

**SHERMAN COUNTY SCHOOL DISTRICT**  
**Architectural Design Committee – Meeting Notes**  
**January 14, 2015**

The Board appointed members of the Sherman County School District Architectural Design Committee met in the Sherman County Public/School Library Meeting Room in Moro, Oregon on January 14, 2015. The following were present: Facilitator, Mike Marino; Architect, Todd Turner; Superintendent, Peter Tarzian; Committee Members: Angie Thompson, Bill Martin, Kyle Blagg, Gerald Casper, Lowell Smith, Bill Blevins, Ken Melzer, Amy Huffman, and Craig Wood; Community Members: Chris Kaseberg; Emergency Services Personnel: Dan DeHaven, Shawn Payne, and Jim Payne; Recorder: Jeanie Pehlke

**Call to Order**

The meeting was called to order at 5:02 p.m.

**Meeting Notes**

Todd Turner gave a quick overview of last week's meeting and handed out a new draft concept that reflects last week's discussion.

Notes from the Ag Science and Technology Advisory meeting (attached) were shared with the group. The greenhouse location and possible re-use of the grade school greenhouse for elementary students were discussed. Abundant electrical (including 3-phase power), an open-flexible layout, and storage for metal and wood were emphasized. The current Ag building is approximately 4,500 sf and the new building is currently drawn with approximately 5,200 sf. The current shop has two (2) metal benches with fifteen (15) stations; three (3) 5'X5' wood working tables; one (1) table saw; eight (8) arch welders; three (3) mig welders; a plasma cutting area and the current greenhouse is 1,200 sq. Jared Collins stated that he would like to retain space for his current functions but make the space flexible so a piece of equipment can be brought inside. He also would like a little larger greenhouse. It was determined that ten (10) welding booths with down draft fume collection and the ability to support various welding techniques would be ideal. Also, lockers, sinks, an emergency shower (eyewash) and a changing area are important. Mr. Turner recommended infrared heating for this area. Mr. Collins may take some advisory committee members to visit some ag/shop facilities.

Bill Martin asked why the construction of the kitchen had been moved from the first phase of the project to the second phase. Mr. Turner explained that with the aggressive timeframe he recommends the current kitchen and shop building be kept intact for use at the beginning of next school year just in case the new construction is not ready to service students. Mr. Martin stated that his preference is to construct both the kitchen and the ag/shop building as soon as possible.

Emergency services requirements were discussed. Deputy DeHaven noted that in the event of an emergency, it will be important for the campus to support a large number of oversized emergency vehicles. He shared some ideas for secured access and remote locking doors. It was determined that speed bumps and traffic calming strategies will be explored to keep traffic in front of the school slow. Committee members recommended that both ends of the road be kept open.

Mr. Turner then walked the group through the draft plan noting that the entry had been moved away from the library in an effort to create an obvious school entrance. The library will need to implement a plan for security of their door and a plan to accommodate media resources for K-6 students. The concept showed the administrative offices on the south side of the proposed entrance and a collaboration area for teachers on the north side. The committee recommended that these areas be flop-flopped in order to locate office staff closer to the elementary students. It was also noted that the gym has been enlarged from the previous plan. This latest concept added an additional 2,000 sf over the original program amount. This is mostly due to the larger gym/flex space and the addition of the collaboration area.

Peter Tarzian requested that the junior high (6<sup>th</sup>, 7<sup>th</sup> and 8<sup>th</sup> grades) be somehow clustered in close proximity to each other. Angie Thompson noted that her preference would be to keep the 6<sup>th</sup> graders as close to the elementary students as possible. Some walls and classrooms down the current junior high hall maybe a good location for this cluster and will be explored. It was also determined that Title 1 may not need a large classroom, and maybe best accommodated in hallways in the line of sight of the teacher.

Concerns about budget and academic programs were raised. Dr. Tarzian stated that academic programing and staffing will be one of the next steps to ensure we plan for the needed classrooms.

### **Adjourned**

The meeting was adjourned at 6:45 p.m.

**SHERMAN COUNTY SCHOOL DISTRICT**  
**MEETING NOTES – Agricultural Science and Technology**  
**Building Design Advisory**  
**January 13, 2015**

The Agricultural Science and Technology Advisory for the Sherman County School District Design Committee met in Wasco, Oregon on January 13, 2015. The following were present: Facilitator, Peter Tarzian, Committee Members: Jared Collins, Chris Kaseberg, Jesse Stutzman, Eric Wahler, Beth McCurdy and Tracy Fields; Recorder, Jeanie Pehlke.

**DISCUSSION**

Advisory members were introduced. Peter Tarzian opened the meeting by stating the programs should drive the design of the building. The following emerging trends were discussed and may need to be considered as the design develops:

- ✓ Computers are a requirement.
- ✓ There is much less mechanics now than in the past.
- ✓ Guidance and GPS is huge.
- ✓ Apps for telephones and iPads are serving the industry in major ways.
- ✓ Welding technology has changed.
- ✓ Business Management needs to be addressed.
- ✓ Drones are now being used.

