

2020 MICHIGAN SKILLS USA CHAMPIONSHIPS  
TASK AND MATERIALS LIST

SKILL OR LEADERSHIP AREA: Architectural Drafting

**CONTEST LOCATION:**

Amway Grand Plaza Hotel  
187 Monroe Avenue NW  
Grand Rapids, MI 49503, US  
(616) 774.2000  
<http://www.amwaygrand.com/>

**RESUMÉ:**

Each student must submit a one-page printed resum  before the contest start at the contest site (present to contest coordinator, not judges). The resum  is no longer submitted online. This is the only time that resum s can be turned in. Failure to do so will result in a 10 point penalty.

**TIMES SCHEDULE ON CONTEST DAY**

- Setup: 7:00 am to 7:45 am
- Contest: 8:00 am to 1:30 pm

**TASKS TO BE PERFORMED:**

- Design a “Residential Structure or Addition”
  1. Draw detailed Floor Plan(s)
  2. Hand lettering
  3. Draw major Elevation(s)
  4. Wall Section
  5. Modify a Site Plan
    - ADA compliance
    - Part of the problem may be hand drawn as a sketch and part of the problem will be completed on the computer. You will be told specific parts on the day of the contest.
    - Contestant must plot to a .pdf file. Please have local IT set this up on student computers before arriving

**The Architectural Graphic Standards or a single Architectural classroom textbook will be the only reference allowed. The contest technical committee will provide other reference material deemed necessary.**

**STUDENTS MUST SUPPLY:**

- Drafting/mechanical pencils
- Drawing instruments
- Calculator

- Other personal drafting equipment as desired
- Computer or laptop (with monitor(s))
- CAD software already installed on computer and licensed (no network service)
- PDF conversion software already installed on computer (for contest submission)
- Resumé

#### CLOTHING REQUIREMENTS:

- Collared Skills USA white shirt
  - Dress black pants or skirt
  - Dress black belt
  - Dress black shoes (socks)
1. The drafting portion of the contest is sketching.
  2. CAD portion of the contest is set up with CAD workstations.
  3. **IMPORTANT** – Contestants must bring their own computer (either desktop or laptop) and necessary accessories with the CAD software already loaded. You are responsible for the security and maintenance. Computer hardware and software will **NOT** be provided.
  4. Network/Bluetooth connections – Bluetooth on laptops must be disabled. No network plotting is required. Contestant must plot to a .pdf file for digital judging.
  5. No teachers or advisors will be allowed in the contest area once the contest begins.

The State Office and Contest Chairperson must clear any other special requests. Please contact Contest Chairperson Steve Vasiloff ([vasilofs@salineschools.org](mailto:vasilofs@salineschools.org)) during school hours for any further questions or requests.

Revised 11/7/18

# 2020 Architectural Drafting Scorecard

1	Hand sketch/Site Plan	150	
2	Lettering Exercise	50	
3	First Floor Plan	300	
4	Exterior Elevations	200	
5	Building Section	150	
6	Schedule(s)	50	
7	Discretionary/Quality	50	
8	Written Exam	50	
	Clothing	-10	
	Resume Penalty	-10	
	Final Score	1000	

Competitor Number: \_\_\_\_\_

Final Place: \_\_\_\_\_

- High School
- Post Secondary