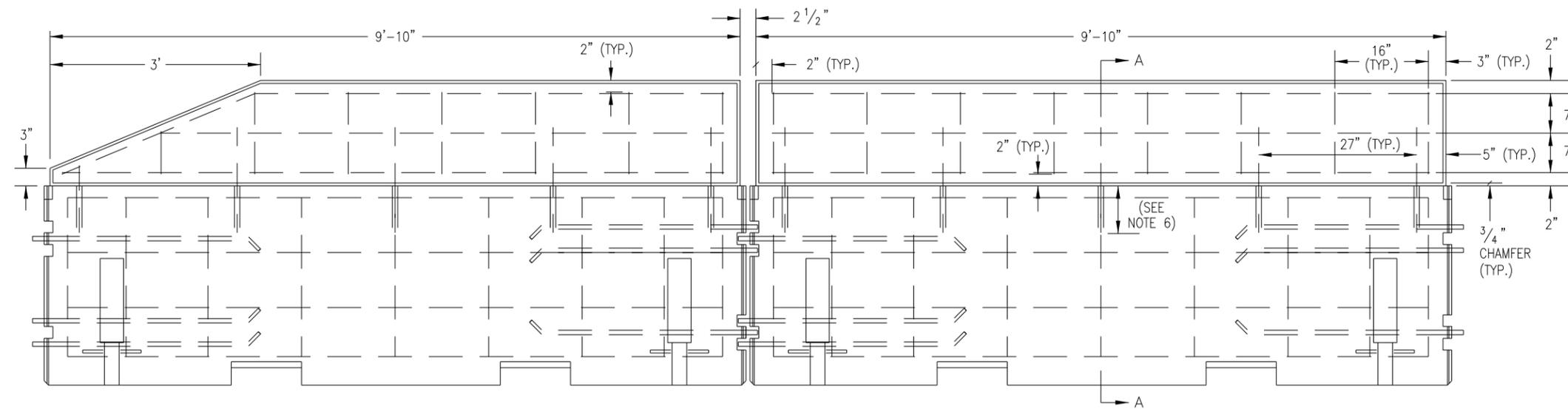
APPLICATION: WHEN NON-PENETRABLE GLARE SCREEN IS REQUIRED.
 HISTORY: USED ON CDOT PROJECT PER REQUEST BY MAINTENANCE.
 PLEASE CALL THE STANDARDS ENGINEER
 AT 303-757-9021 FOR ANY QUESTIONS. DATE: JULY 04, 2006
 PLEASE DELETE THIS BLOCK BEFORE USING THIS DETAIL ON A PROJECT. SRJ/LTA

GENERAL NOTES

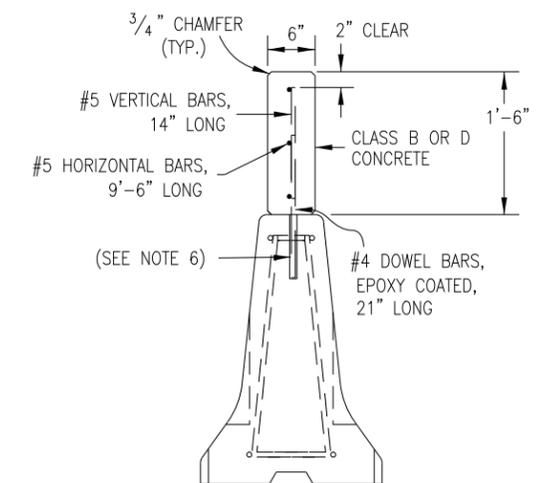
1. CONCRETE GLARE SCREEN SHALL BE USED ONLY ON PERMANENT INSTALLATIONS OF PRECAST TYPE 7 CONCRETE BARRIER. REFER TO STANDARD M-606-14, SHEET 3 OF 3 FOR STABILIZATION PIN REQUIREMENTS.
2. ALL INSTALLATIONS REQUIRE END ANCHORAGES OR ATTACHMENT TO EXISTING PERMANENT CONCRETE BARRIER. REFER TO STANDARD M-606-13, SHEET 1 OF 4 FOR ANCHORAGE DETAILS.
3. CONCRETE SHALL BE CLASS B OR D.
4. ALL REINFORCEMENT SHALL BE 2 IN. CLEAR OF THE NEAREST FACE OF CONCRETE UNLESS OTHERWISE SHOWN. REINFORCING BARS SHALL BE TIED TOGETHER AT ALL INTERSECTIONS.
5. APPROVED NON-SHRINK CHEMICAL GROUT SHALL BE USED FOR SETTING THE CONCRETE GLARE SCREEN.
6. WHEN CONCRETE GLARE SCREEN IS PLACED ON AN EXISTING PERMANENT PRECAST TYPE 7 PORTABLE BARRIER WALL, DOWELS SHALL BE EMBEDDED 13 IN. INTO THE BARRIER WALL AND SET WITH AN APPROVED NON-SHRINK CHEMICAL GROUT. EMBEDMENT HOLES SHALL BE 3/4 IN. DIAMETER AND DRILLED OR FORMED TO A DEPTH OF 1/4 IN. BELOW THE TIP OF THE DOWEL. IF THE CONTRACTOR PROPOSES A SHORTER EMBEDMENT LENGTH, THE PROPOSAL SHALL BE SUBMITTED IN WRITING AND A PULLOUT TEST PERFORMED TO DEMONSTRATE THE SHORTER EMBEDMENT LENGTH PROVIDES ADEQUATE BOND. A WRITTEN APPROVAL ACCEPTING THE PROPOSAL SHALL BE ISSUED BY THE ENGINEER BEFORE PROCEEDING WITH PRODUCTION.
7. ALL INCIDENTAL WORK AND MATERIALS SUCH AS CONNECTING PINS, ANCHORS PINS, NON-SHRINK CHEMICAL GROUT, EXCAVATION FOR END ANCHORAGE, ETC., WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE WORK.



PLAN



ELEVATION BARRIER WITH GLARE SCREEN



SECTION A-A

Computer File Information		Sheet Revisions		Colorado Department of Transportation		As Constructed		CONCRETE GLARE SCREEN FOR PRECAST TYPE 7 CONCRETE BARRIER D-606-15		Project No./Code		
Creation Date: 07/04/06	Initials: SRJ	(R-X)	mm/dd/yy XXXXX	XXX	Street Address XXXXXXXXX City, State Zip Code Phone: XXX-XXX-XXXX FAX: XXX-XXX-XXXX	No Revisions:	mm/dd/yy	D-606-15		D-606-15		
Last Modification Date: 07/04/06	Initials: LTA	(R-X)	mm/dd/yy XXXXX	XXX		Revised:	mm/dd/yy	Code		Sheet Number: 1 of 1		
Full Path: www.dot.state.co.us/DesignSupport/		(R-X)	mm/dd/yy XXXXX	XXX		Void:	mm/dd/yy	Designer:	XXXXXXXX			
Drawing File Name: D6060150101.dwg		(R-X)	mm/dd/yy XXXXX	XXX		Sheet Subset:	XXXXXXXX	Detailer:	XXXXXXXX			
CAD Ver.: MicroStation V8	Scale: Not to Scale	Units: English	(R-X)	mm/dd/yy XXXXX		XXX	Subst Sheets:	XXX of XXX				