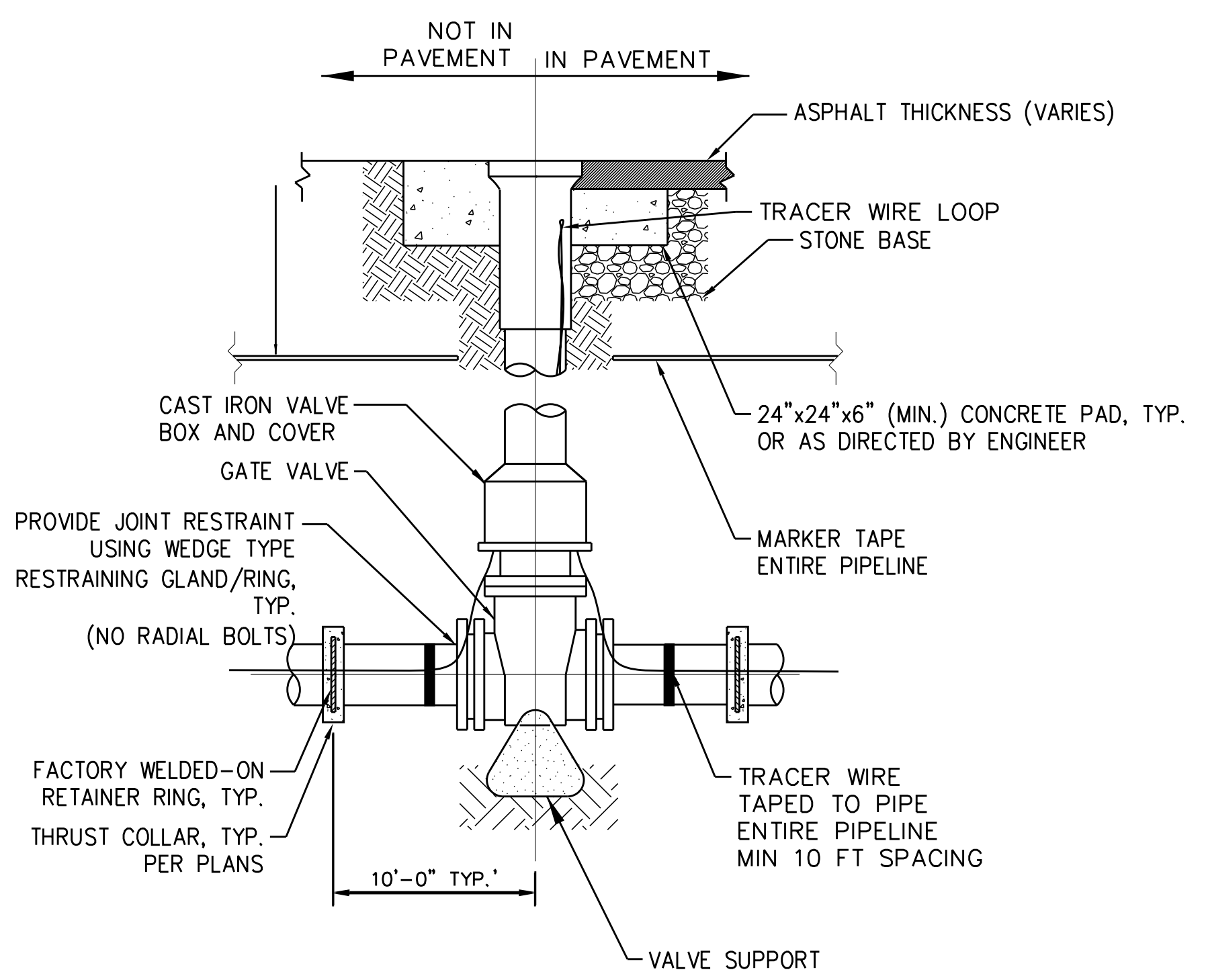


5/14/99

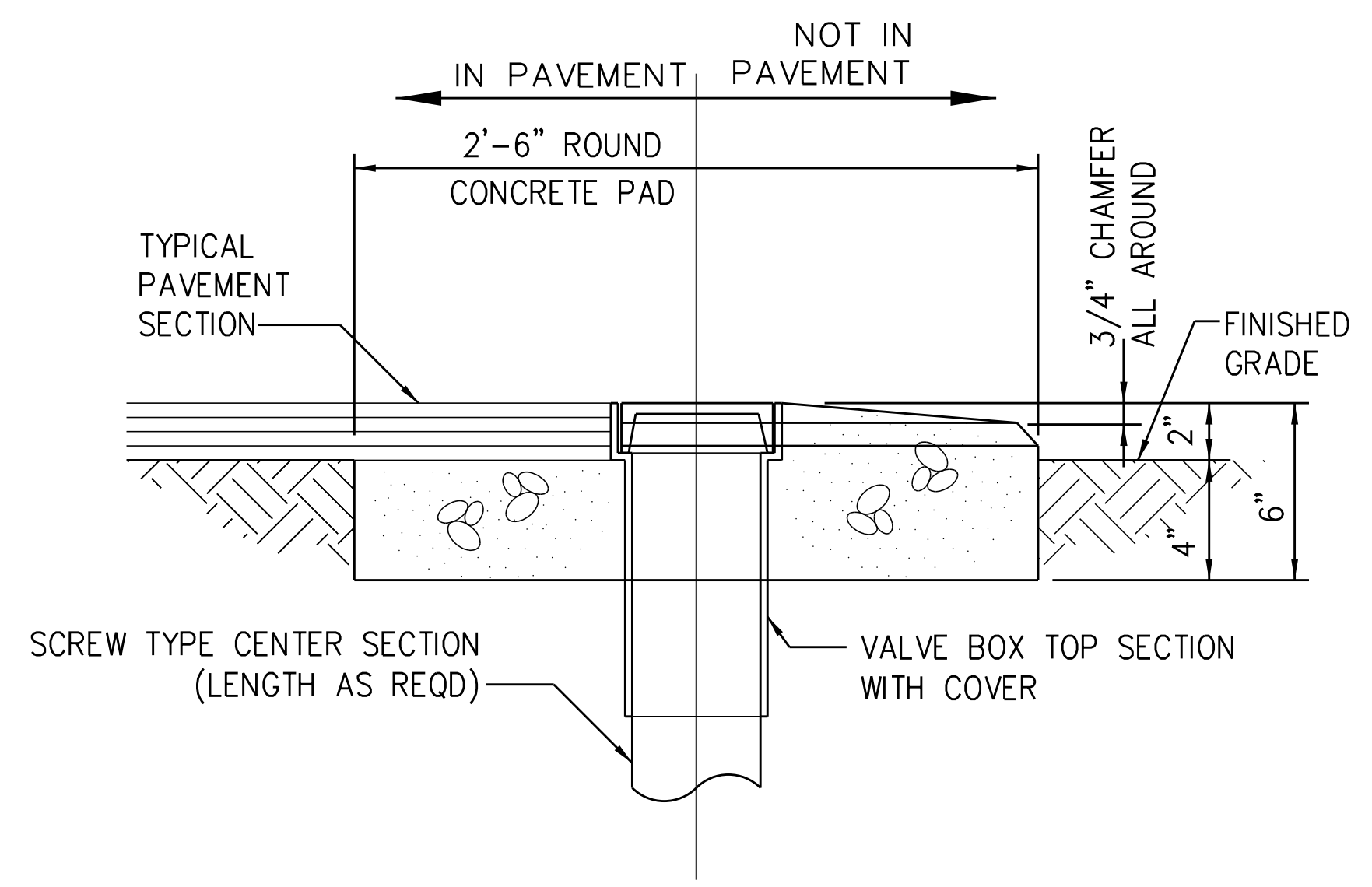
PROJECT REFERENCE NO.	SHEET NO.
B-5534	UC-3B
DESIGNED BY: NLH	
DRAWN BY: CDR	
CHECKED BY: CPM	
APPROVED BY: NLH	
REVISED:	
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION UTILITIES ENGINEERING SEC. PHONE: (919) 707-6690 FAX: (919) 250-4151 UTILITY CONSTRUCTION PLANS ONLY	
DOCUMENT NOT CONSIDERED FINAL UNTIL ALL SIGNATURES ARE COMPLETED	

UTILITY CONSTRUCTION



NOTES:
 1. PROVIDE HDPE INSERTS IN ALL VALVE BOXES.

