

SCOPE OF WORK

- INSTALL TWO UNDERGROUND FIRE PROTECTION WATER STORAGE TANK (30,000 GALLONS TOTAL) WITH DRY HYDRANT.
- THE TANKS ARE TO BE "REFURBISHED FUEL TANKS"
- *NOTE* A MINIMUM OF 62.5 GPM TO FILL THE STORAGE TANKS TO BE PROVIDED BY OTHERS*
- LOCATIONS AND ELEVATIONS OF ALL EXISTING/OTHER UTILITIES WHETHER SHOWN OR NOT.

FIRE PROTECTION GENERAL NOTES

1. IF SHOWN, EXISTING/OTHER UTILITIES ARE APPROXIMATE ONLY. IT IS THE INSTALLING CONTRACTORS RESPONSIBILITY TO FIELD COORDINATE, LOCATE AND VERIFY ALL

- 2. A MINIMUM OF TWO (2) FULL BUSINESS DAYS BEFORE DIGGING, INSTALLING CONTRACTOR SHALL CALL SUNSHINE STATE ONE CALL AT 811 OR 800-432-4770 TO REQUEST
- 3. ALL WORK PERFORMED WITHIN AN EASEMENT OR THE PUBLIC RIGHT-OF-WAY REQUIRES A SEPARATE PERMIT ISSUED BY THE CITY ENGINEER.
- 4. ALL FIRE MAIN PIPING SHALL HAVE A MINIMUM OF 30" OF COVER FROM GRADE IN UNPAVED AREAS, 36" OF COVER UNDER DRIVEWAYS, ROADS, PAVED AREAS, ETC. PIPING SHALL BE PROTECTED UNTIL WORK IS COMPLETED.
- 5. UTILITY CROSSINGS AND SEPARATION REQUIREMENTS SHALL BE IN ACCORDANCE WITH F.A.C. 62-555, FDEP AND LOCAL WATER PURVEYOR/UTILITY COMPANY
- 6. RETURN ALL TEST PAPERS AND DIMENSIONED "AS-BUILT" PLANS INDICATING ANY FIELD CHANGES TO THE ENGINEER.
- 7. DRAFT TEST TO BE PERFORMED BY COLUMBIA COUNTY.

APPLICABLE CODES

FLORIDA FIRE PREVENTION CODE 7TH EDITION. FLORIDA BUILDING CODE 7TH EDITION (2020).

NFPA 1142 (2017), STANDARD ON WATER SUPPLIES FOR SUBURBAN AND RURAL FIRE FIGHTING

ALL APPLICABLE FEDERAL, STATE AND LOCAL CODES.

FIRE PROTECTION MATERIALS

UNDERGROUND PIPE & FITTINGS:

2"-6" PIPING (SOLVENT WELDED):

SCHEDULE 40 PVC, ASTM F442 W/ SCH. 40 PVC FITTINGS, ASTM F438;

SYMBOLS LEGEND

FIRE DEPARTMENT CONNECTION

FLOW SWITCH OS&Y VALVE

CHECK VALVE

BUTTERFLY VALVE

FIRE HOSE VALVE

ALARM BELL

RISER LOCATION

NEW CONNECTION

HYDRAULIC REFERENCE POINT

PLUG

FIRE HYDRANT

---- Existing fire line

DEMOLISH EXISTING FIRE LINE

PIPE HANGER

ABBREVIATIONS

ABOVE FINISH FLOOR AUTOMATIC SPRINKLERS BACKFFLOW PREVENTER CAST IRON CORROSION RESISTANT CONTROL VALVE DUCTILE IRON EXTENDED COVERAGE ELEVATION

