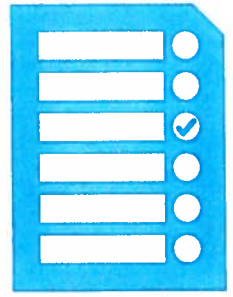

DOVER SKATEPARK RELOCATION PLAN



INTERSHIP PROJECT

BY: NATHAN BURNS

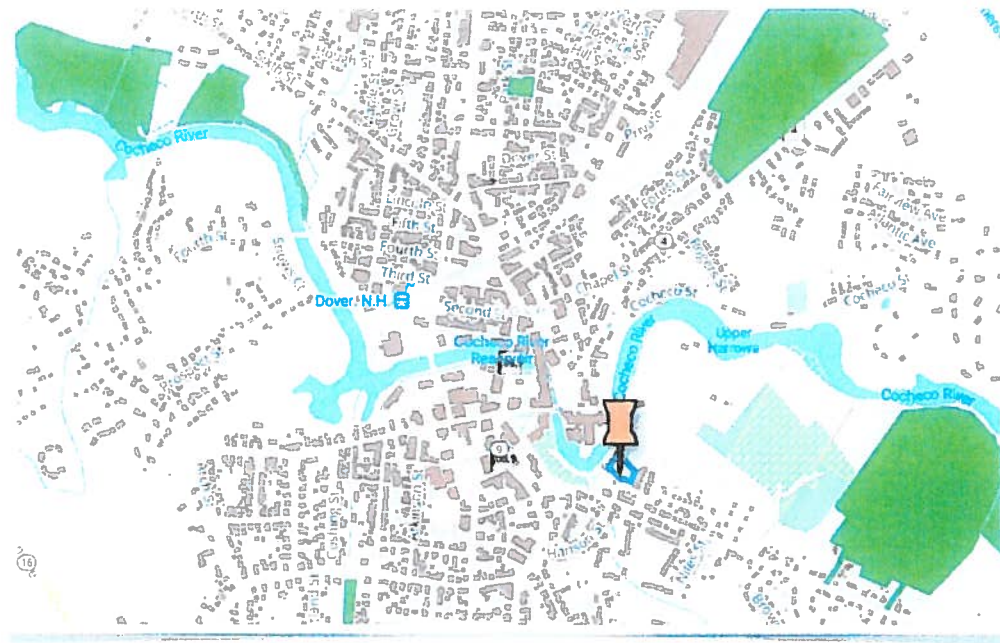
August 2018

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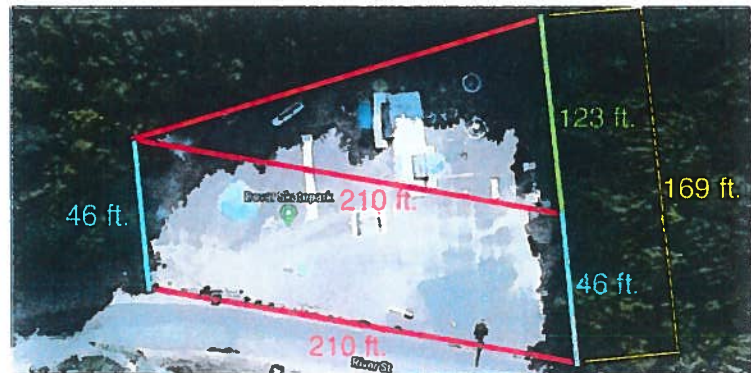
CURRENT LOCATION

RIVER STREET



Description: Dover's current skatepark is located on River St. near Henry Law Park. It is close enough to the downtown area of Dover to allow the users to enjoy local businesses, but enough out of the way to avoid being a nuisance. The current features include permanent concrete features, rails, and a 5' wooden halfpipe. The size of the park is rather large in comparison to the size of the community. There is enough parking close by to satisfy the usage of the park. The ground

in the park is very rough and easy to get hurt on if you fall on it, some of the features have a few cracks, although are still rideable. There are no restrooms, no water fountains, few trash cans, minimal seating, and very little shade. Overall the current Dover skatepark is a moderately average park for being around for over 20 years, it is used heavily by local riders mostly for its convince, it is not a popular park for riders from other communities. This park will likely be destroyed in the near future, and before this happens it is important to have a relocation plan in place for the skatepark.



22,575 Sq. Ft.

