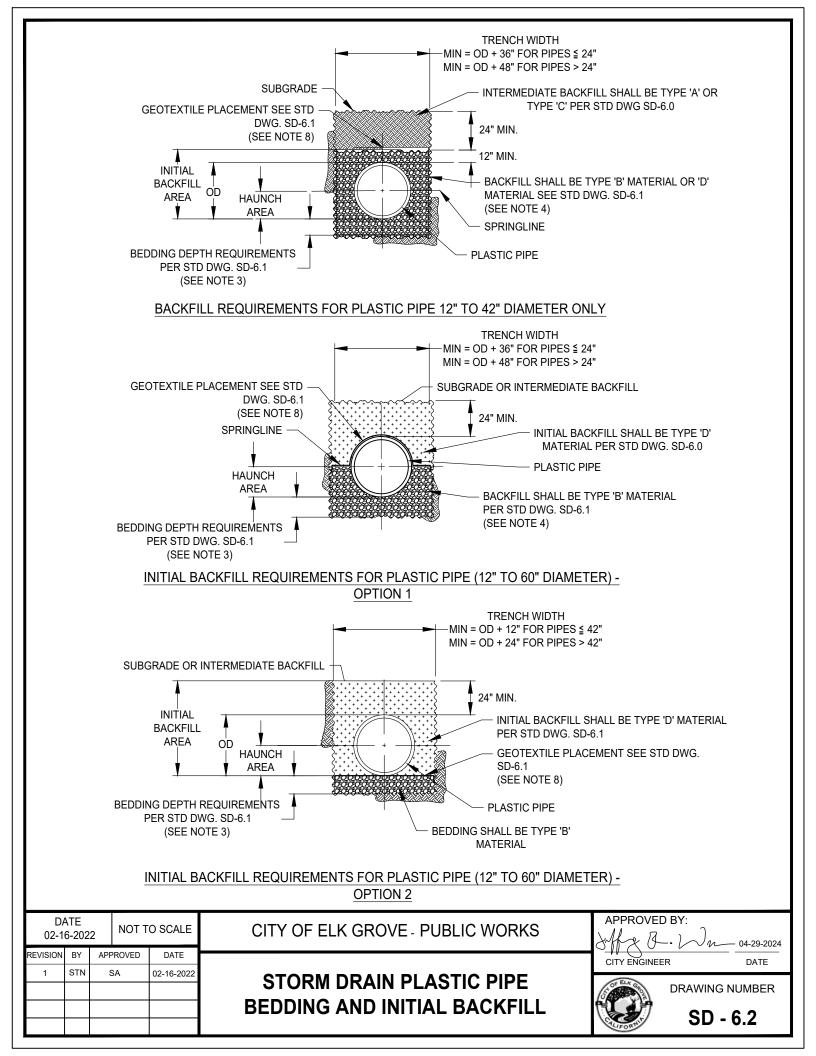


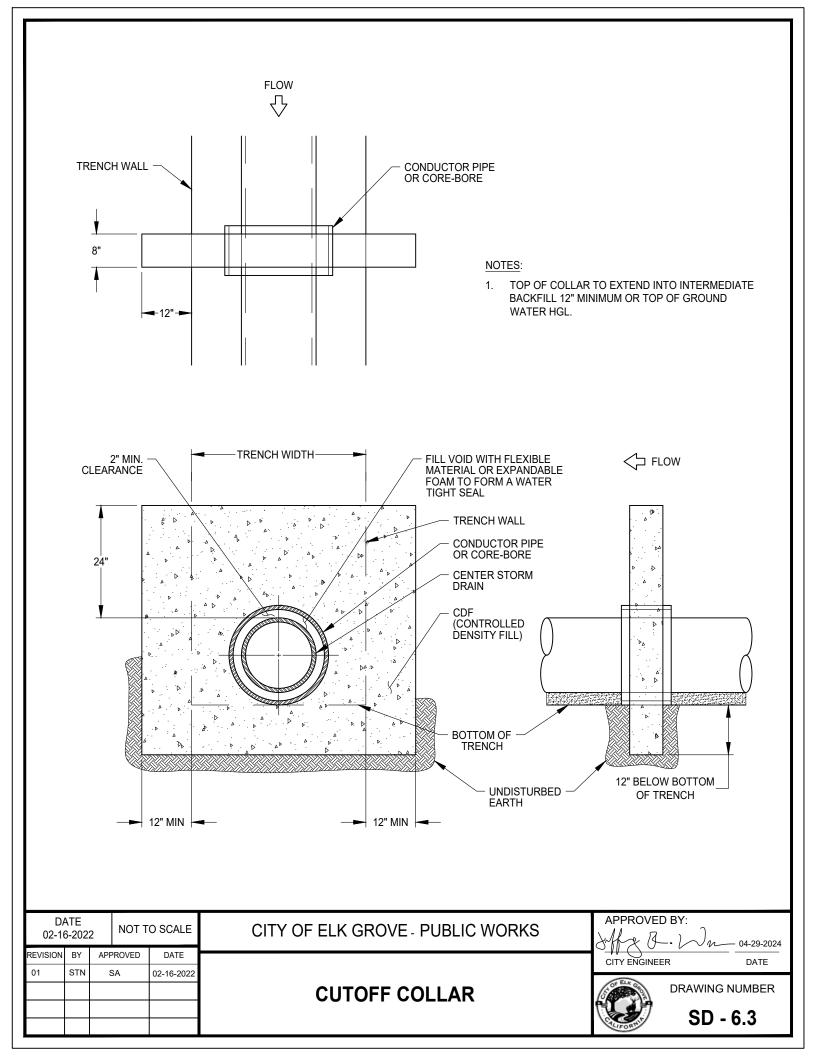
SD - 6.1

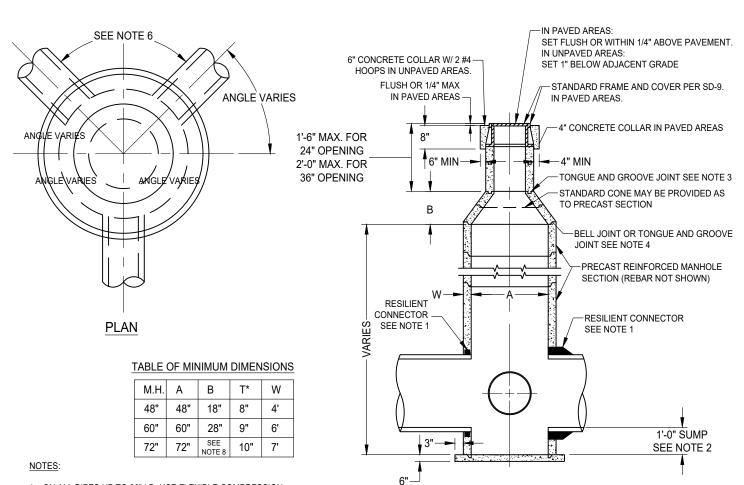
WRAP

- 04-29-2024

DATE





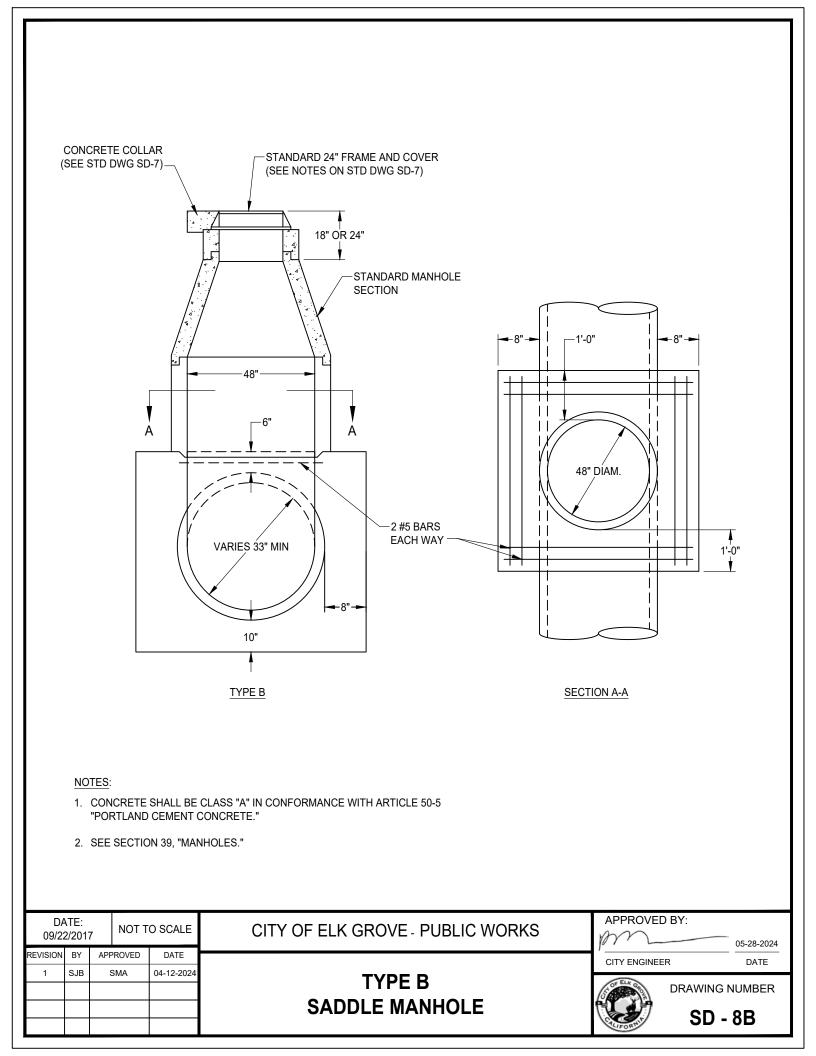


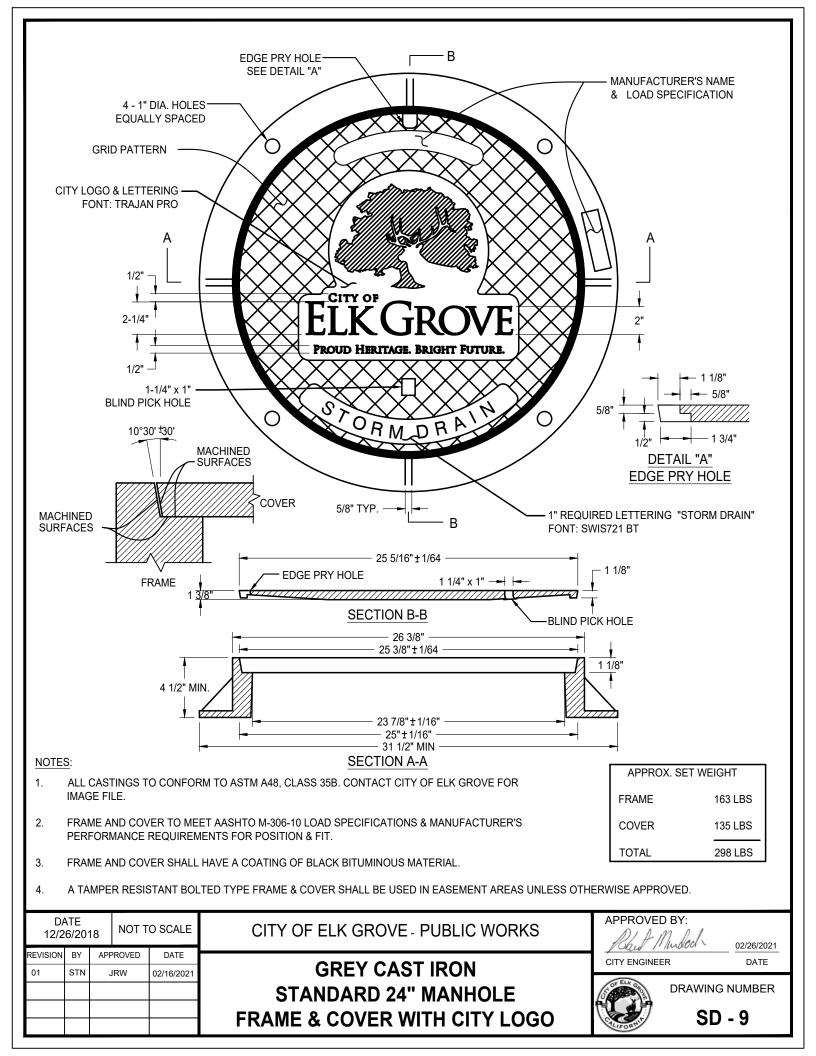
- ON ALL PIPES UP TO 30" I.D. USE FLEXIBLE COMPRESSION GASKET OR BOOT CONNECTOR CONFORMING TO ASTM C-923. CONNECTION SHALL BE WATER AND SOIL TIGHT. FOR PIPES GREATER THAN 30" I.D., BASE MAY BE CAST-IN-PLACE AND A WATER STOP CONFORMING TO ASTM C-923 SHALL BE USED.
- 2. SUMP SHALL BE 1'-0" DEEP, MEASURED FROM INVERT OF OUTFALL PIPE. SUMP NOT REQUIRED IF OUTFALL PIPE IS 24" I.D. OR LARGER.
- 3. RISER SECTIONS, CONES, AND ADJUSTING RINGS SHALL CONFORM TO ASTM C-478.
- 4. ALL JOINTS SHALL BE MADE WITH PREFORMED PLASTIC JOINT SEALING COMPOUND. FOLLOWING INSTALLATION GROUT ALL INTERIOR AND EXTERIOR JOINTS.
