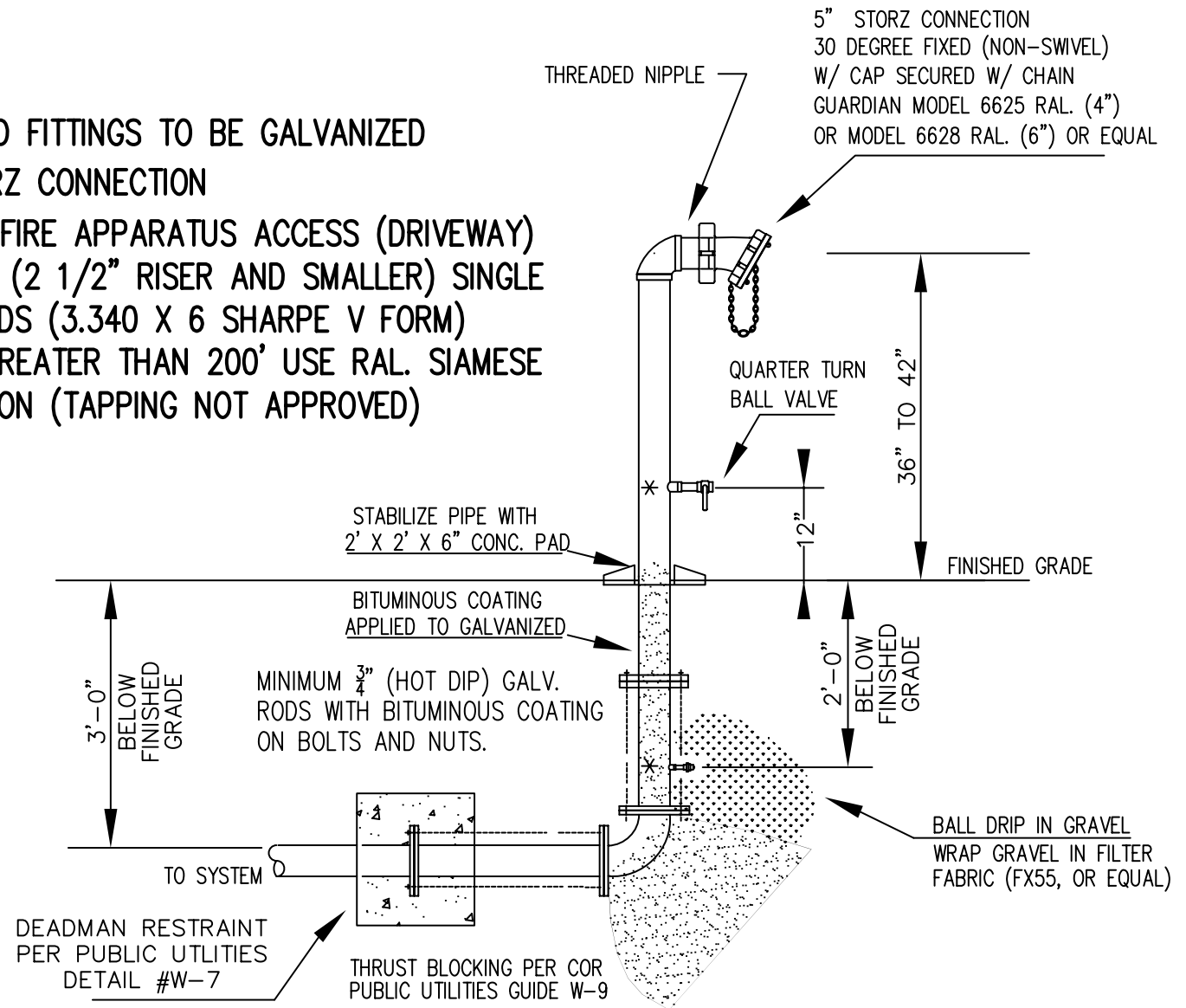


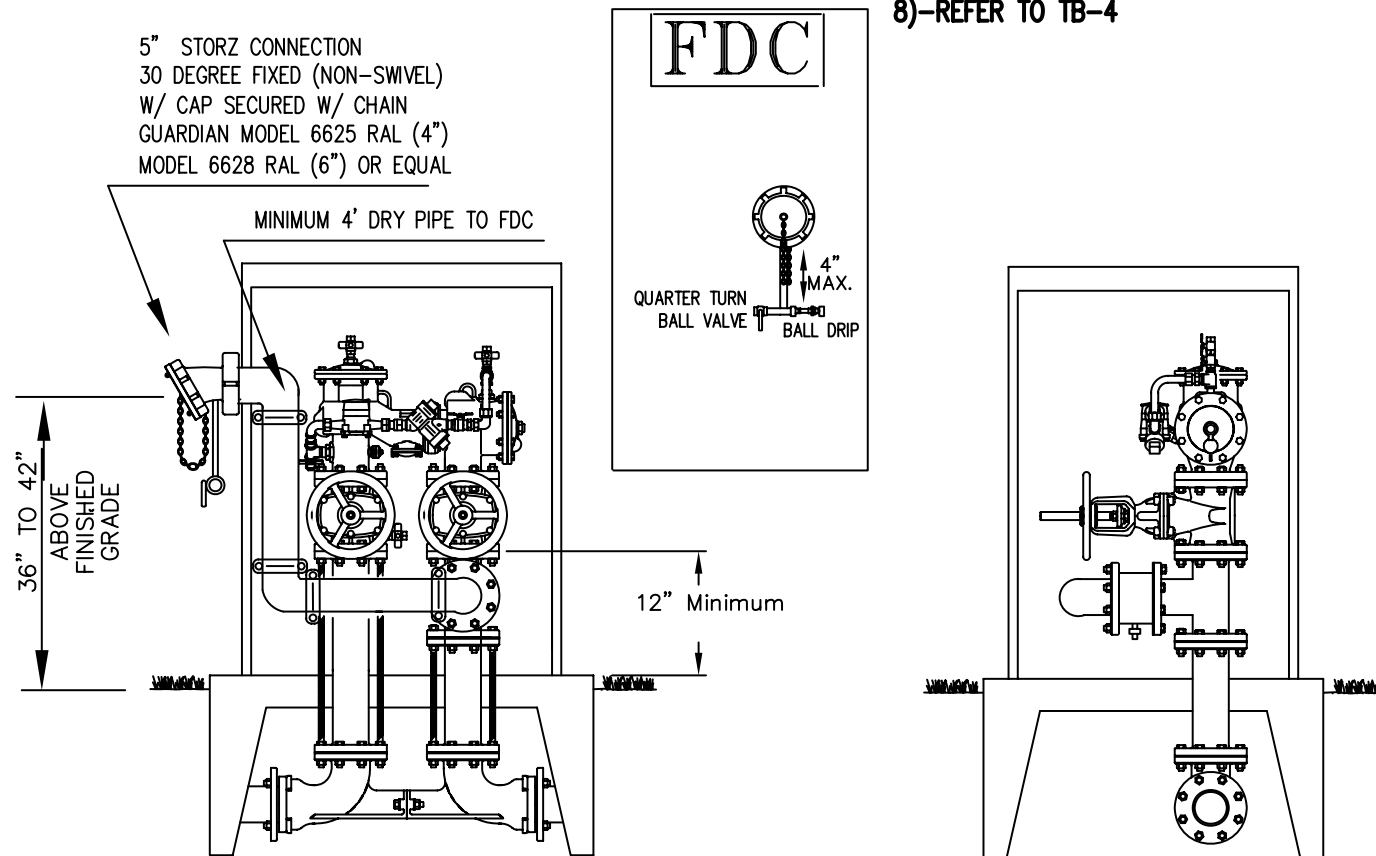
TYPICAL NOTES:

- 1)-ALL EXPOSED PIPING AND FITTINGS TO BE GALVANIZED
WITH EXCEPTION OF STORZ CONNECTION
- 2)-40' MAX. FROM FDC TO FIRE APPARATUS ACCESS (DRIVEWAY)
- 3)-FOR NFPA 13R SYSTEMS (2 1/2" RISER AND SMALLER) SINGLE
FDC W/ RALEIGH THREADS (3.340 X 6 SHARPE V FORM)
- 4)-WHEN BUILDING HT. IS GREATER THAN 200' USE RAL. SIAMESE
- 5)-AN APPROVED CONNECTION (TAPPING NOT APPROVED)



