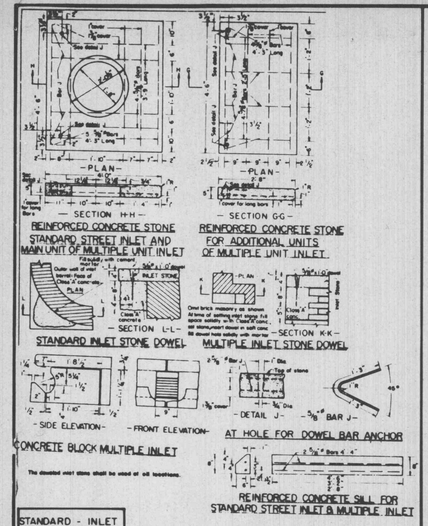
FORT ZUMWALT ELEMENTARY SCHOOL SANITARY SEWER EXTENSION

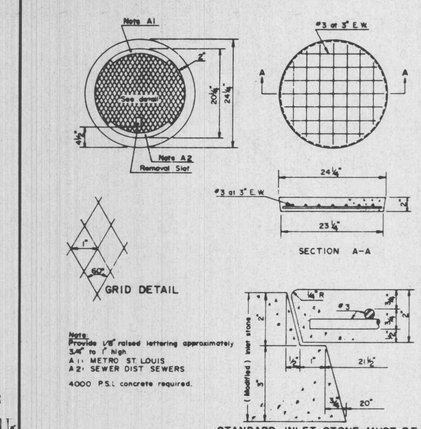
CONSTRUCTION DETAILS

JULY 31, 1986 — 85-126



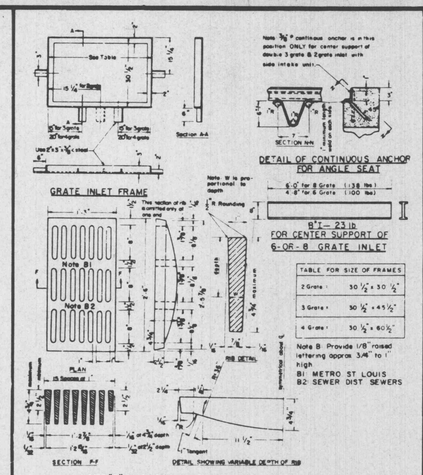
STANDARD - INLET STONES, BLOCKS & DESIGN DETAILS

DETAIL 37



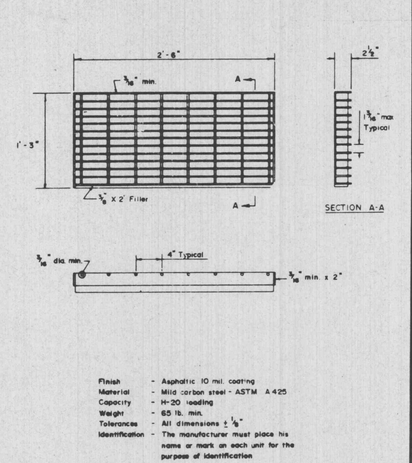
PRE-CAST CONCRETE INLET COVER

DETAIL 38



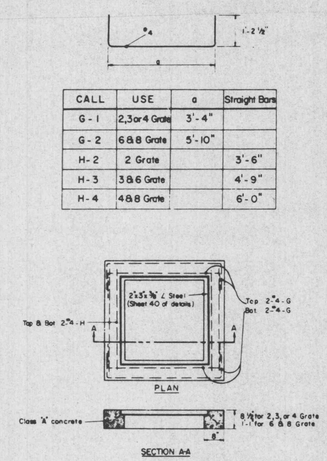
DETAILS OF INLET FRAME AND GRATES

DETAIL 39



DETAIL OF STEEL GRATE (ALTERNATE TO CAST IRON "C" GRATE)

DETAIL 40

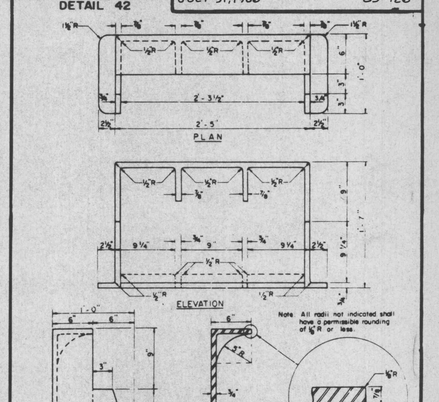


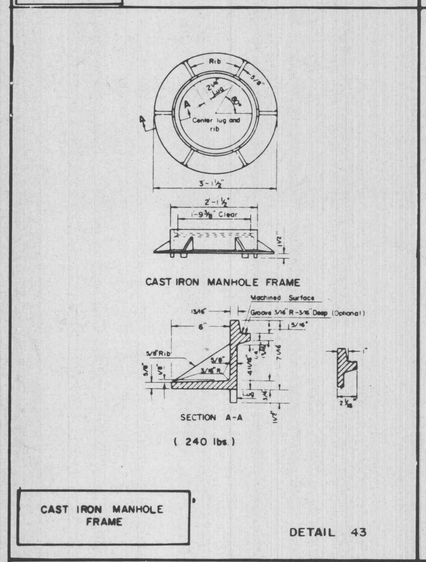
STEEL REQUIREMENTS FOR GRATE INLET SEAT

DETAIL 41

CAST IRON SIDE INTAKE UNIT FOR GRATED INLETS 249 LBS.