Location: River Street

CURRENT FEATURES



1



5

1

Wooden Mini Ramp: 39'x76' with 5' transition

2

Tall Manny Pad: 7' long, 6' wide, 1'9" tall

Medium Manny Pad: 10' long, 3' wide, 11" tall

Short Manny Pad: 10' long with 3'x 3' gap, 3'10" wide to 8' wide, 3" tall

3

A frame Ledge: 12' long, 3' wide, 3' tall

Short Ledge: 11' long, 3' wide, 1' tall

4

Gap: 3'5" long, 5' wide

Ledge: 10' long, 1' wide, 11" tall

Flat Bar: 9'9" long, 1'5" tall, with a diameter of 3"x 3"



2



6

5

Big Round Rail: 9'6" long, 1'6" tall, with a diameter of 4.5"

6

Long Rond Rail: 19' long, 1'4" tall with a diameter of 3"

7

Short Round Rail: 6' long, 1'5" tall, with a diameter of 3"

8

Short Volcano: 1'7" tall, with a diameter of 2'6" on the top, and a diameter of 8' on the bottom

9

Tall Volcano: 3' tall, with a diameter of 2' on the top, and a diameter of 8' on the bottom



3



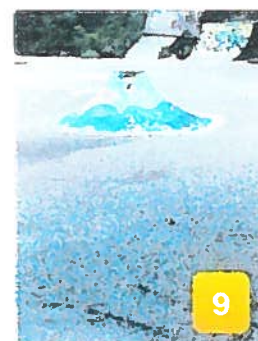
7



4

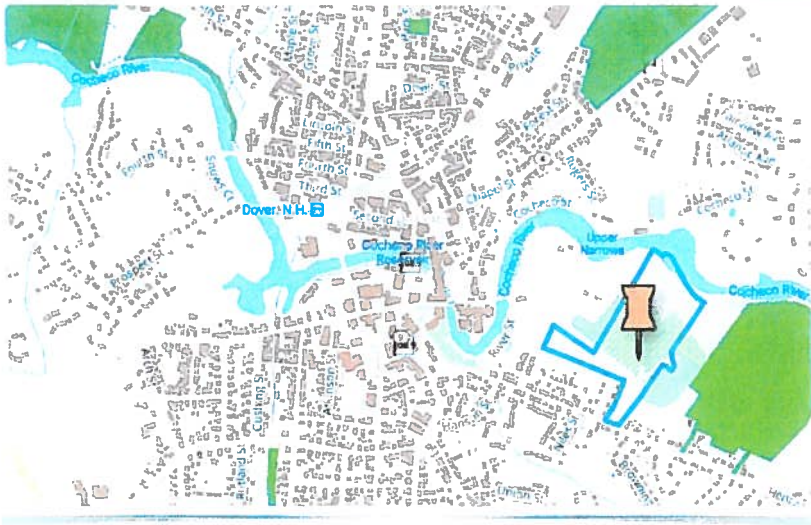


8



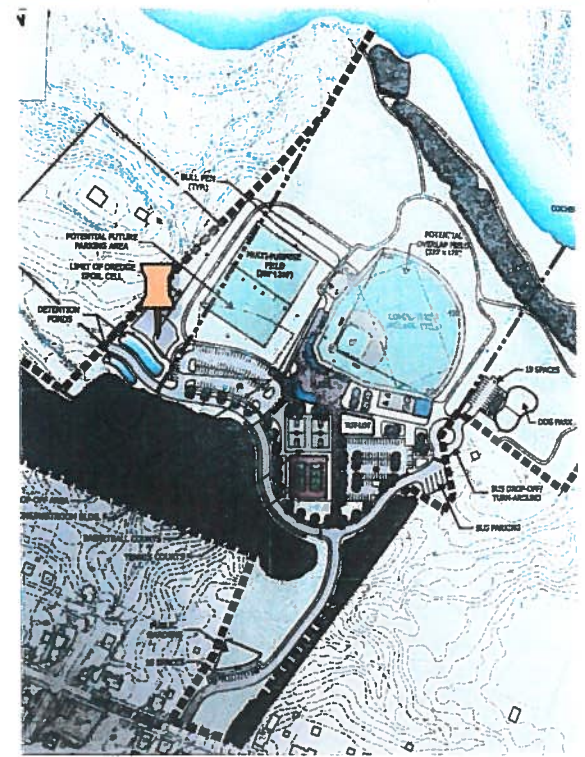
9

POTENTIAL LOCATION #1



Description: Maglaras Park is a massive area with a lot of potential, and the master plan on the right shows exactly how the city hopes to effectively use the entire space. The master plan includes a multi-purpose field, a baseball field, basketball and tennis courts, a skatepark, a dog park, and plenty of parking. Unfortunately this plan has been in existence for 12 years now, and has very few signs on moving forward. The plan includes using a small area of the park designated for a skatepark, although with no telling of when this plan could be put in motion it is important to look into other possible locations.

