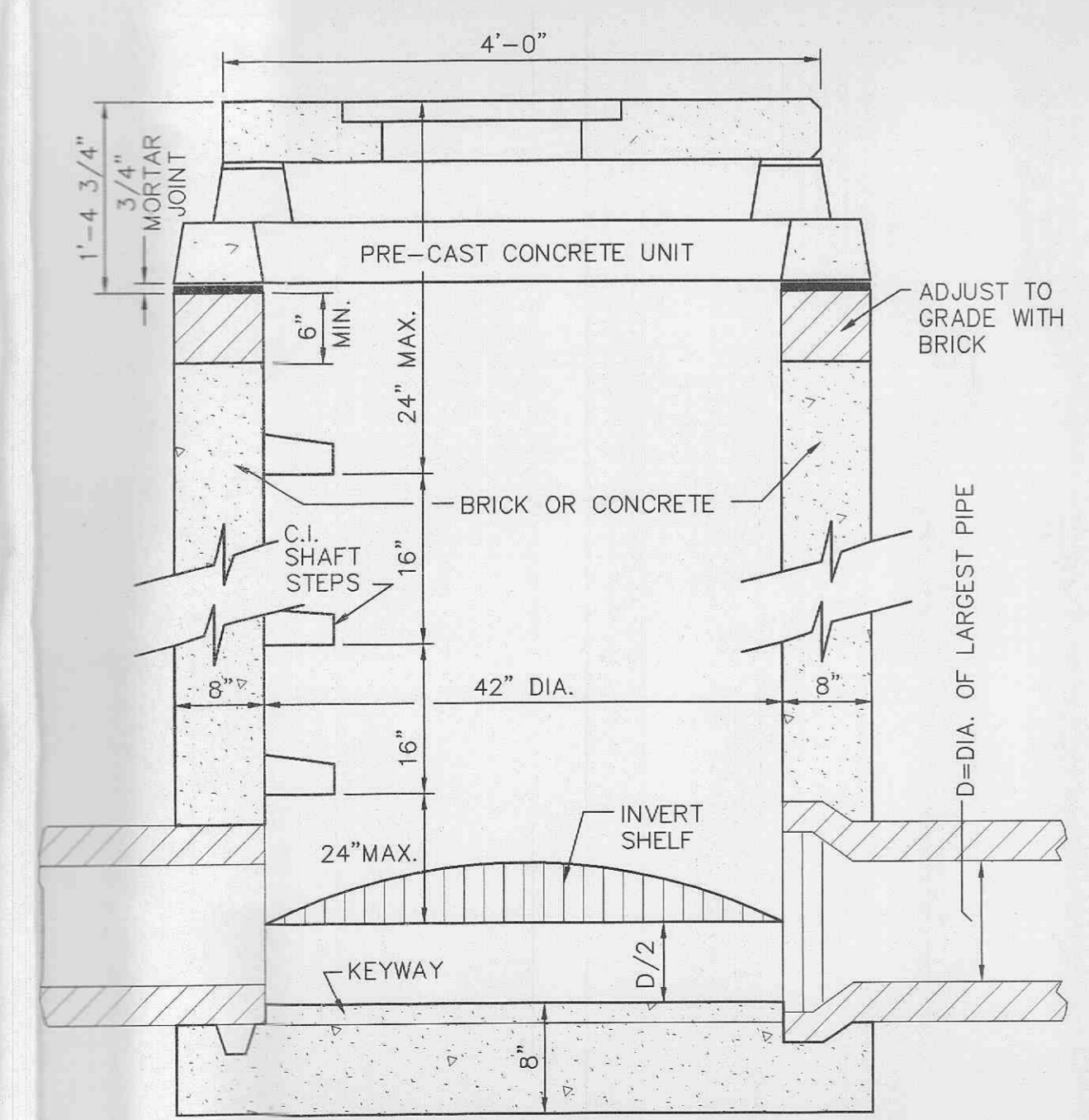


BAX PROJECT NAME : LOT 6 PERUQUE
BAX PROJECT NO. : 00-11282H
DESIGN DATE : 6-8-04
DESIGNED BY : SWR
15 YEAR HYDRAULICS
SUBMITTED: 6-8-04 FILENAME: 11282H

UPP STR	LOW STR	L	DIA	UPPER FL LN	LOWER FL LN	PS	UPPER ST EL	DEPTH HY GR	UPPER HY EL	LOWER HY EL	HYDR GRADE	FR HEAD	VEL	VEL HEAD	JUNC LOSS	TURN LOSS	CURVE LOSS	STR GRADE	INL CAP	DR AREA	PI	Q	TQ	PIPE CAP	REMARKS	
AT126	G1125	112	12	529.11	528.00	0.99	535.92	5.97	529.95	529.91	.00020	0.03	0.69	0.01	0.01	0.00	0.00		0.00	0.00	0.00	0.00	0.54	3.55	1	HW=529.91

