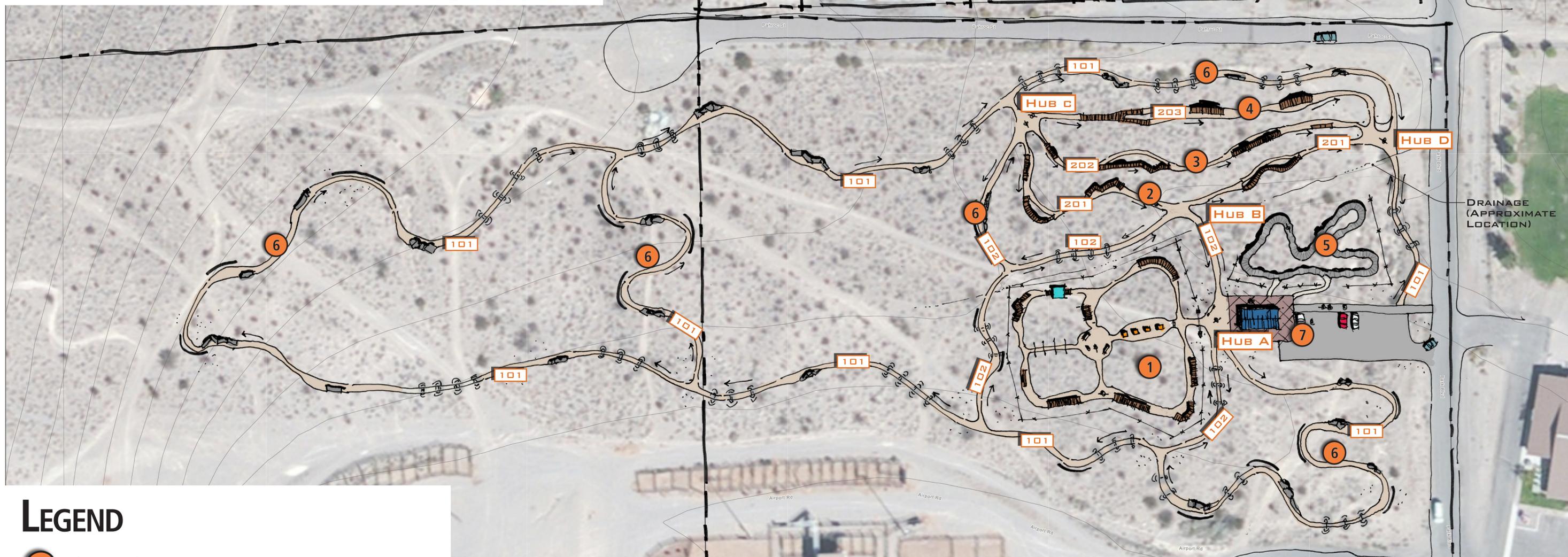
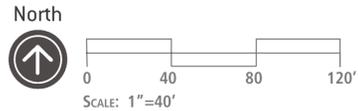


ALAMO BIKE SKILLS PARK

SCHEMATIC VISION PLAN

ALAMO, NEVADA
DECEMBER 23, 2024

ALAMO BIKE SKILLS PARK SCHEMATIC DESIGN SITE AMENITIES AND TRAILS PLAN



LEGEND

- 1 BICYCLE PLAYGROUND
- 2 BEGINNER SKILLS TRAIL
- 3 INTERMEDIATE SKILLS TRAIL
- 4 ADVANCED SKILLS/JUMP TRAIL
- 5 INTERMEDIATE MODULAR PUMP TRACK (CONCRETE)
(CUSTOM ASPHALT PUMP TRACK IS AN OPTION AT ~2X THE COST OF MODULAR AND FURTHER DESIGN REQ'D)
- 6 CHIP SEAL (HARDSCAPE) DIRECTIONAL BIKE OPTIMIZED FEATURE TRAIL
- 7 NEW PARKING AND SHADE STRUCTURE (10 SPACES)

