

DATE	LOCATION
Tuesday March 24, 2020	NSCC Kingstec Campus

1. Schedule

Time	Task
7:30 am – 8:00 am	Orientation
8:00 am – 10:00 am	Competition
10:00 am - 10:15 am	Break
10:15 am - 12:00 pm	Competition
12:00 pm – 12:30 pm	Lunch (provided)
12:30 pm – 3:30 pm	Competition
3:45 pm	Competition ends

2. Purpose of the Contest

The purpose of the plumbing competition is to exhibit the attitude, skills, and talent required to complete a challenging plumbing project.

3. Criteria

The criteria of this competition will be for the apprentice plumbing learners to compete with safety first and foremost on their minds. They have the opportunity to show their quality of workmanship, personal goals, while developing and building relationships with other apprentices and accepting the decisions of the judges with the final outcomes.

4. Number of Stations / Allocations

There will be eight (8) spaces.

5. Skills & Knowledge to be Tested

- Submit isometric drawings and material list for assessment;
- Calculate lengths, measurements and fitting allowance and various piping offsets;
- Apply safe work practices;
- Assemble piping project as represented in the drawing;
- Use various pipe and joining methods including but not limited to the following types of pipe and fitting systems – ABS, PVC system 15, Cast-iron, pex (various fitting systems) , Viega Propress and copper to name some;
- Set a plumbing fixture

- Perform an air test.

6. Prerequisites

Contest-Specific Prerequisites

- Must be enrolled in a secondary/post-secondary plumbing and or pipes trades program OR be registered in the apprenticeship plumber program.

SCNS Prerequisites

- Enrolled in a community college, university or private school OR be registered as an apprentice with the Department of Labour and Advanced Education;
- Registered as a competitor with Skills Canada – Nova Scotia (SCNS);
- The competitor cannot be a certified journeyperson;
- The competitor must possess a Canadian citizenship or landed immigrant status and be a resident of Nova Scotia. Competitors are responsible for verifying this information if requested;
- Have been earning post-secondary credits any time during the academic school year (September to June);
- All competitors must be able to show either current apprenticeship status and/or proof of enrollment in a post-secondary institution upon request of the Provincial Technical Committee (PTC) or SCNS.

7. Equipment & Clothing

a) What Will Be Supplied

- All piping and fittings and necessary pipe joining tools;
- Solder;
- Paste;
- Cleaning cloth;
- Cleaning brushes;
- PVC cement;
- Rubber / latex gloves for glue, if necessary;
- Screws;
- Propane.
- Snap cutters;
- Propress tool.

b) What Competitors Must Supply

- Safety glasses;
- Hard hat;
- CSA Approved boots;
- Gloves for soldering (leather or Kevlar);
- Coveralls or overalls;
- Measuring tape;
- Pencil;
- Torpedo level;
- Calculator;
- Hacksaw;
- Copper tube cutters;
- Red Robertson Screwdriver;
- Torch for soldering;
- Flint Striker;
- Philips Screwdriver;
- Pair of Channel locks;
- 2- adjustable wrenches;
- Pex cutters;
- IPT hand book.
- Cordless Drill
- CPC 2015

8. Evaluation & Judging Criteria

Item	Percentage
Accuracy of installation	50%
Quality of workmanship	30%
Water piping pressure test (air)	10%
Safety	10%

9. Additional Information

10. PTC Contact Information

Name	Employer	Email
Ronda Frigault - Chair	NSCC IT Campus	ronda.frigault@nsc.ca
Jason Saltzman – NTC Member	NSCC Kingstec Campus	jason.saltzman@nsc.ca

