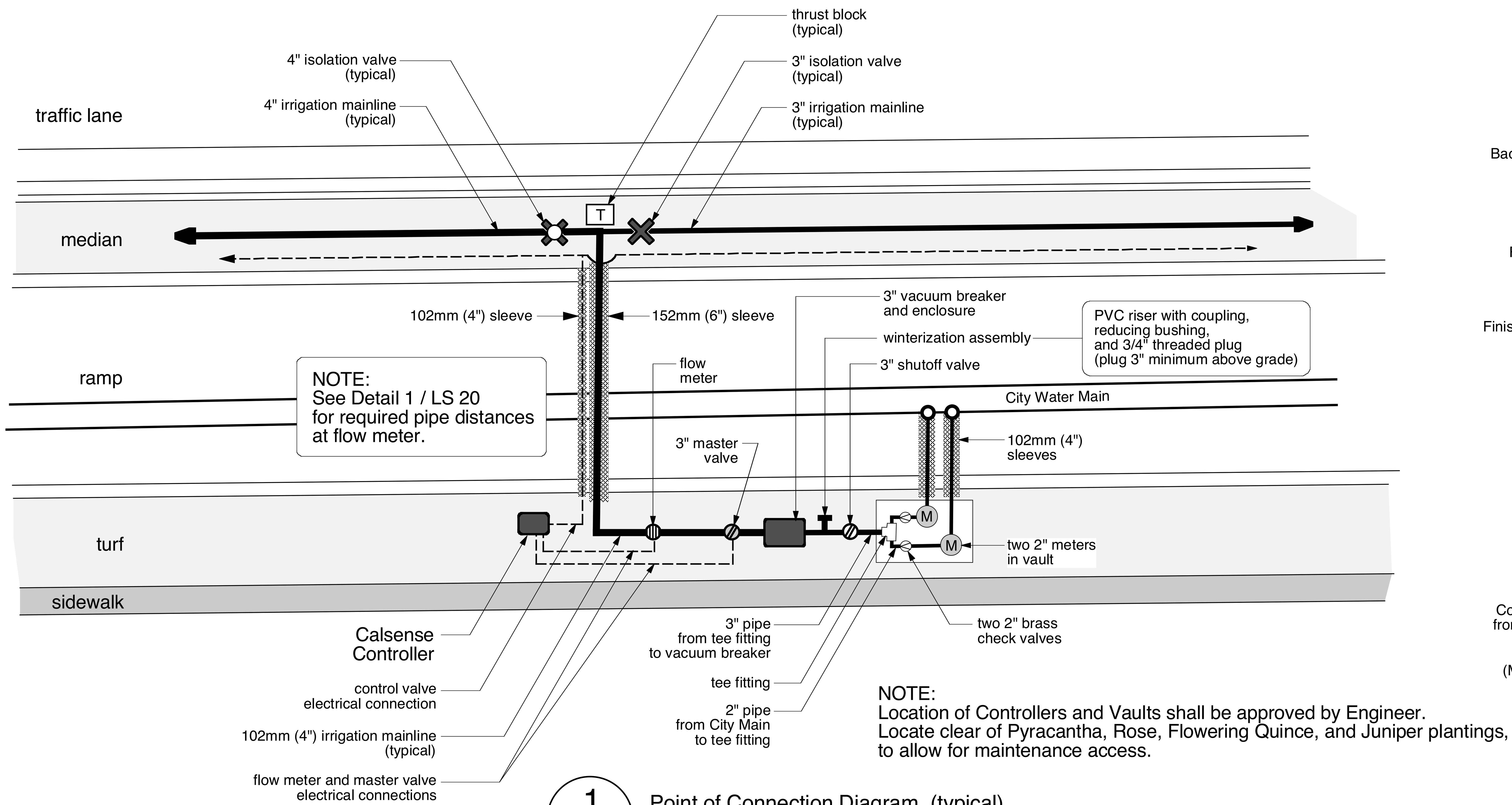
STATE	KDOT PROJECT NUMBER	YEAR	SHEET NUMBER	TOTAL SHEETS
KANSAS	54-87 K-8258-01	2007	326	556