ALAMO, NV - BIKE SKILLS PARK: TRAIL SCHEDULE

Segment	Skill	Style	User	Surface Type	Tread Width	Length(FT)	Length(MI)	Trail Description
101	GRN	MBO	SHARED	Chip Seal	48"	2700	0.51	Bike optimized, directional chip seal with rock/boulder features, bermed turns and rollers. Quantities of features per plan, trail alignment and features locations to be field verified by Trails contractor.
102	GRN	MBO	SHARED	Chip Seal	48-60"	500	0.09	Bike optimized, bidirectional chip seal with rock/boulder features, bermed turns and rollers. Quantities of features per plan, trail alignment and features locations to be field verified by Trails contractor. These trail segments serve as connectors to create loop options and provide access to other amenities.
103	GRN	MBO	SHARED	Chip Seal	48"	300	0.06	Bike optimized, directional chip seal with rock/boulder features, bermed turns and rollers. Quantities of features per plan, trail alignment and features locations to be field verified by Trails contractor.
201	GRN	SKILLS	BIKE	Nat	36-48"	340	0.06	Skills Trail with prefabricated features, refer to plan for details.
202	BLU	SKILLS	BIKE	Nat	36-48"	340	0.06	Skills Trail with prefabricated features, refer to plan for details.
203	BLK	SKILLS	BIKE	Nat	48-60"	310	0.06	Skills Trail with prefabricated features, refer to plan for details.
Total						4490	0.85	



ROCK FEATURES



BIKE OPTIMIZED "FLOW" FEATURES TRAIL



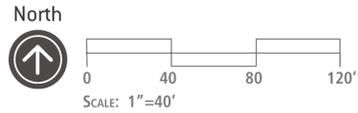
PROGRESSIVE SKILLS TRAILS AND FEATURES



PROGRESSIVE SKILLS JUMP TRAILS

**SCHEMATIC DESIGN SHALL ONLY INFORM "ORDER OF MAGNITUDE COST OPINIONS", FURTHER STUDY AND DESIGN IS REQUIRED FOR DETAILED COST ESTIMATING. SCHEMATIC DESIGN WILL REQUIRE EXTENSIVE FIELD FITTING AND MODIFICATION DUE TO LIMITED BASE MAP INFORMATION. SCHEMATIC DESIGN INTENT IS TO IDENTIFY A KIT OF PARTS AND QUANTITIES. ALL INFRASTRUCTURE MUST BE CONSTRUCTED BY A QUALIFIED TRAILS CONTRACTOR. SPECIFICALLY, THE CONTRACTOR MUST HAVE EXPERIENCE WITH BIKE OPTIMIZED CHIP SEAL CONSTRUCTION.

ALAMO BIKE SKILLS PARK SCHEMATIC DESIGN LAYOUT PLAN



Alamo, NV : Features

Zone/Features	
Bicycle Playground	
3	Start Finish Line
4	Construction Cone
5	Elevated Wood Tunnel
6	5 Ring Pack
7	Entrance Sign
8	Zig Zag Short (15 deg)
9	Roller Corner (90 deg) 1', 36" width
10	Step Down Roller 2', 36"
11	Teeter Totter and Signage 1', 36" width
12	Zig Zag Corner
13	Straight Ladder (3.5 deg) 1', 12" width
14	Wide Double Roller, 1' x 28.7' x 60"
15	Wide Roller, 1' x 18.7' x 60"
Skills Trail	
16	Rollable Sender, 4' x 48" width
17	Split decision 36" width
18	Roller, 2' x 36" width
19	Zig Zag Roller, 36" width
20	Mountain Top 3' Peaks, 36" width
21	Straight Ladder (11 deg), 2' x 12" width
22	A-Frame, 2' x 48" wide
23	Roller Corner (90 deg), 2' x 36" width
24	Zig Zag S Corner, 2' x 36" width
25	Snake Ladder, 2' x 36" width
Pump Track	
26	Parkitect Grand Prix - Urban Series

****SCHEMATIC DESIGN SHALL ONLY INFORM "ORDER OF MAGNITUDE COST OPINIONS", FURTHER STUDY AND DESIGN IS REQUIRED FOR DETAILED COST ESTIMATING. SCHEMATIC DESIGN WILL REQUIRE EXTENSIVE FIELD FITTING AND MODIFICATION DUE TO LIMITED BASE MAP INFORMATION. SCHEMATIC DESIGN INTENT IS TO IDENTIFY A KIT OF PARTS AND QUANTITIES.**



