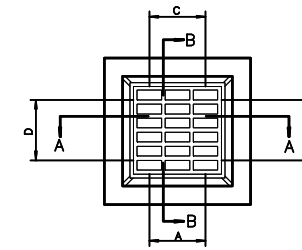
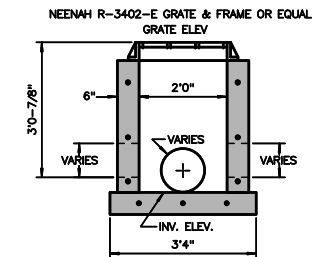


**PLAN VIEW ABBEY DETENTION BASIN**

BOX #	A	B	C	D	GRATE ELEV.	INV. ELEV.
BOX 1	15"			12"	5342.34	5338.34
BOX 2	15"	15"			5340.74	5336.74
BOX 3	15"		15"		5338.12	5335.12
BOX 4	15"		15"		5336.84	5333.34
BOX 5	24"	15"			5334.76	5332.76
BOX 6	18"		12"		5354.20	5351.20



**PLAN VIEW**

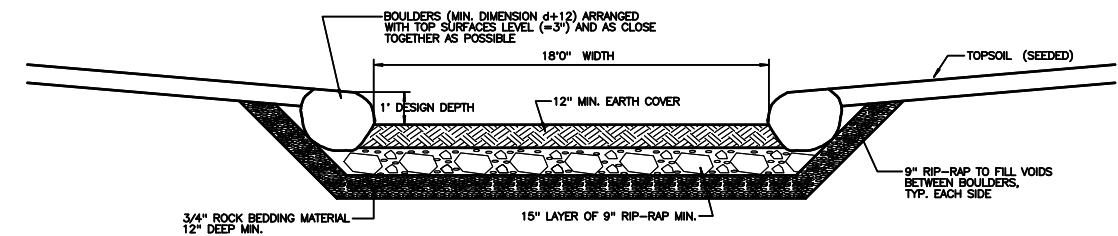


**SECTION A-A**

TRAFFIC RATED GRATE & PRECAST CATCH BASIN ASSEMBLY  
(RATED FOR HS-20 LOADING)

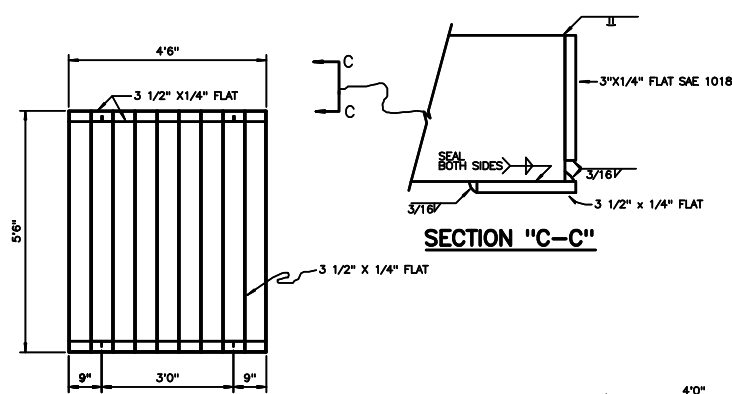
**INLET BOX DETAIL**

SCALE: 1/2" = 1'-0"



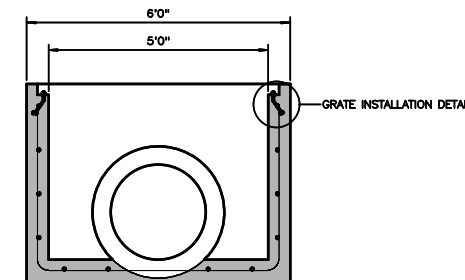
**LOW FLOW CHANNEL**

SCALE: 1/4" = 1'-0"