- 5. CONCENTRIC COMPONENTS SHALL BE USED UNLESS OTHERWISE SPECIFIED ON THE PLANS.
- 6. PRECAST MANHOLES SHALL BE SIZED TO PROVIDE THE FOLLOWING: THE ANNULAR SPACE ON THE INSIDE OF THE MANHOLE BARREL BETWEEN CORED PIPE CONNECTION HOLES SHALL BE A MINIMUM OF 10 INCHES, IF THE CONNECTION HOLE IS CAST MONOLITHICALLY WITH THE MANHOLE BARREL THE MEASUREMENT SHALL BE TAKEN FORM THE FINISHED CONCRETE CONNECTION.
- 7. SEE SECTION 39, CONSTRUCTION SPECIFICATIONS, "MANHOLES"
- 8. CONE FOR MANHOLES GREATER THAN 60" DIAMETER SHALL BE INDIVIDUALLY DESIGNED.
- FLAT SLAB SHALL BE USED WHEN DEPTH IN PAVED AREAS SET FLUSH WITH PAVEMENT DOES NOT PERMIT USE OF TAPER UNIT IN UNPAVED AREAS SET 1" BELOW ADJACENT GRADE **6" CONCRETE COLLAR** 4" CONCRETE COLLAR IN PAVED AREAS W/ 2-#4 HOOPS IN UNPAVED AREAS Т 24 2 #4 BARS TYP 2' 12' FLAT SLAB TOP

