

Georgetown County Regional Parks
Andrews Regional Recreation Center

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Drawn by: LW
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Revisions:
03-29-2018 REV. CROSSING NOTE OF PVC-14

WATER AND WASTEWATER PLAN
C107

LOCAL PUBLIC WATER AND WASTEWATER SERVICE

A. WATER AND WASTEWATER SYSTEM:
THE EXISTING PUBLIC WATER AND WASTEWATER SYSTEM IS OWNED AND OPERATED BY THE CITY OF ANDREWS.
SEE SHEET 2101 FOR FURTHER REQUIREMENTS AND INFORMATION.

FIRE SERVICE LINE:

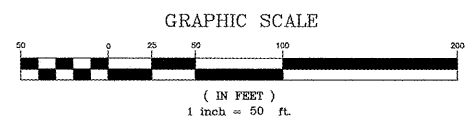
1. SITE CONTRACTOR WILL INSTALL THE 6" x 6" TAP WITH VALVE AT MAIN.
2. SITE CONTRACTOR SHALL INSTALL BACKFLOW PREVENTER VAULT AND WATER MAIN FROM TAPPING VALVE AT MAIN TO AND INTO BACKFLOW PREVENTER VAULT (SEE DETAIL). SITE CONTRACTOR TO VERIFY ADEQUACY OF VAULT SIZE WITH FIRE SPRINKLER CONTRACTOR PRIOR TO PURCHASE AND INSTALLATION.
3. CONTRACTOR SHALL INSTALL ALL FIRE LINE AND APPURTENANCES FROM AND INCLUDING THE COMPLETE BACKFLOW PREVENTER VAULT TO BUILDING AND TO ONE FOOT (1') ABOVE BUILDING FLOOR ELEVATION, INCLUDING THE POST INDICATOR VALVE (PIV) (IF REQUIRED) AND THE FIRE DEPARTMENT CONNECTION (FDC). CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE LOCATION OF THE FIRE SERVICE CONNECTION TO THE BUILDING WITH THE ARCHITECTURAL AND PLUMBING PLANS.
4. FIRE SPRINKLER CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TESTING, CERTIFICATION AND OTHER ITEMS NECESSARY FOR COMPLETE, INSTALLATION AND OPERATIONAL APPROVALS OF THE FIRE SYSTEM.
5. FIRE SPRINKLER CONTRACTOR MUST BE CERTIFIED FOR DESIGN, CERTIFICATION FOR LOCAL AND STATE COMPLIANCE OF FIRE SPRINKLER SYSTEMS.
6. DEPTH OF COVER FOR FIRE SERVICE LINE TO BE 3'-0" PER NFPA 24 (2013) SECTION 10.4.
7. JOINT RESTRAINT SYSTEMS SHALL BE IN ACCORDANCE WITH NFPA 24 (2013) SECTION 10.8 FOR CONCRETE THRUST BLOCKS (10.8.2) OF RESTRAINED JOINTS (10.8.3).
8. FIRE DEPARTMENT CONNECTION (FDC) TO BE LOCATED WITHIN 100 FT. OF FIRE HYDRANT.
9. INSTALL ELECTRONIC TAMPER MONITORING FOR VALVES AND CONNECT TO A REMOTE SUPERVISORY STATION.
10. NO SHUTOFF VALVE SHALL BE PERMITTED IN PIPE FROM FDC PIPING TO THE POINTS THAT THE FDC PIPING CONNECTS TO THE FIRE SPRINKLER SYSTEM PIPING. (PER NFPA 24, 2013, SECTION 5.9.3.2).
11. FIRE HYDRANT(S) TO BE LOCATED WITHIN 500 FT. OF FURTHEST POINT OF BUILDING.

BACKFLOW PREVENTION NOTES:

1. BACKFLOW PREVENTION DEVICE (BPD) MUST BE ON SC DHEC LIST OF APPROVED DEVICES.
2. PROVIDE 1000 W HEATER (4") OR 1500 W. (6") BPD PER HOT BOX, INC RECOMMENDATIONS. 120 VOLT, SINGLE PHASE.
3. ELECTRICAL SERVICE TO BE INSTALLED IN ACCORDANCE WITH NATIONAL ELECTRICAL CODE AND ALL OTHER CODES AND REQUIREMENTS, PROTECT WITH A GFI. CONTRACTOR FULLY RESPONSIBLE FOR ELECTRICAL SERVICE.
4. ELECTRICAL OUTLET(S) SHALL BE TYPICAL FOR OUTDOOR USE AND INSTALLED ON A GROUND FAULTED CIRCUIT. THE OUTLET SHALL BE MOUNTED A MINIMUM OF 2" OFF THE FLANGE FACE AND 6" ABOVE THE HIGHEST POINT OF DISCHARGE.
5. ACCESS OPENINGS SHALL BE REMOVABLE PANELS UNLESS OTHER NOTED.
6. INSTALLATION SHALL BE MADE IN STRICT ACCORDANCE WITH LOCAL UTILITY AND AWWA STANDARDS.
7. CONTRACTOR TO FURNISH AND INSTALL A CONCRETE PAD AS SHOWN ON PLANS (SEE DETAIL).
8. ALL ABOVE GROUND PIPING TO BE DUCTILE IRON CLASS 50.
9. ENCLOSURE HATCHES SHALL HAVE A LOCKABLE HANDLE.

UTILITY LEGEND:

- W---(M)--- EXISTING WASTEWATER LINE AND MANHOLE
- W---(M)--- PROPOSED WASTEWATER LINE AND MANHOLE
- W---(C)--- EXISTING WASTEWATER SERVICE LINE AND CLEANOUT
- W---(C)--- PROPOSED WASTEWATER SERVICE LINE AND CLEANOUT
- FM--- EXISTING FORCE MAIN
- W---(G)--- EXISTING WATER LINE AND GATE VALVE
- W---(G)--- PROPOSED WATER LINE AND GATE VALVE
- W---(M)--- EXISTING WASTEWATER LINE AND MANHOLE



n/f
Georgetown County
Board of Education
Tms #06-0010-050-00-00
P.B. "1", Pg. 26
Total Area
210,035 ± sq. ft.
4.82 ± acres

Order Plans

AWWA

AWWA ONLINE.COM