MAGLARAS PARK

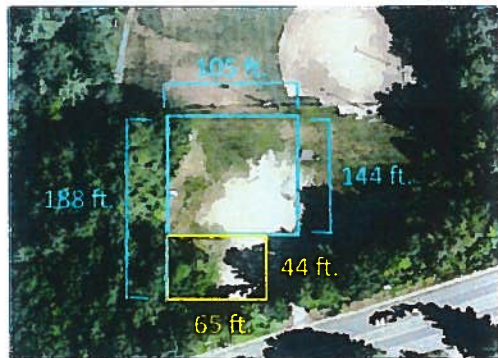


146,190 Sq.Ft.

Location: Maglaras Park

POTENTIAL LOCATION #2

GUPPY PARK

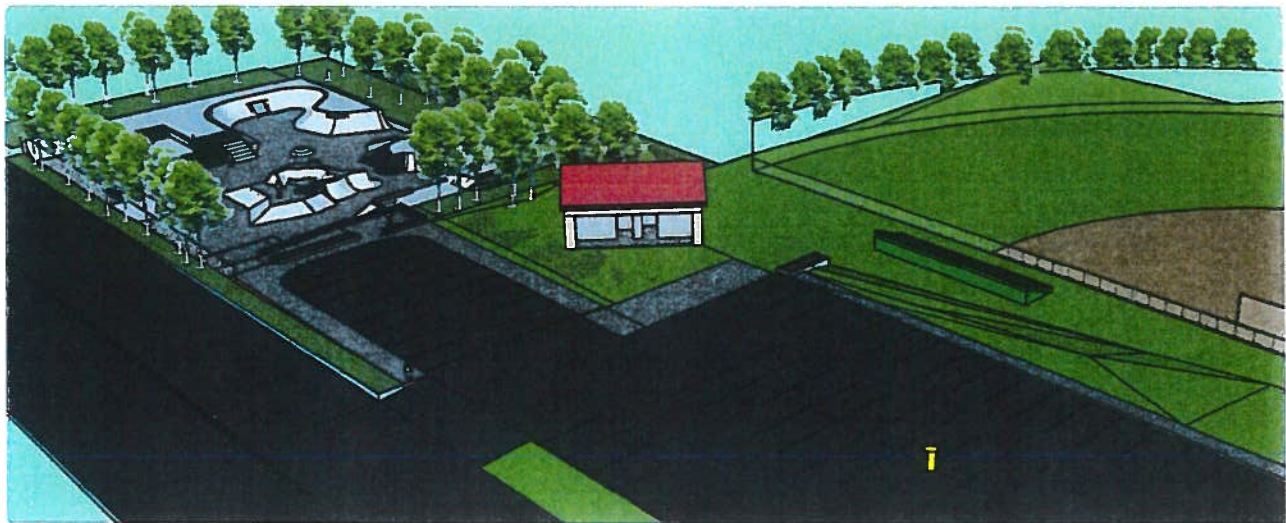
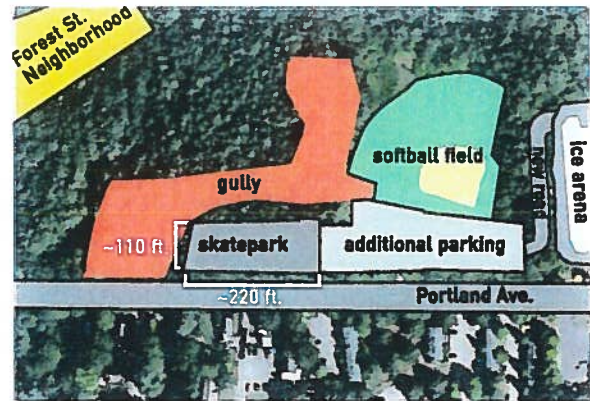


Description: Guppy Park is another large area of land with a great location. With a budget for the softball field to be renovated in the upcoming years it seems possible to expand the parking lot and include a skatepark within the renovations. The renovations for Guppy Park are likely to occur before the Maglaras Project, which is another reason it would be great to include a skatepark. The measurements on the bottom right show an area in the woods that is roughly 110ft x 360ft which is more than enough space for an expansion of the parking lot and a skatepark. There is a slight slope and gully in the woods, although there is also plenty leveled out land past the slight slope and avoiding the gully. Overall Guppy Park seems like the best option for a skatepark location.