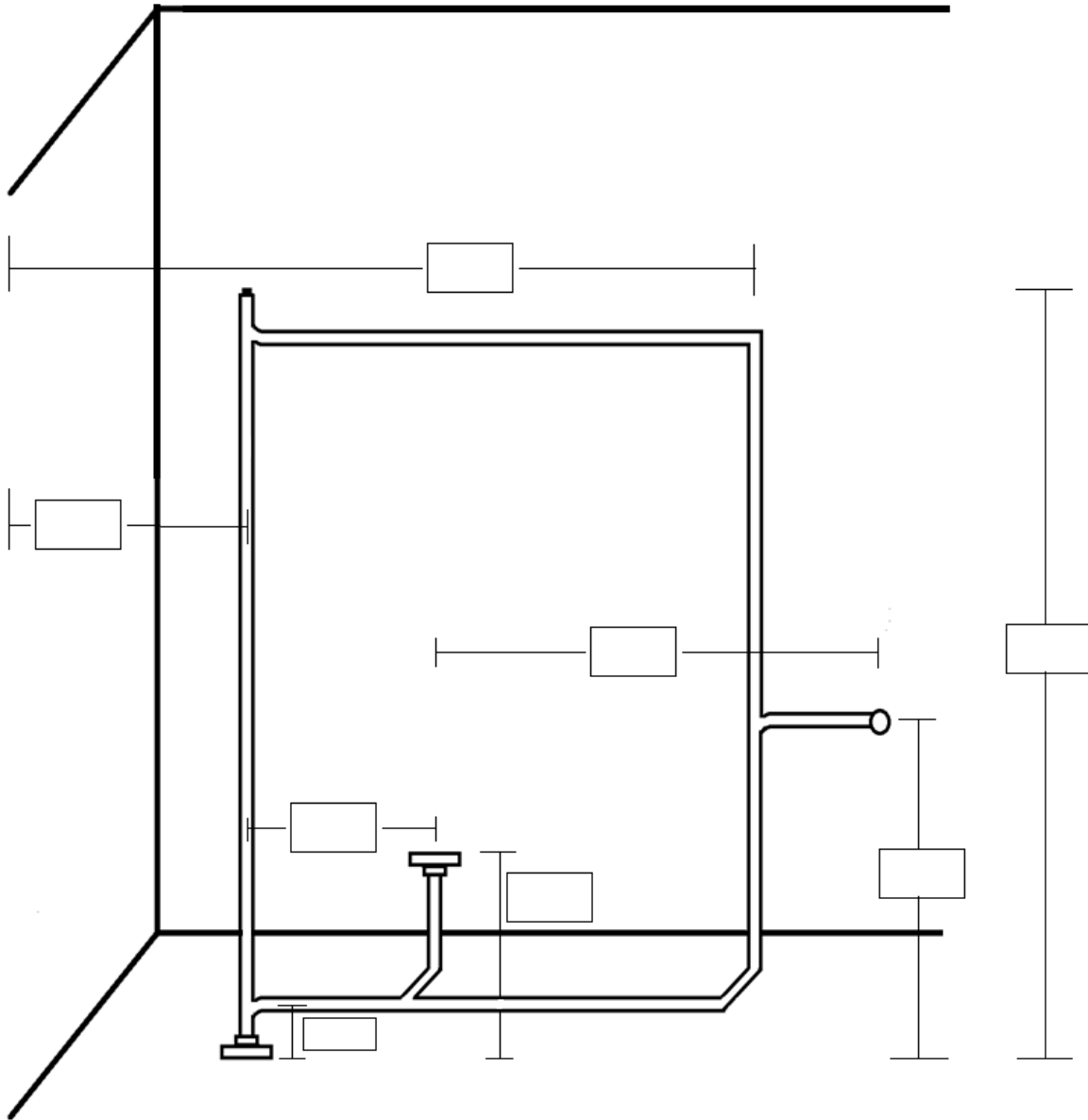


**Contest Description
Plumbing
Post-Secondary**

Greg Pope	UA Local 56	training@local56.ca
Ryan Skinner	Industry / UA Local 56	rj-skinner@hotmail.com

