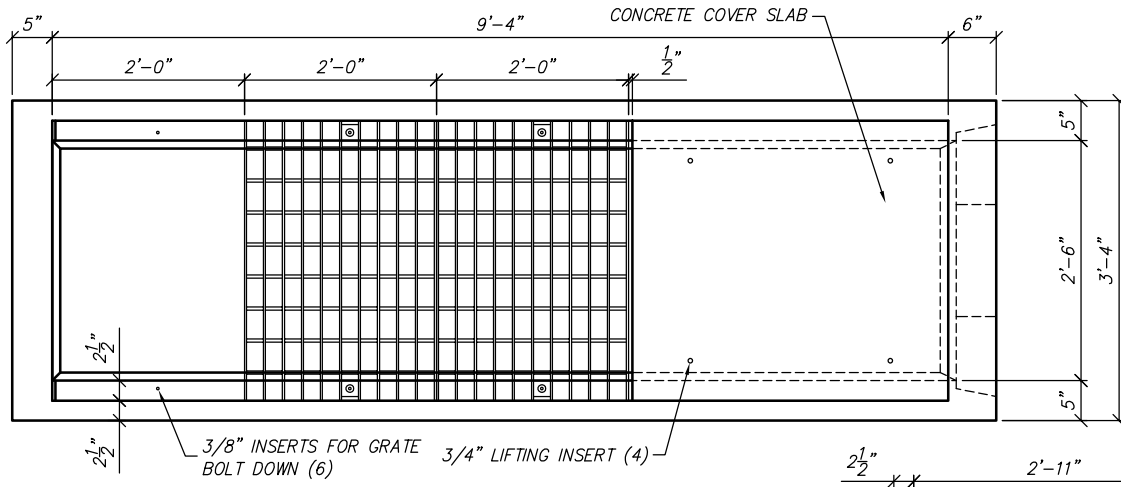
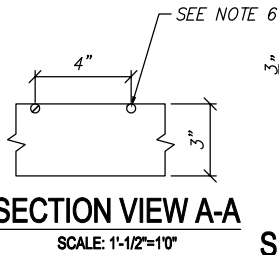


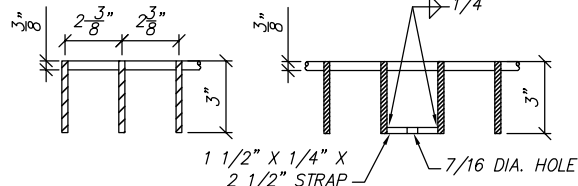
REV	DESCRIPTION	BY	DATE
A	ADDED DIMENSIONS TO END BLOCKOUT	AT	1/10/03
B	ADDED NEW TITLE BLOCK	AT	12/18/09
C	CHANGED INSERTS IN SLAB TO 3/4"	AT	5/30/12
D	NCS UPDATES	CP	6/26/17



