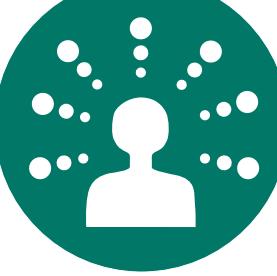
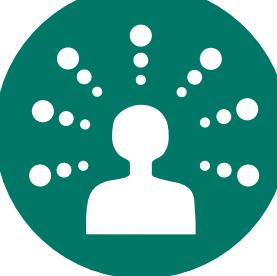
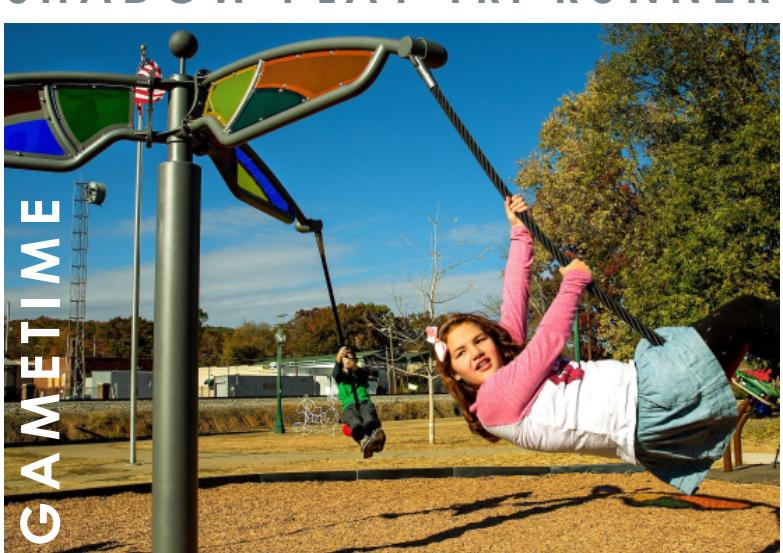
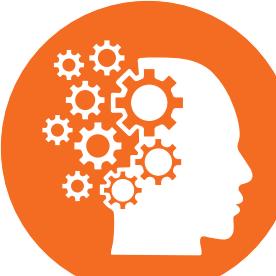
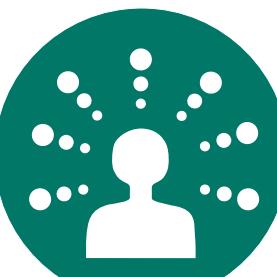
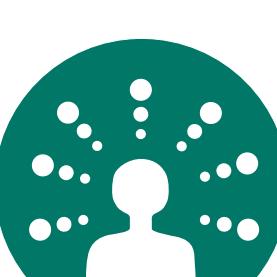