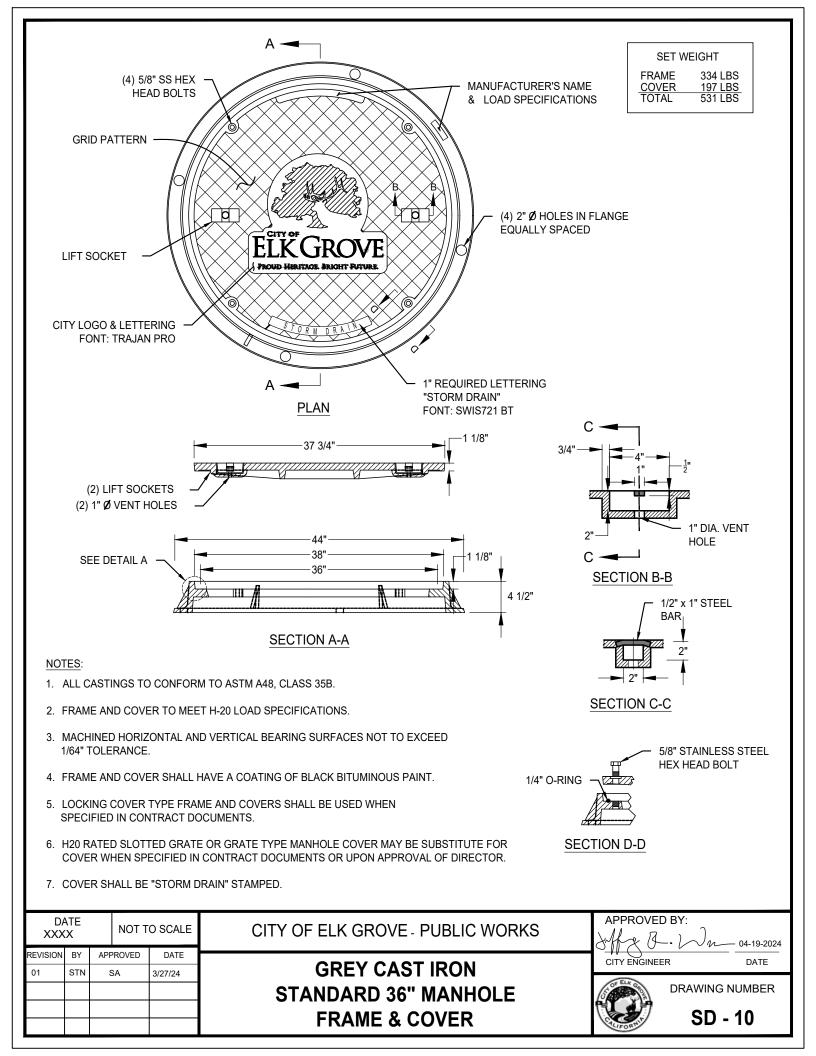
PROFILE

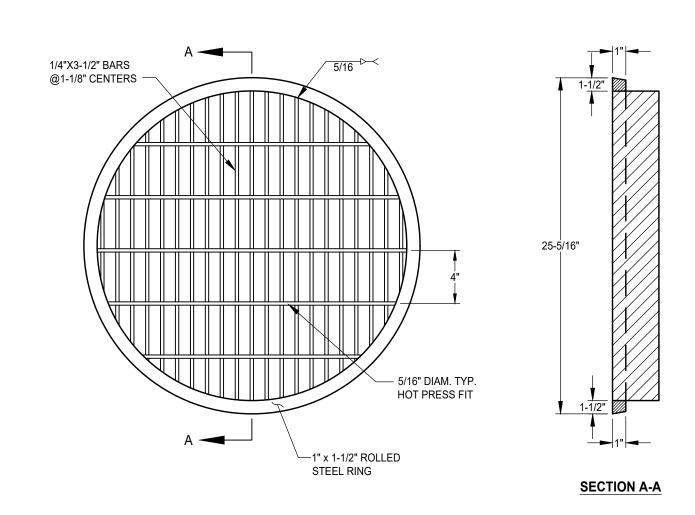
DATE: 09/22/2017		7 NOT	TO SCALE	CITY OF ELK GROVE - PUBLIC WORKS	APPROVE	DBY: 05-28-2024
REVISION		APPROVED	DATE		CITY ENGINE	ER DATE
1	SJB	SMA	04-12-2024	STANDARD PRECAST CONCRETE DRAINAGE MANHOLE	CONTRACTOR OF	DRAWING NUMBER
				DRAMAGE MANNOLE	CRUFOR WIT	SD - 7

	Image: Second secon	24" OPENING
DATE. NOT TO SCALE 09/22/2017 NOT TO SCALE REVISION BY APPROVED DATE	CITY OF ELK GROVE - PUBLIC WORKS TYPE A SADDLE MANHOLE	Dear Mulach 10/24/2018 CITY ENGINEER DATE DRAWING NUMBER SD - 8A





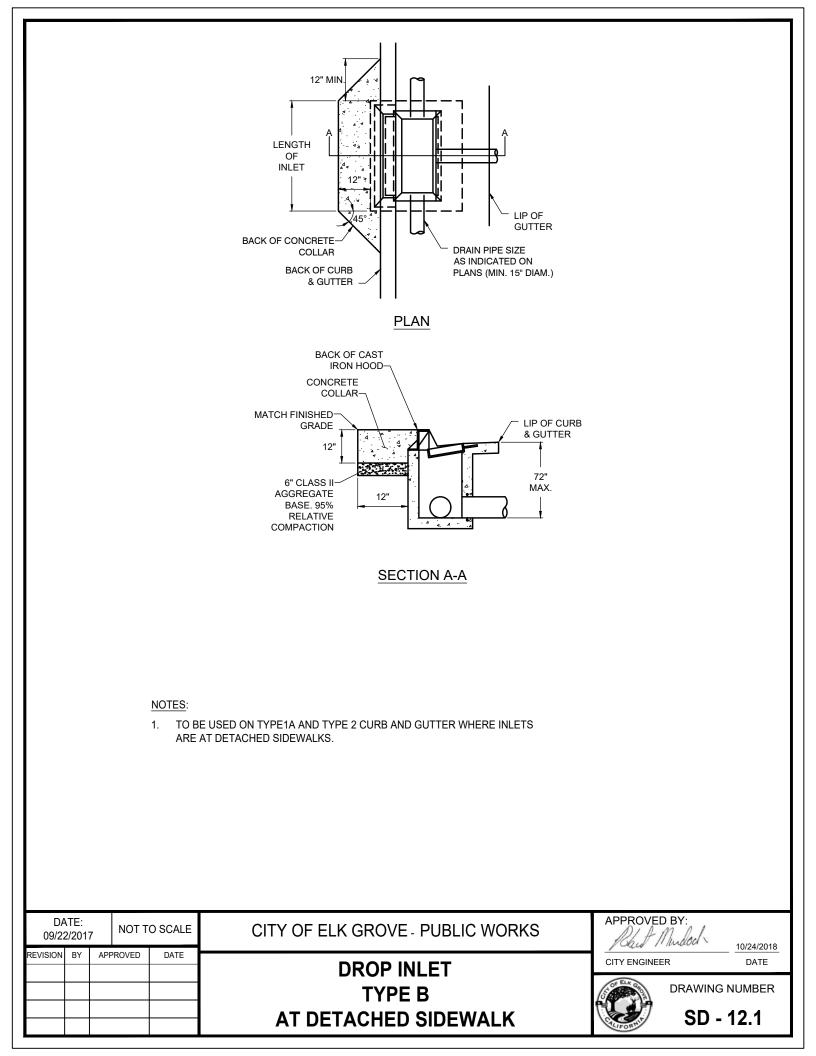


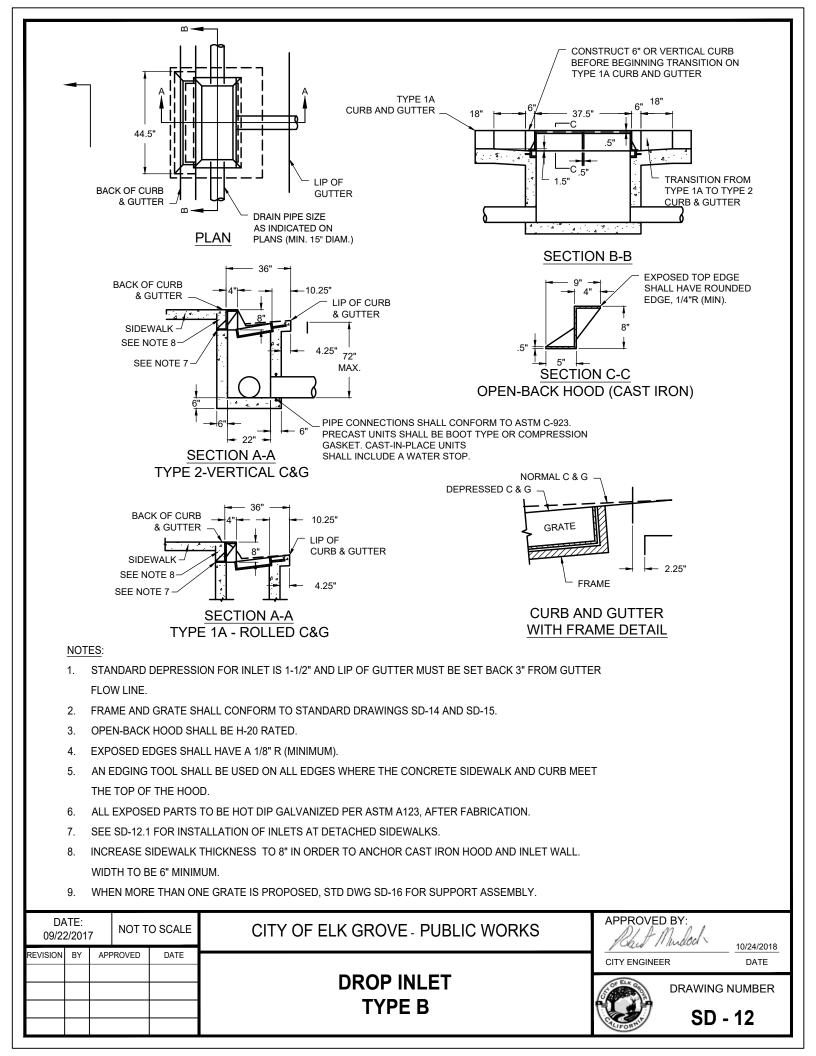


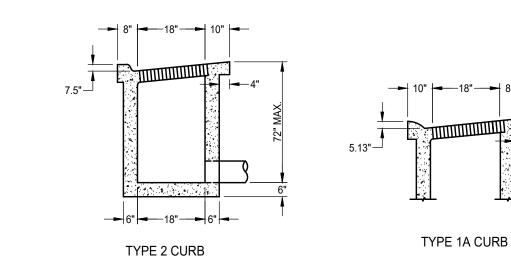
NOTES:

- 1. MANHOLE COVER SHALL FIT FRAME SHOWN ON STANDARD DRAWING SD-9.
- 2. SEATING SURFACES SHALL BE MACHINED AS SHOWN IN DETAIL ON STANDARD DRAWING SD-9.
- 3. THIS COVER MAY BE USED ONLY WITH APPROVAL OF THE CITY ENGINEER.
- 4. GALVANIZE AFTER FABRICATION.