~99,600 Sq. Ft.

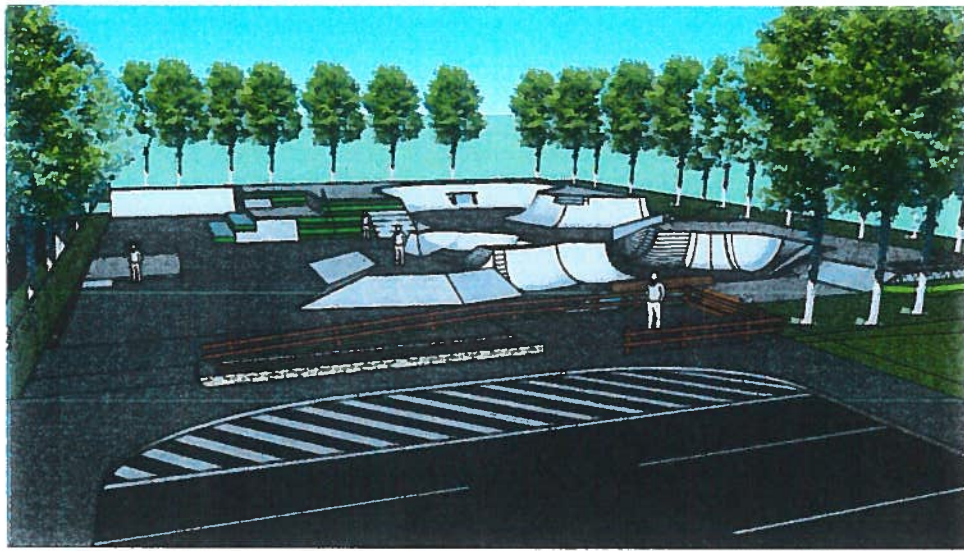
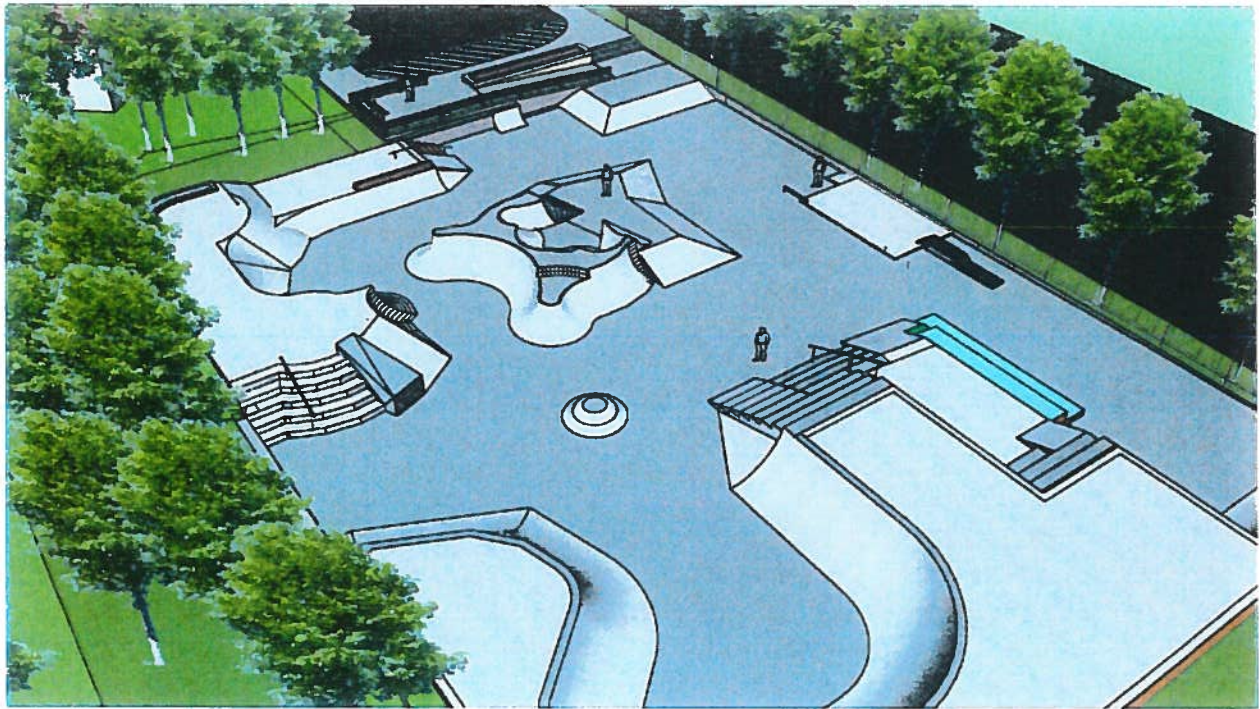
Location: Guppy Park, Portland Ave.

