Kiwanis of Stuart Playground

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Experts at Play & Outdoor Spaces
www.repservices.com



We exist to serve by helping create great places for people in a fun, sustainable and honorable way.



RSI Mission Statement

We exist to serve by helping create great places for people in a fun, sustainable and honorable way.

Designing play spaces to meet all children’s needs.



Commitment to

enhancing children's lives through play





PLAY WILL ALWAYS SHAPE US

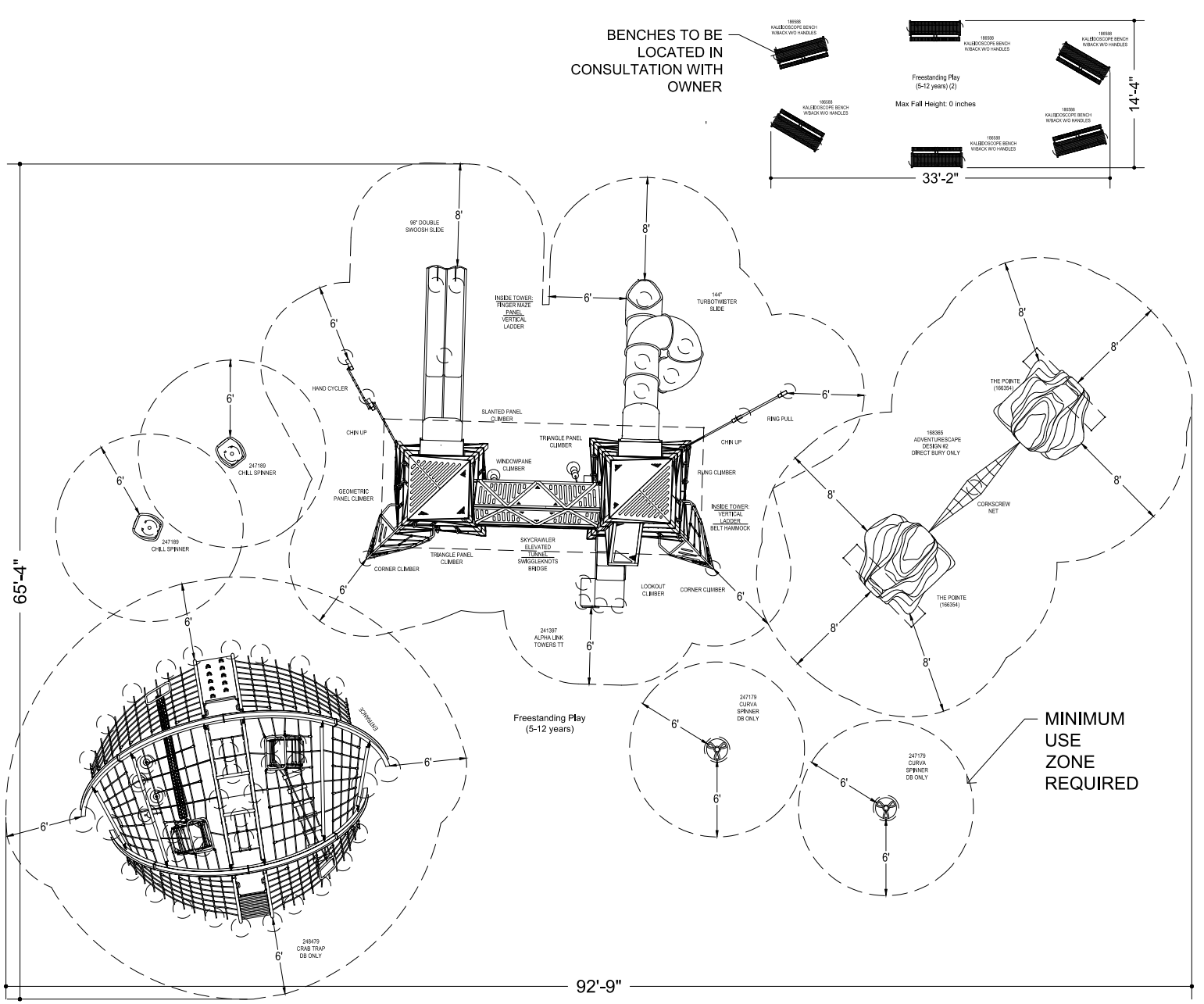
PAUL BRAVO

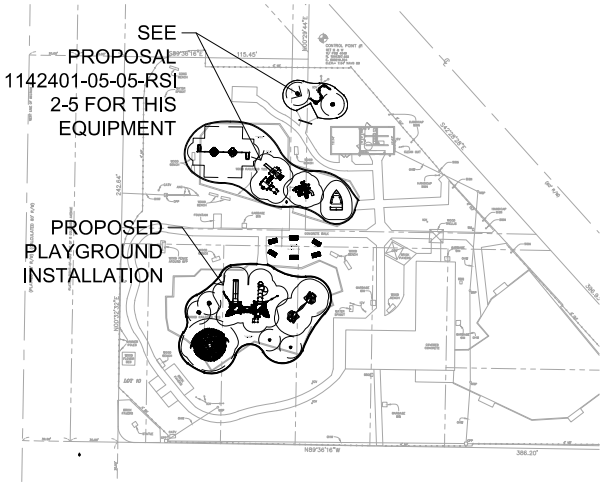
561.448.0369

paul@repservices.com

5-12 AREA







SITE LOCATION MAP

NOT TO SCALE

**SEE SHEET P-2 FOR SITE LOCATION MAP ENLARGEMENT*
**SEE SHEET P-3 FOR SURFACING DETAILS AND INFORMATION*

182503
WELCOME SIGN
(LSI PROVIDED)
5-12 YEARS

WELCOME SIGN
TO BE LOCATED IN CONSULTATION WITH OWNER

TOTAL PLAY COMPONENTS: 29

NUMBER AND TYPES OF GROUND LEVEL PLAY COMPONENTS REQUIRED

5-12 AGE AREA