EXTRA HAZARD ENGINEER OF RECORD FINISHED FLOOR FACTORY MUTUAL

FIRE DEPARTMENT CONNECTION

FIRE HOSE VALVE FIRE HOSE VALVE CABINET FLOW SWITCH GALLONS PER MINUTE

HIGH PRESSURE LIGHT HAZARD LOW PRESSURE LOW PRESSURE SWITCH

MECHANICAL JOINT NATIONAL FIRE PROTECTION ASSOCIATION ORDINARY HAZARD OUTSIDE SCREW & YOKE PRESSURE SWITCH

POUNDS PER SQUARE INCH QUICK RESPONSE RECESSED PENDENT RISER NIPPLE

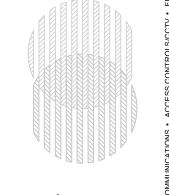
REDUCED PRESSURE BACKFLOW PREVENTER SQUARE FEET TEMPERATURE

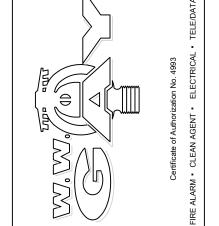
TAMPER SWITCH TYPICAL UNDERWRITERS LABORATORY UNLESS NOTED OTHERWISE

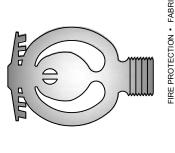
2251 ROSELLE STREET JACKSONVILLE, FL 32204 PHONE: (904) 387-7973 FAX: (904) 394-7261 WWW.SCIENSBUILDINGSOLUTIONS.COM

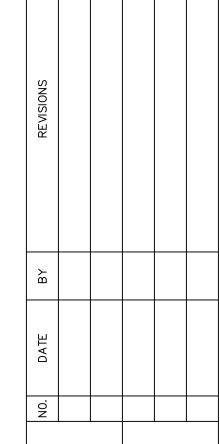
GAINESVILLE BRANCH: 2500 N.E. 18TH TERR. GAINESVILLE, FL 32609







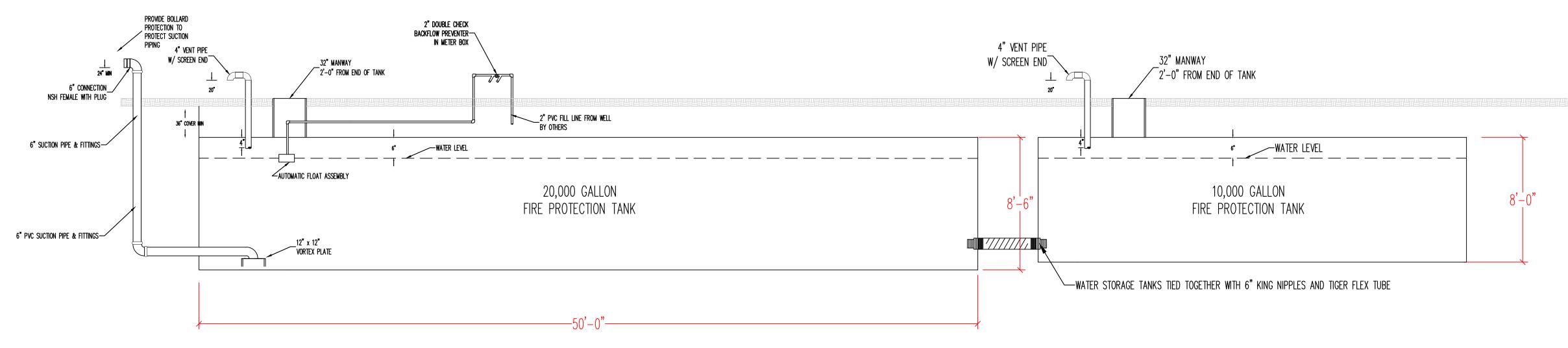




PROTECTION LAYOU

SEPTEMBER 7, 2021 JOB NO: FP-275291

DRAWN BY: CHECKED BY: AHB RB PROJECT FOLDER:



SCALE: 1/4"=1'-0"

FIRE PROTECTION WATER STORAGE TANK DETAIL

SCALE: 1/4"=1'-0"