GUPPY PARK EARLY LAYOUT CONCEPTS



Description: With Guppy Park being the optimal location for the skatepark, here are a few very early concept images to give a visual representation of the potential layout for a skatepark in this area. These early concept layouts also include an expanded parking lot, incorporating a road to connect the parking lot to behind the ice arena, a restroom, and an early concept design for the skatepark. These layouts are to be used to get a better visual idea on how to incorporate a skatepark into this area of land.

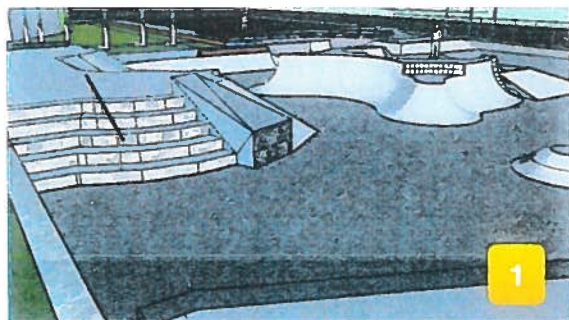
SKATEPARK EARLY CONCEPT #1



15,000 Sq. Ft.

Location: Guppy Park, Portland Ave.

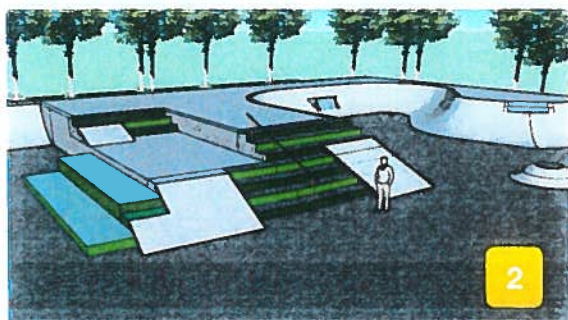
FEATURES



1 Curved 5 Stair Set: 7" long (1'9" per stair), 16' wide, 5' tall

Round Handrail: 10' long, 2'10" tall at the top, 3'4" tall at the bottom, with a diameter of 3"

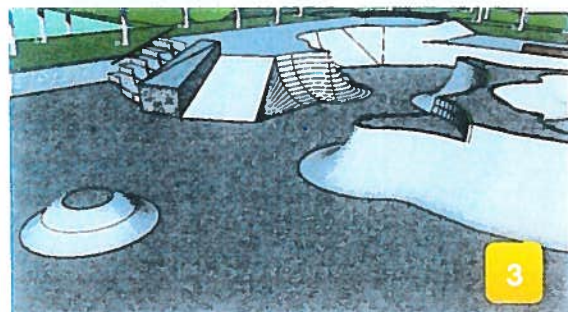
Skinny to Wide Ledge: 12' long 3' wide by 1'7" tall at the top, 5'6" wide by 3'3" at the bottom



2 3 Stair Set: 4'4" long (2'2" per stair), 13'8" wide, with a step up over the last stair, 2'6" tall

4 Stair Set: 6'3" long (2'1" per stair), 5'9" wide 3'5" tall

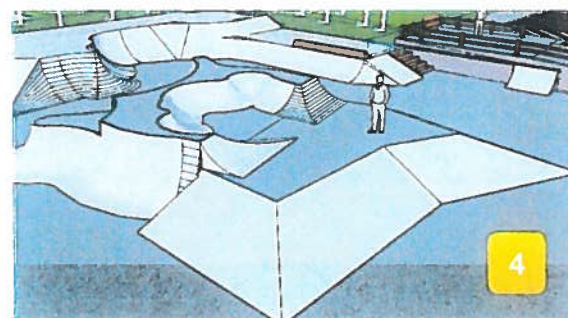
7 Stair Set: 12'6" long, (2'1" per stair), 16'9" wide, with a step up over the last two stairs, 6' tall