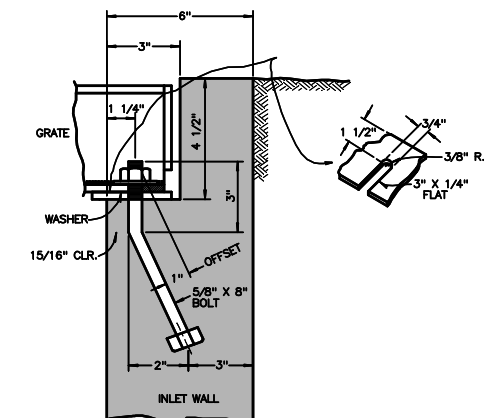
**SECTION "C-C"**

**GRATE**  
SCALE: 1/2" = 1'-0"



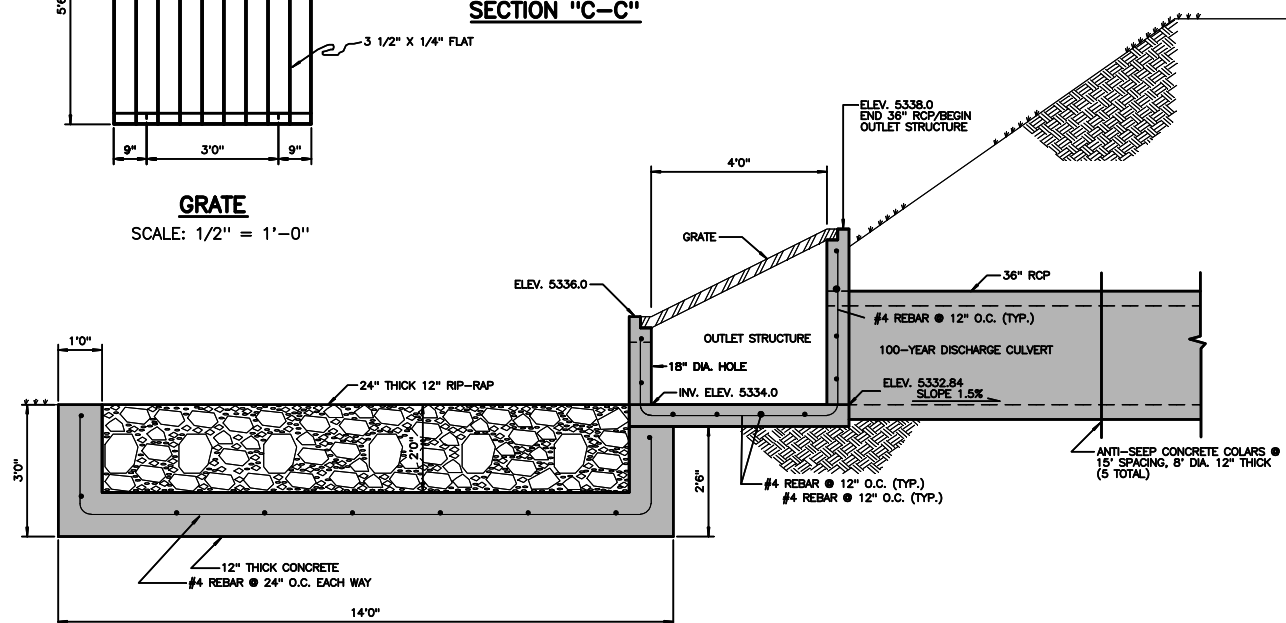
**SECTION "B-B" OUTLET STRUCTURE**

SCALE: 1/2" = 1'-0"