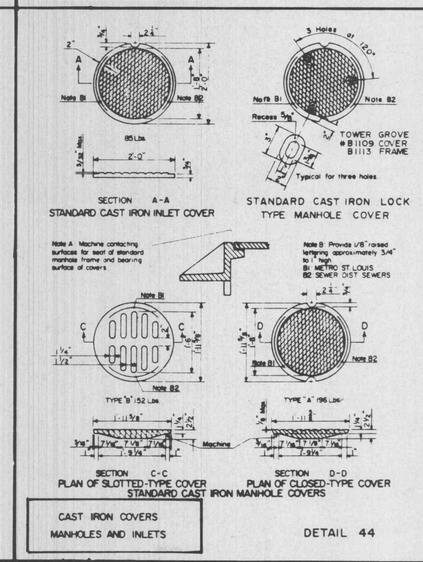
DETAIL 42





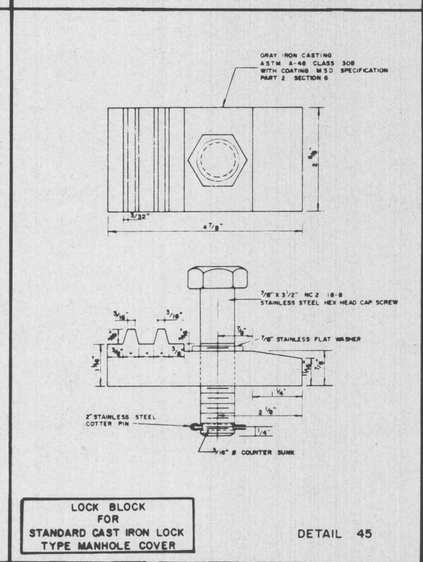
CAST IRON MANHOLE FRAME

DETAIL 43



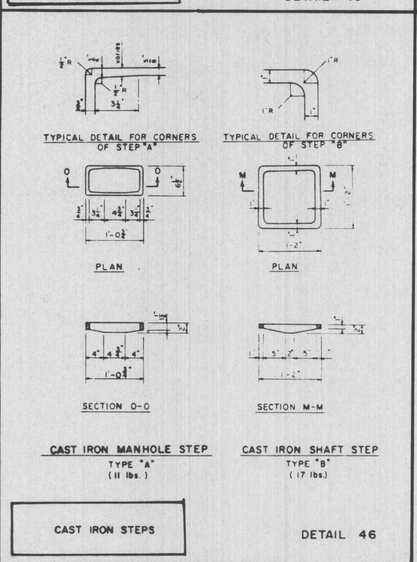
CAST IRON COVERS MANHOLES AND INLETS

DETAIL 44



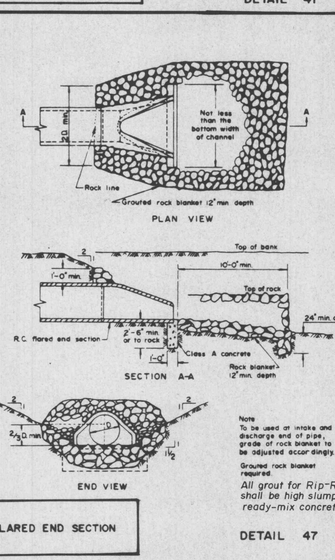
LOCK BLOCK FOR STANDARD CAST IRON LOCK TYPE MANHOLE COVER

DETAIL 45



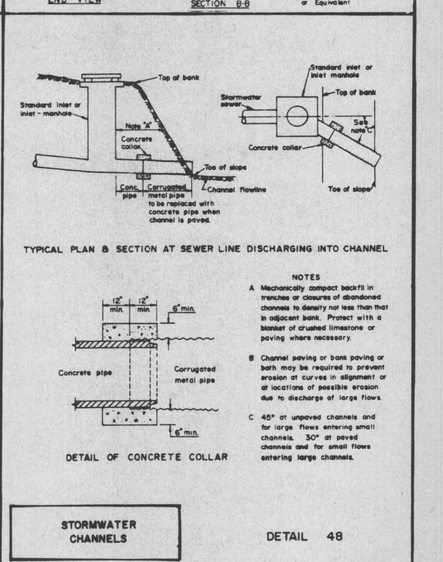
CAST IRON STEPS

DETAIL 46



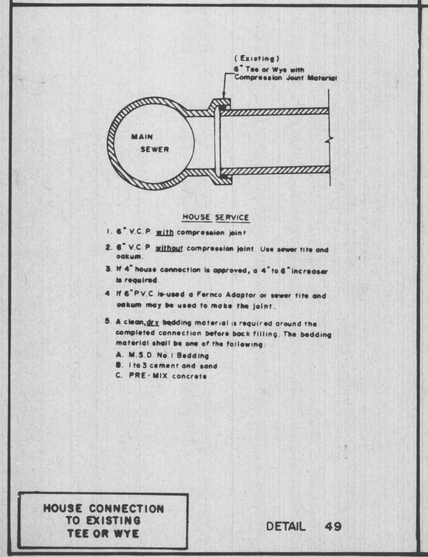
FLARED END SECTION

DETAIL 47



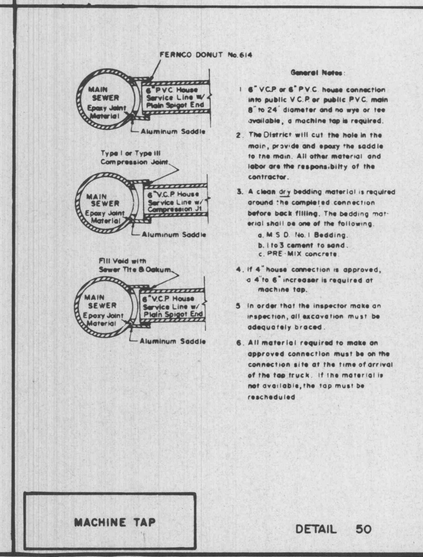