ROCK FEATURES



BIKE OPTIMIZED "FLOW" FEATURES TRAIL



PROGRESSIVE SKILLS TRAILS AND FEATURES



PROGRESSIVE SKILLS JUMP TRAILS

COST OPINION AND PREFABRICATED FEATURES LIST

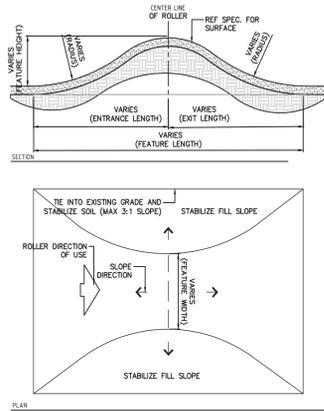
Alamo, NV : Cost Opinion		
Zone	Items	Cost
Bicycle Playground	Crusher Fines Trail Tread, grading and stabilization	\$30,000
	Prefabricated Features	\$51,300
	Delivery/Installation/Inflation	\$25,650
Zone Subtotal		\$106,950
Skills Zone	Chip Seal Trail Tread, grading and stabilization	\$56,400
	Prefabricated Features	\$65,592
	Delivery/Installation/Inflation	\$32,796
Zone Subtotal		\$154,788
Feature Trails and Access Trails	Chip Seal Trail Tread, grading and stabilization	\$210,000
	Rock Features (19@\$3500)	\$66,500
Zone Subtotal		\$276,500
Miscellaneous	Signage (Allowance)	\$12,000
	Fencing (Allowance)	\$20,000
	Shade Structure and concrete plaza	\$65,000
	Gravel Parking Lot	\$20,000
	Mobilization	\$15,000
Miscellaneous Subtotal		\$132,000
Project Subtotal		\$670,238
Contingency (20%)		\$134,048
Grand Total		\$804,286

Notes: This schematic cost opinion provides approximate numbers for the costs of construction and serves as a tool for planning purposes only. The cost opinion does not serve as a bid. The costs for any necessary site development infrastructure, electrical infrastructure, stormwater infrastructure, and/or landscaping are not included in this cost opinion. The cost opinion assumes that additional fill and materials area required for the development of trail features. **Construction costs assume professional trail contractors perform the work.**

Alamo, NV : Features				
	Zone/Features	Unit Cost	Quantity	Cost
	Bicycle Playground			
3	Start Finish Line	1,000	1	\$1,000
4	Construction Cone	900	4	\$3,600
5	Elevated Wood Tunnel	8,000	1	\$8,000
6	5 Ring Pack	2,500	1	\$2,500
7	Entrance Sign	3,000	1	\$3,000
8	Zig Zag Short (15 deg)	3,500	1	\$3,500
9	Roller Corner (90 deg) 1', 36" width	4,500	1	\$4,500
10	Step Down Roller 2', 36"	4,400	1	\$4,400
11	Teeter Totter and Signage 1', 36" width	2,300	1	\$2,300
12	Zig Zag Corner	4,500	1	\$4,500
13	Straight Ladder (3.5 deg) 1', 12" width	2,200	1	\$2,200
14	Wide Double Roller, 1' x 28.7' x 60"	7,400	1	\$7,400
15	Wide Roller, 1' x 18.7' x 60"	4,400	1	\$4,400
			Zone Subtotal	\$51,300
	Skills Trail			
16	Rollable Sender, 4' x 48" width	6,242	2	\$12,484
17	Split decision 36" width	8,092	1	\$8,092
18	Roller, 2' x 36" width	2,600	1	\$2,600
19	Zig Zag Roller, 36" width	9,600	1	\$9,600
20	Mountain Top 3' Peaks, 36" width	6,800	1	\$6,800
21	Straight Ladder (11 deg), 2' x 12" width	2,200	1	\$2,200
22	A-Frame, 2' x 48" wide	3,609	1	\$3,609
23	Roller Corner (90 deg), 2' x 36" width	4,242	1	\$4,242
24	Zig Zag S Corner, 2' x 36" width	8,265	1	\$8,265
25	Snake Ladder, 2' x 36" width	7,700	1	\$7,700
			Zone Subtotal	\$65,592
	Pump Track			
26	Parkitect Grand Prix - Urban Series	125,000	1	\$125,000
			Zone Subtotal	\$125,000
			Features Total	\$190,592