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

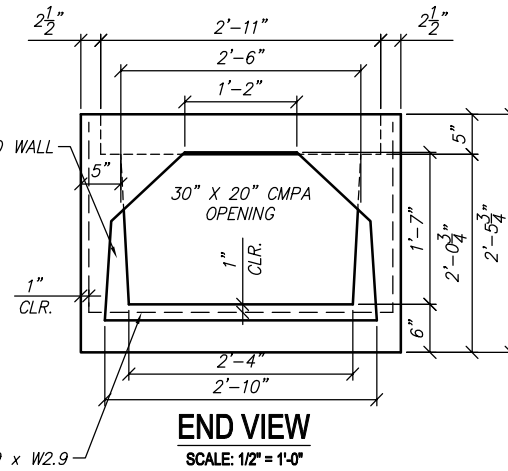


**SECTION VIEW A-A**  
SCALE: 1'-1/2" = 1'-0"

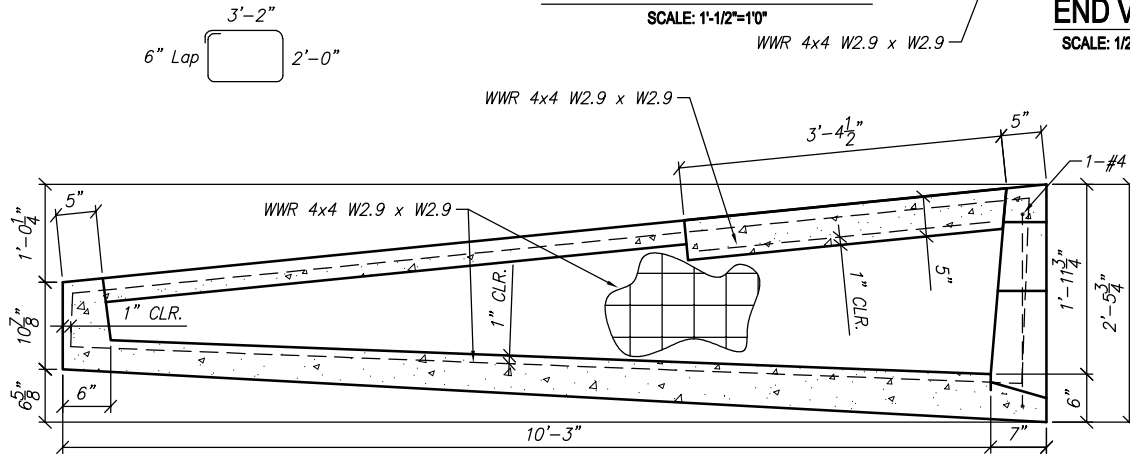


**SECTION VIEW B-B**  
SCALE: 1'-1/2" = 1'-0"

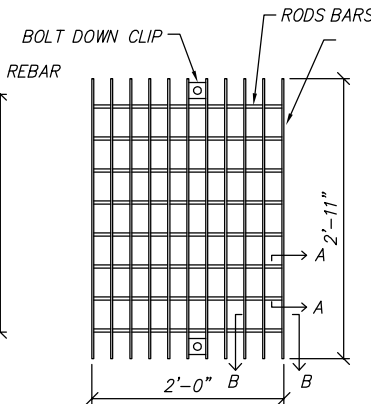
**BOLT DOWN CLIP DETAIL**  
SCALE: 1'-1/2" = 1'-0"



**END VIEW**  
SCALE: 1/2" = 1'-0"



**SECTION VIEW**  
SCALE: 1/2" = 1'-0"



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

**STRUCTURAL NOTES**

1. CONCRETE: 28 DAY COMPRESSIVE STRENGTH  $f_c = 5,000$  psi
2. REBAR: ASTM A-615 GRADE 60
3. MESH: ASTM A-1064 GRADE 65
4. DESIGN: ACI 318-14 BUILDING CODE  
ASTM C-857 \*MINIMUM STRUCTURAL DESIGN  
LOADING FOR UNDERGROUND PRECAST  
CONCRETE UTILITY STRUCTURES\*
5. LOADS: HS20-44 W/30% IMPACT PER AASHTO  
80 PSF LATERAL LIVE LOAD SURCHARGE - UP TO 8'-0" DEPTH  
SOIL: 40 PCF LATERAL SOIL PRESSURE ABOVE WATER TABLE  
80 PCF LATERAL SOIL PRESSURE BELOW WATER TABLE  
120 PCF SOIL DENSITY
6. SOIL COVER: NONE
7. WATER TABLE: 5'-0" BELOW GRADE

**GENERAL NOTES**

1. CONCRETE SHALL CONFORM TO THE REQUIREMENTS FOR CLASS 3 CONCRETE. THE MINIMUM STRENGTH SHALL BE 4000 PSI.
2. GROUT SHALL BE IN ACCORDANCE WITH STANDARD SPECIFICATIONS EXCEPT WATER CONTENT SHALL BE SUCH THAT THE CONSISTENCY IS PROPER FOR SMOOTH TROWLING
3. ALL WELDING SHALL BE IN ACCORDANCE WITH STANDARD SPECIFICATION 604-3.06
4. THE COMPLETED GRATE SHALL BE GIVEN ONE SHOP COAT OF NO. 1 PAINT
5. FOUNDATION SOIL AND BACKFILL SHALL BE IN ACCORDANCE WITH SECTION 203-5 OF THE STANDARD SPECIFICATIONS.
6. 3/8" DIAMETER CROSS BARS MAY BE FILLET WELDED, RESISTANCE WELDED, OR ELECTRO-FORGED TO BEARING BARS.



411 E. FRYE RD. CHANDLER, AZ 85225  
PHONE: (480) 963-2678

THIS DOCUMENT IS THE PROPERTY OF OLDCASTLE PRECAST, INC. IT IS CONFIDENTIAL, SUBMITTED FOR REFERENCE PURPOSES ONLY, AND SHALL NOT BE USED IN ANY WAY INJURIOUS TO THE INTERESTS OF, OR WITHOUT THE WRITTEN PERMISSION OF OLDCASTLE PRECAST, INC. COPYRIGHT ©2017 OLDCASTLE PRECAST, INC. ALL RIGHTS RESERVED

**PRECAST CONCRETE CATCH BASIN**

A.D.O.T. MODEL NO. C-15.90

CUSTOMER STANDARD					
DATE	SALES	DRAWN	ENGINEER	CHECKED	SALES ORDER
12/3/98	AT	AT			
DRAWING NUMBER				REVISION	SHEET
U9900-1				C	1 OF 1
				REV DATE	