TYPICAL NOTES:

- 1)-ALL PIPING AND FITTINGS TO BE DUCTILE IRON, GALVANIZED BRASS, STAINLESS STEEL, OR ALUMINIUM
- 2)-40' MAX. FROM FDC TO APPARATUS ACCESS LOCATION
- 3)-FDC TO FACE FIRE APPARATUS ACCESS LOCATION (DRIVEWAY)
- 4)-DO NOT BLOCK APPARATUS ACCESS TO BUILDING WITH HOSE LAY FROM HYDRANT TO FDC
- 5)-MINIMUM DISTANCE 3 FEET BEHIND CURB, PROTECT FROM VEHICLES
- 6)-PROVIDE HEAT AND ALARM SUPERVISION TO HOT BOX (2 CONDUITS)
- 7)-COMPLY WITH PUBLIC UTILITIES HANDBOOK REQUIREMENTS
- 8)-REFER TO TB-4



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

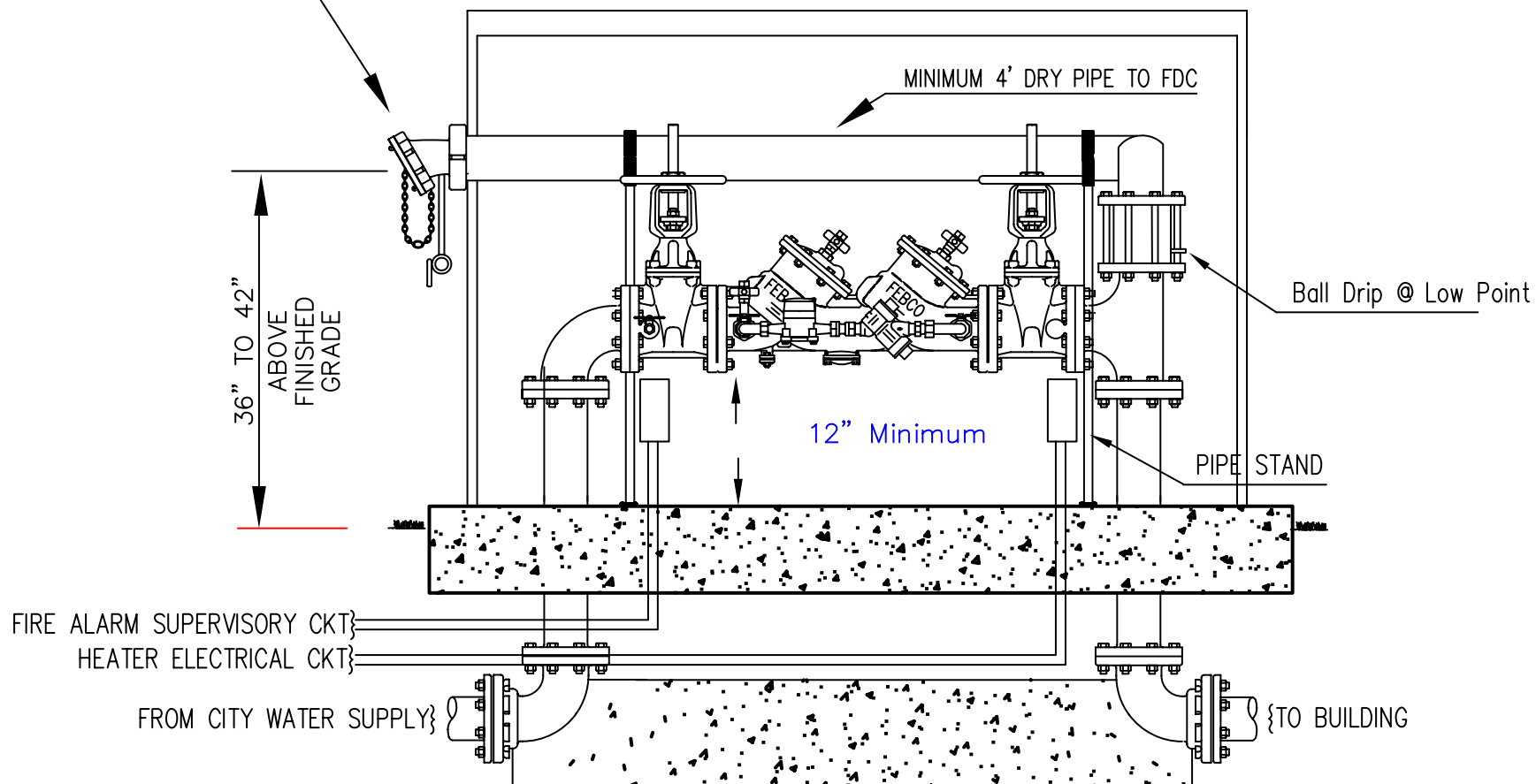
DESCRIPTION:
HOTBOX FDC DETAIL REQUIREMENTS