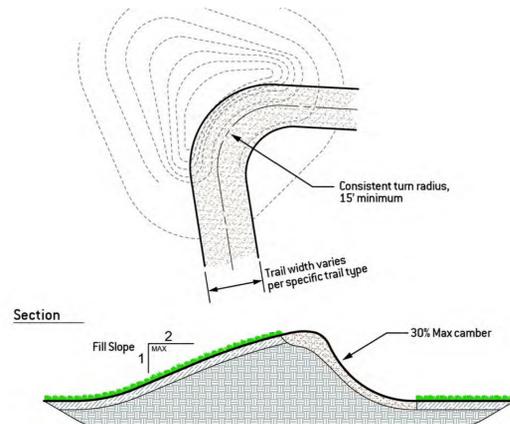
Notes: 1.) This cost opinion provides ranges for the costs of construction and serves as a tool for planning purposes only. The cost opinion does not serve as a bid. The costs for any necessary site development infrastructure, electrical infrastructure, stormwater infrastructure, and/or landscaping are not included in this cost opinion. The cost opinion assumes that additional fill is not required for the development of trail features. Construction costs assume professional trail contractors perform the work. 2.) **This spreadsheet does not account for inflation or delivery and installation. These prices reflect the most current published prices available and are known to have increased. We have taken steps to reflect increased prices in the overall cost opinion spreadsheet.**

DETAILS SHEET - 1



***REFER TO PLAN FOR LOCATIONS

1 TYPICAL ROLLER
SCALE: NTS



***REFER TO PLAN FOR LOCATIONS

2 TYPICAL BERMED TURN
SCALE: NTS



PRODUCT MADE BY AMERICAN RAMP COMPANY
CONTACT: ALEC BELDEN
EMAIL: ALEC@AMERICANRAMPCOMPANY.COM
WEB: AMERICANRAMPCOMPANY.COM
PRODUCT DESCRIPTION: START/FINISH

PART NUMBER: XXX-XXXX

NOTE: OR APPROVED EQUAL

3



PRODUCT MADE BY AMERICAN RAMP COMPANY
CONTACT: ALEC BELDEN
EMAIL: ALEC@AMERICANRAMPCOMPANY.COM
WEB: AMERICANRAMPCOMPANY.COM
PRODUCT DESCRIPTION: CONES

PART NUMBER: XXX-XXXX

NOTE: OR APPROVED EQUAL

4



PRODUCT MADE BY AMERICAN RAMP COMPANY
CONTACT: ALEC BELDEN
EMAIL: ALEC@AMERICANRAMPCOMPANY.COM
WEB: AMERICANRAMPCOMPANY.COM
PRODUCT DESCRIPTION: ELEVATED WOOD TUNNEL

PART NUMBER: XXX-XXXX

NOTE: OR APPROVED EQUAL

5



PRODUCT MADE BY AMERICAN RAMP COMPANY
CONTACT: ALEC BELDEN
EMAIL: ALEC@AMERICANRAMPCOMPANY.COM
WEB: AMERICANRAMPCOMPANY.COM
PRODUCT DESCRIPTION: RINGS

PART NUMBER: XXX-XXXX

NOTE: OR APPROVED EQUAL

6



PRODUCT MADE BY AMERICAN RAMP COMPANY
CONTACT: ALEC BELDEN
EMAIL: ALEC@AMERICANRAMPCOMPANY.COM
WEB: AMERICANRAMPCOMPANY.COM
PRODUCT DESCRIPTION: ENTRANCE SIGN

PART NUMBER: XXX-XXXX

NOTE: OR APPROVED EQUAL

7



PRODUCT MADE BY AMERICAN RAMP COMPANY
CONTACT: ALEC BELDEN
EMAIL: ALEC@AMERICANRAMPCOMPANY.COM
WEB: AMERICANRAMPCOMPANY.COM
PRODUCT DESCRIPTION: ZIG ZAG CORNER (15 DEG) 1' X 24.4' X 36"

PART NUMBER: XXX-XXXX

NOTE: OR APPROVED EQUAL

8



PRODUCT MADE BY AMERICAN RAMP COMPANY
CONTACT: ALEC BELDEN
EMAIL: ALEC@AMERICANRAMPCOMPANY.COM
WEB: AMERICANRAMPCOMPANY.COM
PRODUCT DESCRIPTION: ROLLER CORNER (90 DEG) 1' X 20.6' X 36"

PART NUMBER: XXX-XXXX

NOTE: OR APPROVED EQUAL

9



PRODUCT MADE BY AMERICAN RAMP COMPANY
CONTACT: ALEC BELDEN
EMAIL: ALEC@AMERICANRAMPCOMPANY.COM
WEB: AMERICANRAMPCOMPANY.COM
PRODUCT DESCRIPTION: STEP DOWN ROLLER 2' X 31.2' X 60" (CUSTOM)

