

NOTE:

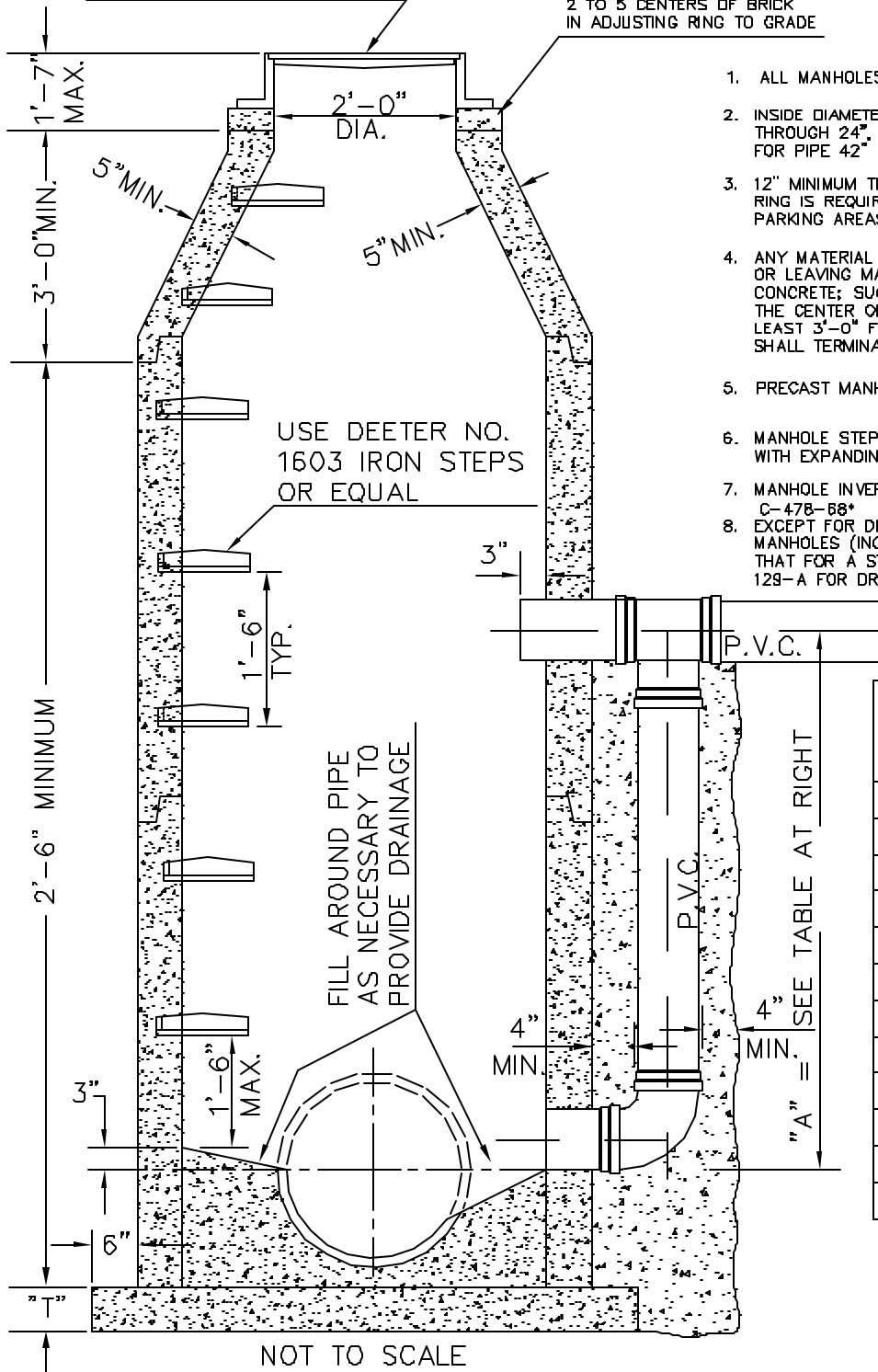
SEE STANDARD PLAN NO. 130-A
FOR DETAIL OF RING & COVER &
PLAN VIEW

MANHOLE RING & COVER TO BE
DEETER NO. 1030 OR EQUAL, WITH
MACHINED EDGES & MINIMUM WEIGHT
OF 450 LBS.

USE ADJUSTING RINGS OR
2 TO 5 CENTERS OF BRICK
IN ADJUSTING RING TO GRADE

MANHOLE NOTES

1. ALL MANHOLES RINGS TO BE SET IN MORTAR.
2. INSIDE DIAMETER OF MANHOLES TO BE 4'-0" FOR PIPE THROUGH 24", 5'-0" FOR PIPE 27" THROUGH 36", & 6'-0" FOR PIPE 42" THROUGH 48" IN SIZE & 7'-0" FOR 54" PIPE.
3. 12" MINIMUM THICKNESS ADJUSTING RINGS UNDER MANHOLE RING IS REQUIRED WHEN MANHOLE IS LOCATED IN ROADWAYS, PARKING AREAS, SIDEWALKS, ETC.
4. ANY MATERIAL EXCAVATED BENEATH PIPE ENTERING OR LEAVING MANHOLES SHALL BE REPLACED WITH CONCRETE; SUCH CONCRETE FILL SHALL EXTEND TO THE CENTER OF THE PIPE FOR A DISTANCE OF AT LEAST 3'-0" FROM THE FACE OF THE MANHOLE AND SHALL TERMINATE AT A BELL
5. PRECAST MANHOLE CIRCULAR SECTIONS TO BE PER A.S.T.M.
6. MANHOLE STEPS IN PRECAST MANHOLES TO BE GROUTED WITH EXPANDING GROUT.
7. MANHOLE INVERTS SHALL BE POURED CONCRETE, * C-478-58*
8. EXCEPT FOR DROP ASSEMBLY, THE CONSTRUCTION OF DROP MANHOLES (INCLUDING MATERIALS) SHALL BE SIMILAR TO THAT FOR A STD. MANHOLE. SEE STD. PLAN NO. 129 & 129-A FOR DROP MANHOLE DETAILS



FILL AROUND PIPE
AS NECESSARY TO
PROVIDE DRAINAGE

I.D. INCOMING PIPE	I.D. DROP PIPE	"A" MINIMUM
8"	8"	2'-0"
10"	10"	2'-0"
12"	12"	2'-0"
15"	12"	2'-0"
18"	15"	2'-2"
21"	18"	2'-7"
24"	18"	2'-9"
27"	18"	2'-10"
30"	18"	3'-1"
36"	18"	3'-4"
42"	AS DIRECTED BY	
48"	CITY ENGINEER	

* ALL CONCRETE TO
CONFORM TO DIVISION
II CONCRETE PAVING
SPECIFICATIONS.

NOT TO SCALE
"T" = 6" FOR 4' DIAMETER MANHOLE
"T" = 8" FOR 5" DIAMETER MANHOLE