It was noted that curriculum should expose students to a little of everything including (at minimum) wood, metal fabrication, small engine repair, and welding. It was also suggested that the Ag program needs to serve students investigating the trades and it will need to support all students k-12. The curriculum could include real life business management skills including proposal development, cost of waste and cost analysis. Space for FFA activities is needed to support public speaking and leadership skills.

The following items were discussed as possible design ideas:

- ✓ Spaces should accommodate approximately twenty (20) students
- ✓ Open concept would be ideal
- ✓ Possible tables on wheels to allow classroom area to be used as flex space (possible drop down electrical in ceiling)
- ✓ Line of sight from the classroom to all areas (Critical for supervision)
- ✓ Large rollup door to accommodate large equipment (16')
- ✓ Possible 2-story building
- ✓ Greenhouse(s) – possibly attached (not south side – too hot)
- ✓ Covered-secure area on the outside - attached to building (lean-to style)
- ✓ Welding Booth Stations with ability to support multiple welding types (*10 stations*)
- ✓ Fume collection (in the floor?)
- ✓ Plasma cutting area (need mini area of 8'x8')
- ✓ Woodshop
- ✓ Small FFA Room for meetings and storage
- ✓ Lots of electric outlets also 3-phase power
- ✓ Storage – Lots of it
- ✓ Sinks
- ✓ Lockers/Changing Area
- ✓ Eyewash / Emergency Shower
- ✓ Washrooms
- ✓ Barn for live animals
- ✓ Possible light tubes in lieu of windows

There was a discussion regarding Weir funds. Weir District was asked to consider how they would like to support the project. Options are for equipment or the building. The School District would like a commitment of a single sum within the next four (4) months.

The group was invited to the meeting with Architects on Wednesday, January 14, 2015.

***Instructor, Jared Collins included some feedback he received from other Agriculture Instructors who have offered some good advice:***

1. **Classroom** – dream big on capacity. Is this a new building? I would put sinks in there like a science room, have tables not desks, put plug-ins in the floor, and STORAGE. I'd throw in afterthoughts like computer network/wireless/etc. but that should be automatic these days (but isn't always).

**Greenhouse** – you probably have a good handle on that. I am not a fan of the Redmond model but that is just me. I know when we built ours by code it was a commercial building so the costs were higher due to increased code requirements.

**Shop** - POWER is huge, we just went through this in our shop remodel. Three phase is a must. Space is imperative. I'd include instruction space, not just fab space. Ventilation is expensive too; a lot of places are going to the point source exhaust systems, not the overhead hoods.

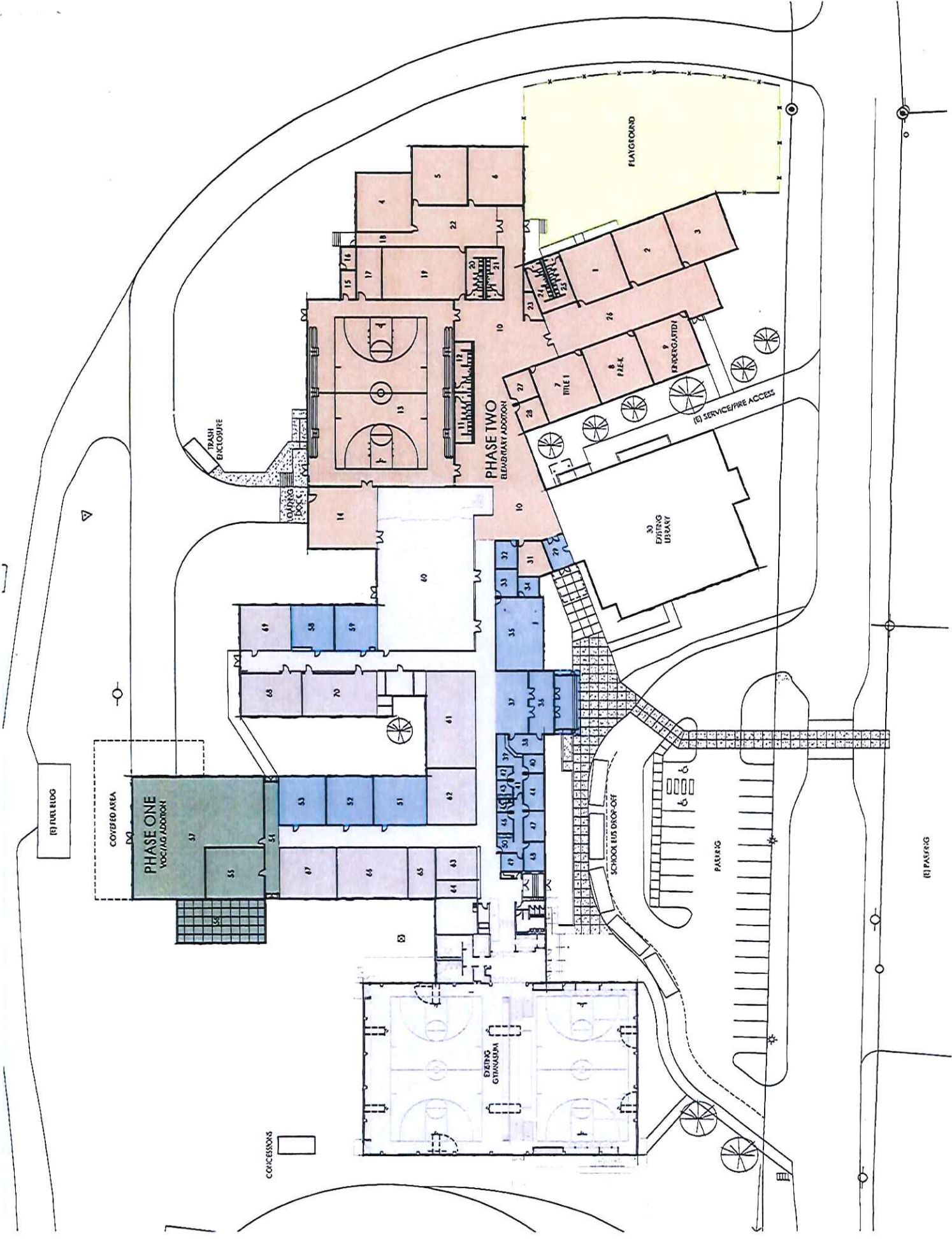
2. That's awesome news! My advice is to not skimp on power in the shop. Lots of outlets reduce cords running across the shop floor. I also wish I had lab stations in my classroom with science tables and sinks. Other than that, my advice is to get out on the road and go look at some programs. It will be money well spent. I am a huge fan of the way Silverton is laid out. Hermiston wasn't bad, but didn't have any room to expand the outdoor areas for the greenhouse and shop yard. I have some opinions on shop and greenhouse equipment too. Have to get to class right now. Later.
3. That's awesome! Congrats! If I could design a classroom, and you teach any sort of CASE courses, I would definitely think of design in terms of your science needs.....lab tables, a vent hood, lots of storage cabinets that lock, computer lab, etc.
4. In both of my teaching assignments the greatest frustration or limiting factor has been the availability of receptacles. I am always in the oldest addition to the school and the classroom has limited 110v outlets and my shop either is missing 240v outlets, has different plugs or they are inconveniently placed. Currently, my welding booths are all 3 phase 240volt receptacles and the school bought me a ton of single phase welders. They planned to switch them out but after learning it would cost over 8k they changed their mind. Now I have welders without a way of powering them.

