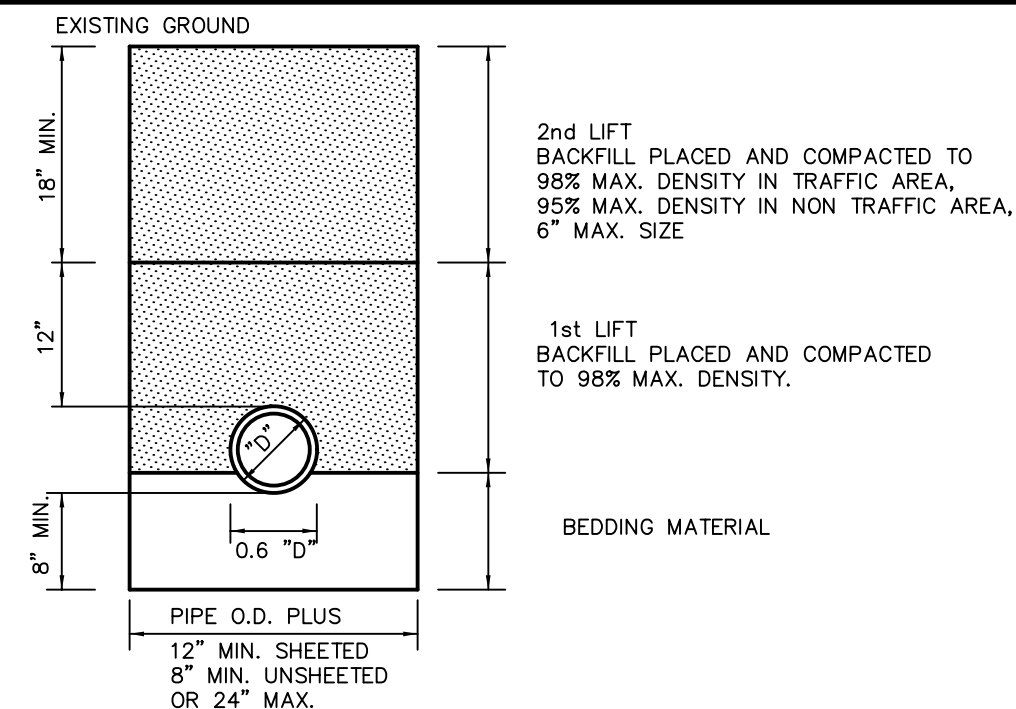
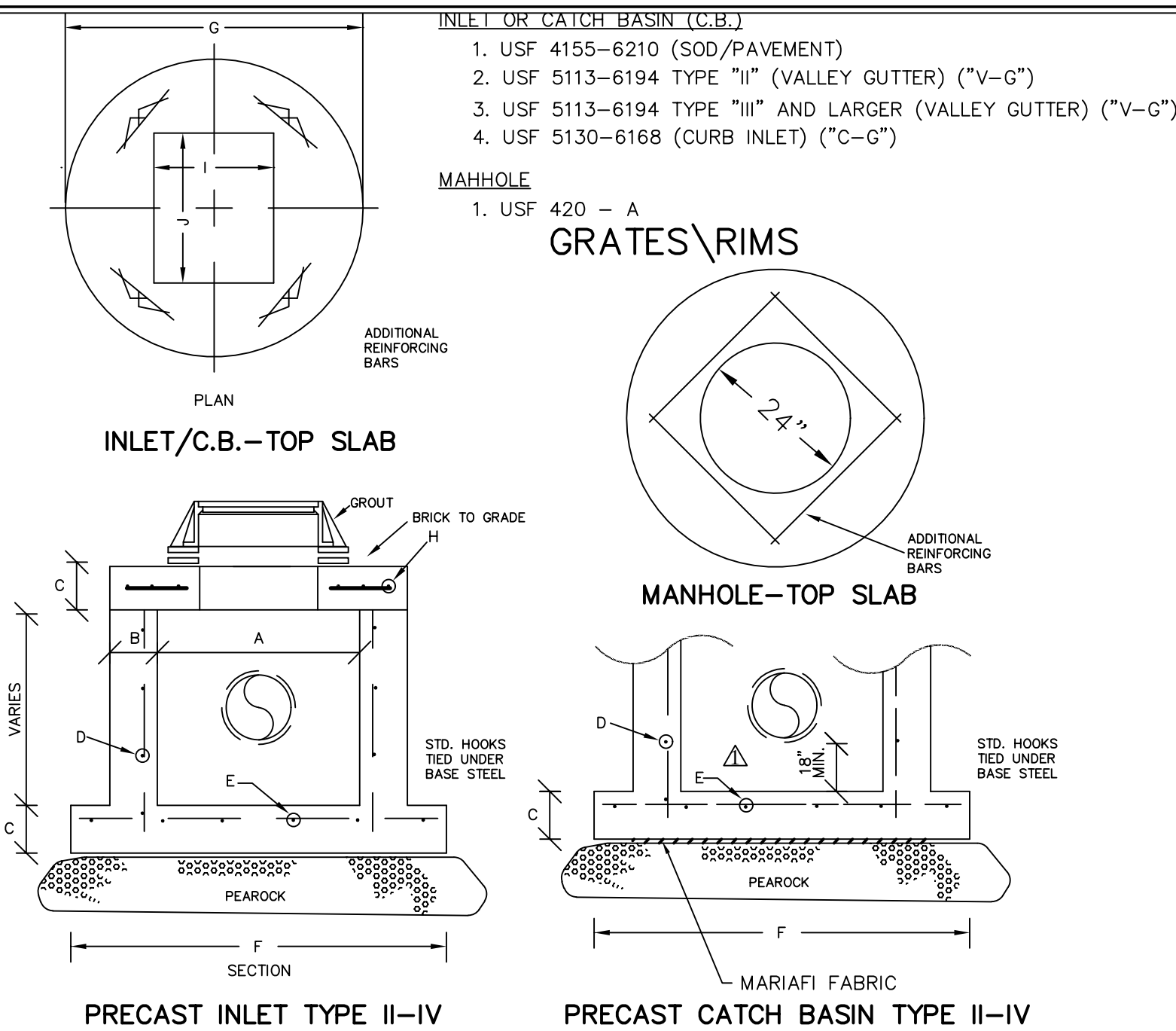