Tall Ledge: 22'6" long, 4' wide, 3' tall

Short Ledge: 26'4" long, 4' wide, 11" tall

Round Handrail: 14'4" long, 2'9" tall, with a diameter of 2"



3 Transition: 5'2" tall

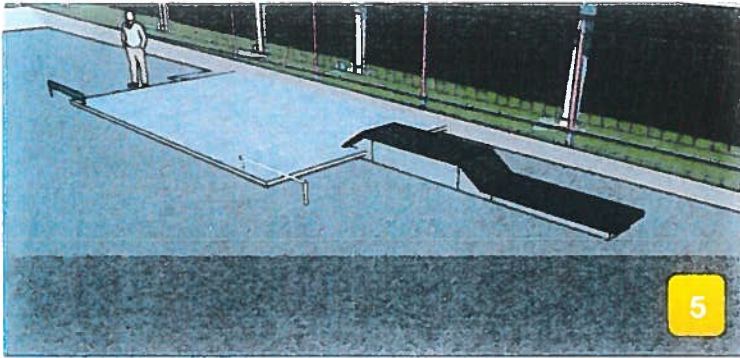
Wide hip: 3' tall, 6' wide

2' tall volcano: 2' tall, with a diameter of 2' on the top, and a diameter of 8'8" on the bottom

4 Small Transition: 2'4" tall

Large transition: 5'2" tall

Banked hips: 2'10" tall



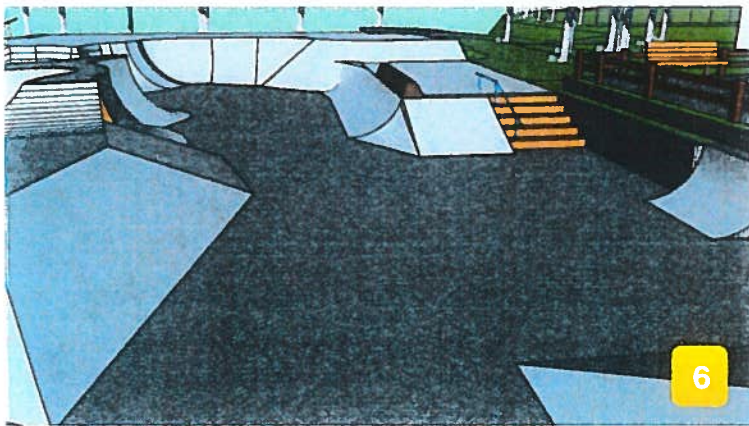
5 Manny Pad: 22' long, 13'6" wide, 6.5" tall

Tall Ledge: 6'6" long, 2'6" wide, 1'8" tall

Short Ledge: 6'6" long, 2'6" wide, 1'6" tall

Round Rail: 6' long, 1'6" tall, with a diameter of 3"

6' Flatbar: 6' long, 1'6" tall, with a diameter of 2"x 2"

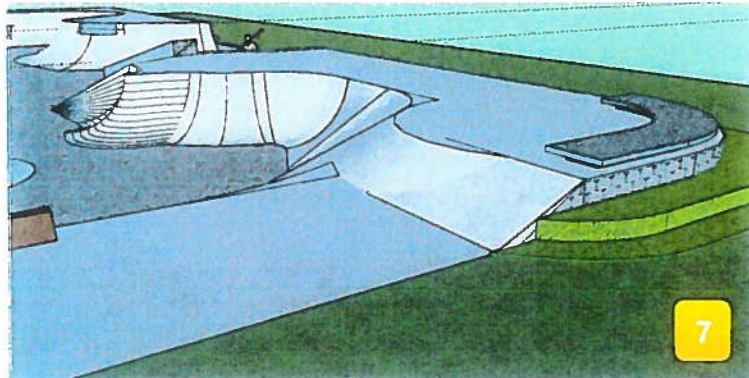


6 5 Stair Set: 5'4" long (1'4" per step), 5'6" wide, 3' tall

Bump to Round Rail: 5'6" long, 1'2" tall, with a diameter of 2"

Round Handrail: 6'10" long, 1'9" tall, with a diameter of 2"