# WILLOW BEND PARK PLAY EQUIPMENT

## EVIDENCE BASED DESIGN

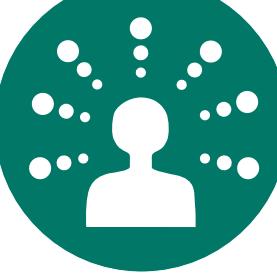
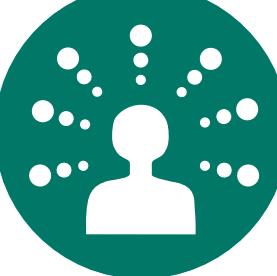
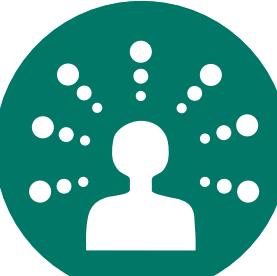
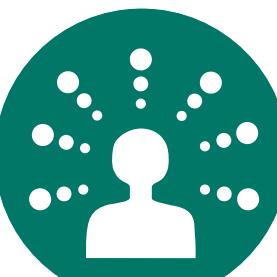
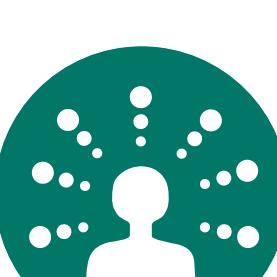
| PLAY EQUIPMENT   | TYPES OF INCLUSIVE PLAY  | ACCESSIBLE FEATURES AND INCLUSIVE PLAY BENEFITS  | PHYSICAL  | SOCIAL-EMOTIONAL  | SENSORY   | COGNITIVE   | COMMUNICATION   | INCLUSIVE DESIGN PRINCIPLE |
|--|--|--|---|---|---|---|---|----------------------------|
| MOUND PLAY POD<br>          | PHYSICAL CHALLENGE<br>UPPER BODY EVENT   | THIS COLLECTION OF MOUNDS, PLAY SPHERES, A ROLLER SLIDE, AND A SPACE ARCH PROVIDE A  |   |   |   |   |   |                            |
| SKY RUN ZIP TRACK<br>      | MOTION/ MOVEMENT<br>SENSORY PLAY<br>PARALLEL PLAY  | ENABLES CHILDREN OF ALL ABILITIES TO PLAY TOGETHER AND ENGAGE IN SENSORY AND IMAGINATIVE PLAY SIDE-BY-SIDE   |  |  |  |  |  |                            |
| MERRY GO ALL<br>           | MOTION/ MOVEMENT<br>SENSORY PLAY<br>COOPERATIVE PLAY<br>TRANSFER HEIGHT                            | INCLUSIVE DESIGN ACCOMMODATES UP TO 8 USERS (4 SEATED, 4 STANDING) WITH SEATS AT TRANSFER HEIGHT TO ENCOURAGE SOCIAL INTERACTION AND COLLABORATIVE PLAY. CHILDREN ARE ENCOURAGED TO WORK TOGETHER TO DRIVE THE ACTIVITY. |  |  |  |  |  |                            |
| SHADOW PLAY TRI RUNNER<br> | SENSORY PLAY<br>COOPERATIVE PLAY<br>MOTION/ MOVEMENT   | THREE SEATS ENCOURAGE SOCIAL AND COOPERATIVE SPINNING PLAY, WHILE THE COLORFUL PANELS CAST SHADOWS ON THE GROUND FOR A SENSORY PLAY ELEMENT  |  |  |  |  |  |                            |
| PLAY TOWER<br>             | PHYSICAL CHALLENGE<br>TRANSFER<br>MOTION/ MOVEMENT<br>DRAMATIC PLAY<br>SENSORY PLAY/ BALCONY PANEL | THE TOWER, INCLUDING ADA ACCESSIBLE RAMPS AND BUILT-IN SHADE, IS DESIGNED TO HAVE SOMETHING FOR EVERYONE OF DIFFERENT ABILITIES TO DISCOVER  |  |  |  |  |  |                            |
| LOG BALANCE BEAM<br>       | SENSORY PLAY<br>BALANCE  | PROMOTES BALANCE AND FULL BODY STABILITY AND COORDINATION  |  |  |  |  |   |                            |
| HILLSIDE ARCH<br>          | SENSORY PLAY<br>BRACHIATING PLAY   | PROMOTES UPPER BODY STRENGTH AND TEACHES STABILITY   |  |  |  |  |   |                            |
| MOUND TUGROPE<br>          | SENSORY PLAY<br>BRACHIATING PLAY   | PROMOTES BALANCE, UPPER BODY STRENGTH, AND A TACTILE EXPERIENCE  |  |  |  |  |   |                            |
| ROXALL SEE SAW<br>         | COOPERATIVE PLAY<br>MOTION/ MOVEMENT<br>TRANSFER HEIGHT  | OFFERS 4 HIGH BACK SEATS WITH RAILS FOR CHILDREN OF ALL ABILITIES, WITH ADDITIONAL SEATING IN THE CENTER SAUCER AT TRANSFER HEIGHT   |  |  |  |  |  |                            |

### 7 PRINCIPLES OF UNIVERSAL DESIGN

- 1) EQUITABLE USE
- 2) FLEXIBILITY IN USE
- 3) SIMPLE + INTUITIVE USE
- 4) PERCEPTIBLE INFORMATION
- 5) TOLERANCE FOR ERROR
- 6) LOW PHYSICAL EFFORT
- 7) SIZE + SPACE FOR APPROACH + USE