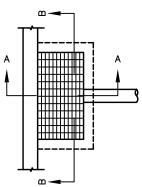
DATE: 09/22/2017			NOT TO SCALE		CITY OF ELK GROVE - PUBLIC WORKS	APPROVED BY: Black Mulloch		10/24/2018
REVISION	ISION BY A		ROVED	/ED DATE		CITY ENGINE	ER	DATE
					GRATE TYPE MANHOLE COVER		drawing	







SECTION A-A



NOTES:

8"

-−2'

- 1. STANDARD DEPRESSION FOR INLET IS 1-1/2".
- 2. FRAME AND GRATE SHALL CONFORM TO STANDARD DRAWINGS SD-14 AND SD-15.

. . .

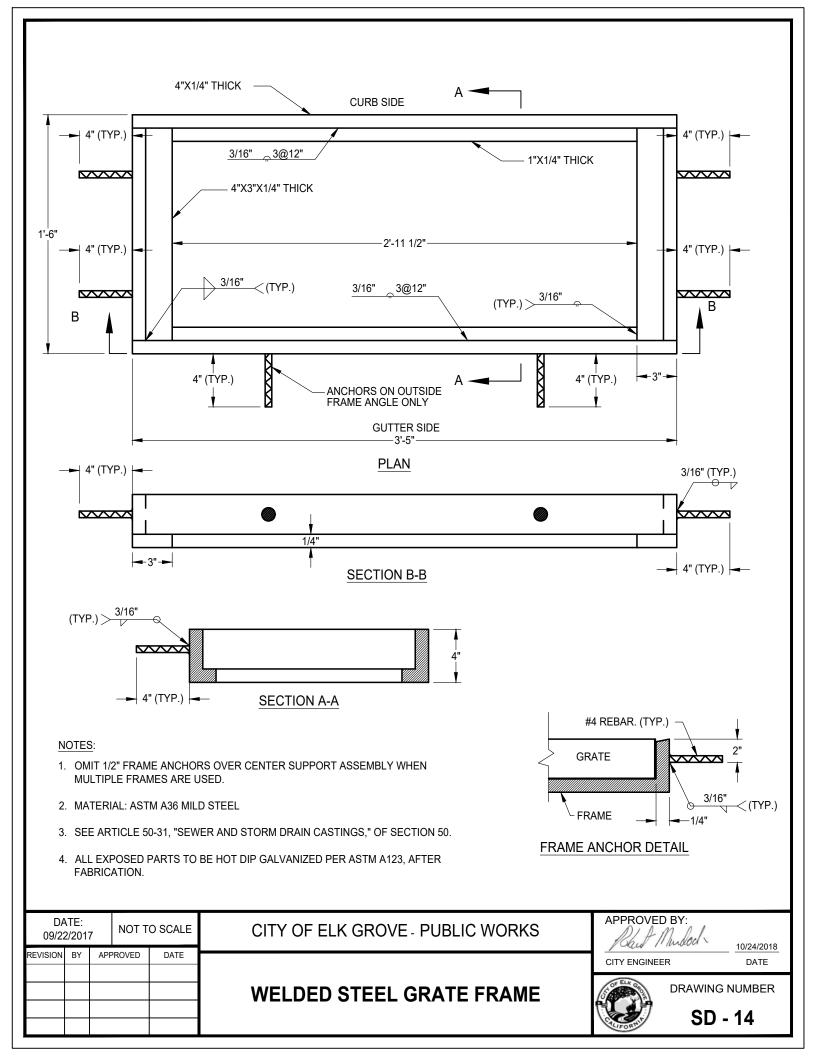
-30"-

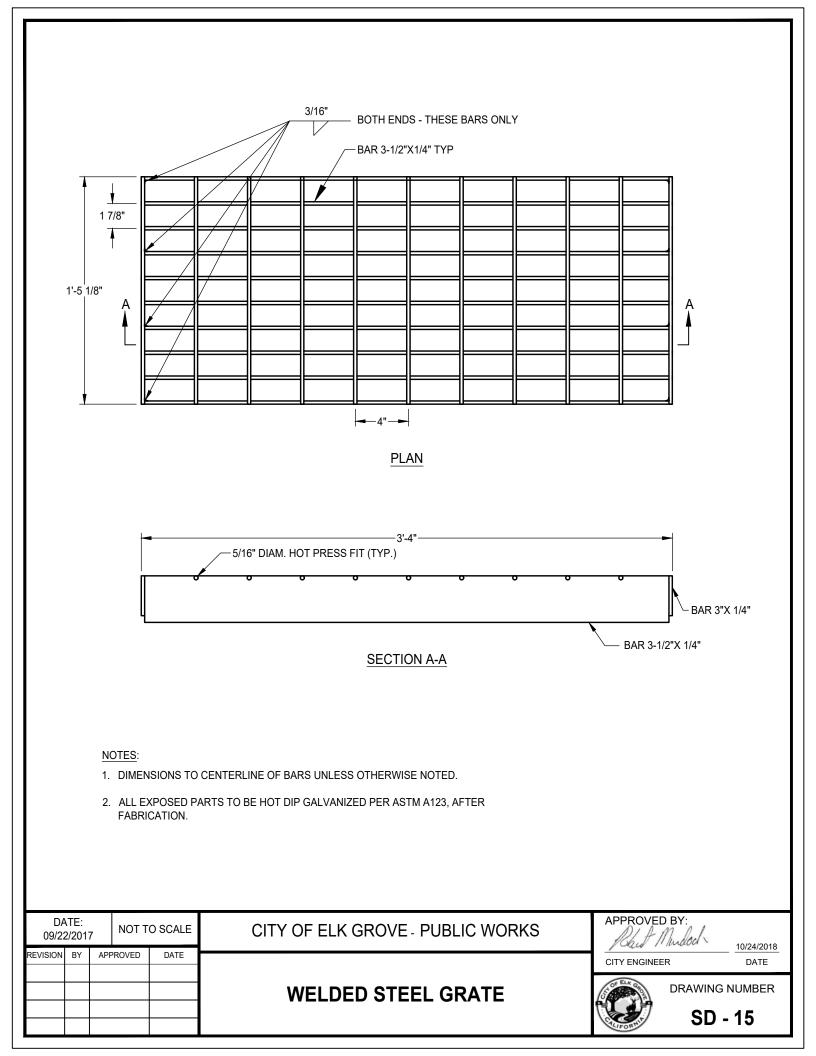
SECTION B-B

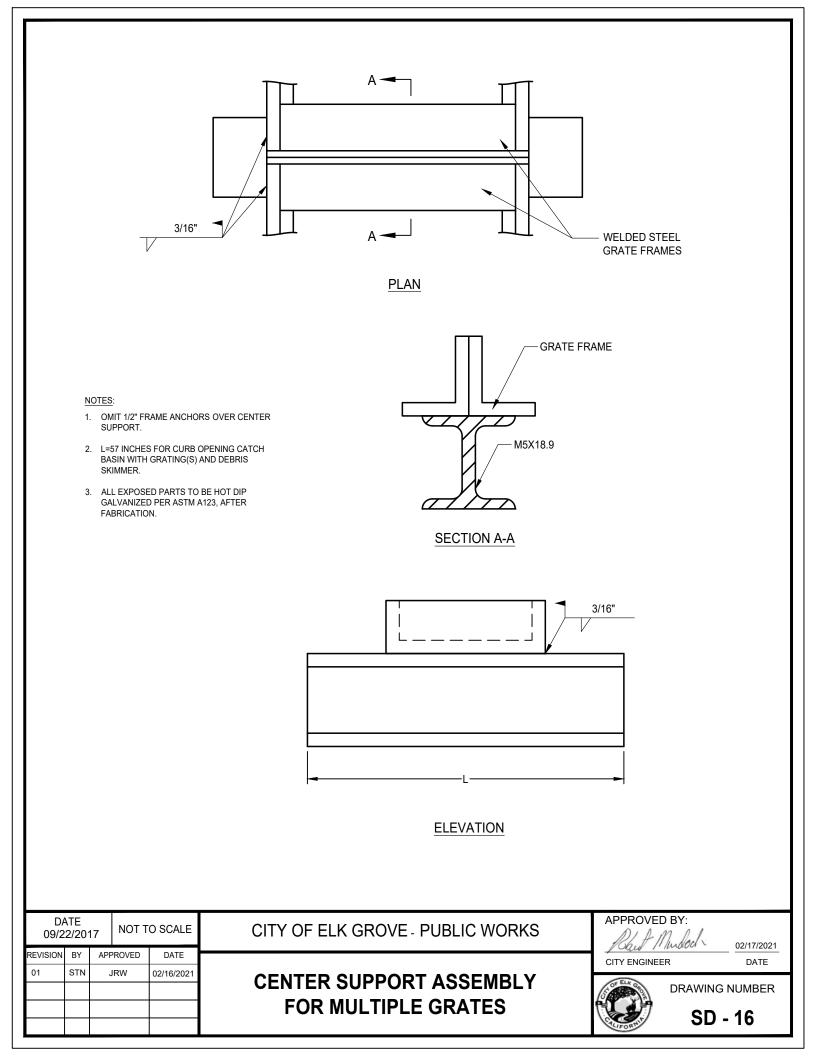
<u>-</u>1.5"

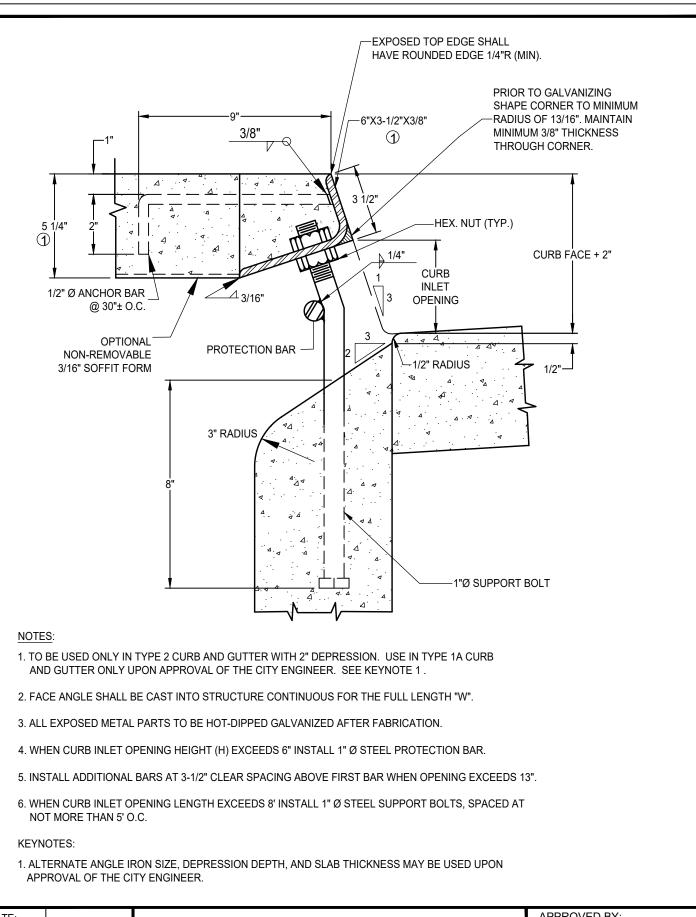
- 3. OPEN-BACK HOOD SHALL BE H-20 RATED.
- 4. ALL EXPOSED EDGES SHALL HAVE A 1/8" R (MINIMUM).
- 5. AN EDGING TOOL SHALL BE USED ON ALL EDGES WHERE THE CONCRETE SIDEWALK AND CURB MEET THE TOP OF THE HOOD.
- 6. ALL EXPOSED PARTS TO BE HOT DIP GALVANIZED PER ASTM A123, AFTER FABRICATION.

	DATE 09/22/2007		NOT TO SCALE		CITY OF ELK GROVE - PUBLIC WORKS	APPROVE	D BY: Mudoch	02/17/2021
REVISIO	-		APPROVED	DATE		CITY ENGINEER		DATE
01	B	51	JRW	02/16/2021	DROP INLET TYPE C		DRAWING	
						LIFORHIT	30.	• 13