NOTE: OR APPROVED EQUAL

10



PRODUCT MADE BY AMERICAN RAMP COMPANY
CONTACT: ALEC BELDEN
EMAIL: ALEC@AMERICANRAMPCOMPANY.COM
WEB: AMERICANRAMPCOMPANY.COM
PRODUCT DESCRIPTION: 1' TEETER TOTTER AND SIGNAGE, 36" WIDE

PART NUMBER: XXX-XXXX

NOTE: OR APPROVED EQUAL

11



PRODUCT MADE BY AMERICAN RAMP COMPANY
CONTACT: ALEC BELDEN
EMAIL: ALEC@AMERICANRAMPCOMPANY.COM
WEB: AMERICANRAMPCOMPANY.COM
PRODUCT DESCRIPTION: ZIG ZAG CORNER (90 DEG) 1' X 21.8' X 36"

PART NUMBER: XXX-XXXX

NOTE: OR APPROVED EQUAL

12



PRODUCT MADE BY AMERICAN RAMP COMPANY
CONTACT: ALEC BELDEN
EMAIL: ALEC@AMERICANRAMPCOMPANY.COM
WEB: AMERICANRAMPCOMPANY.COM
PRODUCT DESCRIPTION: STRAIGHT LADDER (3.5 DEG) 1' X 27.7' X 12"

PART NUMBER: XXX-XXXX

NOTE: OR APPROVED EQUAL

13



PRODUCT MADE BY AMERICAN RAMP COMPANY
CONTACT: ALEC BELDEN
EMAIL: ALEC@AMERICANRAMPCOMPANY.COM
WEB: AMERICANRAMPCOMPANY.COM
PRODUCT DESCRIPTION: WIDE DOUBLE ROLLER 1' X 34.7' X 60"

PART NUMBER: XXX-XXXX

NOTE: OR APPROVED EQUAL

14



PRODUCT MADE BY AMERICAN RAMP COMPANY
CONTACT: ALEC BELDEN
EMAIL: ALEC@AMERICANRAMPCOMPANY.COM
WEB: AMERICANRAMPCOMPANY.COM
PRODUCT DESCRIPTION: WIDE ROLLER 1' X 18.7' X 60"

PART NUMBER: XXX-XXXX

NOTE: OR APPROVED EQUAL

15

DETAILS SHEET - 2



PRODUCT MADE BY AMERICAN RAMP COMPANY
 CONTACT: ALEC BELDEN
 EMAIL: ALEC@AMERICANRAMPCOMPANY.COM
 WEB: AMERICANRAMPCOMPANY.COM
 PRODUCT DESCRIPTION: MOUNTAIN TOP 3' PEAK, 3'X46.2'X36"

PART NUMBER: XXX-XXXX
 NOTE: OR APPROVED EQUAL

16



PRODUCT MADE BY AMERICAN RAMP COMPANY
 CONTACT: ALEC BELDEN
 EMAIL: ALEC@AMERICANRAMPCOMPANY.COM
 WEB: AMERICANRAMPCOMPANY.COM
 PRODUCT DESCRIPTION: SPLIT DECISION, 2'X36"

PART NUMBER: XXX-XXXX
 NOTE: OR APPROVED EQUAL

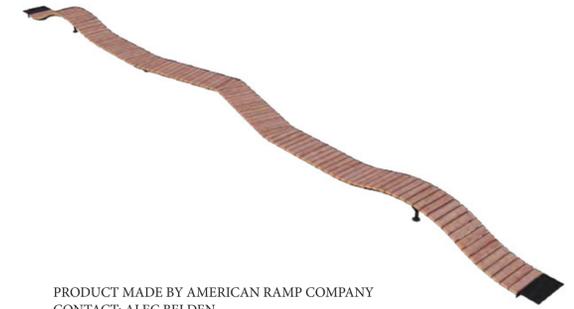
17



PRODUCT MADE BY AMERICAN RAMP COMPANY
 CONTACT: ALEC BELDEN
 EMAIL: ALEC@AMERICANRAMPCOMPANY.COM
 WEB: AMERICANRAMPCOMPANY.COM
 PRODUCT DESCRIPTION: SINGLE ROLLER 2' X 18.7' X 36"

PART NUMBER: XXX-XXXX
 NOTE: OR APPROVED EQUAL

18



PRODUCT MADE BY AMERICAN RAMP COMPANY
 CONTACT: ALEC BELDEN
 EMAIL: ALEC@AMERICANRAMPCOMPANY.COM
 WEB: AMERICANRAMPCOMPANY.COM
 PRODUCT DESCRIPTION: ZIG ZAG ROLLER 2' X 61.9' X 36"
 PART NUMBER: XXX-XXXX