TOTAL ELEVATED PLAY COMPONENTS	16		
TOTAL ELEVATED COMPONENTS ACCESSIBLE BY RAMP	0	REQUIRED	0
TOTAL ELEVATED COMPONENTS ACCESSIBLE BY TRANSFER	8	REQUIRED	8
TOTAL ACCESSIBLE GROUND LEVEL COMPONENTS SHOWN	13	REQUIRED	5
TOTAL DIFFERENT TYPES OF GROUND LEVEL COMPONENTS	8	REQUIRED	8

PLAYGROUND EQUIPMENT MEETS THE REQUIREMENTS OF FBC ACCESSIBILITY CODE, TABLE 240.2.1.2

Δ WARNING
INSTALLATION OVER A HARD SURFACE SUCH AS CONCRETE, ASPHALT, OR PACKED EARTH MAY RESULT IN SERIOUS INJURY OR DEATH FROM FALLS.

Δ WARNING
SURFACING AND PLAYSURFACES MAY BECOME **HOT** AND CAUSE BURNS. CHECK FOR HOT SURFACES PRIOR TO PLAYING ON THE PLAYGROUND.

GENERAL NOTES:
1. EQUIPMENT LOCATION TO BE FIELD VERIFIED PRIOR TO CONSTRUCTION
2. ACCESSIBLE ROUTE OF TRAVEL TO THE PLAYGROUND TO BE PROVIDED BY OTHERS, UNLESS OTHERWISE NOTED
3. BASE MUST EXHIBIT POSITIVE DRAINAGE IN ALL AREAS

Revisions:

#	Revision	Date

Date: 6/25/2020
Project: 17094
Drawing: 1142401-05-05-RSI 5-12
Sheet: P-1
Play Equipment Plan

