

CONTINUED FROM GN-3

13. FOR SQUARE OR RECTANGULAR PRECAST DRAINAGE STRUCTURES, EITHER DEFORMED OR SMOOTH WELDED WIRE FABRIC MAY BE USED PROVIDED:
  - A) THE SMOOTH WELDED WIRE FABRIC SHALL COMPLY WITH ASTM A-185, AND DEFORMED WELDED WIRE FABRIC SHALL COMPLY WITH ASTM A-497.
  - B) WIDTH AND LENGTH OF THE UNIT IS FOUR TIMES THE SPACING OF THE CROSS WIRES.
  - C) WIRE FABRIC SHALL BE CONTINUOUS AROUND THE BOX, SPLICED AT QUARTER POINT(S) WITH OVERLAP OF NOT LESS THAN THE SPACING OF THE CROSS WIRES PLUS 2"
14. HORIZONTAL STEEL IN THE WALLS OF RECTANGULAR STRUCTURES SHALL BE LAPPED A MINIMUM OF 24 BAR DIAMETER
15. WELDING OF SPLICES AND LAPS IS PERMITTED. THE REQUIREMENTS AND RESTRICTIONS PLACED ON WELDING IN AASHTO M-259 SHALL APPLY.
16. REBAR STRAIGHT END EMBEDMENT OR PERIPHERAL REINFORCEMENT MAY BE USED IN LIEU OF ACI STANDARD HOOKS FOR TOP AND BOTTOM SLABS EXCEPT WHEN HOOKS ARE SPECIFICALLY CALLED FOR IN PLANS OR STANDARD DRAWINGS.
17. CONCRETE AS SPECIFIED IN ASTM C-478, (4000 PSI) MAY BE USED IN LIEU OF CLASS I AND CLASS II CONCRETE IN PRECAST ITEMS MANUFACTURED IN PLANTS WHICH ARE UNDER THE 'STANDARD OPERATING PROCEDURES FOR THE INSPECTION OF PRECAST DRAINAGE PRODUCTS'.
18. MAXIMUM OPENING FOR PIPE SHALL BE THE PIPE OUTSIDE DIAMETER PLUS 6". MORTAR USED TO SEAL THE PIPE INTO THE OPENING WILL BE OF SUCH A MIX THAT SHRINKAGE WILL NOT CAUSE LEAKAGE INTO OR OUT OF THE STRUCTURE.

REVISED: SEPT-2009	GENERAL NOTES - STORMWATER DRAINAGE SYSTEMS	STANDARD DETAIL
ISSUED: SEPT-2009	CITY OF WEST PALM BEACH ENGINEERING SERVICES DEPT.	GN-3.1