

Preparation of Educational Specifications for Parkview Early Literacy Center, Roswell Independent School District, 2014

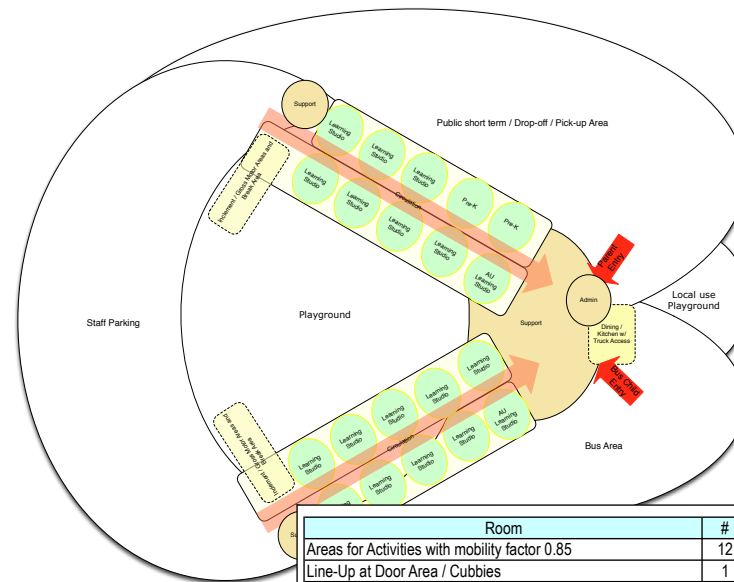
The Roswell Independent School District retained Architectural Research Consultants, Incorporated (ARC) to develop Educational Specifications (EdSpecs) to address the expansion, modernization and/or new construction for Parkview Early Literacy Center. The school housed both pre-kindergarten developmentally delayed (Pre-K DD) students who were three and four years old, and typically developing Pre-K students, but the two programs operated separately. The Pre-K DD program was unique because it housed all of these students in the district at one location.

For this project, ARC based decisions about physical space needs on current best evidence, researching the methods and philosophies of many other Pre-K facilities and programs that support special needs such as autism and physical therapy in and out of the region. The resulting EdSpecs addressed planning and design of new and/or renovated facilities to adequacy for a projected enrollment of 350 three- and four-year-old DD students. The study also contributed to the New Mexico Public School Facilities Authority's (PSFA) development of adequacy standards for Pre-K facilities.

ARC worked with a committee of school and district staff, a parent and PSFA field representative to develop three possible options: 1) expand and modernize the existing facility; 2) construct a mostly new facility on the current site and keep limited areas of the existing school; or 3) replace the facility on the current site. The options addressed the unique requirements of Pre-K DD students, including the need for specialized spaces; accommodations for medically fragile students; a safe and secure bus area; food service that follows governmental regulations; breakout areas to allow students from both programs to interact; playgrounds that are also instructional areas; and secure exterior spaces to prevent students from running away. The committee preferred option 2 or 3. The EdSpec also addressed staging during construction, considering the issues that would specifically affect Pre-K DD students. The expected opening of the completed school is August 2016.

Client: Roswell Independent School District

Completion: 2014



Conceptual Site Relationship Diagram of Option to Replace the Entire School (left)

Calculation of Learning Studio Size (right)

Room	#	SF	SF
Areas for Activities with mobility factor 0.85	12	26.0	367
Line-Up at Door Area / Cubbies	1	35	35
Eating Area	1	100	100
Group Rug / Promethean Bd Area	1	140	140
BASE Learning Area			642
Increase due to DD Student separation factor 0.70			917.23
Pre-K DD Classroom (students x SF)	12	77	918
CR Storage Room	1	50	50
Teacher Storage / records	1	25	25
EA Storage / records	2	7.5	15
			1008
CR Sensory Room	1	90	90
CR Service Area and Storage	1	80	80
CR Restroom (w/ 2 WC, Changing Table, sink)	1	70	70
Total NASF Learning Studio			1248
Learning Studio Area / DD Student	12	104	
Learning Studio Area / DD AU Student	6	208	

Conceptual Relationship Diagram of Learning Studio Modernization (below)