NOT FOR CONSTRUCTION

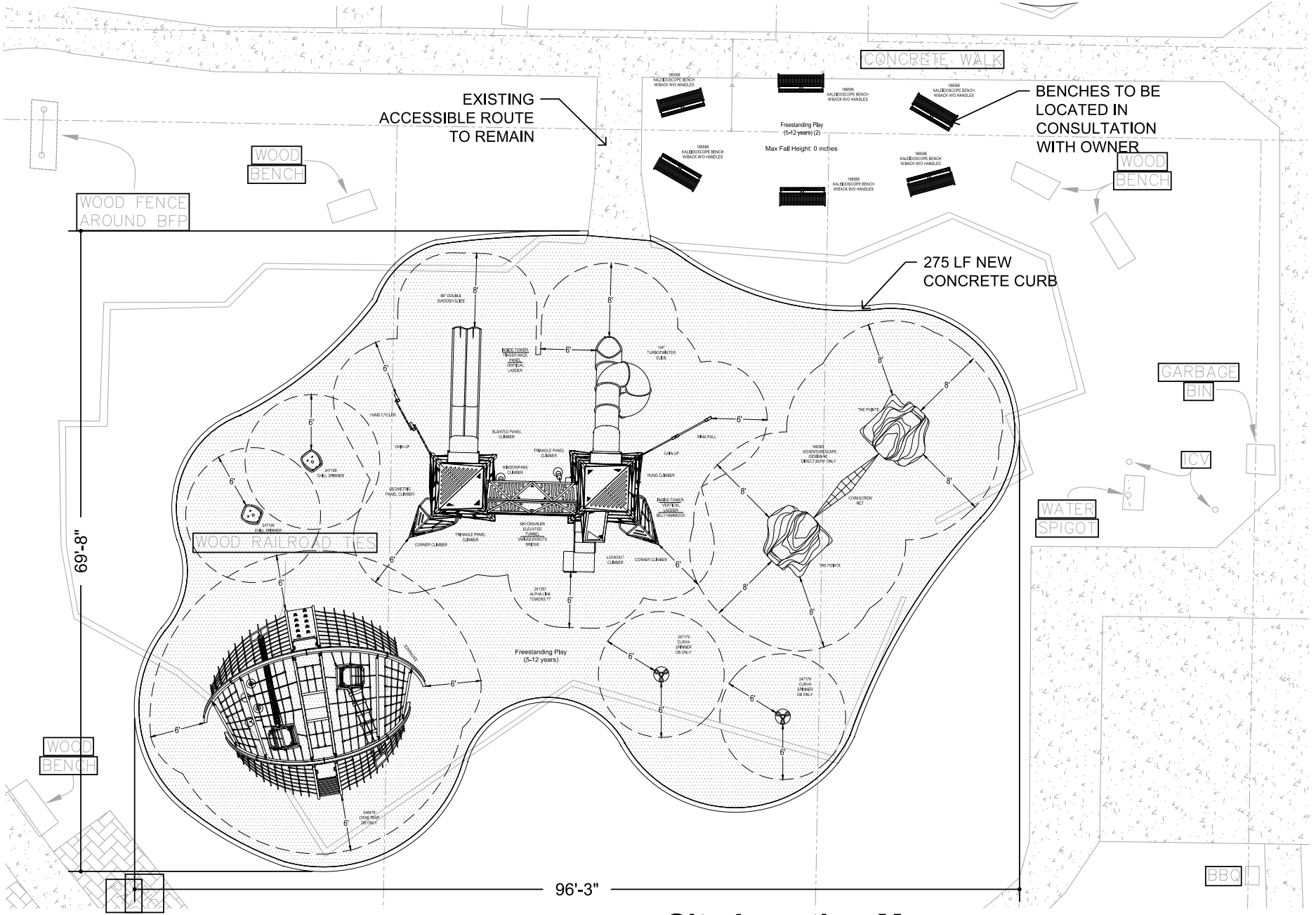
SCALE: 1/8" = 1'
0 4 8 16

Play Equipment Plan 5-12 Area

Kiwanis Club of Stuart

Stuart, FL

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IPEMA CERTIFIED ASTM F1487



***SITE PLAN/SURVEY INFORMATION SHOWN FOR REFERENCE ONLY. NOT PART OF THIS SCOPE.**

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Revisions:		
#	Revision	Date