# WILLOW BEND PARK PLAY EQUIPMENT

## EVIDENCE BASED DESIGN

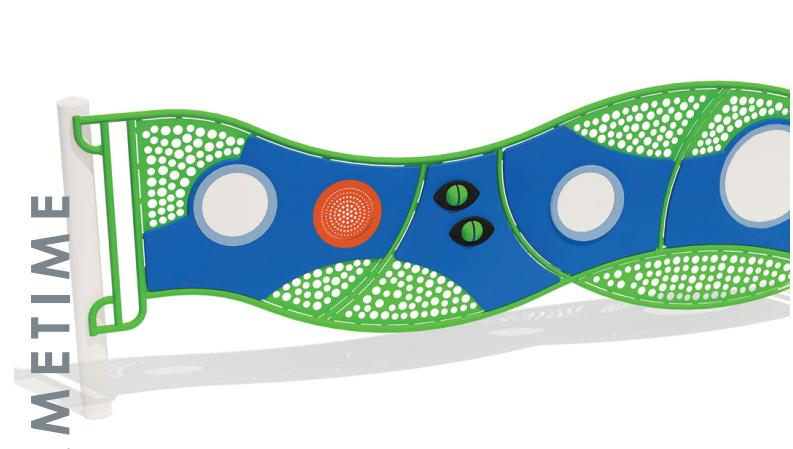
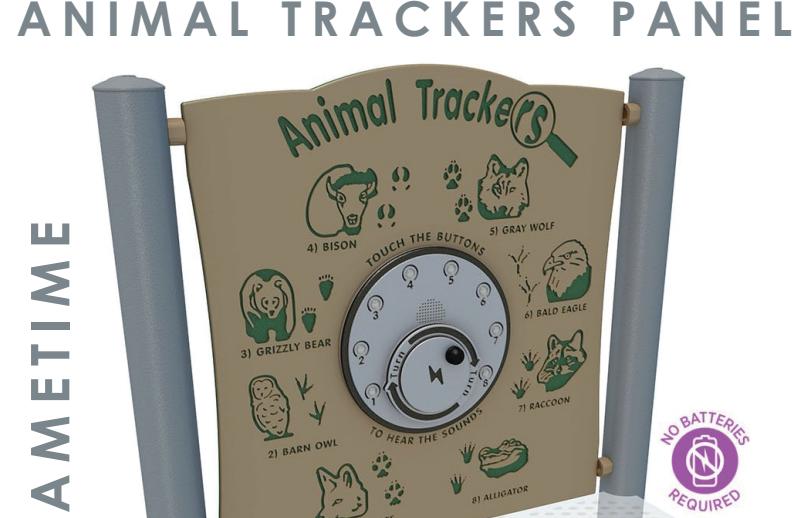
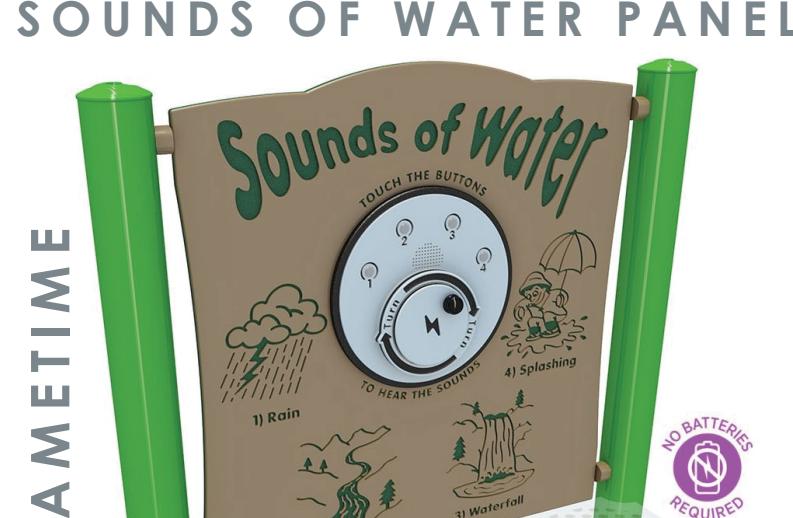
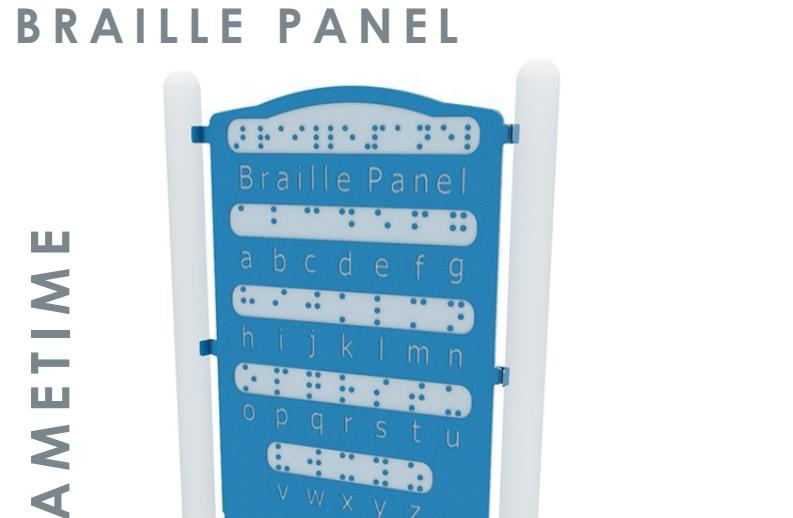
| PLAY EQUIPMENT   | TYPES OF INCLUSIVE PLAY  | ACCESSIBLE FEATURES AND INCLUSIVE PLAY BENEFITS   | PHYSICAL  | SOCIAL-EMOTIONAL  | SENSORY   | COGNITIVE   | COMMUNICATION   | INCLUSIVE DESIGN PRINCIPLE |
|--|--|---|---|---|---|---|---|----------------------------|
| CANTATA CHIMES<br>             | MUSIC PLAY<br>SENSORY PLAY   | PRECISION TUNED TO A PENTATONIC SCALE TO PREVENT WRONG NOTES, AND AVAILABLE WITH ADAPTIVE MALLET  |   |   |   |   |   |                            |
| JAZZ A MINOR<br>              | MUSIC PLAY<br>SENSORY PLAY   | ENHANCES COGNITIVE SKILLS AND IS ACCESSIBLE TO ALL CHILDREN AND ADULTS  |  |  |  |  |  |                            |
| CONCERT TRIO<br>              | MUSIC PLAY<br>SENSORY PLAY   | INCLUSIVE/ACCESSIBLE MUSIC ELEMENT FOR ALL CHILDREN AGES 2-5 WITH A TONE CHAMBER TO AMPLIFY SOUND   |  |  |  |  |  |                            |
| SAUCER SWING<br>              | SENSORY PLAY<br>COOPERATIVE PLAY<br>MOTION/ MOVEMENT                             | CONTAINS SPACE FOR 5 CHILDREN OF ALL ABILITIES FOR COOPERATIVE PLAY. TRANSFER HEIGHT FOR MOBILITY DEVICES AND VESTIBULAR STIMULATION FOR SENSORY PROCESSING DISORDERS   |  |  |  |  |  |                            |