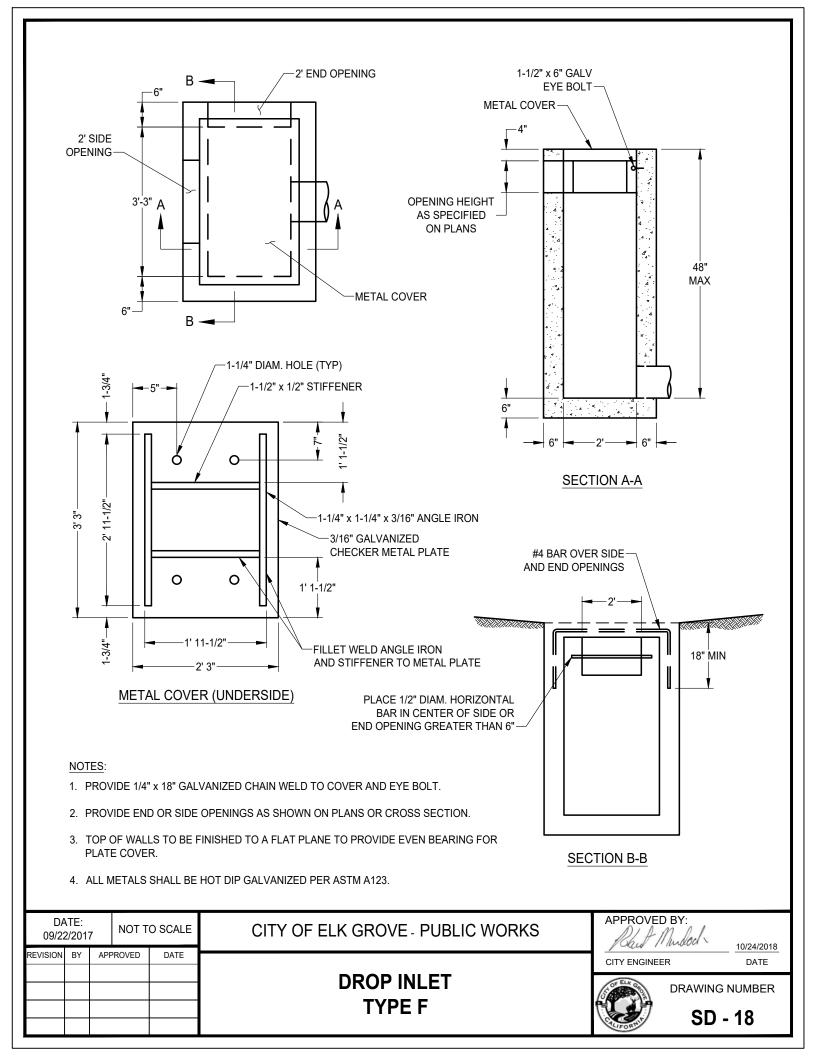


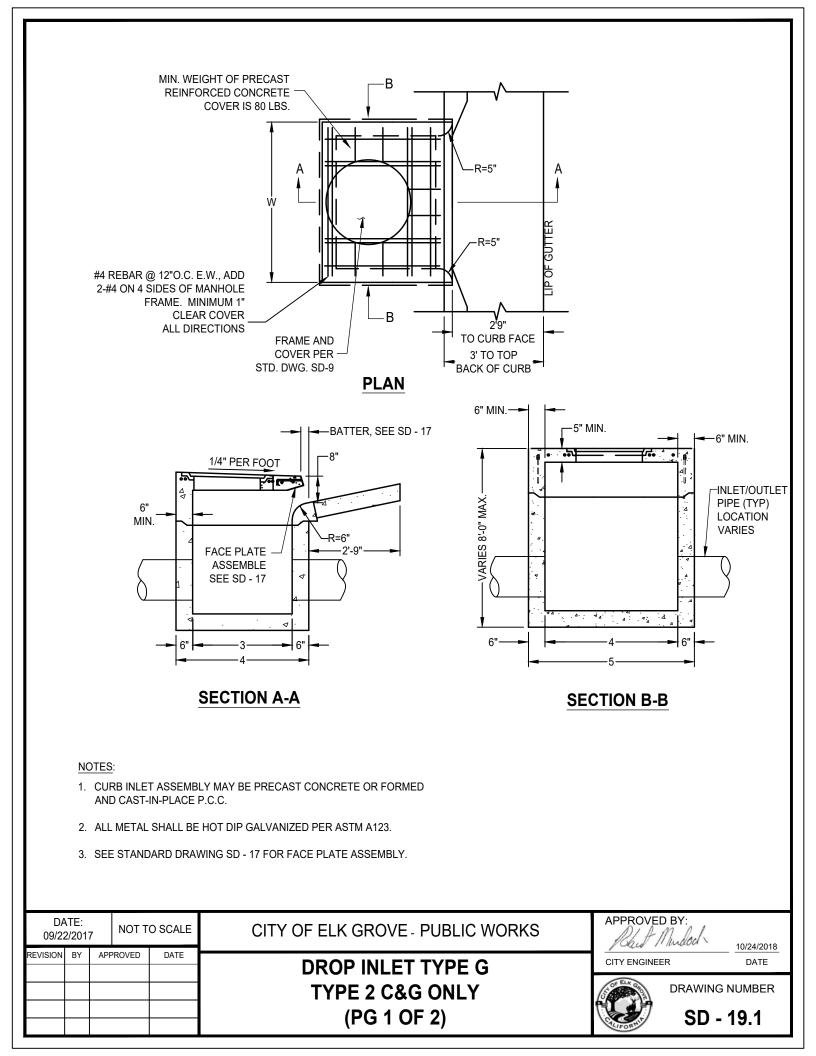




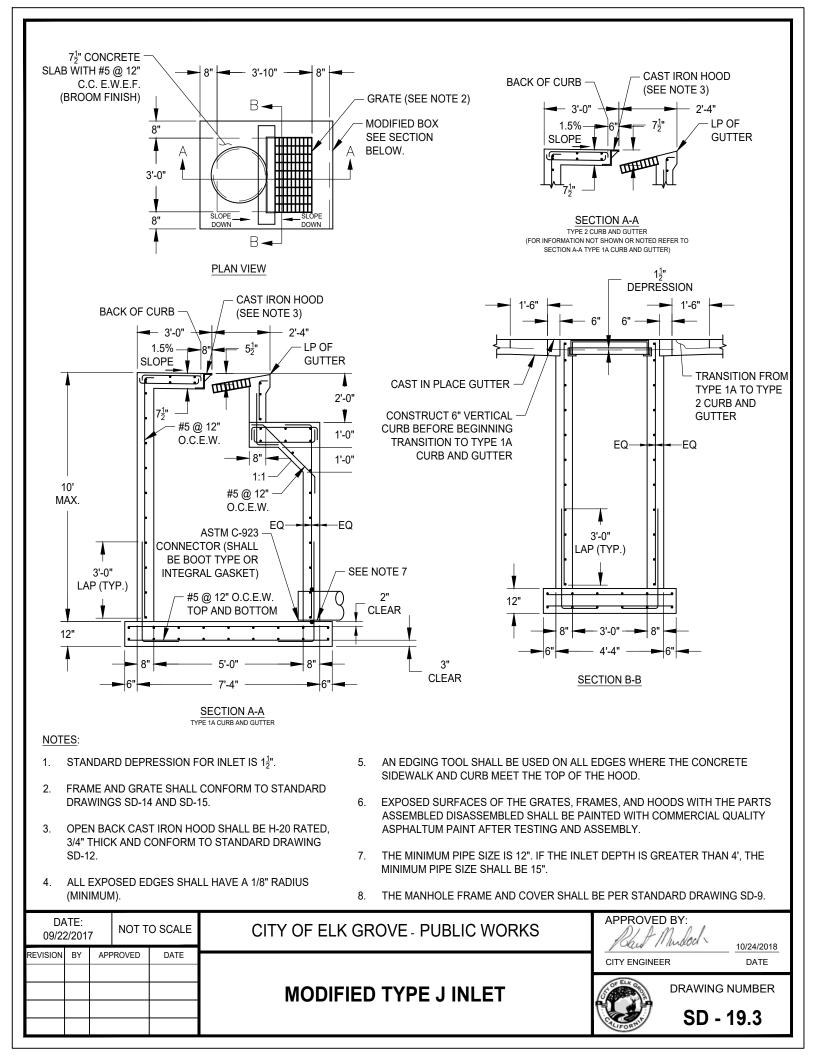


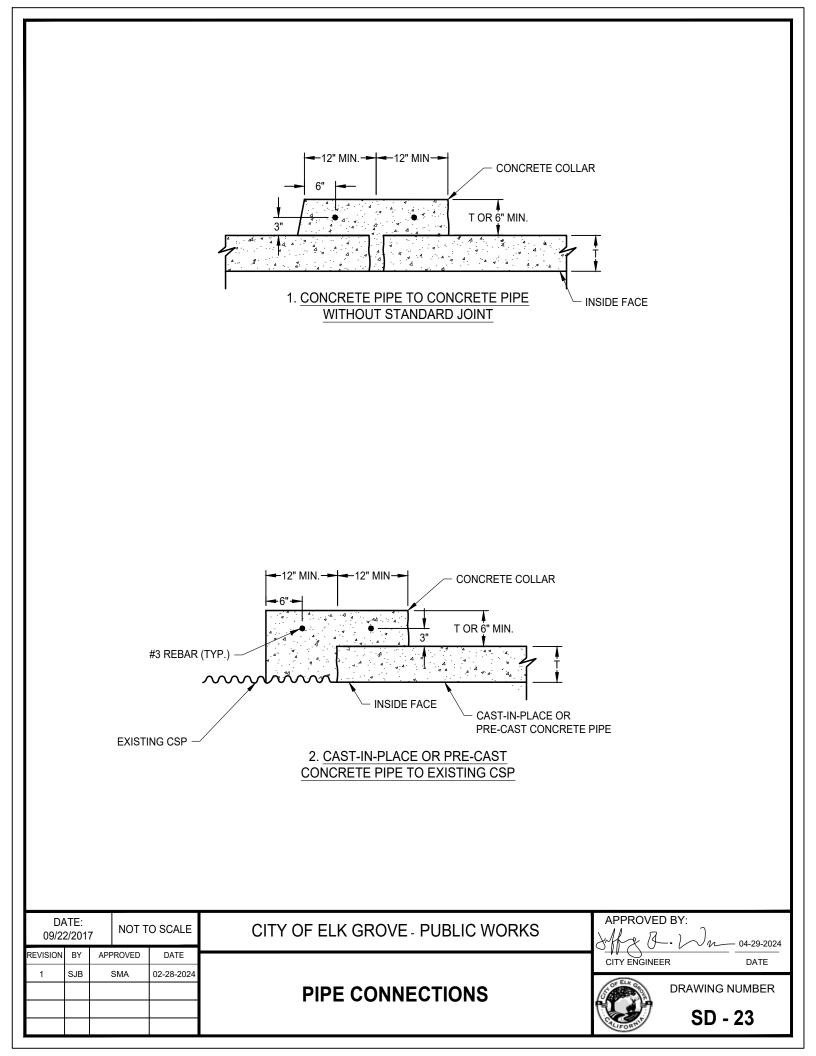
DATE: 09/22/2017		7 NOT	TO SCALE	CITY OF ELK GROVE - PUBLIC WORKS	APPROVED BY: Black Muldoch		10/24/2018
REVISION	BY	APPROVED	DATE		CITY ENGINEER	२	DATE
				CATCH BASIN FACE PLATE ASSEMBLY AND PROTECTION BAR		drawing	