Date:	6/25/2020
Project:	17094
Drawing:	1142401-05-05-RSI 5-12
Sheet:	P-2 Site Location Map

NOT FOR CONSTRUCTION

SCALE: 1" = 10'

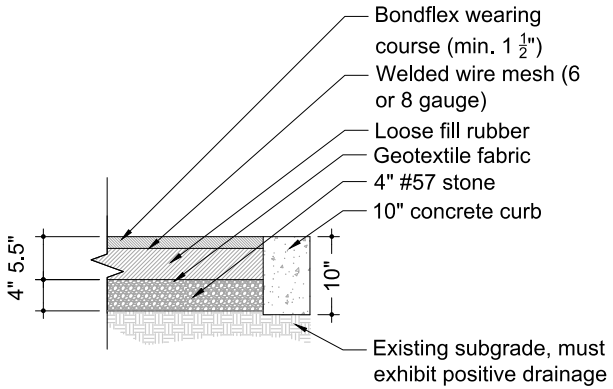
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Site Location Map

Kiwanis Club of Stuart

Stuart, FL

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BondFlex Surfacing at Concrete Curb

SURFACING

- 4475 SF
- BONDFLEX
- 12' MAXIMUM FALL HEIGHT
- #57 STONE SUB-BASE
- 275 LF NEW CONCRETE CURB

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Revisions:		
#	Revision	Date
Date:	6/25/2020	
Project:	17094	
Drawing:	1142401-05-05-RSI 5-12	
Sheet:	P-3 Details	