| ZERO G SWING CHAIR<br>         | MOTION/ MOVEMENT<br>SENSORY PLAY   | DIFFERENT SIZES FOR AGES 2-5 AND 5-12. ENGAGES SENSES AND ENCOURAGES INTERACTION WITH CAREGIVERS AND PEERS. ALLOW FOR PARALLEL PLAY FOR CHILDREN WITH DIFFERENT ABILITIES. POSITION OF CHAIR HELPS USERS MAINTAIN A NEUTRAL BODY POSITION AND MINIMIZES FATIGUE |  |  |  |   |  |                            |
| EXPRESSION SWING UNIVERSAL<br> | MOTION/ MOVEMENT<br>SENSORY PLAY<br>BALANCE + COORDINATION                       | FOR AGES 5-12, THIS FACE TO FACE, EYE TO EYE DESIGN ALLOWS FOR OPPORTUNITIES FOR MULTIGENERATIONAL PLAY AND EMOTIONAL BONDING. THE ADAPTIVE SEAT CATERS TO ALL ABILITIES.   |  |  |  |   |  |                            |
| EXPRESSION SWING TODDLER<br>   | MOTION/ MOVEMENT<br>SENSORY PLAY<br>BALANCE + COORDINATION                       | FOR AGES 2-5, THIS FACE TO FACE, EYE TO EYE DESIGN ALLOWS FOR OPPORTUNITIES FOR MULTIGENERATIONAL PLAY AND EMOTIONAL BONDING. THE ADAPTIVE SEAT CATERS TO ALL ABILITIES.  |  |  |  |   |  |                            |
| BELT SWING SEAT<br>            | SENSORY PLAY<br>MOTION/ MOVEMENT<br>PHYSICAL CHALLENGE<br>BALANCE + COORDINATION | ENHANCES CORE STRENGTH WHILE INCREASING SPATIAL AWARENESS AND HELPING DEVELOP FINE AND GROSS MOTOR SKILLS   |  |  |  |  |  |                            |
| ENCLOSED TOT SWING<br>         | MOTION/ MOVEMENT<br>SENSORY PLAY<br>BALANCE + COORDINATION                       | FOR AGES 2-5, ENHANCES CORE STRENGTH WHILE INCREASING SPATIAL AWARENESS AND HELPING DEVELOP FINE AND GROSS MOTOR SKILLS   |  |  |  |   |  |                            |