NOTE: OR APPROVED EQUAL

19



PRODUCT MADE BY AMERICAN RAMP COMPANY
 CONTACT: ALEC BELDEN
 EMAIL: ALEC@AMERICANRAMPCOMPANY.COM
 WEB: AMERICANRAMPCOMPANY.COM
 PRODUCT DESCRIPTION: STRAIGHT LADDER (11 DEG) 2' X 27.7' X 12"

PART NUMBER: XXX-XXXX
 NOTE: OR APPROVED EQUAL

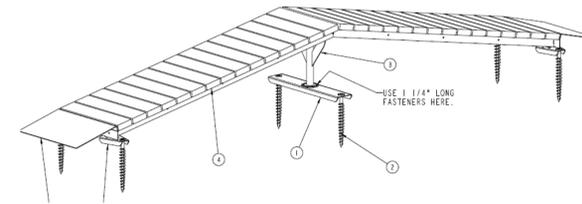
20



PRODUCT MADE BY AMERICAN RAMP COMPANY
 CONTACT: ALEC BELDEN
 EMAIL: ALEC@AMERICANRAMPCOMPANY.COM
 WEB: AMERICANRAMPCOMPANY.COM
 PRODUCT DESCRIPTION: AFRAME 2' X 36"

PART NUMBER: XXX-XXXX
 NOTE: OR APPROVED EQUAL

21



PRODUCT MADE BY AMERICAN RAMP COMPANY
 CONTACT: ALEC BELDEN
 EMAIL: ALEC@AMERICANRAMPCOMPANY.COM
 WEB: AMERICANRAMPCOMPANY.COM
 PRODUCT DESCRIPTION: ROLLER CORNER (90 DEG) 2' X 20.6' X 36"

PART NUMBER: XXX-XXXX
 NOTE: OR APPROVED EQUAL

22



PRODUCT MADE BY AMERICAN RAMP COMPANY
 CONTACT: ALEC BELDEN
 EMAIL: ALEC@AMERICANRAMPCOMPANY.COM
 WEB: AMERICANRAMPCOMPANY.COM
 PRODUCT DESCRIPTION: ROLLER CORNER (90 DEG) 2' X 20.6' X 36"

PART NUMBER: XXX-XXXX
 NOTE: OR APPROVED EQUAL

23



PRODUCT MADE BY AMERICAN RAMP COMPANY
 CONTACT: ALEC BELDEN
 EMAIL: ALEC@AMERICANRAMPCOMPANY.COM
 WEB: AMERICANRAMPCOMPANY.COM
 PRODUCT DESCRIPTION: ZIG ZAG S CORNER, 2'X36.5'X36"

PART NUMBER: XXX-XXXX
 NOTE: OR APPROVED EQUAL

24



PRODUCT MADE BY AMERICAN RAMP COMPANY
 CONTACT: ALEC BELDEN
 EMAIL: ALEC@AMERICANRAMPCOMPANY.COM
 WEB: AMERICANRAMPCOMPANY.COM
 PRODUCT DESCRIPTION: SNAKE LADDER 2' TALL, 36" WIDE = \$7600

PART NUMBER: XXX-XXXX
 NOTE: OR APPROVED EQUAL

25

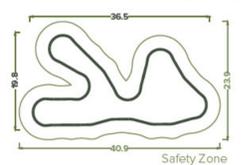


GRAND PRIX

Key Specifications

Track length	120m
Track area	722m ²
Layout area	976m ²
Modules	120
Material	Precast Concrete

Assembled Dimensions (metres)



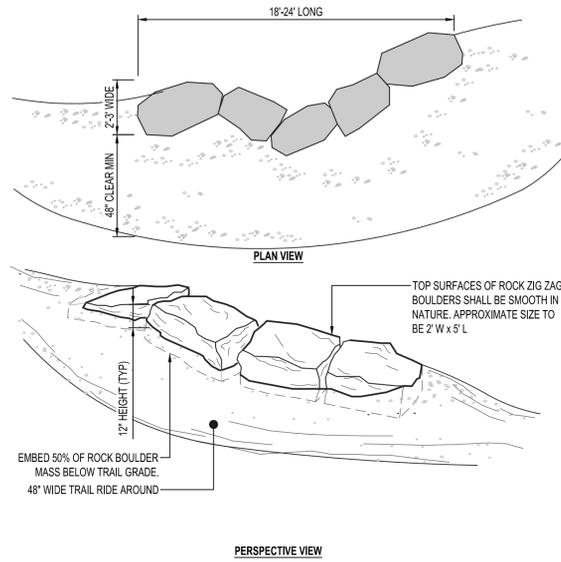
PRODUCT MADE BY PARKITECT PUMPTRX
 CONTACT: PETER TAMMETTA
 EMAIL: peter@pumptrx.com
 WEB: https://www.pumptrx.com/
 PRODUCT DESCRIPTION: GRAND PRIX - URBAN SERIES

