SPRINKLER RISER

NOTE: SEE NFPA 13 FOR CONNECTIONS PASSING THROUGH OR UNDER FOUNDATION WALLS.

CONCRETE THRUST BLOCK

PERMANENTLY CONNECTED HEAT CONNECT TO BUILDING FACP

MINIMUM 3/4" ROD WITH BITUMINOUS COATING ON BOLTS.

DUCTILE IRON

12" MIN CLEAR

FORWARD FLOW TEST VALVES

DUCTILE IRON CONCENTRIC FLANGED REDUCER FOR FLANGED ELBOW

RALEIGH APPROVED BACKFLOW PREVENTER ASSEMBLY WITH METERED BYPASS IN C.P. (18" CLEARANCE ON SIDES) (MOUNT PER C.O.R. SPEC.S)

TAMPER SWITCH

DRY PIPE VALVE SHOW ALL TRIM ITEMS

WATER MOTOR GONG OR ELECTRIC BELL

TO SPRINKLER SYSTEM

LOW/HIGH AIR SUPERVISORY (MUST TIE INTO A U.L. LISTED CENTRAL STATION)

ALARM PRESSURE SWITCH (MUST TIE INTO A U.L. LISTED CENTRAL STATION)

MAIN DRAIN TO OUTSIDE FDC CHECK VALVE 48" DRY PIPE TO FDC

HEAD BOX

BALL DRIP VALVE

60" MAX.

FINISH FLOOR

THRUFT BLOCK DETAIL W-7

DESCRIPTION:
SPRINKLER RISER DETAIL (DRY)

REVISIONS:
5-1-2017

DATE:
5/1/06

DRAWING NO.
FP-4B

CITY OF RALEIGH FIRE DEPARTMENT
FIRE PROTECTION DIVISION
310 WEST MARTIN ST. RALEIGH, NC 27602