REVISIONS:
5-1-06
W Warren L

DATE:
4-1-06
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DRAWING NO.
FP-16

5" STORZ CONNECTION
30 DEGREE FIXED (NON-SWIVEL)
W/ CAP SECURED W/ CHAIN
GUARDIAN MODEL 6625 RAL (4")
MODEL 6628 RAL (6") OR EQUAL



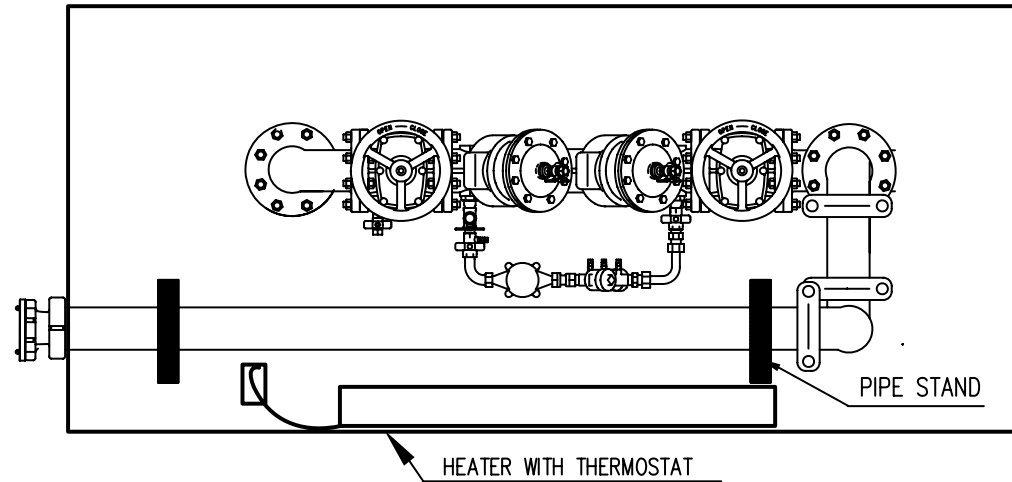
CITY OF RALEIGH FIRE DEPARTMENT
FIRE PROTECTION DIVISION
310 WEST MARTIN ST. RALEIGH, NC 27602