LS-21

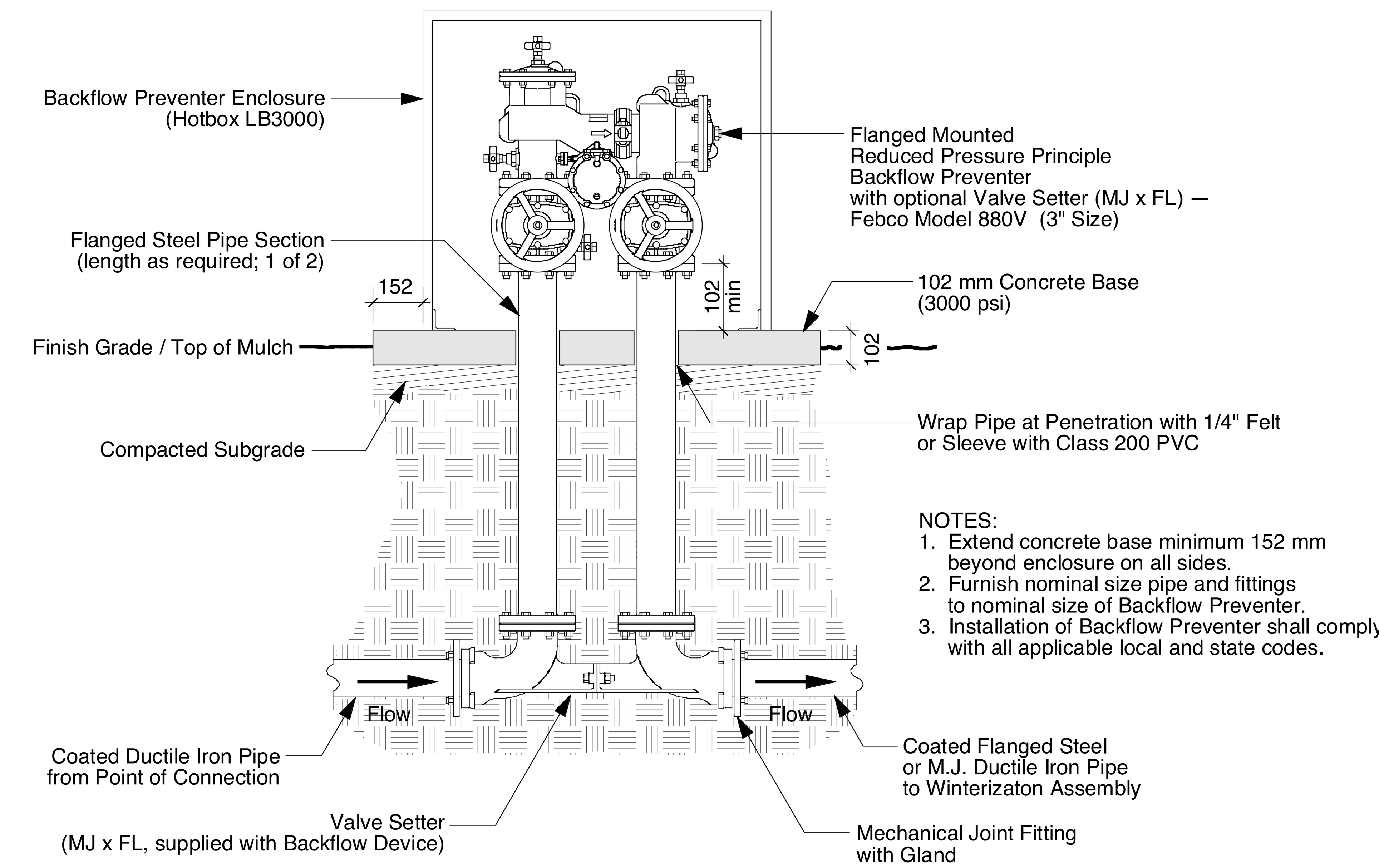


NOTE:
See Detail 1 / LS 20
for required pipe distances
at flow meter.

NOTE:
Location of Controllers and Vaults shall be approved by Engineer.
Locate clear of Pyracantha, Rose, Flowering Quince, and Juniper plantings,
to allow for maintenance access.

1 / LS 21 Point of Connection Diagram (typical)

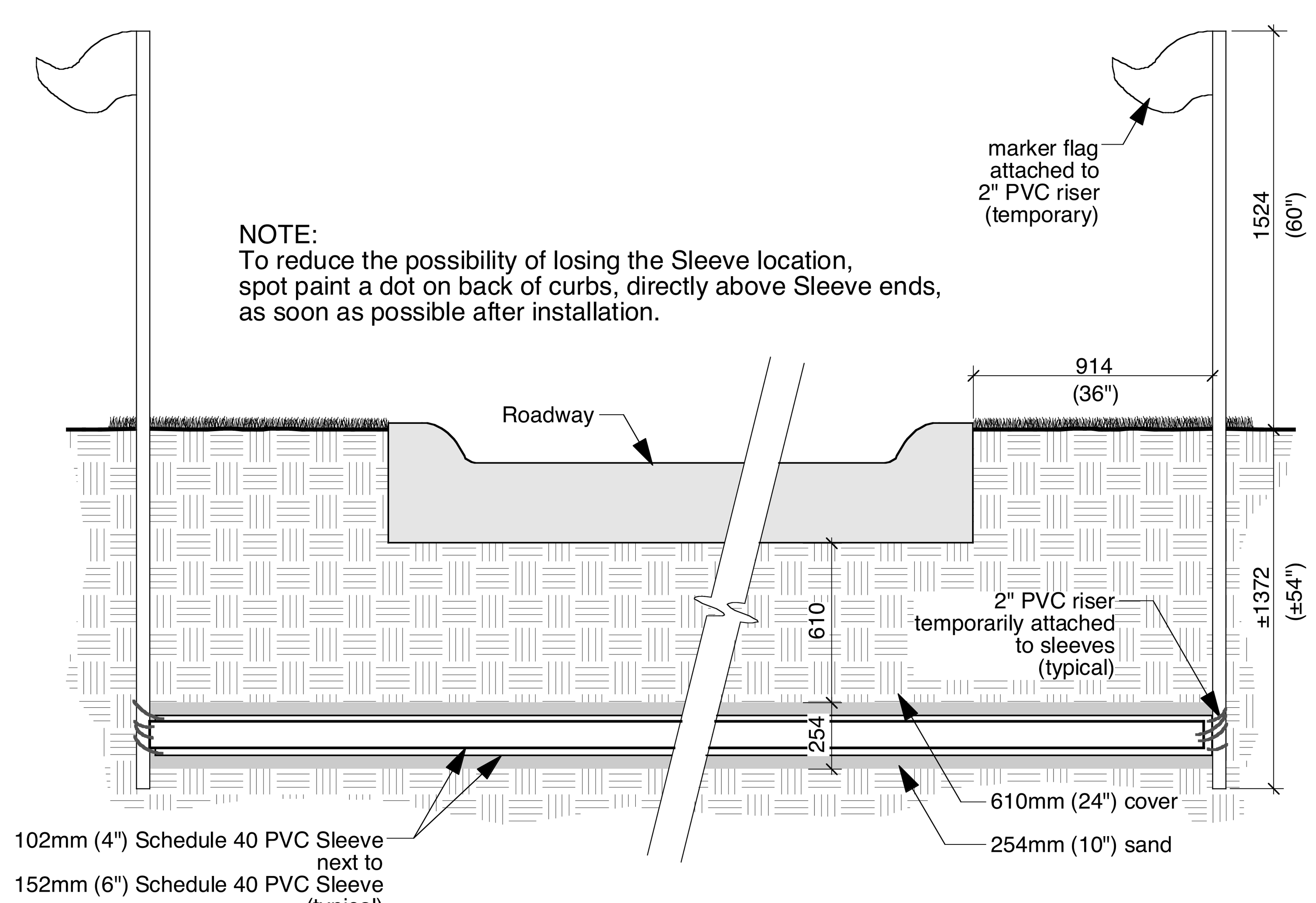
no scale



NOTES:
1. Extend concrete base minimum 152 mm beyond enclosure on all sides.
2. Furnish nominal size pipe and fittings to nominal size of Backflow Preventer.
3. Installation of Backflow Preventer shall comply with all applicable local and state codes.

3 / LS 21 Backflow Preventer — Section

no scale

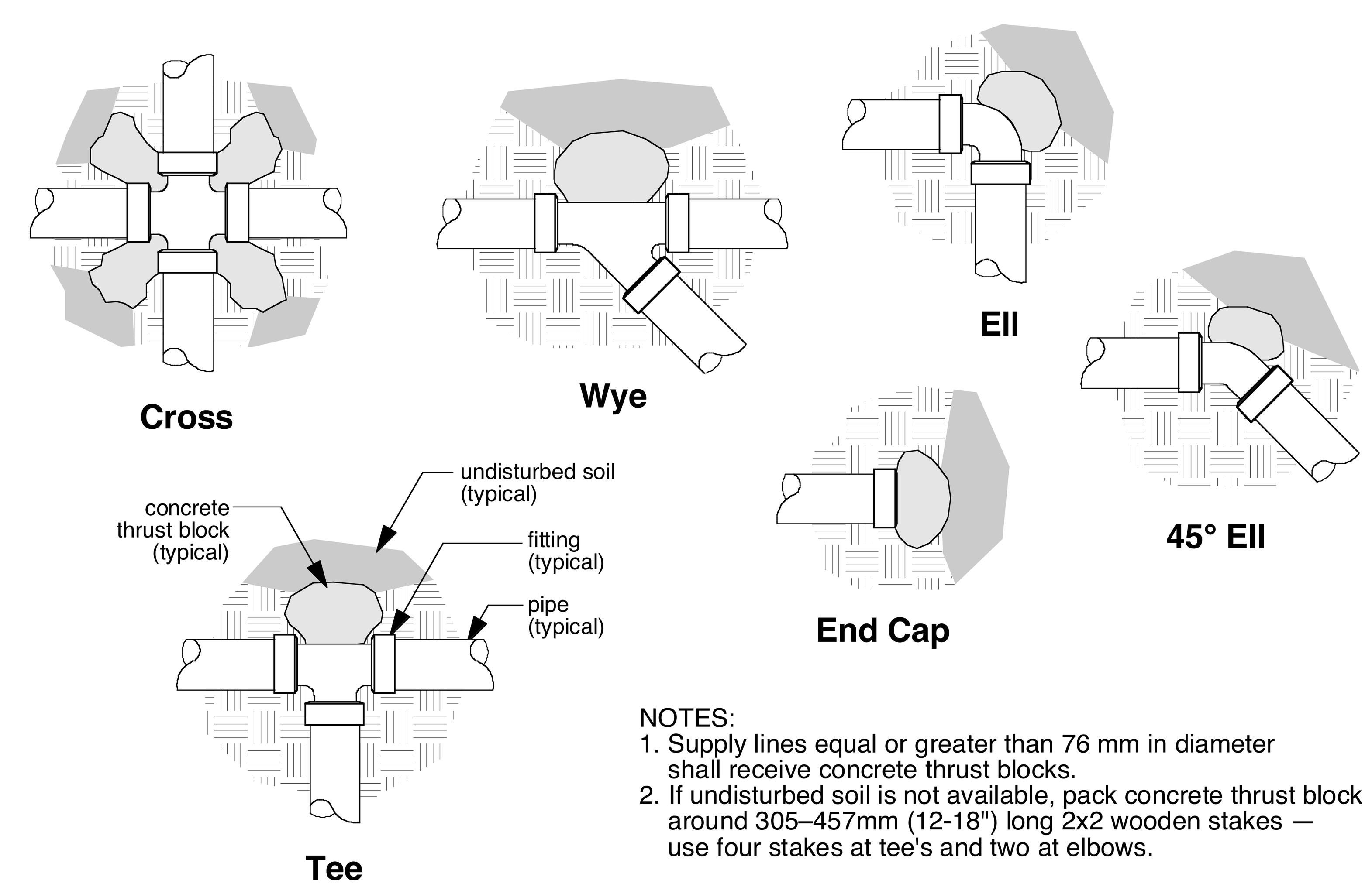


NOTE:
To reduce the possibility of losing the Sleeve location,
spot paint a dot on back of curbs, directly above Sleeve ends,
as soon as possible after installation.

Section / Elevation

2 / LS 21 Irrigation System — Sleeving

no scale



NOTES:
1. Supply lines equal or greater than 76 mm in diameter shall receive concrete thrust blocks.
2. If undisturbed soil is not available, pack concrete thrust block around 305–457mm (12-18") long 2x2 wooden stakes — use four stakes at tee's and two at elbows.

4 / LS 21 Thrust Blocks (typical)

no scale

CHECKED BY	DATE
DWF	07/24/06
DWF	10/04/06

Drawn by: DJF Plotted: 100606
File: 03001 kellogg/rock SCALE 1:500

Cook, Flatt & Strobel
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KANSAS DEPARTMENT OF TRANSPORTATION

IRRIGATION
EAST KELLOGG
CONNECTION & PIPING DETAILS