Ledge: 14' long on top, 14'7" long on bottom, 7.6" wide on top, 1'8" wide on bottom, 1'1" tall



7 Curved ledge: 15' long, 8" tall, 3'2" wide

Transition: 5'2" tall

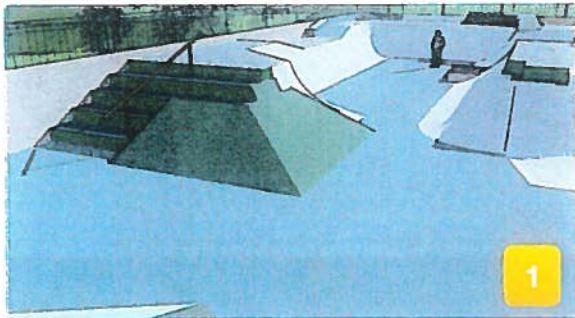
SKATEPARK EARLY CONCEPT #2



15,000 Sq. Ft.

Location: Guppy Park, Portland Ave.

FEATURES

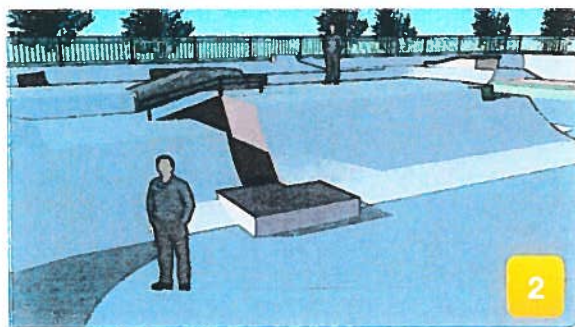


1

5 Stair Set: 10'8" (2'8" per step), 16'7" wide, and a step up over the last 2 steps, 5'8" tall

Round Handrail: 14'6" long, 3.2" tall, with a diameter of 3"

Banked Hip: 3'6" tall



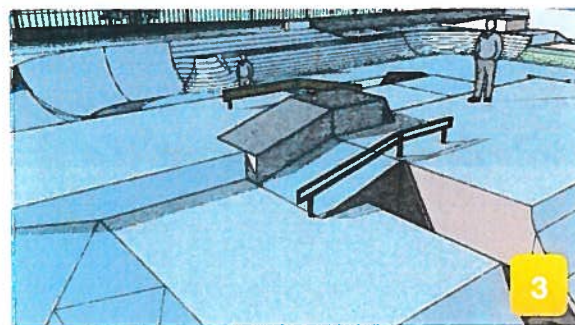
2

Gap: 2'4" long, 7'2" wide, with a 1'6" height difference

Small Transition: 4'2" tall

Big Transition: 5'8" tall

Pink Ledge: 6'10" long, 6'10" wide, 1'1" tall



3

Flatbar: 4' long, 1'3" tall, with a diameter of 2"x 2"

Flat Handrail: 6'10" long, 1'3" tall, with a diameter of 2"x 2"

Ledge: 4'2" long, 3'8" wide, 1'7" tall

Down Ledge: 5'5" long, 3'8" wide, with 2'8" as a ramp, 1'7" tall

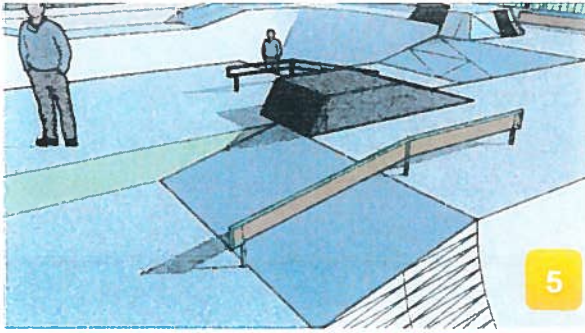


4

Long Ledge: 32' long, 4' wide, 1'9" tall

Short Ledge: 10' long, 4' wide, 6" tall

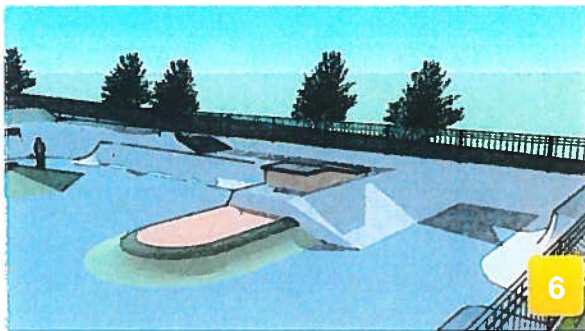
Long Round Rail: 13'6" long, 2' tall, with a diameter of 3"