DESCRIPTION:
HOTBOX INLINE BACKFLOW

REVISIONS:
5-1-06
W Warren

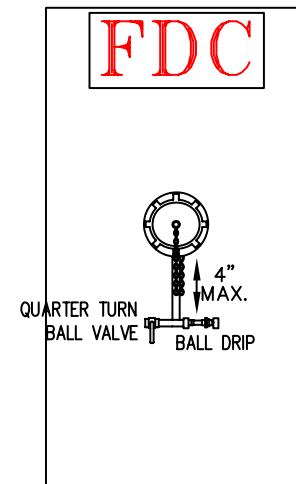
DATE:
4-1-06
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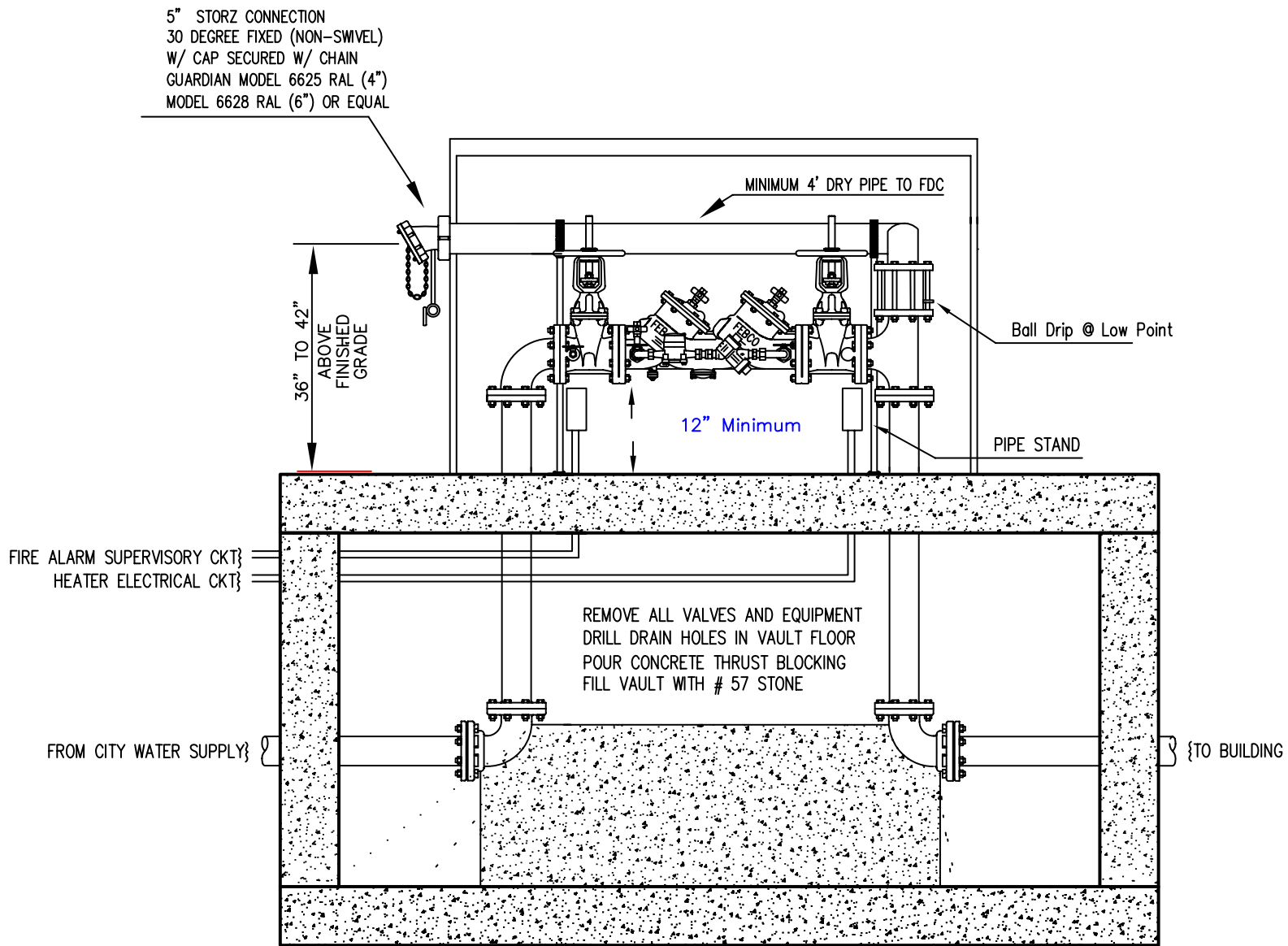
DRAWING NO.
FP-17A



TYPICAL NOTES:

- 1)-ALL PIPING AND FITTINGS TO BE DUCTILE IORN, GALVANIZED BRASS, STAINLESS STEEL, OR ALUMINIUM
- 2)-40' MAX. FROM FDC TO APPARATUS ACCESS LOCATION
- 3)-FDC TO FACE FIRE APPARATUS ACCESS LOCATION (DRIVEWAY)
- 4)-DO NOT BLOCK APPARATUS ACCESS TO BUILDING WITH HOSE LAY FROM HYDRANT TO FDC
- 5)-MINIMUM DISTANCE 3 FEET BEHIND CURB, PROTECT FROM VEHICLES
- 6)-PROVIDE HEAT AND ALARM SUPERVISION TO HOT BOX (2 CONDUITS)
- 7)-COMPLY WITH PUBLIC UTILITIES HANDBOOK REQUIREMENTS