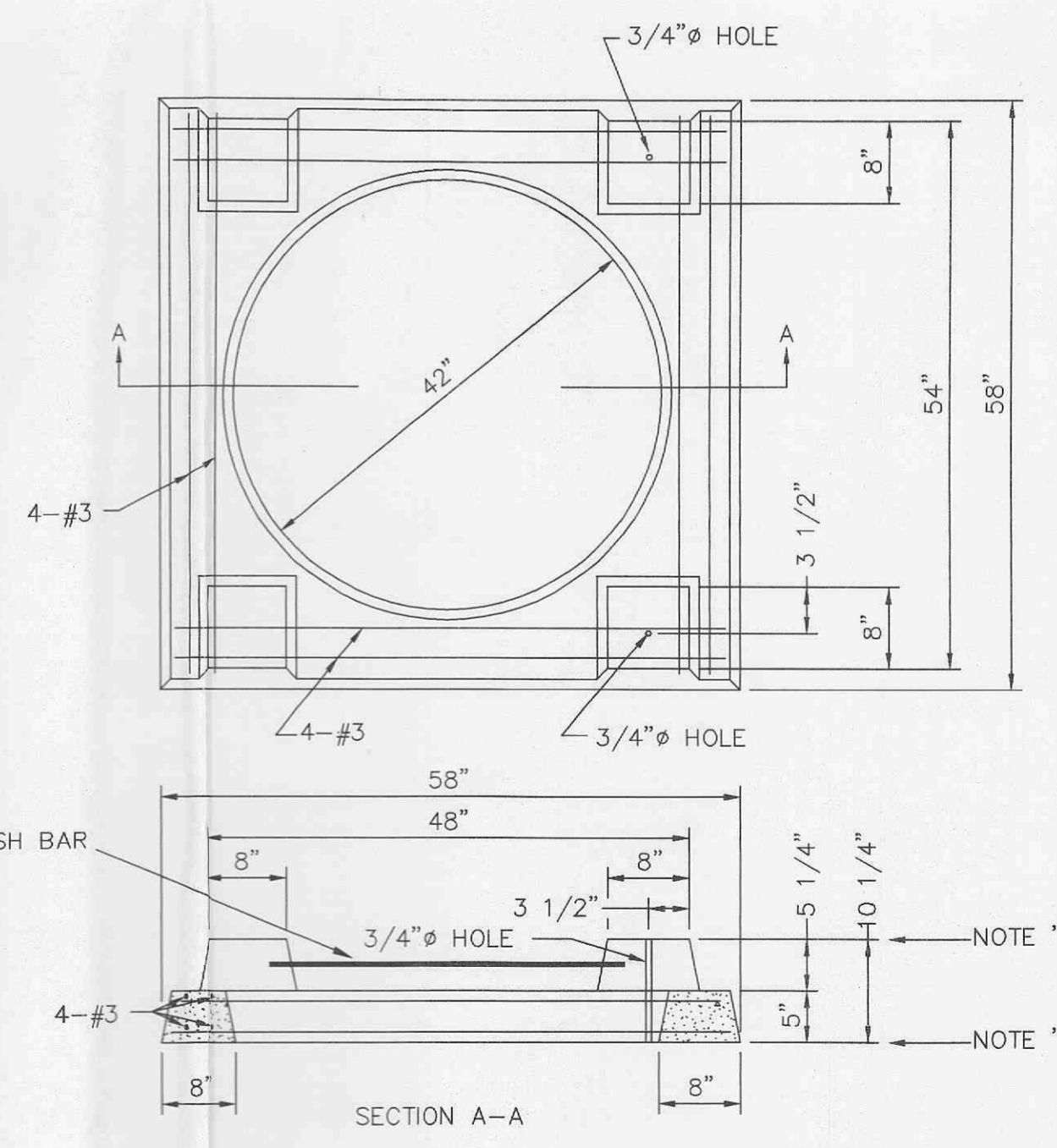
* INDICATES CRITICAL DEPTH
STORM SEWER DOWNSTREAM HAS ADEQUATE CAPACITY AS APPROVED BY THE CITY

NOTE: FOR SEWERS 27" THRU 36"
SEE DETAIL SHEET #9 FOR BOTTOM SECTION



ROUND PIPE				HORIZONTAL ELLIPTICAL PIPE			
Inside Diameter of Pipe (Inches)	"W" Payline Width of Trench (Inches)	"W" Payline Width of Trench (Feet)	Pay-volumes cu. ft. per ft. Concrete Encasement	Inside Diameter of Pipe (Inches)	"W" Payline Width of Trench (Inches)	"W" Payline Width of Trench (Feet)	Pay-volumes cu. ft. per ft. Concrete Encasement
4	28	2.33	3.20				
6	28	2.33	3.46				
8	28	2.33	3.70				
10	28	2.33	3.86				
12	28	2.33	3.98				
15	32	2.67	4.89				

TABLE NO. 1
PAYLINE WIDTHS OF TRENCH AND
PAY-QUANTITIES OF CONCRETE



4000 P.S.I. CONCRETE REQUIRED
NOTES:
A. SET STANDARD INLET STONE IN 3/4" MORTAR BED AND DOWEL WITH 5/8" 1'-0" LONG PINS AND GROUT.
B. RAISE TO FINAL GRADE WITH COURSES OF BRICK AND SET THE UNIT TO BASE WITH 3/4" MORTAR BED.
C. THIS UNIT TO BE USED WITH 42" I.D., POURED IN PLACE CONCRETE OR BRICK BASE.

PRECAST CONCRETE UNIT
FOR
4-WAY AREA INLET

UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE INFORMATION AND THEREFORE THEIR LOCATIONS SHALL BE CONSIDERED APPROXIMATE ONLY. THE VERIFICATION OF THE LOCATION OF ALL UNDERGROUND UTILITIES, EITHER SHOWN OR NOT SHOWN ON THESE PLANS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, AND SHALL BE LOCATED PRIOR TO ANY GRADING OR CONSTRUCTION OF THE IMPROVEMENTS.