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 IORN, GALVANIZED BRASS, STAINLESS STEEL, OR ALUMINUM
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

MINIMUM 4' DRY PIPE TO FDC

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

MINIMUM 12" DISTANCE BEHIND CURB, PROTECT FROM VEHICLES

36" TO 42" ABOVE FINISHED GRADE

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

MINIMUM 4' DRY PIPE TO FDC

Ball Drip @ Low Point

12" Minimum

PIPE STAND

36" TO 42"

ABOVE FINISHED GRADE

FIRE ALARM SUPERVISORY CKT
HEATER ELECTRICAL CKT

FROM CITY WATER SUPPLY

{TO BUILDING}
TYPICAL NOTES:
1) ALL PIPING AND FITTINGS TO BE DUCTILE IRON, GALVANIZED
   BRASS, STAINLESS STEEL, OR ALUMINUM
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
5" STORZ CONNECTION
30 DEGREE FIXED (NON-SWIVEL)
W/ CAP SECURED W/ CHAIN
GUARDIAN MODEL 6625 RAL (4"
MODEL 6628 RAL (6") OR EQUAL

MINIMUM 4' DRY PIPE TO FDC

BALL DRIP @ LOW POINT

PIPE STAND

36" TO 42" ABOVE FINISHED GRADE

12" Minimum

FIRE ALARM SUPERVISORY CKT
HEATER ELECTRICAL CKT

REMOVE ALL VALVES AND EQUIPMENT
DRILL DRAIN HOLES IN VAULT FLOOR
POUR CONCRETE THRUST BLOCKING
FILL VAULT WITH # 57 STONE

FROM CITY WATER SUPPLY

TO BUILDING
TYPICAL NOTES:
1) ALL PIPING AND FITTINGS TO BE DUCTILE IRON, GALVANIZED
   BRASS, STAINLESS STEEL, OR ALUMINUM
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° SPRINKER CONNECTION
90° DEGREE FIXED (NON-SWIVEL)
WITH CAP SECURED W/ CHAIN
GUARDIAN MODEL 6625 RAL (4") MODEL 6628 RAL (6") OR EQUAL

BALL VALVE
QUARTER TURN
TYPICAL NOTES:
1) ALL PIPING AND FITTINGS TO BE DUCTILE IRON, GALVANIZED BRASS, STAINLESS STEEL, OR ALUMINUM
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