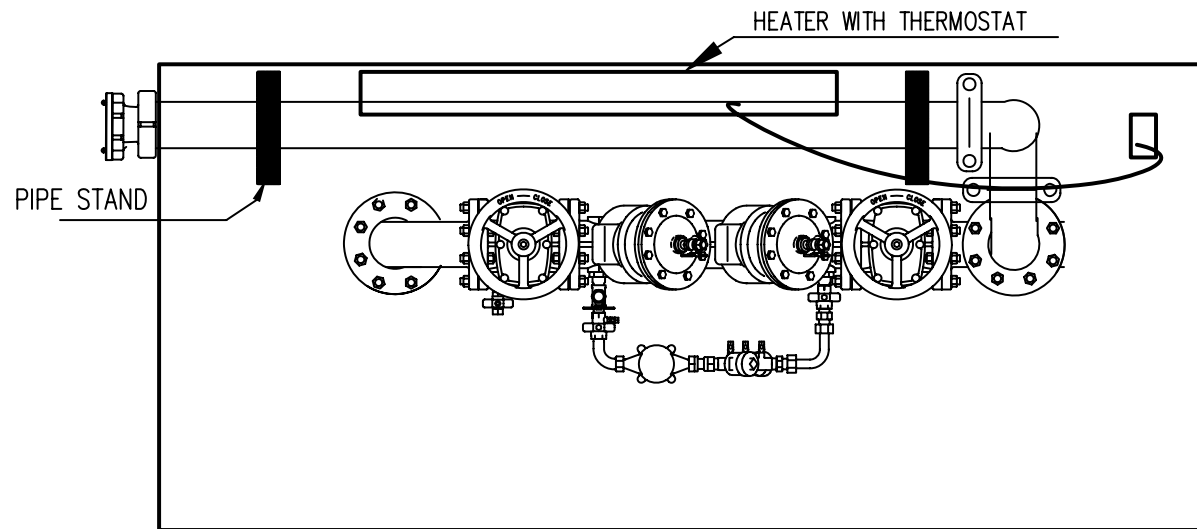
CITY OF RALEIGH FIRE DEPARTMENT
FIRE PROTECTION DIVISION
310 WEST MARTIN ST. RALEIGH, NC 27602

DESCRIPTION:
INLINE RETROFIT DETAIL (VAULT)

REVISIONS:
5-1-06
W Warren

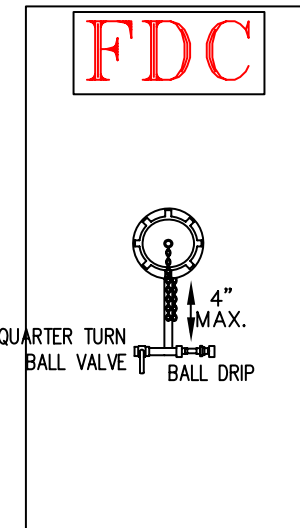
DATE:
4-1-06
L L

DRAWING NO.
FP-18A



TYPICAL NOTES:

- 1)-ALL PIPING AND FITTINGS TO BE DUCTILE IORN, GALVANIZED
BRASS, STAINLESS STEEL, OR ALUMINIUM
- 2)-40' MAX. FROM FDC TO APPARATUS ACCESS LOCATION
- 3)-FDC TO FACE FIRE APPARATUS ACCESS LOCATION (DRIVEWAY)
- 4)-DO NOT BLOCK APPARATUS ACCESS TO BUILDING WITH HOSE
LAY FROM HYDRANT TO FDC
- 5)-MINIMUM DISTANCE 3 FEET BEHIND CURB, PROTECT FROM VEHICLES
- 6)-PROVIDE HEAT AND ALARM SUPERVISION TO HOT BOX (2 CONDUITS)
- 7)-COMPLY WITH PUBLIC UTILITIES HANDBOOK REQUIREMENTS

