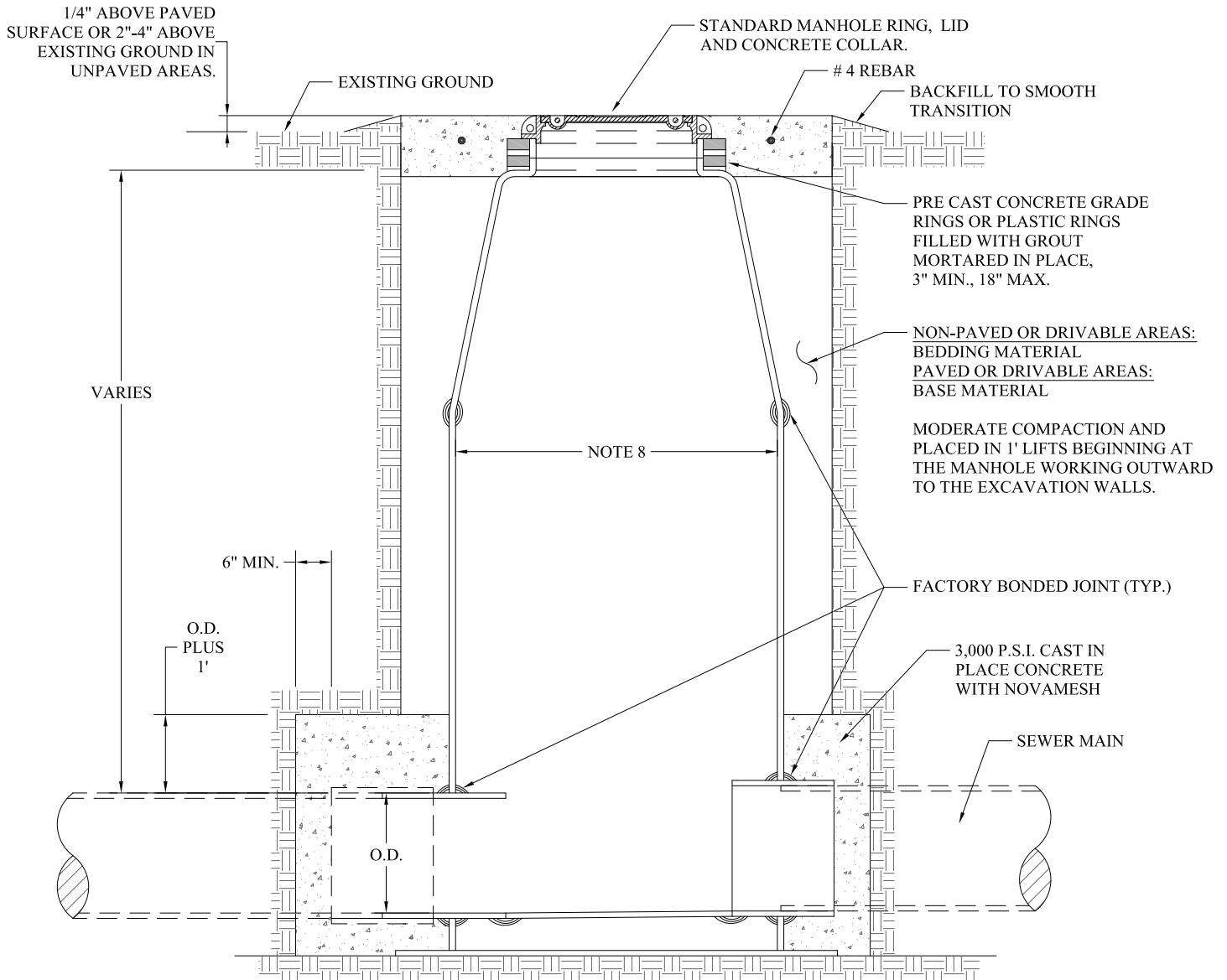


FIBERGLASS MANHOLE - TYPE A



NOTES

1. CONTRACTOR SHALL VERIFY MANHOLE DEPTHS, INLET AND OUTLET ELEVATIONS.
2. MANHOLE FLOOR SHALL BE FACTORY INSTALLED INTEGRAL FIBERGLASS BENCH AND INVERT AREA. CONCRETE IS NOT ALLOWED.
3. ALL INLETS AND OUTLETS SHALL BE BONDED INTO THE MANHOLE RISER BY THE MANUFACTURER.
4. CONCRETE SHALL BE PLACED A MINIMUM OF 6" BEYOND AND 1' ABOVE ALL CONNECTIONS.
5. MANHOLES SHALL BE STUBBED OUT WITH SUITABLE SIZE PIPE WHEREVER FUTURE EXTENSION OF THE SEWER IS ANTICIPATED.
6. STUB-OUTS SHALL EXTEND BEYOND THE EDGE OF EXISTING OR PROPOSED PAVING.
7. MANHOLES LOCATED WITHIN A 100-YEAR FLOOD PLAIN OR ANY AREA SUBJECT TO STORMWATER INFILTRATION SHALL INCORPORATE A WATERTIGHT, BOLT-DOWN RING AND LID AND AN INFLOW PREVENTION DEVICES (IPDs).
8. MANHOLE SPACING, DIAMETER AND DEPTHS SHALL BE AS FOLLOWS:
9. MINIMUM ELEVATION DIFFERENCE ACROSS MANHOLE INVERTS SHALL BE AS FOLLOWS:

PIPE DIAMETER	MANHOLE DEPTH	MANHOLE DIAMETER	MAX. SPACING BETWEEN MANHOLES
15" OR SMALLER	0-16'	48"	500'
15" OR SMALLER	OVER 16'	60"	500'
OVER 15"	ALL DEPTHS	60"	800'

DEFLECTION ANGLE BETWEEN INLET / OUTLET	MIN. ELEVATION DIFFERENCE
LESS THAN 30°	0.10'
GREATER THAN 30°	0.20'