The City of Edgewater

STANDARD CONSTRUCTION DETAILS

CITY OF EDGEWATER

STANDARD CONSTRUCTION DETAILS

CITY OF EDGEWATER
DEPARTMENT OF ENVIRONMENTAL SERVICES
409 MANGO TREE DRIVE
EDGEWATER, FLORIDA 32132
TELEPHONE (386) 424-2476
FAX (386) 424-2480

CITY OF EDGEWATER
STANDARD CONSTRUCTION DETAILS
TABLE OF CONTENTS

ROADWAY DETAILS

R–1	50' OR 60' R/W ROAD SECTION
R–2	60' R/W WITH DITCH ROAD SECTION
R–3A & 3B	80' R/W WITH MEDIAN AND DITCH ROAD SECTION
R–4A & 4B	100' R/W WITH 5 LANE ROAD SECTION
R–5	100' R/W WITH 4 LANE AND MEDIAN ROAD SECTION
R–6	ROADWAY GEOMETRY
R–7	STANDARD CUL–DE–SAC DETAIL WITH SINGLE STORM INLET
R–8	STANDARD CUL–DE–SAC DETAIL WITH DUAL STORM INLET
R–8A	Y – TURN
R–9	STANDARD CURB CONSTRUCTION
R–10	ROADWAY INTERSECTION VALLEY GUTTER
R–11	PAVEMENT BUTT JOINT
R–12	ROADWAY AND PARKING AREA DESIGN AND CONSTRUCTION NOTES
R–13	ROADWAY AND PARKING AREA DESIGN AND CONSTRUCTION NOTES
R–14	ROADWAY AND PARKING AREA DESIGN AND CONSTRUCTION NOTES
R–15	ROADWAY AND PARKING AREA DESIGN AND CONSTRUCTION NOTES
R–16	ROADWAY AND PARKING AREA DESIGN AND CONSTRUCTION NOTES
R–17	ROADWAY AND PARKING AREA DESIGN AND CONSTRUCTION NOTES
R–18	TECHNICAL SPECIFICATIONS FOR SITE PLANS AND SUBDIV. TESTING
R–19	CONCRETE PAVEMENT DETAILS
R–20	SUBDIVISION TECHNICAL SPECIFICATIONS; SODDING, SEEDING AND MULCHING
R–21A & 21B	ROADWAY AND MISCELLANEOUS LANDSCAPING DESIGN AND CONSTRUCTION NOTES
R–22	SILT FENCE TURBIDITY BARRIER
R–23	TREE PROTECTION BARRICADE
R–24	FLOATING TURBIDITY BARRIER
R–25 & R–26	CONTRACTOR REQUIREMENTS FOR SITE CLEARING, GRADING, AND EROSION CONTROL DESIGN AND CONSTRUCTION NOTES
R–27	DRIVEWAY DETAIL – RESIDENTIAL
R–28	DRIVEWAY DETAIL – COMMERCIAL/MULTI–FAMILY

STORM DRAINAGE DETAILS

ST–1	STORM INLET APRON
ST–2	CONCRETE SPILLWAY
ST–3	PAVEMENT TRENCH RESTORATION
ST–4	STORM DRAINAGE DESIGN AND CONSTRUCTION NOTES
ST–5	STORM DRAINAGE DESIGN AND CONSTRUCTION NOTES
ST–6	STORM DRAINAGE DESIGN AND CONSTRUCTION NOTES
ST–7	CANAL AND WATERWAY DESIGN AND CONSTRUCTION NOTES
ST–8	BRIDGE DESIGN AND CONSTRUCTION NOTES
ST–9	DRY RETENTION POND PLACEMENT BY R/W AND EASEMENT LINES
ST–10	WET RETENTION POND PLACEMENT BY R/W AND EASEMENT LINES
ST–11	TYPE "C" STORM INLET
ST–12	TYPE "E" STORM INLET

2016–03–28

CITY OF EDGEWATER
STANDARD CONSTRUCTION DETAILS

TABLE OF CONTENTS

SEWER DETAILS

S-1 STANDARD MANHOLE DETAIL
S-2 SANITARY SEWER COVER AND GENERAL NOTES
S-3 SHALLOW MANHOLE
S-4 OUTSIDE DROP MANHOLE (STANDARD NEW CONSTRUCTION)
S-5 OUTSIDE DROP MANHOLE (STANDARD)
S-6 OUTSIDE DROP MANHOLE DETAIL
S-7 INSIDE DROP MANHOLE DETAIL FOR RETROFIT AND SPECIAL CONDITIONS ONLY
S-8 RUBBER BOOT AND PRECAST JOINT CONNECTION DETAIL
S-9 SEWER LINE UTILITY CROSSING DETAIL
S-10 SEWER LATERAL DETAIL (SINGLE 4" RESIDENTIAL)(SINGLE 6" COMMERCIAL)
S-11 SEWER LATERAL DETAIL (DOUBLE 6" RESIDENTIAL)
S-12 CLEANOUT DETAIL
S-13 LOCATOR TAPE INSTALLATION FOR SEWER, WATER AND RECLAIMED WATER PIPELINES
S-14 SEWER CONDUIT CROSSING
S-15 TYPICAL LIFT STATION SITE PLAN
S-16 LIFT STATION POTABLE WATER SERVICE
S-17 LIFT STATION WET WELL SECTION (SUBMERSIBLE)
S-18 LIFT STATION PLAN VIEW (SUBMERSIBLE)
S-19 LIFT STATION WET WELL DESIGN AND CONSTRUCTION NOTES (NON-SUBMERSIBLE)
S-20 LIFT STATION WET WELL SECTION (NON-SUBMERSIBLE)
S-20A LIFT STATION EMERGENCY PUMP CONNECTION
S-21 LIFT STATION WET WELL DESIGN AND CONSTRUCTION NOTES (NON-SUBMERSIBLE)
S-22 PACKAGED LIFT STATION ELECTRICAL EQUIPMENT RACK
S-22A PACKAGED LIFT STATION ELECTRICAL PANEL SCHEMATIC
S-22B PACKAGED LIFT STATION ELECTRICAL PANEL SCHEMATIC
S-22C UNITARY SEWAGE PUMP STATION DETAIL SIMPLEX OR DUPLEX (DUPLEX SHOWN)
S-22D PACKAGED LIFT STATION ELECTRICAL NOTES
S-23 SANITARY SEWER DESIGN AND CONSTRUCTION NOTES
S-24 SANITARY SEWER DESIGN AND CONSTRUCTION NOTES
S-25 SANITARY SEWER DESIGN AND CONSTRUCTION NOTES
S-26 SANITARY SEWER DESIGN AND CONSTRUCTION NOTES
S-27 SANITARY SEWER FORCE MAIN VALVE AND VALVE BOX
S-28 TYPE "A" BEDDING AND TRENCH DETAIL
S-29 TYPE "B" BEDDING AND TRENCH DETAIL
S-30 SANITARY SEWER DOUBLE MANHOLE COVER