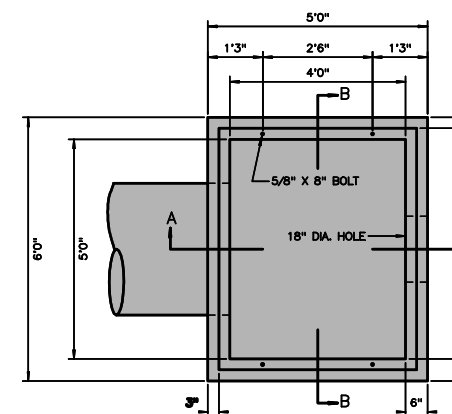
**GRATE INSTALLATION DETAIL**

N.T.S



**SECTION "A-A" OUTLET STRUCTURE**

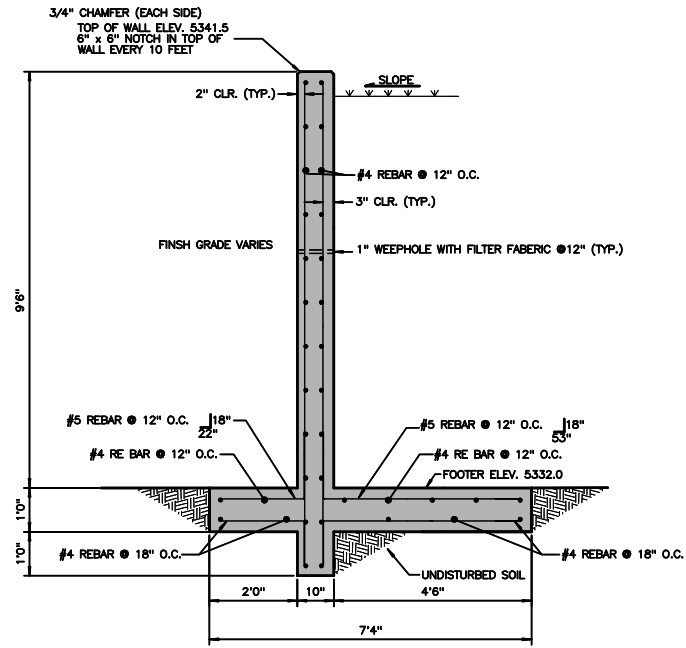
SCALE: 1/2" = 1'-0"



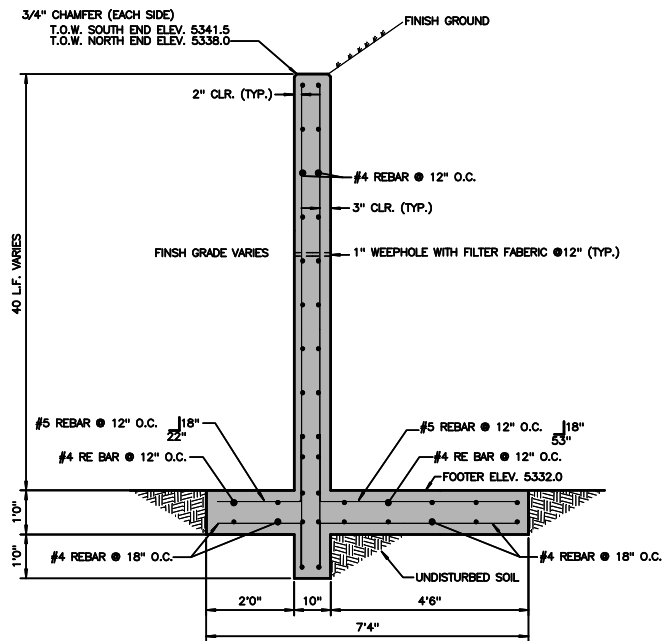
**OUTLET STRUCTURE PLAN**

SCALE: 1/2" = 1'-0"

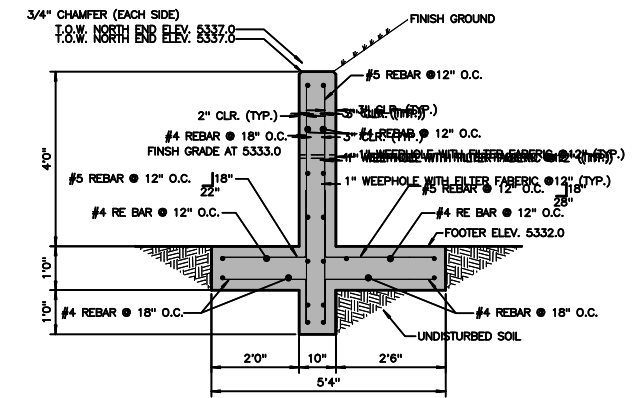
<b>GENERAL TOLERANCE</b>	ADDA National Design/Drafting Contest CAÑON CITY HIGH SCHOOL 1818 COLLAGE AVE.	
<b>FRACTIONS</b> ± 1/8"	<b>ABBEY DETENTION BASIN</b> SHEET 3 OF 7 SHEETS CATEGORY/DIVISION <b>BC-STRU</b>	
<b>DECIMALS</b> ± .01		
<b>ANGLES</b> ± 0° - 15'		
DRAWN: DAMON MCCAIN DATE: 12/09/08	INSTRUCTOR: MIKE CESSAMAN INSTRUCTOR E-MAIL: gcessam@ccanctyhigh.edu	SHEET 3 OF 7 SHEETS CATEGORY/DIVISION <b>BC-STRU</b>