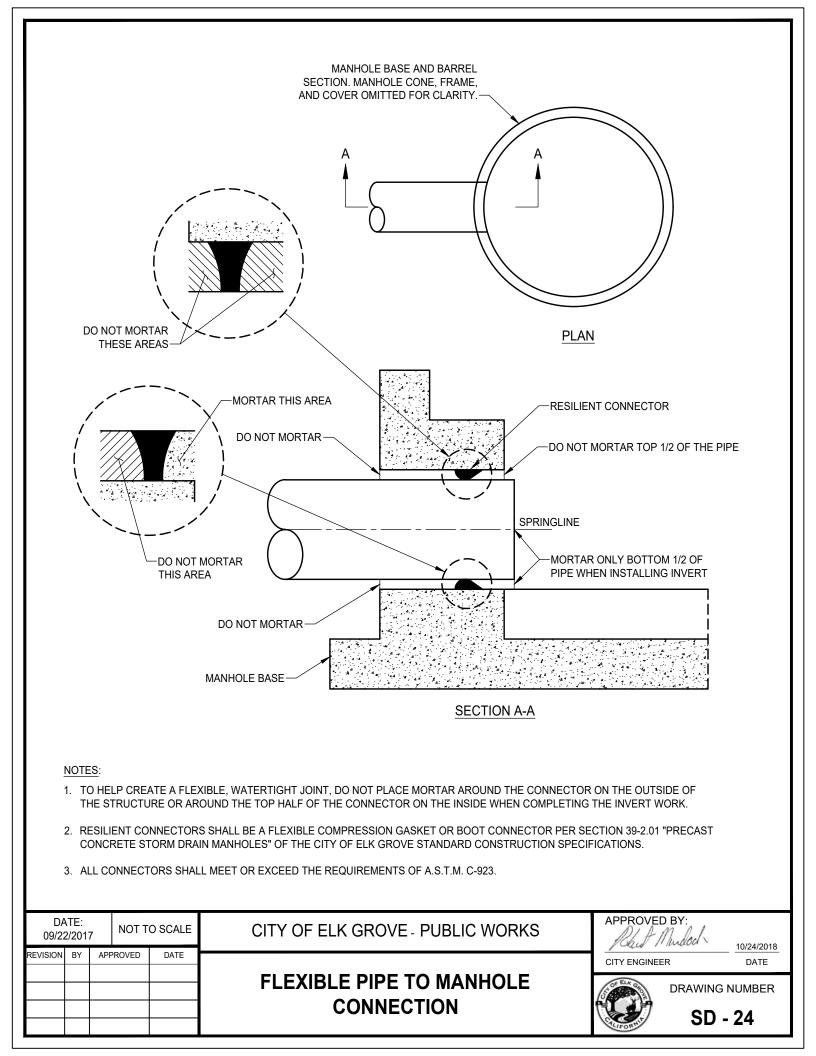


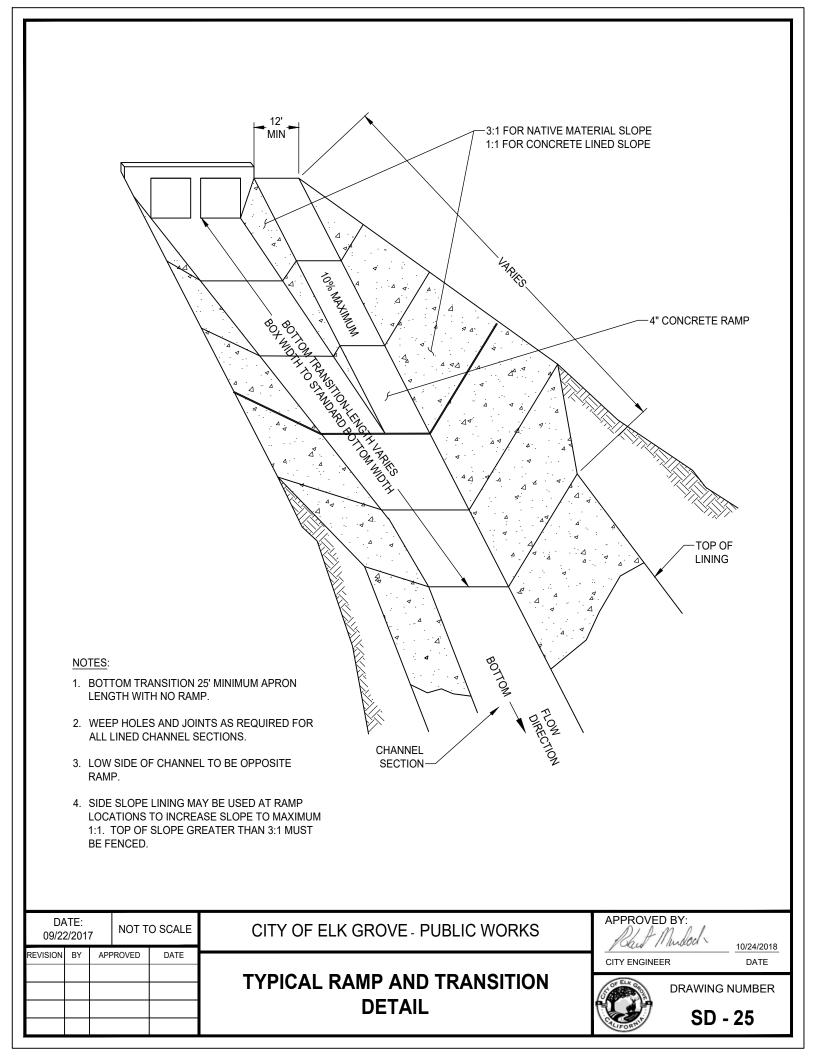


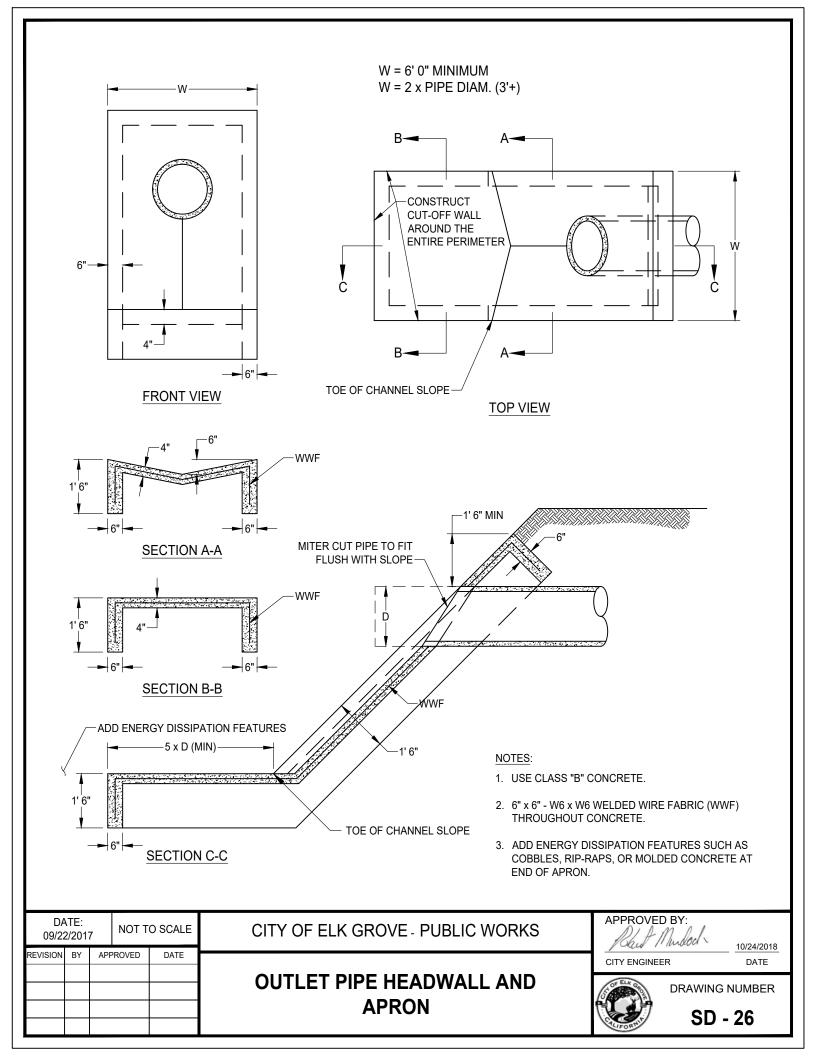
	GUTTER LIP	
GUTTE	R TRANSITION PLAN	- → →3/8" 1/8" TYP -→ →
	-24"	2-5/8" 2" 2-5/8" 2" CRITICAL
1'6"		
	LEVELING SCREWS (OPTIONAL)	WEIGHT CAST IRON COVER 91 LBS CAST IRON FRAME RING 52 LBS
NOTES:	BINLET DETAIL	
	BLY MAY BE PRECAST CONCRETE, OR FORMED AND (CAST-IN-PLACE P.C.C.
2. ALL METAL SHALL BE	E HOT DIPPED GALVANIZED ASTM A123.	
	DNFORM TO ASTM A4B, CLASS 35B	
3. ALL CASTINGS TO CO		
	TO MEET H-20 LOAD SPECIFICATIONS.	
4. FRAME AND COVER T	TO MEET H-20 LOAD SPECIFICATIONS. ARE MACHINE BEVELED TO ASSURE A CLOSE, NON I	ROCKING SURFACE.
 FRAME AND COVER T BEARING SURFACES 		
 FRAME AND COVER T BEARING SURFACES FRAME AND COVER S 	ARE MACHINE BEVELED TO ASSURE A CLOSE, NON	ERIAL CONFORMING TO ASTM 48-30.
 FRAME AND COVER T BEARING SURFACES FRAME AND COVER S SEE ARTICLE 50-31 "S 	ARE MACHINE BEVELED TO ASSURE A CLOSE, NON I SHALL HAVE A COATING OF BLACK BITUMINOUS MAT	ERIAL CONFORMING TO ASTM 48-30.