1 GATE VALVE ASSEMBLY (FOR 4" THRU 12" VALVES)
 UC-3B SCALE: N.T.S.

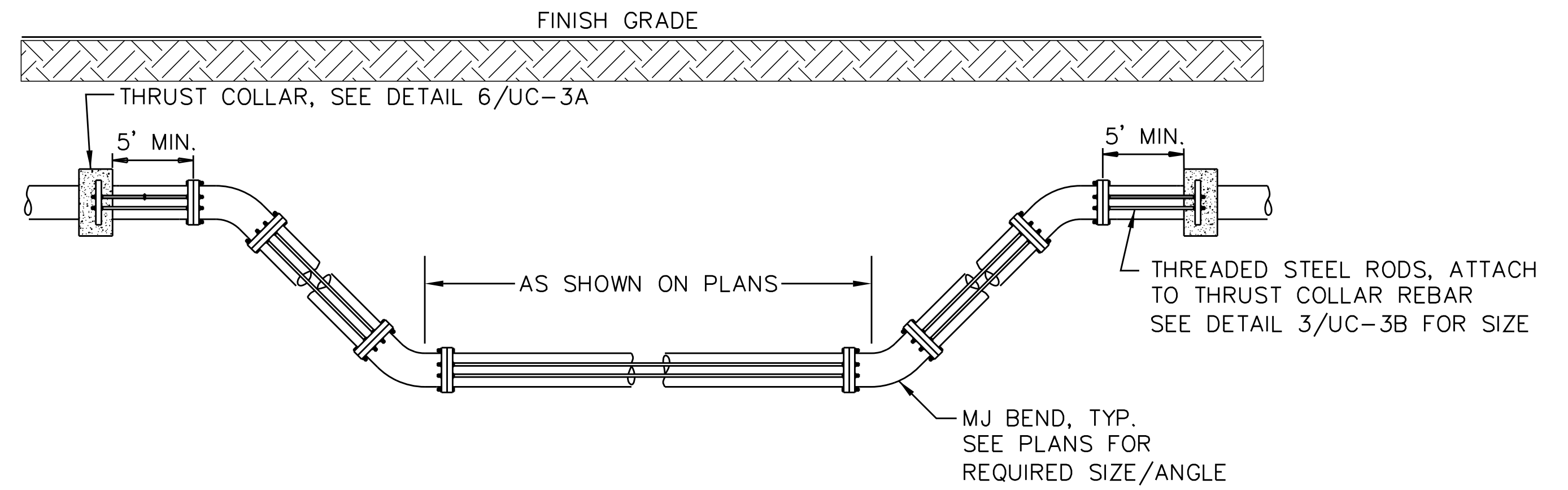


2 VALVE BOX PAD
 UC-3B SCALE: N.T.S.

DESIGN PRESSURE		
200 PSI		
PIPE SIZE	ROD DIA	NUMBER REQ'D
4" TO 8"	3/4"	2
10" TO 20"	3/4"	4
24"	3/4"	6
30"	1"	6
36"	1"	8

1. THREADED RODS FOR PIPE DIAMETERS LARGER THAN 12" SHALL BE ASTM A193 (GRADE B7). ALL OTHER THREADED RODS SHALL BE ASTM A36.
2. RODS SHALL BE EQUALLY SPACED AROUND PIPE.

3 THREADED ROD SCHEDULE
 UC-3B SCALE: N.T.S.



- NOTES:
1. RODDING AND CONNECTING HARDWARE SHALL BE STAINLESS STEEL, HOT DIPPED GALVANIZED, OR COATED WITH MIN 2 COATS OF BITUMINOUS PAINT AFTER INSTALLATION.
 2. CONCRETE SHALL NOT CONTACT OR OBSCURE MJ FITTINGS OR HARDWARE.
 3. ALL PIPE AND FITTINGS BETWEEN THRUST COLLARS SHALL BE MECHANICALLY RESTRAINED.

4 STANDARD MJ VERTICAL BEND
 UC-3B SCALE: N.T.S.