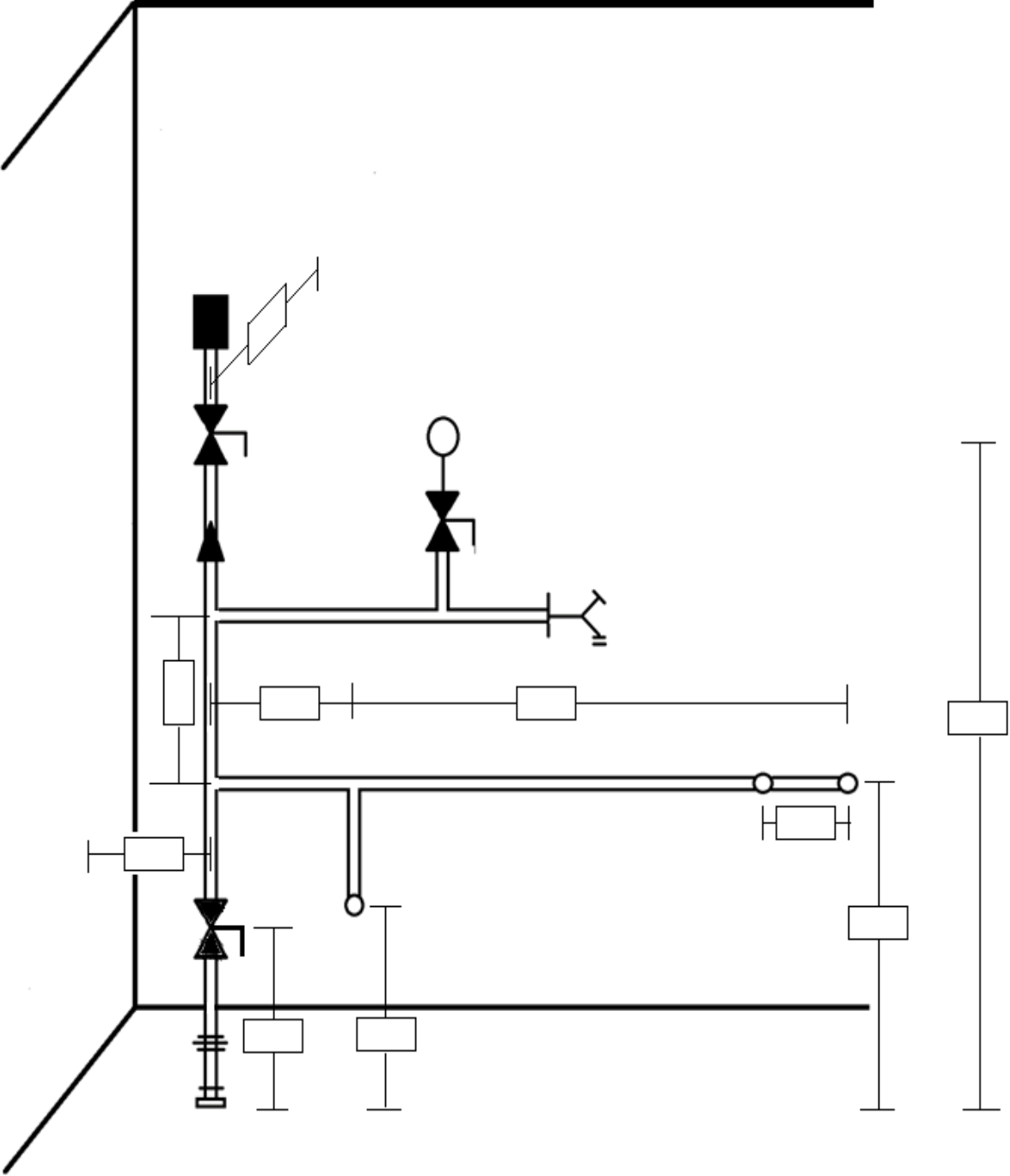
Nova Scotia Skills Competition

Drainage Drawing



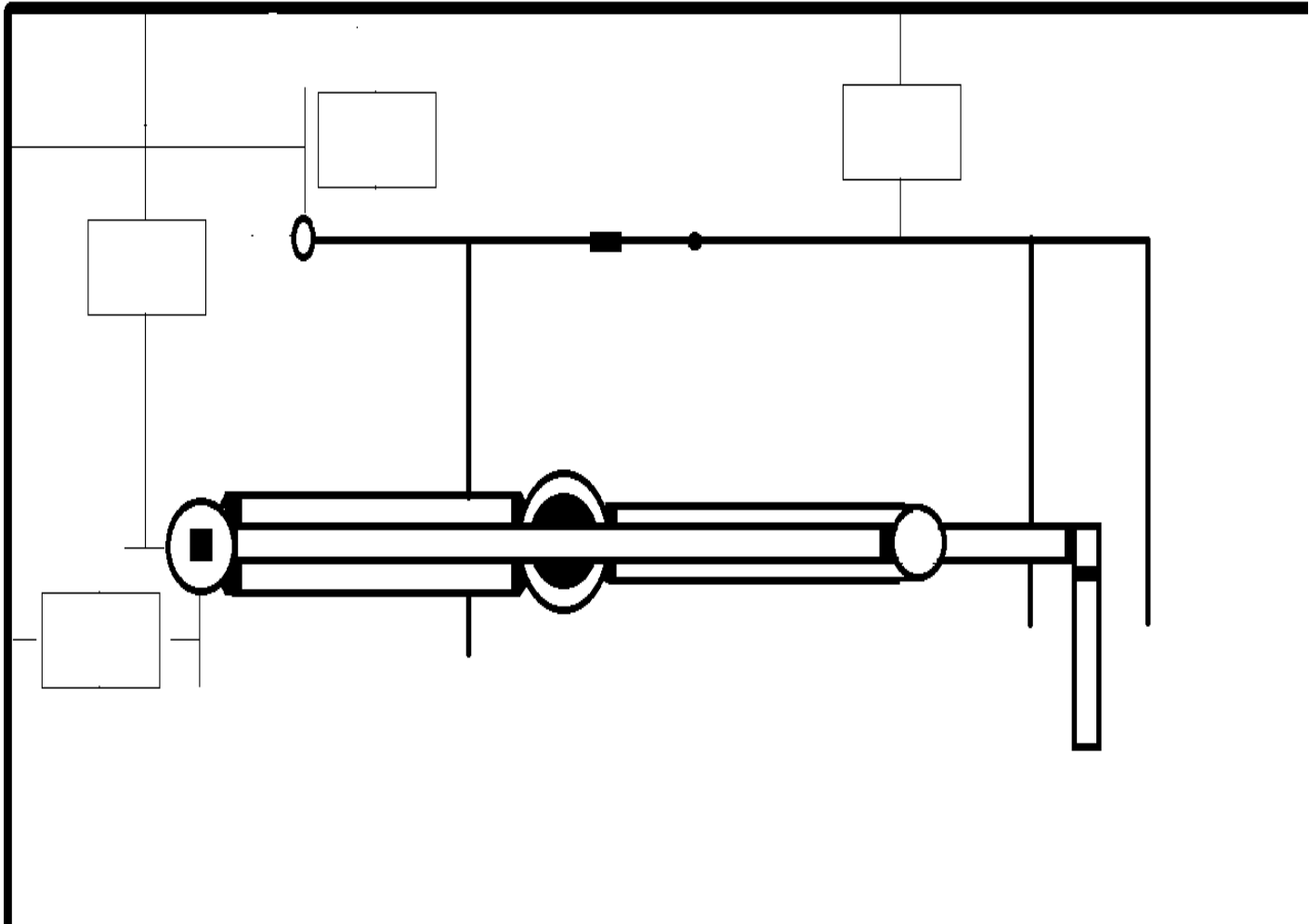
Nova Scotia Skills Competition

Water Line Drawing



NS Skills Competition

Plan View



NS Skills Competition

Detail Drawing