PART NUMBER: XXX-XXXX

NOTE: OR APPROVED EQUAL

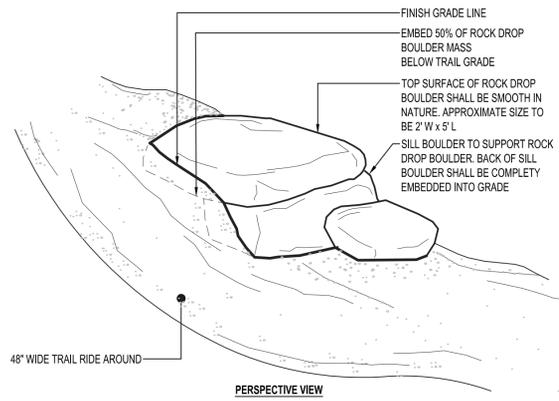
26

DETAILS SHEET - 3



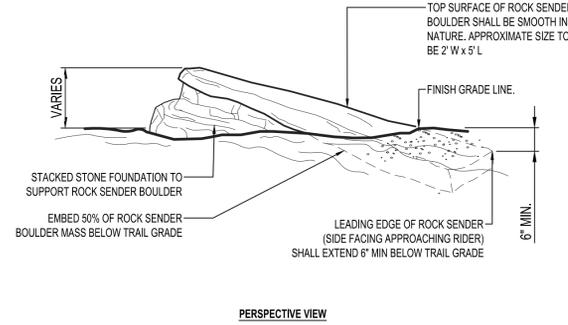
- NOTES**
1. HEIGHT SHALL NOT EXCEED WIDTH OF ZIG ZAG
 2. EXIT MAY BE A ROCK DROP UP TO 12" HEIGHT
 3. ENTRANCE MAY BE A STEP UP TO 8" HEIGHT
 4. ROCK BOULDERS MAY BE HARVESTED ON SITE, REFER TO TRAIL NOTES FOR SPECIFICATIONS AND CHARACTERISTICS
 5. PROVIDE 48" WIDE TRAIL RIDE AROUND.

27 TECHNICAL TRAIL FEATURE
ROCK BOULDER ZIG ZAG
NTS



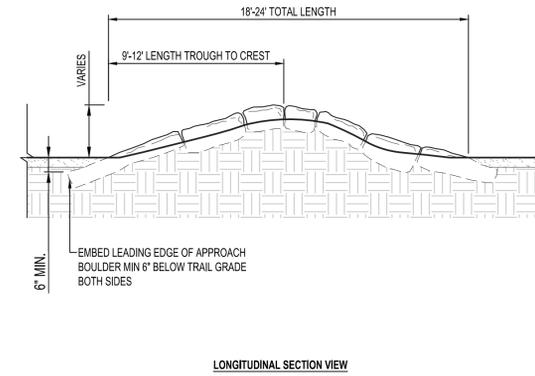
- NOTES**
1. HEIGHT SHALL NOT EXCEED WIDTH OF ROCK DROP BOULDER.
 2. ROCK BOULDERS / SENDER MAY BE HARVESTED ON SITE, REFER TO TRAIL NOTES FOR SPECIFICATIONS AND CHARACTERISTICS
 3. PROVIDE 48" WIDE TRAIL RIDE AROUND