NOT FOR CONSTRUCTION

NOT TO SCALE

Details

Kiwanis Club of Stuart

Stuart, FL

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Kiwanis Park of Stuart

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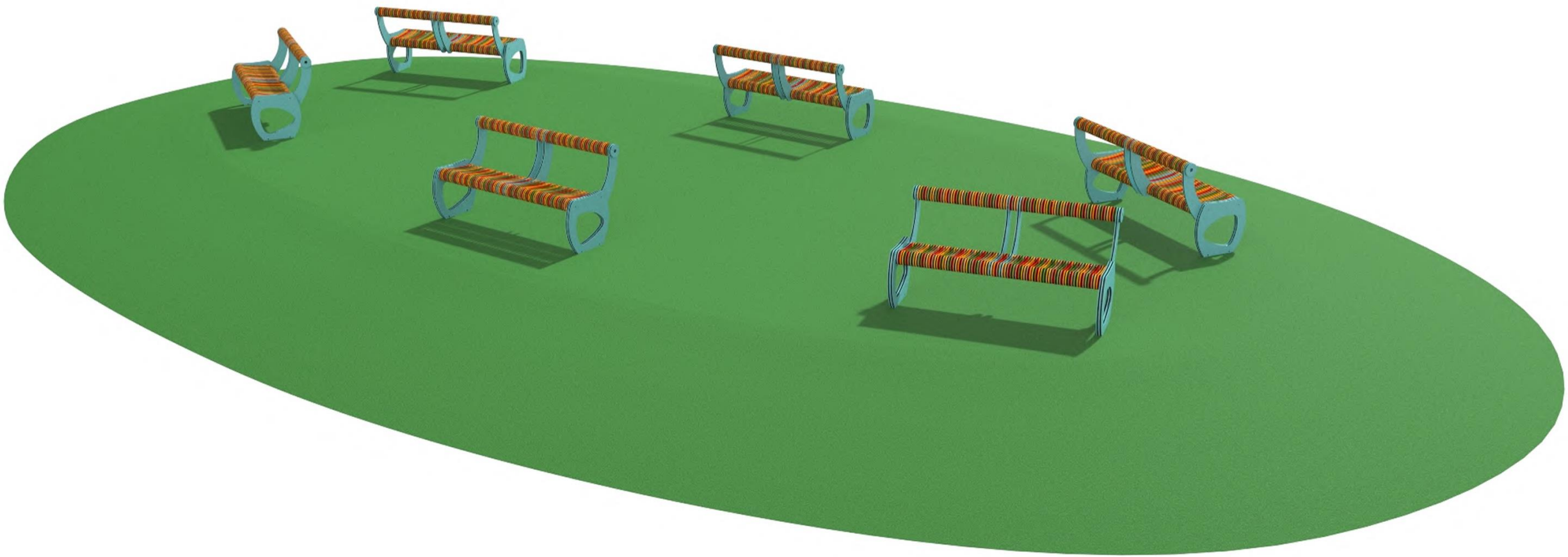
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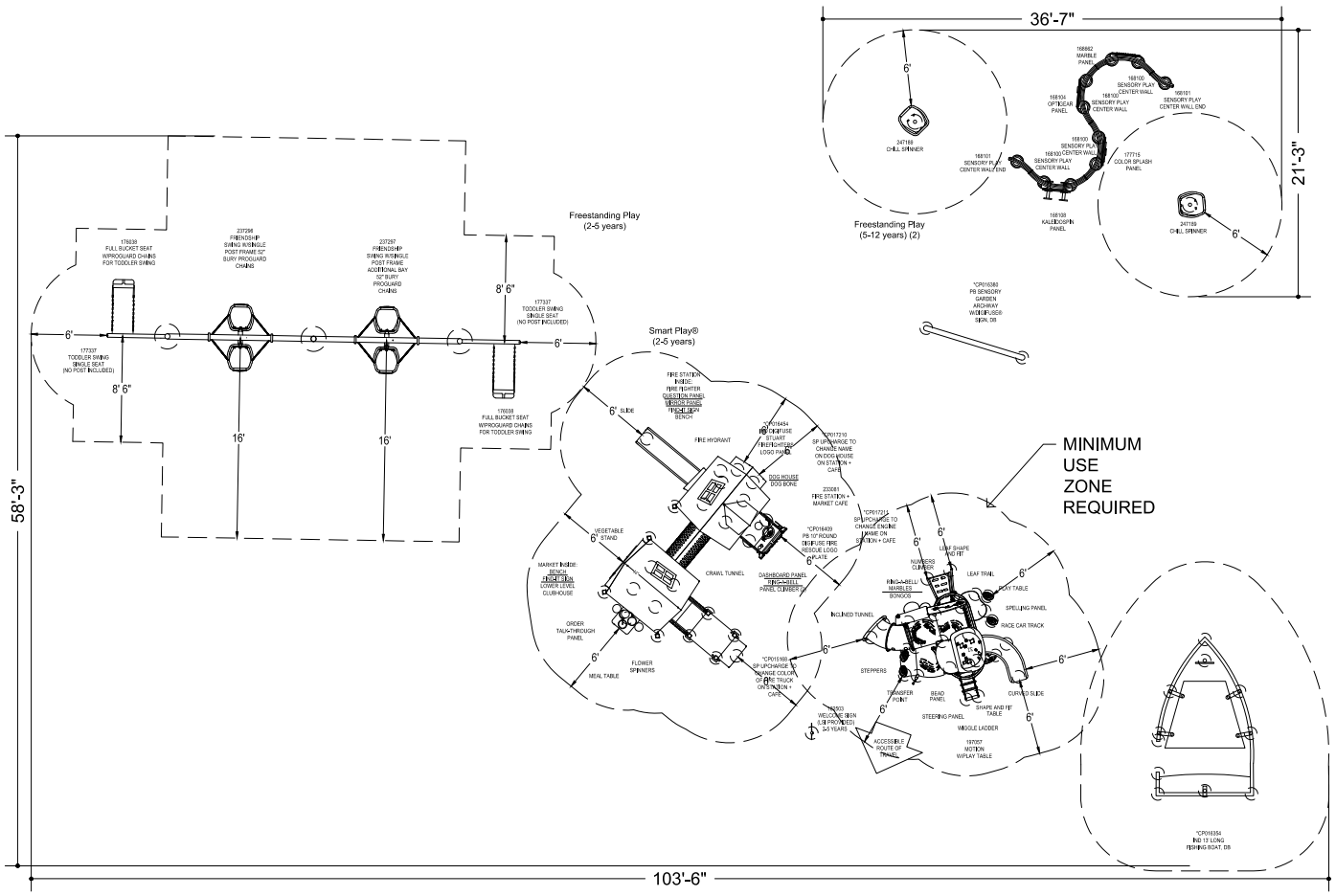
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2-5 AREA