NOTES: 1. ROADWAY SUBGRADE SHALL IN ALL CASES EXTEND BELOW CURBING  
2. SAWCUTS AT 10' CENTERS SHALL BE MADE WITHIN 24 HOURS  
OF CONCRETE PLACEMENT.

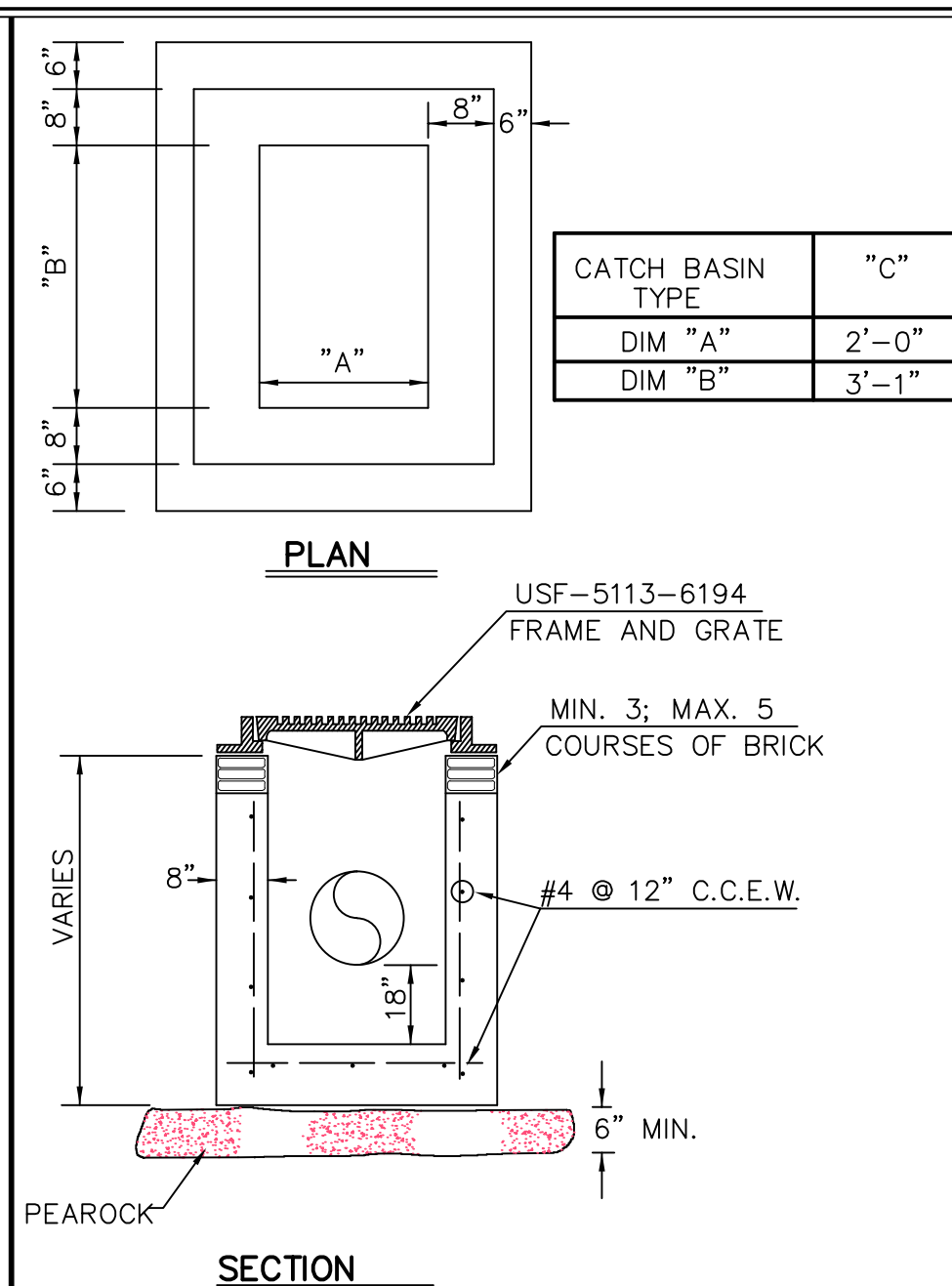
CURB AND GUTTER



TYPICAL TRENCH EXCAVATION  
N.T.S.

