

# CONSTRUCTION DETAILS

**DETAIL 31**  
2 GRATE INLET

**DETAIL 32**  
2 GRATE INLET WITH SIDE INTAKE UNIT

**DETAIL 33**  
364 GRATE INLET

**DETAIL 34**  
600 GRATE INLET

**DETAIL 35**  
REINFORCED CONCRETE STONE STANDARD STREET INLET AND MANHOLE

**DETAIL 36**  
DETAILS OF INLET FRAME AND GRATES

CALL	USE	Ø	Through Hole
G-1	2.5x4 Grate	3'-4"	
G-2	6.0x8 Grate	5'-0"	
H-1	2 Grate	3'-6"	
H-2	3.6x6 Grate	4'-9"	
H-4	6.0x8 Grate	6'-0"	

**DETAIL 37**  
STEEL REQUIREMENTS FOR GRATE INLET SEAT

**DETAIL 38**  
CAST IRON SIDE INTAKE UNIT FOR GRATED INLETS 240 LBS.

**DETAIL 39**  
CAST IRON MANHOLE FRAME

**DETAIL 40**  
CAST IRON COVERS MANHOLES AND INLETS

**DETAIL 41**  
CAST IRON MANHOLE STEP AND CAST IRON SHAFT STEP

**DETAIL 42**  
TEMPORARY LAMP HOUSE

**DETAIL 43**  
TYPICAL CROSS SECTION OF STORMWATER CHANNELS

**DETAIL 44**  
TYPICAL SECTION THROUGH MANHOLE AT INLET

**DETAIL 45**  
TYPICAL SECTION AT SEWER LINE DISCHARGING INTO UNPAVED CHANNEL

**DETAIL 46**  
RIP RAP APRON AND CUTOFF WALL

**DETAIL 47**  
CONNECTIONS TO LARGE SEWERS

**DETAIL 48**  
TONGUE AND GROOVE CONCRETE PIPE JOINTS

**DETAIL 49**  
PRIVATE & COMMERCIAL CONCRETE ENTRANCES

**DETAIL 50**  
INTEGRAL CURB AND CONCRETE PAVEMENT

**DETAIL 51**  
TYPICAL INTERSECTION DETAILS FOR SIDEWALKS, STREET SIGNS, & MONUMENTS

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