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# WILLOW BEND PARK PLAY EQUIPMENT

## EVIDENCE BASED DESIGN

| PLAY EQUIPMENT   | TYPES OF INCLUSIVE PLAY   | ACCESSIBLE FEATURES AND INCLUSIVE PLAY BENEFITS   | PHYSICAL  | SOCIAL-EMOTIONAL  | SENSORY   | COGNITIVE   | COMMUNICATION   | INCLUSIVE DESIGN PRINCIPLE |
|--|---|---|---|---|---|---|---|----------------------------|
| <b>INCLUSIVE WHIRL</b><br>        | SENSORY PLAY<br>COOPERATIVE PLAY<br>MOTION/ MOVEMENT<br>UPPER BODY STRENGTH | A ZREO ENTRY UNIVERSAL DESIGN THAT IS WHEELCHAIR ACCESSIBLE AND EASY TO ACCESS FOR ALL USERS. THE FEATURE CAN BE TURNED FROM THE OUTSIDE, AND ENCOURAGES FACE TO FACE INTERACTION |   |   |   |   |   |                            |
| <b>COMMUNICATION BOARDS</b><br>  | SENSORY PLAY<br>COOPERATIVE PLAY  | A SYMBOL BOARD THAT ASSISTS WITH COMMUNICATION FOR NON-VERBAL CHILDREN, EARLY LEARNERS, AND SPEAKERS OF DIFFERENT LANGUAGES   |  |  |  |  |  |                            |
| <b>SENSORY WAVE WALL</b><br>     | SENSORY PLAY  | TEXTURED SENSORY WALL THAT PROVIDES DIFFERENT SENSORY EXPERIENCES IN A UNIFIED LOCATION   |  |  |  |  |   |                            |
| <b>TALKING STUMP</b><br>         | SENSORY PLAY<br>COOPERATIVE PLAY  | A NATURE-INSPIRED TUBE THAT ALLOWS KIDS AND ADULTS TO COMMUNICATE ACROSS THE PLAYGROUND. THE TEXTURED SURFACE PROVIDE FOR A TACTILE SENSORY EXPERIENCE.                           |   |  |  |   |  |                            |
| <b>SPIRAL GAME TABLE</b><br>     | MOTION/ MOVEMENT<br>SENSORY PLAY<br>COOPERATIVE PLAY                        | A MULTI-PERSON GAME TABLE THAT ALLOWS CHILDREN OF DIFFERENT ABILITIES TO PLAY TOGETHER AND WORK ON THEIR COMMUNICATION AND COOPERATION SKILLS                                     |  |  |  |  |  |                            |
| <b>MUSIC TIME</b><br>            | MOTION/ MOVEMENT<br>SENSORY PLAY<br>MUSIC PLAY                              | AN ACCESSIBLE AND INCLUSIVE MUSICAL PLAY PIECE FOR CHILDREN OF ALL ABILITIES THAT ALLOWS FOR A MUTED AUDITORY EXPERIENCE  |  |  |  |  |   |                            |
| <b>ANIMAL TRACKERS PANEL</b><br> | SENSORY PLAY  | AN EDUCATIONAL PANEL WITH AN AUDITORY AND SENSORY EXPERIENCE THAT GENERATES POWER BY SPINNING A KNOB  |  |   |  |  |   |                            |
| <b>SOUNDS OF WATER PANEL</b><br> | SENSORY PLAY  | AN EDUCATIONAL PANEL WITH AN AUDITORY AND SENSORY EXPERIENCE THAT GENERATES POWER BY SPINNING A KNOB  |  |   |  |  |   |                            |
| <b>BRaille PANEL</b><br>         | SENSORY PLAY<br>COOPERATIVE PLAY  | AN ACTIVITY PANEL THAT INCREASES AWARENESS AND TEACHES ABOUT THE BRaille LANGUAGE WHILE PROVIDING A TACTILE EXPERIENCE  |  |  |  |   |  |                            |