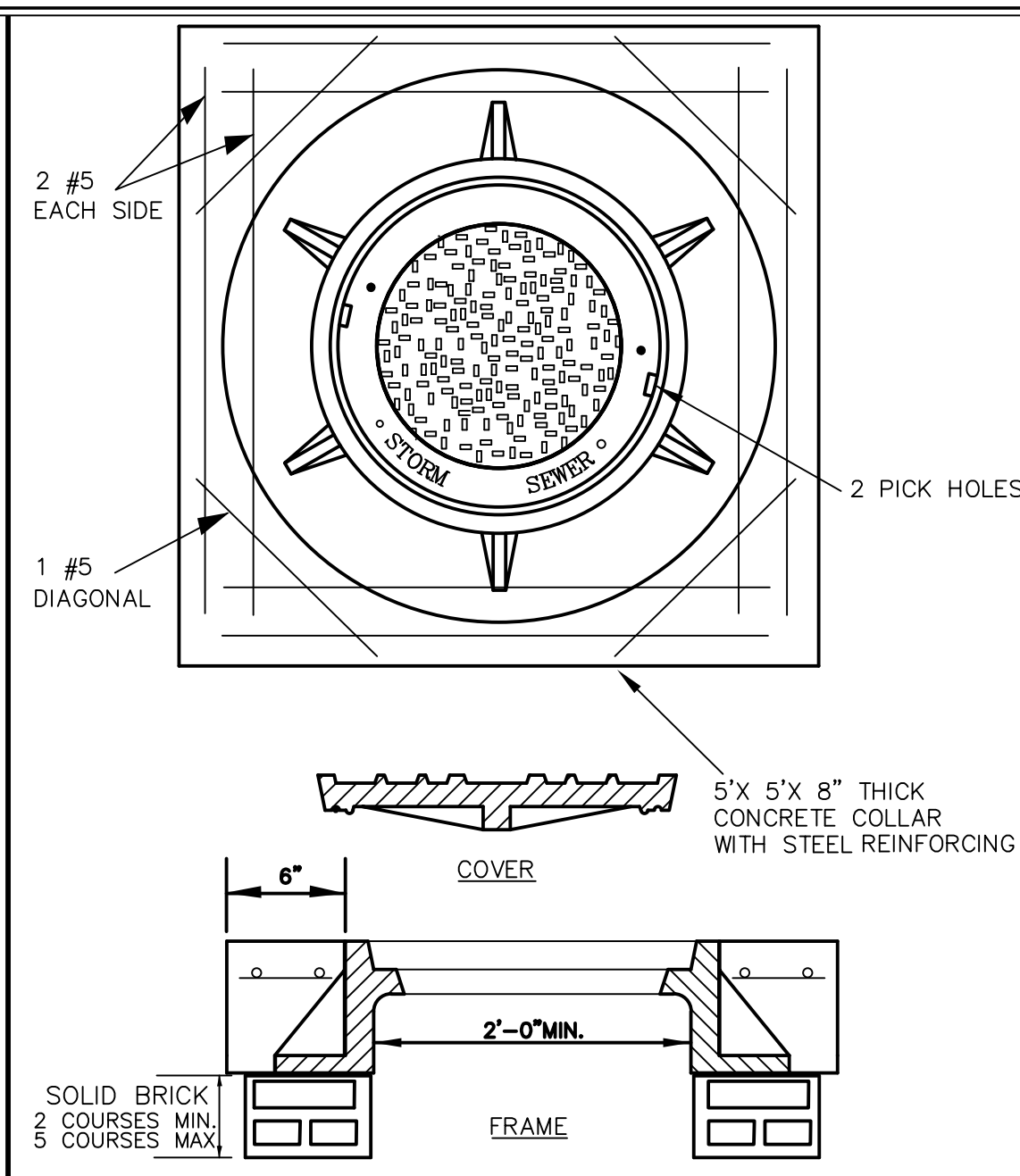


PIPE DIA.	TYPE	"A"	"B"	"C"	"D"	"E"	"F"	"G"	"H"	"I"	"J"
15"-24"	II	4'-0" $\Phi$	8"	8"	#4 @ 12" C.C.E.W.	#4 @ 12" C.C.E.W.	6'-4" $\Phi$	5'-4" $\Phi$	#4 @ 6" C.C.E.W.	22"	22"
30"-36"	III	5'-0" $\Phi$	8"	8"	#5 @ 12" C.C.E.W.	#5 @ 12" C.C.E.W.	7'-4" $\Phi$	6'-4" $\Phi$	#5 @ 8" C.C.E.W.	22"	46"
42"-48"	IV	6'-0" $\Phi$	8"	10"	#5 @ 12" C.C.E.W.	#5 @ 6" C.C.E.W.	8'-4" $\Phi$	7'-4" $\Phi$	#5 @ 6" C.C.E.W.	22"	46"
54"	V	8'-0" $\Phi$	10"	10"	2-W.W.M. W/4" C.C. PT	#5 @ 6" C.C.E.W.	10'-8" $\Phi$	9'-8" $\Phi$	#5 @ 6" C.C.E.W.	22"	46"