In the end I wish I had:

Retractable ceiling electrical outlets positioned above classroom tables (to power laptops, lab equipment or other classroom tools)

in the shop think long term - what equipment do you want to power so you can calculate load, types of receptacles and placement





# ROOM KEY

No.	Room	SF (NET)	New	Remodel	Existing
1	1st Grade	950	950		
2	2nd Grade	950	950		
3	3rd Grade	950	950		
4	4th Grade	950	950		
5	5th Grade	950	950		
6	6th Grade	950	950		
7	Title I	950	950		
8	Pre-Kindergarten	950	950		
9	Kindergarten	950	950		
10	Commons	5,352	5,352		
11	Girls Lockers	274	274		
12	Boys Lockers	274	274		
13	Gymnasium	8,198	8,198		
14	Kitchen	1,265	1,265		
15	Electrical Room	124	124		
16	Fire Control	99	99		
17	PE Storage	382	382		
18	Hall	229	229		
19	Flex Room (Arts)	1,289	1,289		
20	Girls Restroom	283	283		
21	Boys Restroom	283	283		
22	Collaboration (4-6)	1,012	1,012		
23	Janitor	123	123		
24	Boys Restroom	283	283		
25	Girls Restroom	283	283		
26	Collaboration	2,191	2,191		
27	Office	226	226		
28	Office	226	226		
29	Library Vestibule	204		204	
30	Existing Library	7,347			7,347
31	Office	305	305		
32	Office	178		178	
33	Office	178		178	
34	Server	121		121	
35	Staff Workroom	1,028		1,028	
36	Main Vestibule	473		473	
37	Main Entry	630		630	
38	Lobby	196		196	
39	Reception	182		182	
40	Admin. Asst.	113		113	
41	Hall	239		239	
42	Time Out	61		61	
43	Health	85		85	
44	Conference	222		222	
45	Restroom	61		61	
46	Secretary	99		99	
47	Principal	183		183	
48	Superintendent	178		178	
49	Business Manager	120		120	
50	Break	90		90	
51	English Classroom	766		766	
52	Spanish Classroom	675		675	
53	Social Studies Classroom	675		675	
54	Hall	460	460		
55	Agriculture Science	890	890		
56	Greenhouse	1,200	1,200		
57	Vocational Agriculture	4,037	4,037		
58	TA/G/SKORE	562		562	
59	Flex Space #2	563		563	
60	Cafeteria	4,896			4,896
61	Room	1,452			1,452
62	Room	835			835
63	Room	402			402
64	Room	218			218
65	Room	414			414
66	Room	1,080			1,080
67	Room	871			871
68	Room	780			780
69	Room	678			678
70	Room	974			974
	Total	65,667	37,838	7,882	19,947

**BBT**

ARCHITECTS

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