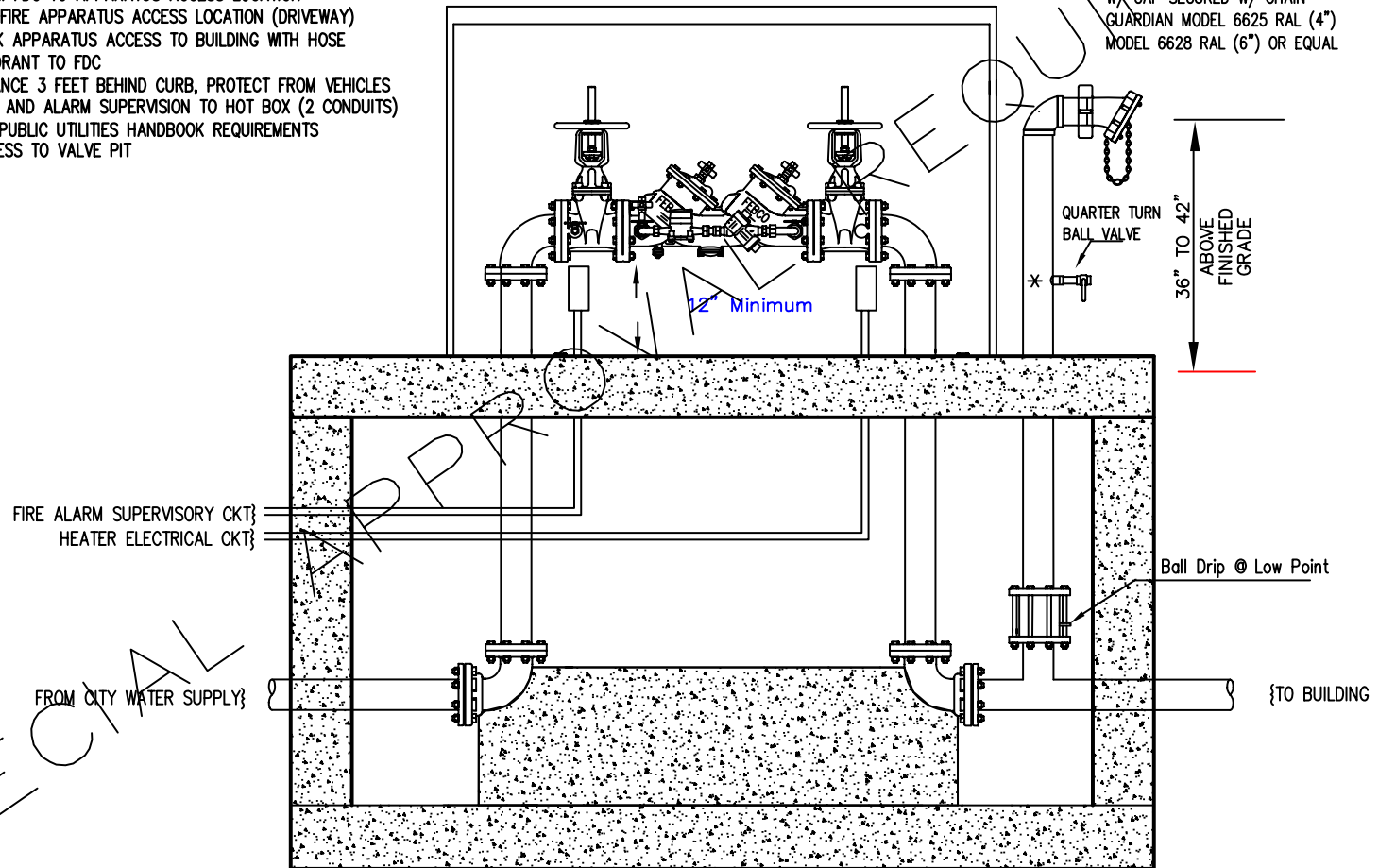


TYPICAL NOTES:

- 1)-ALL PIPING AND FITTINGS TO BE DUCTILE IRON, GALVANIZED BRASS, STAINLESS STEEL, OR ALUMINIUM
- 2)-40' MAX. FROM FDC TO APPARATUS ACCESS LOCATION
- 3)-FDC TO FACE FIRE APPARATUS ACCESS LOCATION (DRIVEWAY)
- 4)-DO NOT BLOCK APPARATUS ACCESS TO BUILDING WITH HOSE LAY FROM HYDRANT TO FDC
- 5)-MINIMUM DISTANCE 3 FEET BEHIND CURB, PROTECT FROM VEHICLES
- 6)-PROVIDE HEAT AND ALARM SUPERVISION TO HOT BOX (2 CONDUITS)
- 7)-COMPLY WITH PUBLIC UTILITIES HANDBOOK REQUIREMENTS
- 8)-MAINTAIN ACCESS TO VALVE PIT