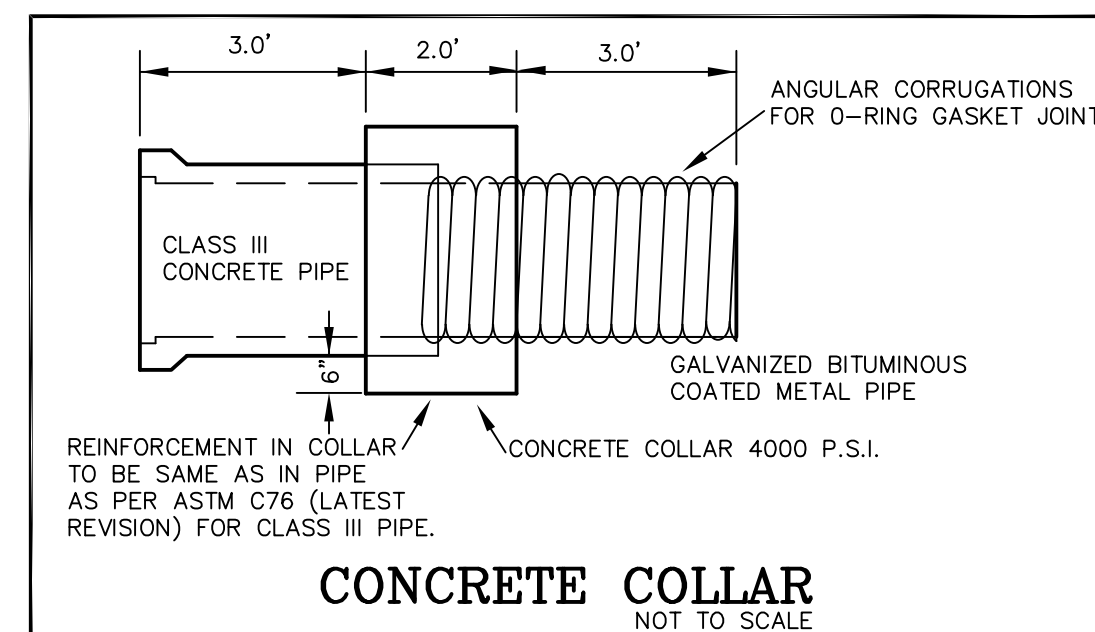
**NOTE:**  
PROVIDE 8" TOP SLAB &  
USF 5113-6194 VALLEY GUTTER FOR  
TYPE "E" VALLEY GRATE

PRECAST CATCH BASIN  
TYPE "C"



NOTES:

1. COLLAR IS REQUIRED ONLY WHEN MANHOLE IS OUT OF PAVEMENT.
2. FRAME AND COVER SHALL BE U.S. FOUNDRY 420 A (OR EQUAL).



**NOTES:**

- ELEVATIONS SHOWN ARE IN NAVD 88 DATUM
- ALL DRAINAGE SYSTEMS SHALL BE PUMPED COMPLETELY DRY AND LAMPED AS A REQUIREMENT OF THE FINAL DRAINAGE INSPECTIONS.