 4. FRAME AND COVER T 5. BEARING SURFACES 6. FRAME AND COVER S 7. SEE ARTICLE 50-31 "S 8. INSTALL "NO DUMPIN DATE: 09/22/2017 NOT TO SCALE 	ARE MACHINE BEVELED TO ASSURE A CLOSE, NON I SHALL HAVE A COATING OF BLACK BITUMINOUS MAT SEWER AND STORM DRAIN CASTINGS" OF SECTION 5 IG, DRAINS TO CREEK" PLACARD ON TOP OF CURB.	ERIAL CONFORMING TO ASTM 48-30. 0, CONSTRUCTION SPECIFICATIONS.
 4. FRAME AND COVER T 5. BEARING SURFACES 6. FRAME AND COVER S 7. SEE ARTICLE 50-31 "S 8. INSTALL "NO DUMPIN DATE: NOT TO SCALE 	ARE MACHINE BEVELED TO ASSURE A CLOSE, NON I SHALL HAVE A COATING OF BLACK BITUMINOUS MAT SEWER AND STORM DRAIN CASTINGS" OF SECTION 5 IG, DRAINS TO CREEK" PLACARD ON TOP OF CURB.	ERIAL CONFORMING TO ASTM 48-30. 10, CONSTRUCTION SPECIFICATIONS. LIC WORKS APPROVED BY: Man Mulcol 10/24/2018
 4. FRAME AND COVER T 5. BEARING SURFACES 6. FRAME AND COVER S 7. SEE ARTICLE 50-31 "S 8. INSTALL "NO DUMPIN DATE: 09/22/2017 NOT TO SCALE 	ARE MACHINE BEVELED TO ASSURE A CLOSE, NON I SHALL HAVE A COATING OF BLACK BITUMINOUS MAT SEWER AND STORM DRAIN CASTINGS" OF SECTION 5 IG, DRAINS TO CREEK" PLACARD ON TOP OF CURB.	ERIAL CONFORMING TO ASTM 48-30. 10, CONSTRUCTION SPECIFICATIONS. LIC WORKS PE G APPROVED BY: <u>Bhill Muloch</u> <u>10/24/2018</u> DATE