ALL PIPE AND FITTINGS
TO BE GALVANIZED

5" STORZ CONNECTION
30 DEGREE FIXED (NON-SWIVEL)
W/ CAP SECURED W/ CHAIN
GUARDIAN MODEL 6625 RAL (4")
MODEL 6628 RAL (6") OR EQUAL



CITY OF RALEIGH FIRE DEPARTMENT
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DESCRIPTION:
RETROFIT BACKFLOW PREVENTER

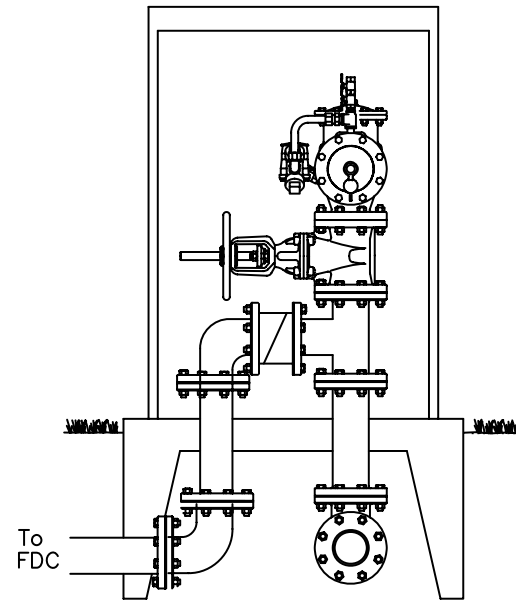
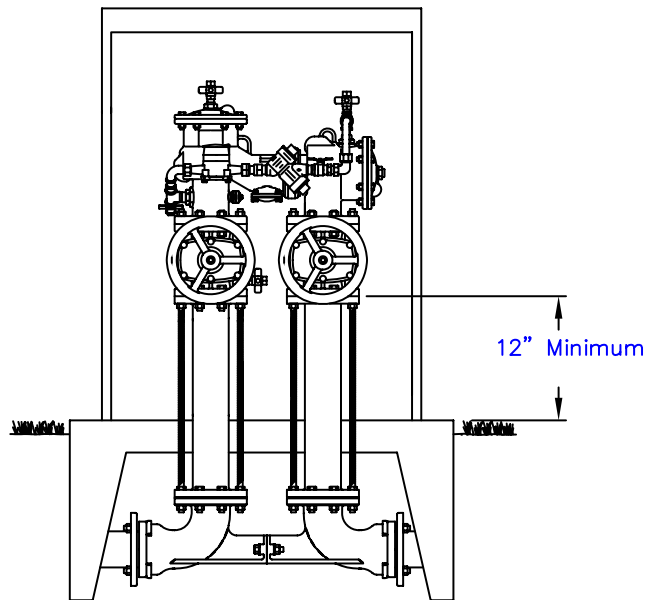
REVISIONS:
5-1-06
W Warren

DATE:
4-1-06
L L

DRAWING NO.
FP-19

TYPICAL NOTES:

- 1)-ALL PIPING AND FITTINGS TO BE DUCTILE IORN, GALVANIZED BRASS, STAINLESS STEEL, OR ALUMINIUM
- 2)-40' MAX. FROM FDC TO APPARATUS ACCESS LOCATION
- 3)-FDC TO FACE FIRE APPARATUS ACCESS LOCATION (DRIVEWAY)
- 4)-DO NOT BLOCK APPARATUS ACCESS TO BUILDING WITH HOSE LAY FROM HYDRANT TO FDC
- 5)-MINIMUM DISTANCE 3 FEET BEHIND CURB, PROTECT FROM VEHICLES
- 6)-PROVIDE HEAT AND ALARM SUPERVISION TO HOT BOX (2 CONDUITS)
- 7)-COMPLY WITH PUBLIC UTILITIES HANDBOOK REQUIREMENTS



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

DESCRIPTION:
HOTBOX DETAIL REQUIREMENTS

REVISIONS:
5-1-06
W Warren L

DATE:
4-1-06
L L

DRAWING NO.
FP-27