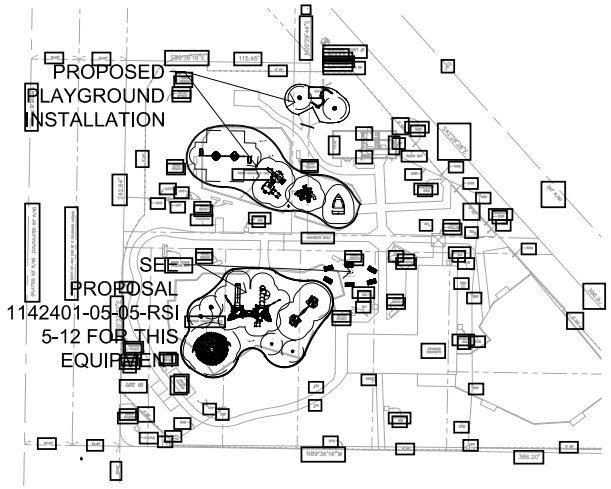




182503
WELCOME SIGN
(LSI PROVIDED)
2-5 YEARS

WELCOME SIGN
TO BE LOCATED IN CONSULTATION WITH OWNER

NOT FOR CONSTRUCTION



SITE LOCATION MAP

NOT TO SCALE

**SEE SHEET P-2 FOR SITE LOCATION MAP ENLARGEMENT*
**SEE SHEET P-3 FOR SURFACING DETAILS AND INFORMATION*

TOTAL PLAY COMPONENTS: 2-5 AGE AREA - 37, DOES NOT MEET ADA
5-12 AGE AREA - 6

NUMBER AND TYPES OF GROUND LEVEL PLAY COMPONENTS REQUIRED

2-5 AGE AREA

TOTAL ELEVATED PLAY COMPONENTS	20		
TOTAL ELEVATED COMPONENTS ACCESSIBLE BY RAMP	0	REQUIRED	10
TOTAL ELEVATED COMPONENTS ACCESSIBLE BY TRANSFER	15	REQUIRED	0
TOTAL ACCESSIBLE GROUND LEVEL COMPONENTS SHOWN	17	REQUIRED	7
TOTAL DIFFERENT TYPES OF GROUND LEVEL COMPONENTS	11	REQUIRED	11

5-12 AGE AREA

TOTAL ELEVATED PLAY COMPONENTS	0		
TOTAL ELEVATED COMPONENTS ACCESSIBLE BY RAMP	0	REQUIRED	0
TOTAL ELEVATED COMPONENTS ACCESSIBLE BY TRANSFER	0	REQUIRED	0
TOTAL ACCESSIBLE GROUND LEVEL COMPONENTS SHOWN	6	REQUIRED	0
TOTAL DIFFERENT TYPES OF GROUND LEVEL COMPONENTS	5	REQUIRED	5

Playground equipment meets the requirements of FBC Accessibility Code, Table 240.2.1.2

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Revisions:

#	Revision	Date

Date: 6/26/2020
Project: 17094
Drawing: 1142401-05-05-RSI 2-5
Sheet: P-1
Play Equipment Plan