5 Round Rail: 6' long, 1'5" tall, with a diameter of 2"

Round Handrail: 6'10" long, 1'5" tall, with a diameter of 2"

Ledge: 4'2" long, 1'7" tall, 3'8" wide



6 Big Roller: bottom: 19'6" long 21' wide, top: 9' long, 16' wide, 2' tall

Tall Ledge: 4'8" long, 7'2" wide, 2'4" tall

Sloped Ledge: 7' long, 7'2" wide, 2'4" tall down to 10" tall

Short Ledge: 3' long, 7'2" wide, 10" tall

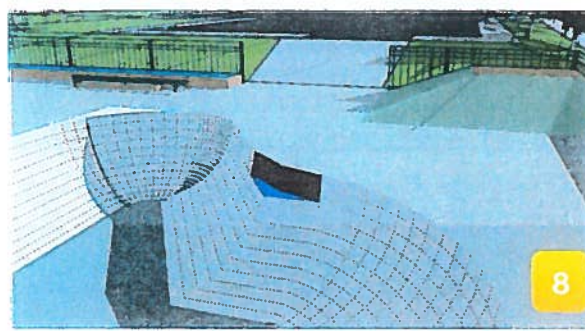


7 Six Sided Pyramid: 20' wide on bottom, 5' wide on top, 3'8" tall

Kicker to Kicker Gap: 5' wide, 2' tall

Left Side and Middle Transition: 5'8" tall

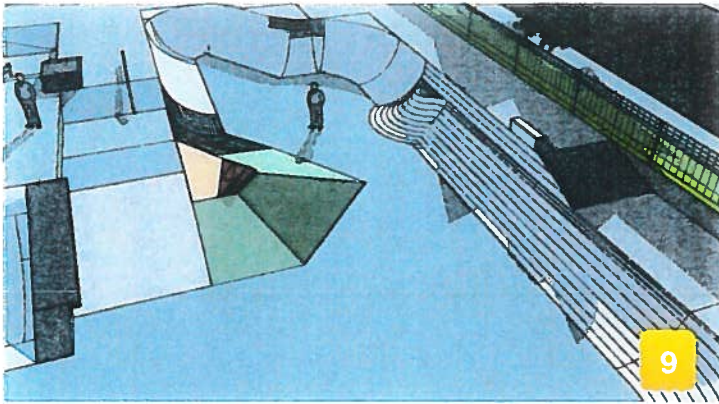
Right Side Transition: 5' tall, with 8" extension



8 Transition: 5'8" tall

Cutout Transition Hip: 4'3" tall, 6'2" wide

Banked Hip: 15' long on bottom 9' wide, 9' long on top, 15' wide, 3' tall



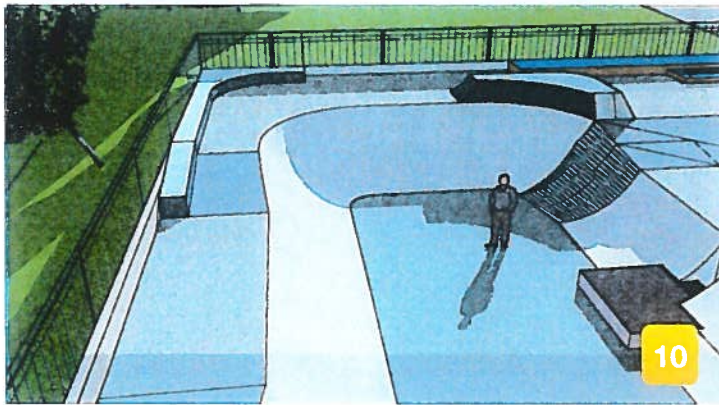
9 **Large banked hip:** 23' wide on bottom, 11' wide on top, 3' tall

Small Transition Hip: 3'6" tall

Ledge: 4'4" long, 1' wide, 1'3" tall

Large Transition: 5'8" tall

Short Transition: 4'5" tall



10 **Curved Ledge:** 13' long until curve, 1'8" wide, 1'6" tall

Down Ledge: 7' long, 1'8" wide, 1'6" tall

Transition: 5'8" tall with 2' extension