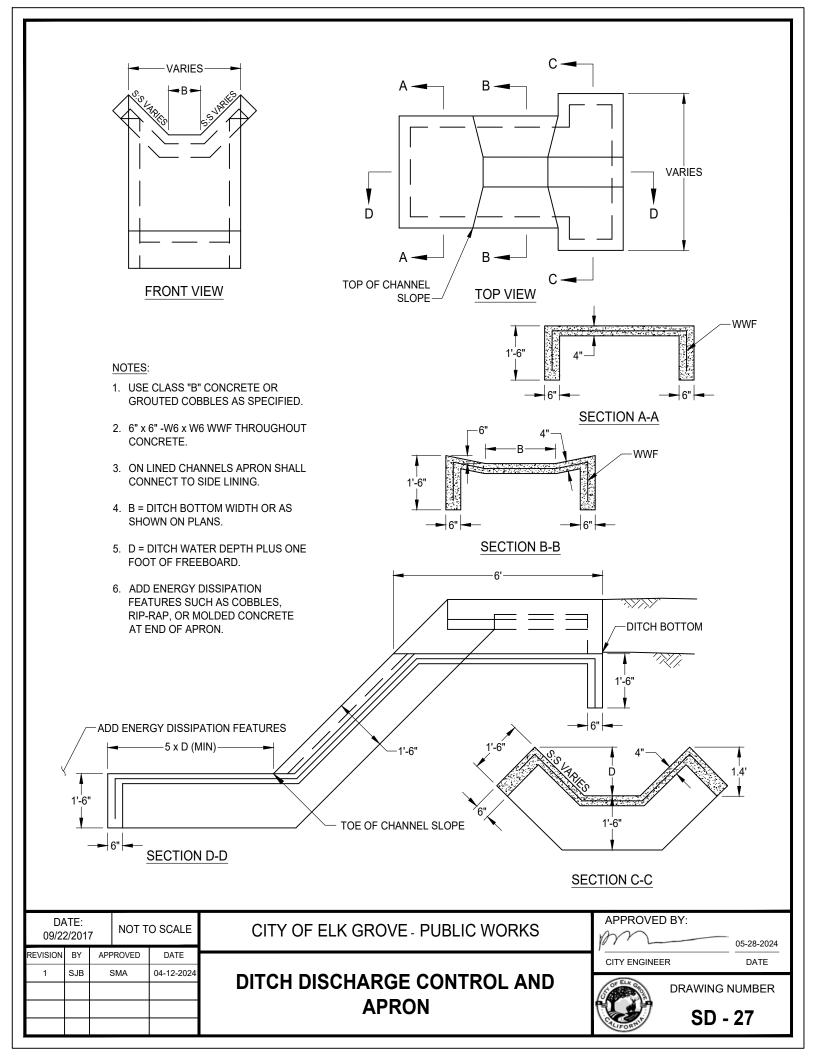






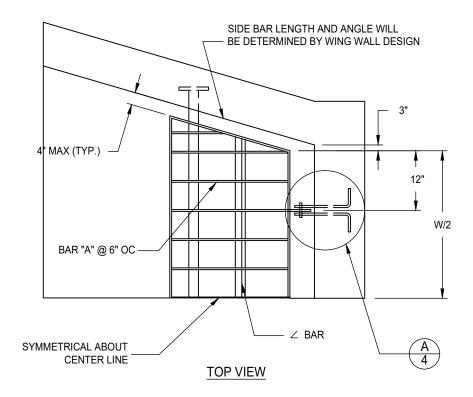


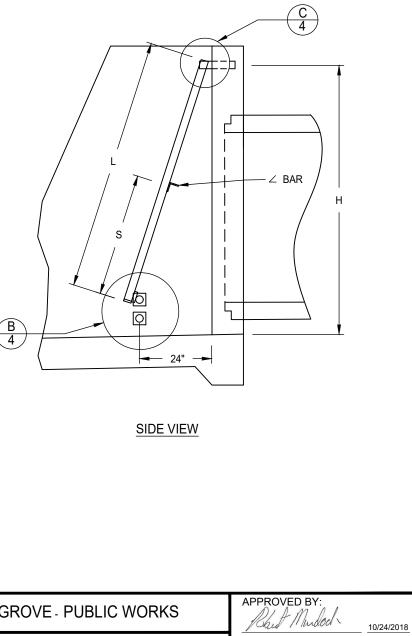




PIPE DIA.		QUANTITY*	BAR "A"	H	W		S (INI)
(IN)	(IN)	BAR "A"	SIZE (IN)	(IN)	(IN)	(IN)	(IN)
24	30	11	3/8x2 1/2	46	48	40	18
27	33.5	11	3/8x2 1/2	50	48	42	19
30	37	11	3/8x2 1/2	53	48	46	21
33	40.5	11	3/8x2 1/2	57	48	52	24
36	44	13	3/8x2 1/2	60	60	52	24

***INCLUDES OUTSIDE FRAME**





DATE: 09/22/2007 NOT TO SCALE CITY OF ELK GROVE - PUBLIC WORKS REVISION BY APPROVED DATE TRASH RACK 24"-36" PIPE (SHEET 1 OF 4) CITY ENGINEER APPROVED BY: CITY ENGINEER APPROVED BY: CITY ENGINEER DATE DATE DRAWING NUMBER SD - 28.1