CITY OF EDGEWATER
STANDARD CONSTRUCTION DETAILS

TABLE OF CONTENTS

WATER DETAILS

W–1 FIRE HYDRANT ASSEMBLY
W–2 POTABLE AND/OR REC. WATER VALVE AND VALVE BOX (2"–16" VALVE SIZE)
W–3 TAPPING VALVE AND SLEEVE
W–4 AIR RELEASE VALVE PIT
W–5 WATER LATERAL SERVICE (3/4" – 2" SIZES)
W–6 POTABLE WATER BLOW OFF ASSEMBLY
W–7 PVC TO HDPE RESTRAINED JOINT DETAIL
W–8 WATER METER BOX (METER 3" AND LARGER SIZES)
W–9 3" – 8" WATER METER BOX
W–10 BACKFLOW PREVENTER (REDUCED PRESSURE) 3" – 8"
W–11 2" BACKFLOW PREVENTER
W–12 CONDUIT CROSSING R.R. OR ROADWAY
W–13 CONDUIT CROSSING R.R. OR ROADWAY
W–14 STORM DRAINAGE PIPE OR SANITARY SEWER MAIN CONFLICT
W–15 STORM DRAINAGE PIPE OR SANITARY SEWER MAIN CONFLICT
W–16 MAIN INSTALLATION BETWEEN DRAINAGE INLET AND SIDEWALK
W–17 TROUGH FRAME PEDESTRIAN LOADING SINGLE DOOR
W–18 TROUGH FRAME PEDESTRIAN LOADING DOUBLE DOOR
W–19 ACCESS DOOR CROSS REFERENCE CHART
W–20 TEMPORARY JUMPER CONNECTION
W–21 CONTRACTORS' INSTALLATION REQUIRMENTS FOR A 2" TEMPORARY METER
W–22 POTABLE WATER DESIGN AND CONSTRUCTION NOTES
W–23 POTABLE WATER DESIGN AND CONSTRUCTION NOTES
W–24 POTABLE WATER DESIGN AND CONSTRUCTION NOTES
W–25 TECHNICAL SPECIFICATIONS FOR MECHANICAL JOINT DUCTILE IRON PIPE FITTINGS

RECLAIMED WATER DETAILS

RW–1 RECLAIMED WATER SERVICE: IRRIGATION (SPRINKLER) CONNECTION
RW–2 RECLAIMED WATER SERVICE: SINGLE SERVICE METER BOX
RW–3 RECLAIMED WATER SERVICE: SPRINKLER/"HOSE BIBB" ASSEMBLY
RW–4 RECLAIMED WATER MAIN VALVE BOX
RW–5 RECLAIMED WATER DESIGN AND CONSTRUCTION NOTES
RW–6 RECLAIMED WATER DESIGN AND CONSTRUCTION NOTES
RW–7 RECLAIMED WATER DESIGN AND CONSTRUCTION NOTES

CITY OF EDGEWATER
STANDARD CONSTRUCTION DETAILS

TABLE OF CONTENTS

MISCELLANEOUS DETAILS

M-1	PLAN SHEET REQUIREMENTS
M-2	SIDEWALK CONSTRUCTION REQUIREMENTS
M-3	SIDEWALK AND BIKE PATH RAMP
M-4	DRIVEWAY APRON
M-5	PRIVATE PARKING LOT
M-6	CONCRETE WHEEL STOP
M-7	ROAD BARRICADE
M-8	HANDICAP ACCESSIBLE PARKING SPACES
M-9	HANDICAP ACCESSIBLE PARKING SPACES
M-10	HANDICAP SIGN
M-11	REQUIREMENTS FOR AS-BUILT DRAWINGS
M-12	REQUIREMENTS FOR AS-BUILT DRAWINGS
M-13	DUMPSTER PAD
M-14	STREET AND WALKWAY LIGHTS
M-15	STREET AND WALKWAY LIGHTS "THE FLORIDIAN"
M-16	STREET AND WALKWAY LIGHTS "GARDCO LIGHTING"
M-17	STREET AND WALKWAY LIGHTS "LUMEC LIGHTING"
M-18	SIDEWALK CONSTRUCTION AT INTERSECTIONS
M-19	SIDEWALK CONSTRUCTION AT INTERSECTIONS