





NOTES:

- 1. SLOPE INVERT OF JUNCTION BOX TO MATCH PIPE FLOW LINES.
- LAYERS OF REINFORCING STEEL NEAREST THE INTERIOR AND EXTERIOR SURFACE SHALL HAVE A COVER OF 2 INCHES TO THE BARS, UNLESS OTHERWISE NOTED.
- 3. CONCRETE SHALL BE CLASS C, 5 1/2 SACK, 3600 PSI.
- 4. REINFORCING STEEL TO BE GRADE 60.
- TRAFFIC RATED MANHOLE LID SHALL BE USED UNLESS OTHERWISE SPECIFIED. (*SEE STORM DRAIN MANHOLE COVER & FRAME DETAIL)
- 6. OUTSIDE CONCRETE PAVED AREAS, JUNCTION BOXES SHALL BE INSTALLED WITH 4'X4' CONCRETE PAD WITH MANHOLE COVERS IN CENTER OF PAD. THE CONCRETE PAD SHALL MATCH PAVEMENT THICKNESS WITHIN ASPHALT PAVEMENT, OR BE 6" THICK OUTSIDE ALL PAVED AREAS. CONCRETE PADS SHALL BE REINFORCED WITH FOUR NO. 4 REBARS AROUND THE CONCRETE PAD.
- STEPS ARE REQUIRED UNDER ALL MANHOLES FOR JUNCTION BOXES WITH A DEPTH OF 4 FEET OR GREATER (*SEE NON-CORROSIVE STEP DETAIL).

JUNCTION BOX MAY BE RECTANGULAR BUT NOT LESS THAN 4 FEET IN SHORT DIRECTION.

STORM DRAIN JUNCTION BOX (4', 5' OR 6' WIDTHS)

NTS REV: 4/29/21



CITY OF ARLINGTON, TEXAS

STORM DRAIN JUNCTION BOX

	DATE:	SCALE: NTS	SHEETOF
	DESIGNED BY:	DRAWN BY:	CHECKED BY: