**CASE 1**

**22 1/2' BEND**

**45° BEND**

**GENERAL NOTES:**
1. UNLESS OTHERWISE NOTED THRUST BLOCK BEARING FACES SHALL BE POURED AGAINST UNDISTURBED SOIL OR APPROVED COMPACTED BACKFILL.
2. AFTER THE TRENCH HAS BEEN BACKFILLED TO THE TOP OF PIPE, AREAS TO BE OCCUPIED BY THRUST BLOCKS SHALL BE RE-EXCAVATED AND SHAPED. AFTER SHAPING SIMPLE PLYWOOD OR BOX WOOD FORMS SHALL BE INSERTED ADJACENT TO THE VERTICAL NON-PRESSURE BEARING SIDES OF THE MOLD. CITY INSPECTION OF THE MOLD-FORM MUST BE OBTAINED PRIOR TO CASTING THE THRUST BLOCK.
3. THE THRUST BLOCK IS TO BE CAST IN SUCH A MANNER TO CRADDLE THE PIPE OR FITTING. CONC. ENVELOPMENT SHALL BE PERPENDICULAR TO THE LINE OF THRUST.

**CASE 2**

**LIVE CAP or PLUG**

**CASE 3**

**CROSS**

**CASE 5**

**THRUST BLOCKING**

CITY OF Oxnard

Department of Public Works

STANDARD PLAN

2002

PLATE 320

Sheet 1 of 2
EXISTING GROUND

#4 BARS

THRUST BLOCKING - VERTICAL BEND

CITY OF Oxnard

Department of Public Works

STANDARD PLAN 2002

PLATE 320

SHEET 2 OF 2