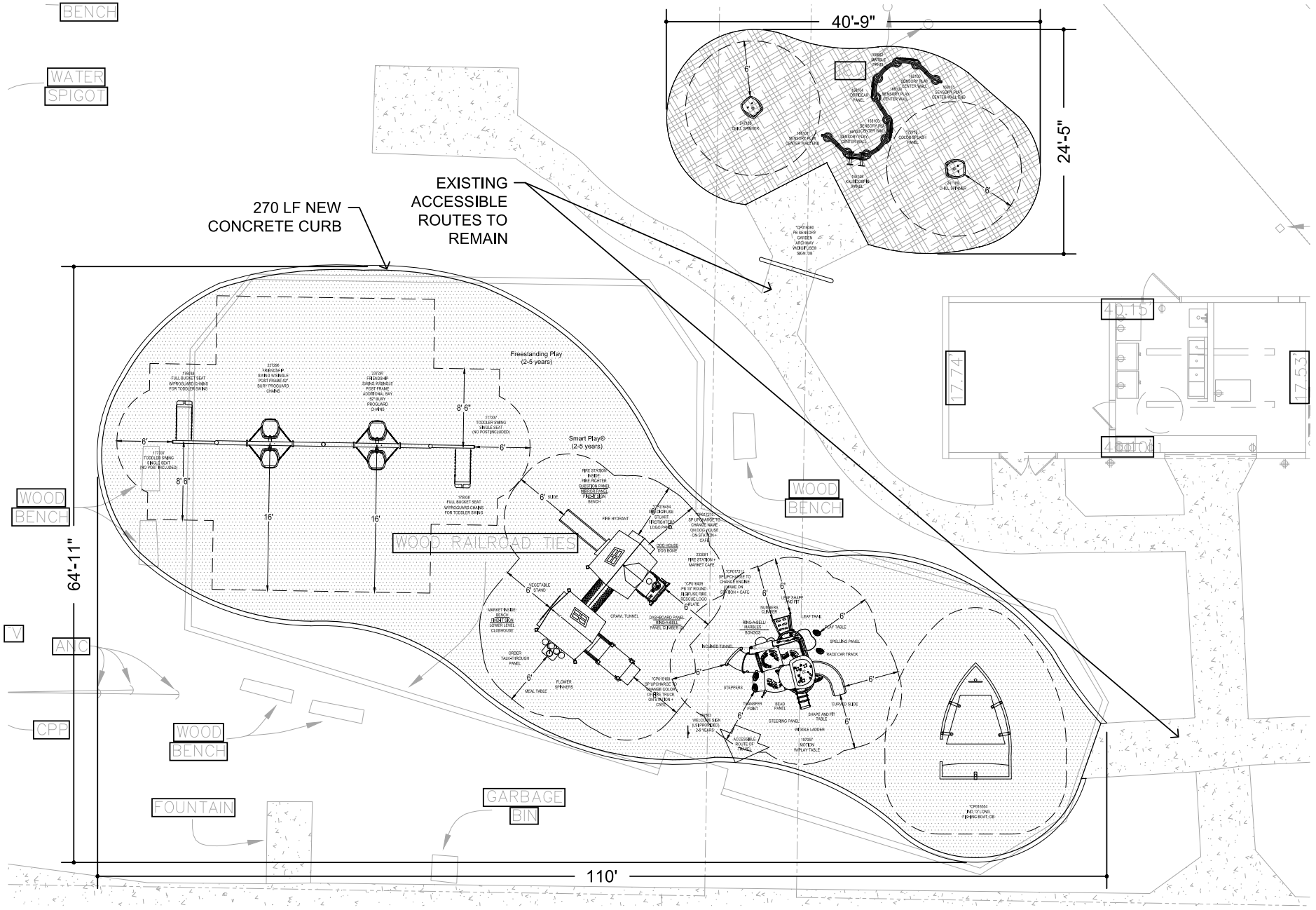
Play Equipment Plan 2-5 Area and 5-12 Sensory Area

