NOTES:

1. SLOPE INVERT OF JUNCTION BOX TO MATCH PIPE FLOW LINES.

2. 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.

5. TRAFFIC RATED MANHOLE UD 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.

7. STEPS ARE REQUIRED UNDER ALL MANHOLE BOXES WITH A DEPTH OF 4 FEET OR GREATER (**SEE NON-CORROSION 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)

REV: 4/29/21

CITY OF ARLINGTON, TEXAS

STORM DRAIN JUNCTION BOX

NTS

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CONTRACTOR

[Diagram details not transcribed due to the nature of the content]