

NOTES:

1. PUMP STATION MUST MEET ALL ZONING SET-BACK REQUIREMENTS.
 2. PUMP STATION MUST MEET ALL LANDSCAPING REQUIREMENTS.
 3. WATER SERVICE FOR YARD HYDRANT MUST HAVE RPZ BACKFLOW PROTECTION. SIZE OF SERVICE MAY VARY.
 4. PUMP STATION EASEMENT TO BE 70'x70' MINIMUM.
 5. EQUIPMENT LOCATIONS MAY VARY.
 6. 5' BUFFER SHALL BE REQUIRED BETWEEN FENCE AND EASEMENT LINE.
 7. FOR ELECTRICAL PANEL, REFER TO DETAIL S-36 & S-37.
 8. SEE CITY SPECIFICATION 32-10-00 (PAVEMENT AND APPURTENANCES). PAVEMENT SHALL HAVE CAPACITY TO BEAR 88K G.V.W.
 9. IF NO ODOR CONTROL BUILDING, INSTALL YARD HYDRANT AS SHOWN. IF ODOR CONTROL BUILDING IS PRESENT, INSTALL HOSE BIBB ON ODOR CONTROL BUILDING IN LIEU OF YARD HYDRANT.
 10. IF ODOR CONTROL BUILDING IS PRESENT, RPZ SHALL BE LOCATED INSIDE THE BUILDING.
 11. ASPHALT OR CONCRETE DRIVEWAY AT CITY DISCRETION. DIVERT STORMWATER AWAY FROM PUMP STATION
- PUMP STATION EASEMENT FENCE RTU ANTENNA POLE LOCATION SHALL BE FIELD DETERMINED
- 5' BUFFER BETWEEN FENCE AND EASEMENT (ALL SIDES) x 3' CLEARANCE
- GRAVITY MAIN SIZE & LOCATION MAY VARY
- ELECTRICAL PANEL
- WYE
- PUMP STATION
- GENERATOR
- 4' CLEARANCE
- DRAIN
- ODOR CONTROL
- PUMPS
- DRIVEWAY, SEE NOTE 11
- 12' GATE
- 24' TURN AROUND
- X', TURNING RADIUS, TYP.
- YARD HYDRANT - SEE NOTE 9
- ACCESS DRIVEWAY LOCATION MAY VARY
- 20' EASEMENT
- R.O.W.
- RPZ IN ABOVE GROUND HEATED BOX SEE NOTE 10
- WATER METER
- FM BYPASS CONNECTION, SEE DETAIL S-55
- SEWER EASEMENT SIZE & LOCATION MAY VARY
- AREA LIGHT TO BE FIELD DETERMINED
- ACCESS EASEMENT LOCATION MAY VARY. ODOR CONTROL SITES REQUIRE ACCESS FOR 18 WHEEL TANKER

**CITY OF RALEIGH
STANDARD DETAIL**

REVISIONS	DATE: 01/18/2025	NOT TO SCALE
MINIMUM REQUIREMENTS FOR PUMP STATIONS		