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# WILLOW BEND PARK PLAY EQUIPMENT

## EVIDENCE BASED DESIGN

| PLAY EQUIPMENT        | TYPES OF INCLUSIVE PLAY   | ACCESSIBLE FEATURES AND INCLUSIVE PLAY BENEFITS  | PHYSICAL | SOCIAL-EMOTIONAL | SENSORY | COGNITIVE | COMMUNICATION | INCLUSIVE DESIGN PRINCIPLE |
|-----------------------|---|--|----------|------------------|---------|-----------|---------------|----------------------------|
| COZY DOME             | SENSORY PLAY<br>PHYSICAL CHALLENGE  | TEXTURED PLAY SURFACE THAT CAN ACT AS A JUMP IN POINT AND A QUIET SPACE FOR OVERSTIMULATED KIDS  |          |                  |         |           |               |                            |
| SYNTHETIC TURF        | ACCESSIBLE SAFETY SURFACING<br>ACTIVE VS. PASSIVE PLAY SETTINGS<br>SENSORY PLAY | ACCESSIBLE AND FORGIVING PLAY SURFACE THAT ALLOWS FOR EXPLORATORY AND EASILY RECOGNIZABLE PLAY AREAS   |          |                  |         |           |               |                            |
| CENTRAL HUB           | ACCESSIBLE SURFACE<br>SHADE<br>SEATING<br>RAMP ACCESS                           | A WHEELCHAIR ACCESSIBLE GATHERING AREA THAT ENCOURAGES COMMUNITY ENGAGEMENT AND ALLOWS FOR A RESTING PLACE IN THE SHADE  |          |                  |         |           |               |                            |
| SPORT COURT           | SENSORY PLAY<br>PHYSICAL CHALLENGE<br>UPPER BODY STRENGTH<br>COOPERATIVE PLAY   | FLEXIBLE, CONCRETE PLAY SURFACE THAT ALLOWS FOR CHILDREN TO PLAY TOGETHER THROUGH A VARIETY OF USES  |          |                  |         |           |               |                            |
| NARROW CONCRETE SLIDE | MOTION/ MOVEMENT<br>SENSORY PLAY<br>TRANSFER STATION                            | A FAST PACED CONCRETE SLIDE THAT CAN ACCOMODATE MULTIPLE KIDS AT ONCE AND ALLOWS FOR A DIFFERENT SENSORY EXPERIENCE WHILE NOT INTERFERING WITH DIGITAL MEDICAL DEVICES           |          |                  |         |           |               |                            |
| WIDE CONCRETE SLIDE   | MOTION/ MOVEMENT<br>SENSORY PLAY<br>COOPERATIVE PLAY<br>TRANSFER STATION        | A SLOW, WIDE CONCRETE SLIDE THAT CAN ACCOMODATE MULTIPLE KIDS OR ADULTS AT ONCE AND ALLOWS FOR A DIFFERENT SENSORY EXPERIENCE WHILE NOT INTERFERING WITH DIGITAL MEDICAL DEVICES |          |                  |         |           |               |                            |
| TURF BERMS            | ACCESSIBLE SAFETY SURFACING<br>ACTIVE VS. PASSIVE PLAY SETTINGS<br>SENSORY PLAY | CONSTRUCTED OF ACCESSIBLE AND FORGIVING PLAY SURFACE, THESE ALLOW FOR EXPLORATORY AND EASILY RECOGNIZABLE PLAY AREAS   |          |                  |         |           |               |                            |
| LOOPING PATHS         | LOOPING PATTERNS  | ENGAGES CHILDREN IN REPETITION TO SUPPORT DEVELOPMENT OF INTUITIVE PLAY PATTERNS   |          |                  |         |           |               |                            |
| SHADE SAIL            | SHADE   | SINGLE POST STRUCTURE THAT BRINGS A BALANCE OF SUNLIGHT EXPOSURE AND MOMENTS OF RELIEF TO THE PLAY ENVIRONMENT   |          |                  |         |           |               |                            |

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