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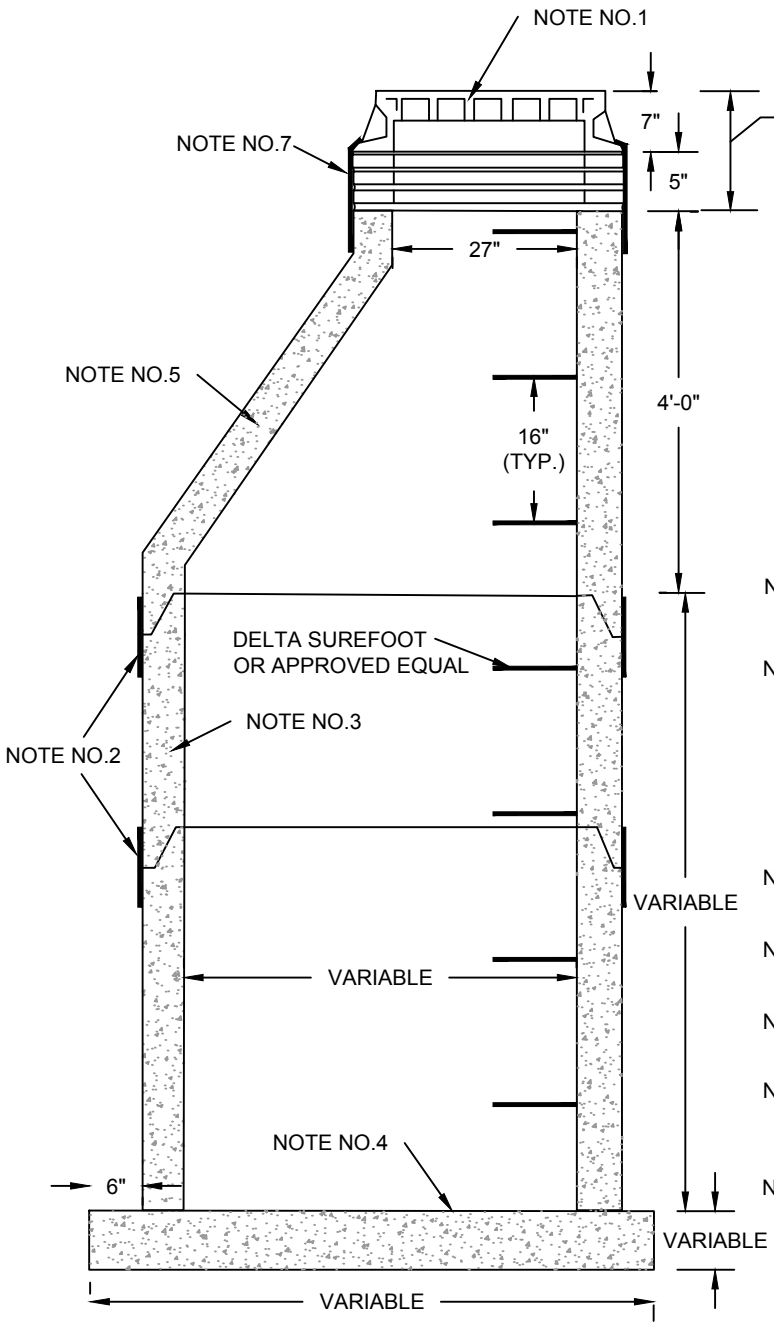


RECOMMENDED PRECAST SIZE REQUIREMENTS

| BARREL DIAMETER | MAXIMUM SIZE RCP | | |
|---|---|---|---|
| | 2 @ 90 | 2 @ 180 | RCP |
| 48" | 15" | 30" | 33" |
| 54" | 18" | 36" | 36" |
| 60" | 21" | 42" | 42" |
| 66" | 24" | 48" | 48" |
| 72" | 30" | 48" | 48" |

NOTE NO.1 - MANHOLE CASTING SHALL BE AS DEFINED IN SECTION 1205-2.5.

NOTE NO.2 - CRETEX P2 GASKETED JOINT FOR 48" MANHOLES, CRETEX CX-4 JOINT FOR ALL OTHER SIZES OF MANHOLES OR EXTERIOR SEAL BY PRESS-SEAL GASKET CORP. EZ WRAP AND EZ STIK NO. 4 PRIMER, CRETEX SPECIALTY PRODUCTS "MAC WRAP", OR AN APPROVED EQUAL.

NOTE NO.3 - PRECAST CONCRETE MANHOLE SHALL CONFORM TO ASTM C478, WALL B.

NOTE NO.4 - PRECAST REINFORCED CONCRETE MANHOLE BASES SHALL CONFORM TO SECTION 1205-2.9.

NOTE NO.5 - MANHOLE TOP SECTION SHALL BE ECCENTRIC FOR 48" MANHOLES

NOTE NO.7 - EXTERNAL MANHOLE CHIMNEY SEAL AS MANUFACTURED BY CRETEX OR AN APPROVED EQUAL., IF SPECIFIED.

NOTE NO.8 - STEPS SHALL BE PLACED IN SANITARY SEWER, STORM SEWER AND AIR RELEASE MANHOLES AND INLETS AS SPECIFIED. THE MANHOLE STEPS SHALL BE DELTA SUREFOOT OR APPROVED EQUAL. STEPS SHALL BE SPACED 16" ON CENTER.

CITY OF WATFORD CITY, NORTH DAKOTA
PUBLIC WORKS DEPARTMENT

STORM SEWER MANHOLE

APPROVED FOR PUBLICATION

City Engineer Date

DWG. NO.

1205-3