STORMWATER CHANNELS

DETAIL 48



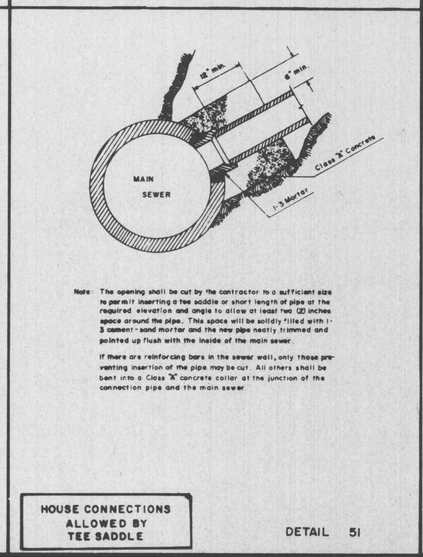
HOUSE CONNECTION TO EXISTING TEE OR WYE

DETAIL 49



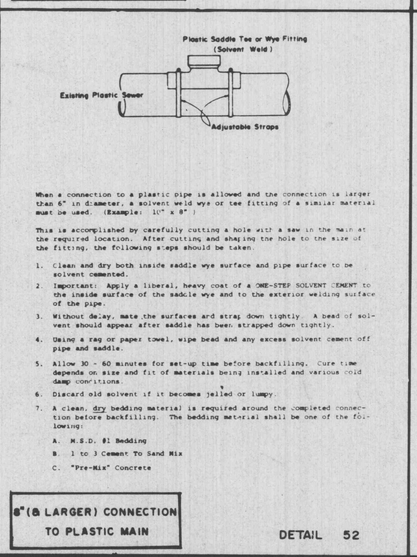
MACHINE TAP

DETAIL 50



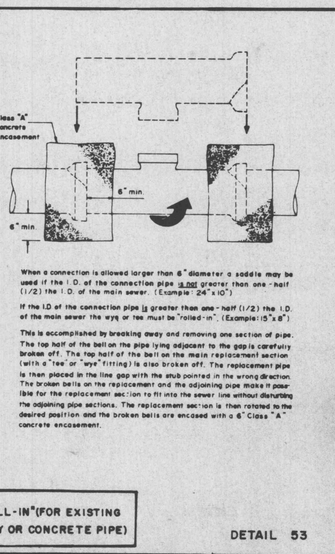
HOUSE CONNECTIONS ALLOWED BY TEE SADDLE

DETAIL 51



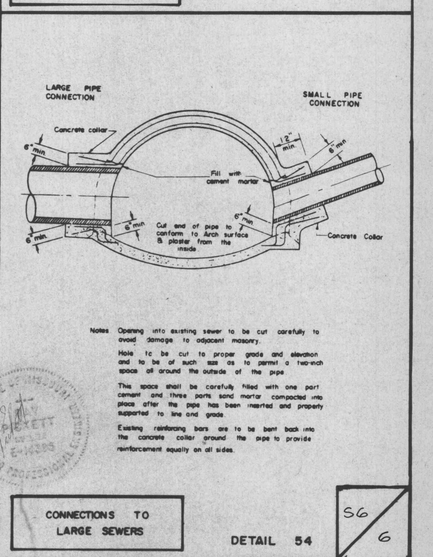
8" (& LARGER) CONNECTION TO PLASTIC MAIN

DETAIL 52



"ROLL-IN" (FOR EXISTING CLAY OR CONCRETE PIPE)

DETAIL 53



CONNECTIONS TO LARGE SEWERS

DETAIL 54

S6/6

ST. CHARLES COUNTY