



10/09/2020

Lancaster County, South Carolina
Indian Land Soccer Complex

10167 Harrisburg Road
Indian Land, SC 29707

△ Revisions:

Proj. No.: 80702
Date: 10/09/2020

Sheet Name:
DOMESTIC WATER
ISOMETRIC

P-902

REFERENCE KEYNOTES:

- 301 PROVIDE CONNECTION TO PIPING PROVIDED UNDER SITE UTILITIES.
- 305 PIPING RUN IN ATTIC SPACE ABOVE CEILING, BENEATH INSULATION LAYER.
- 306 COORDINATE WITH GENERAL CONTRACTOR ON INSULATION IN ATTIC. VERIFY BLANKET INSULATION IS DOUBLE LAYERED ON TOP OF ALL DOMESTIC WATER PIPING IN ATTIC TO PREVENT FREEZING OF PIPE.
- 307 PROVIDE AND INSTALL HEAT TRACE ON DOMESTIC WATER PIPING IN ATTIC RUN ABOVE BREEZEWAY SPACE FOR FREEZE PROTECTION. BASIS OF DESIGN: THERMON 3-FLX-1 SELF-REGULATING HEATING CABLE, OR APPROVED EQUAL. START UP TEMPERATURE 40°F. LENGTH LESS THAN 30 FEET. 110 V, 20 A, 3 WATTS/FOOT @ 50°F. PROVIDE AND INSTALL MANUFACTURER'S ADJUSTABLE AMBIENT SENSING THERMOSTAT, CABLE SPLICES, END SEALS, SUPPORT BRACKETS, ALUMINUM TAPE AND ELECTRIC TRACE LABELS (TO BE APPLIED EVERY 10'), COORDINATE WITH ELECTRICAL CONTRACTOR. FOLLOW MANUFACTURER'S INSTALLATION, TESTING AND WARRANTY DOCUMENTATION REQUIREMENTS.
- 308 ROUTE WATER PIPING WITHIN HEATED CHASE SPACE.

1 OVERALL DOMESTIC WATER ISOMETRIC
SCALE: NTS