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SCALE: 1" = 10'
0 5 10 20

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***SITE PLAN/SURVEY INFORMATION SHOWN FOR REFERENCE ONLY. NOT PART OF THIS SCOPE.**

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Date:	6/26/2020
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Drawing:	1142401-05-05-RSI 2-5
Sheet:	P-2 Site Location Map

NOT FOR CONSTRUCTION

SCALE: 1" = 10'

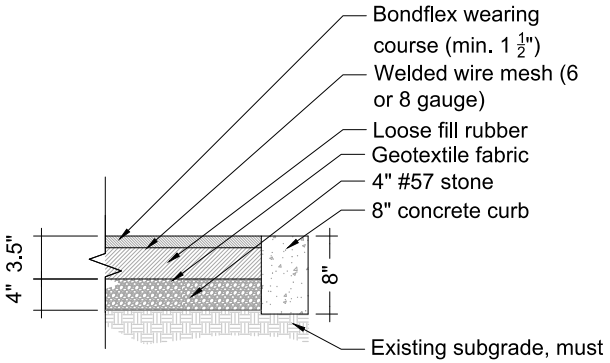
0 5 10 20

Site Location Map

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Stuart, FL

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BondFlex Surfacing at Concrete Curb

SURFACING - SENSORY AREA

- 690 SF
- 12" ENGINEERED WOOD FIBER
- 2' MAXIMUM FALL HEIGHT
- NO BORDERS AT EWF

SURFACING - 2-5 AREA

- 3445 SF
- BONDFLEX
- 8' MAXIMUM FALL HEIGHT
- #57 STONE SUB-BASE
- 270 LF NEW CONCRETE CURB

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Revisions:

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Date: 6/26/2020
Project: 17094
Drawing: 1142401-05-05-RSI 2-5
Sheet: P-3
Details

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Details
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SENSORY



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Development Skills for Product Elements

Playgrounds play an important role in the development of kids of all abilities.
They provide multisensory experiences that help to build the brain more quickly.

SENSORY

- Visual: Element that engages/enhances visual skills
- Auditory: Element that engages/enhances auditory skills
- Proprioception: Element that engages/enhances muscle skills--this is further defined by the motor skill category
- Tactile: Element that engages touch
- Vestibular: Element that engages body movement
- Vestibular+: Element that includes additional movement in unexpected ways

MOTOR SKILLS

- Fine Motor: Element that engages the hands and fingers
- Agility: Element design challenges the user to change body position in space to succeed
- Balance: Element challenges the user to stay upright and/or keep from falling off equipment to succeed
- Cardiovascular: Element causes an obvious increase of heart rate during play
- Coordination: Element challenges the user to use a combination of muscles to succeed
- Eye-hand coordination: Element specifically encourages the user to look at hand placement to succeed
- Endurance: Element involves distance and/or long duration of muscle work for a longer than typical time period to succeed
- Motor Planning: Element challenges the user to move through a series of motor skills to succeed

COGNITIVE SKILLS

- Literacy and Language: Element encourages early childhood language and brain development
- Problem Solving: Element encourages user to find solutions to successfully engage in play
- Strategic Planning: Element encourages users to develop plans to successfully engage in play

STRENGTH

- Upper Body Strength: Element challenges the user to increase arm and shoulder muscle abilities while playing
- Lower Body Strength: Element challenges the user to increase leg and hip muscle abilities while playing
- Core Body Strength: Element challenges the user to increase trunk muscle abilities while playing

SOCIAL/EMOTIONAL SKILLS

- Social Skill Development: Element encourages users to use verbal and non-verbal methods of sharing thoughts and ideas during play
- Imaginative Play: Element encourages users to invent scenarios from their imagination that enable them to build life skills
- Cooperation: Element encourages users to work together to succeed in a play activity

PLAY IS EVERYTHING!

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Thank You

PAUL BRAVO
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