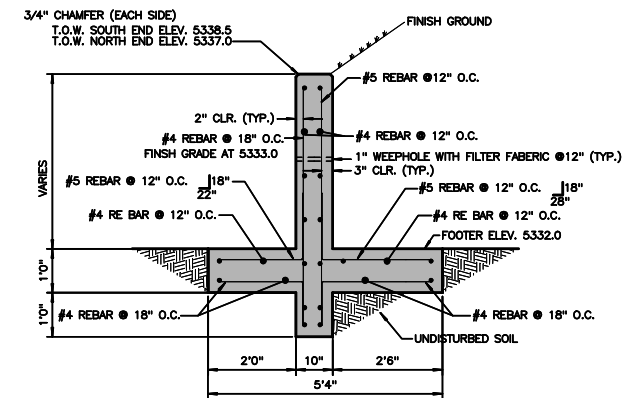
**OUTLET STRUCTURE WALL SECTION "A-A"**  
SCALE: 1/2" = 1'-0"



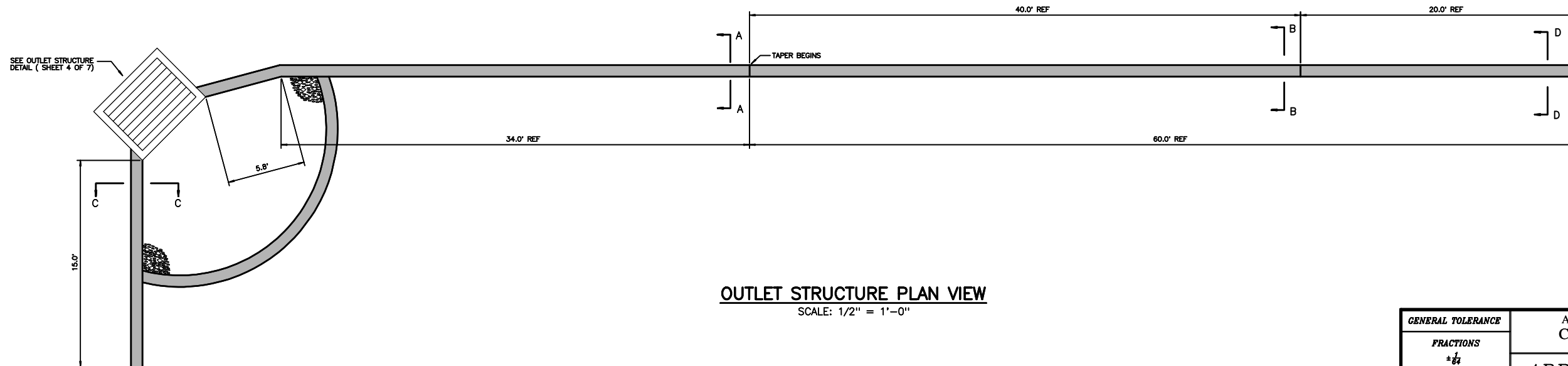
**OUTLET STRUCTURE WALL SECTION "B-B"**  
SCALE: 1/2" = 1'-0"



**OUTLET STRUCTURE WALL SECTION "C-C"**  
SCALE: 1/2" = 1'-0"



**OUTLET STRUCTURE WALL SECTION "D-D"**  
SCALE: 1/2" = 1'-0"



**OUTLET STRUCTURE PLAN VIEW**  
SCALE: 1/2" = 1'-0"

<b>GENERAL TOLERANCE</b>		ADDA National Design/Drafting Contest CAÑON CITY HIGH SCHOOL 1818 COLLEGE AVE.	
<b>FRACTIONS</b>	± 1/16	<b>ABBEY DETENTION BASIN</b>	
<b>DECIMALS</b>	± 0.1		
<b>ANGLES</b>	± 0° - 15'		
<b>DATE:</b>	12/09/08	<b>DRAWN:</b> DAMON MCCAIN	<b>DISTRICTOR:</b> MIKE CESSAMAN
		<b>INSTRUCTOR R-MAD:</b> gessaman@ccnmsdhighschool.org	<b>SHEET 3 OF 7 SHEETS</b> CATEGORY/DIVISION <b>BC-STRU</b>