28 TECHNICAL TRAIL FEATURE
ROCK DROP
NTS



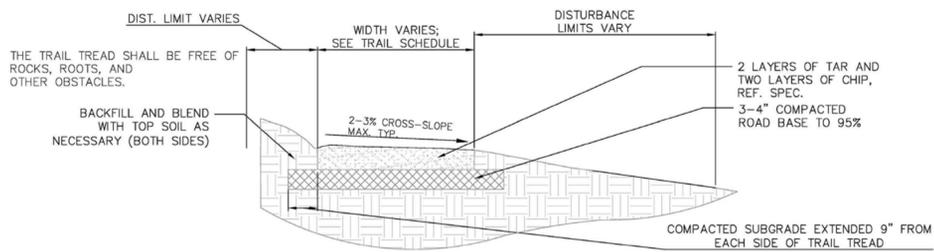
- NOTES**
1. HEIGHT OF ROCK SENDER VARIES BASED ON DESIRED SKILL LEVEL OF TRAIL.
 2. ROCK BOULDERS / SENDER MAY BE HARVESTED ON SITE, REFER TO TRAIL NOTES FOR SPECIFICATIONS AND CHARACTERISTICS
 3. PROVIDE 48" WIDE TRAIL RIDE AROUND

29 TECHNICAL TRAIL FEATURE
ROCK SENDER
NTS

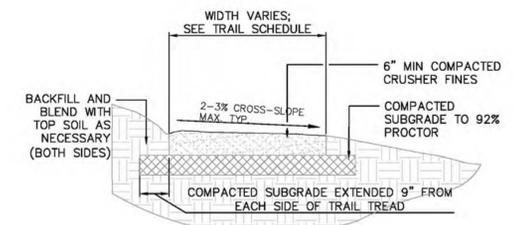
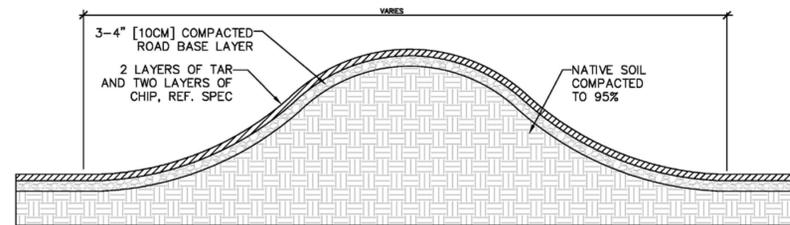


- NOTES**
1. HEIGHT OF ROCK ROLLER VARIES BASED ON DESIRED SKILL LEVEL OF TRAIL.
 2. ROCK BOULDERS MAY BE HARVESTED ON SITE
 3. EMBED 50% MINIMUM OF BOULDER MASS BELOW GRADE.
 4. PROVIDE CROSS SLOPE ON ROCK ROLLER FOR DRAINAGE. MIN 2% FOR BEGINNER MAX 20% FOR EXPERT SKILL LEVELS
 5. PROVIDE 48" WIDE TRAIL RIDE AROUND

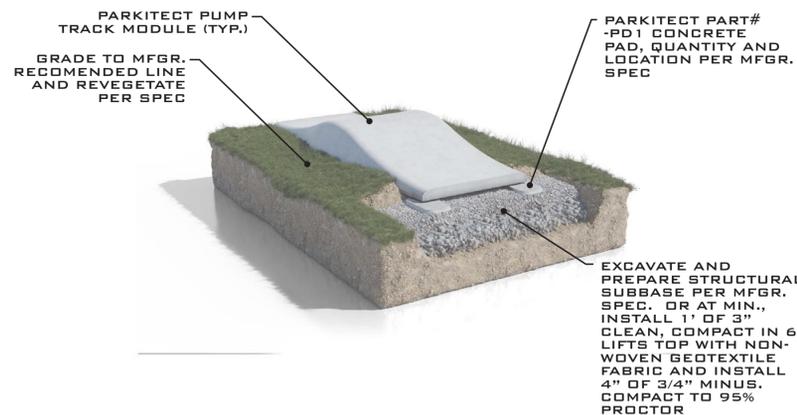
30 TECHNICAL TRAIL FEATURE
ROCK ROLLER
NTS



31 CHIP SEAL SECTION AND ROLLER DETAIL
NTS



33 CEDAR SPLIT RAIL FENCE - 8' O.C.



34 CONCRETE MODULE INSTALL DETAIL
NTS

TRAIL TYPES

BICYCLE PLAYGROUND

DESCRIPTION

- Kid-oriented loop trails that can be connected to a gateway green single track and features loop trail.
- The trail links wide, low skills development features, tunnels, hoops, art placement ride arounds, and animated features to make a kid friendly experience more like a playground than a traditional skills loop.

CRITERIA

- Size: 2' to 3' wide and 500' to 1,200' long



TRAIL TYPES

SKILLS FEATURES

DESCRIPTION

- Skills features are specifically designed for all levels of bikers to develop bike skills. These can be laid out as a loop trail that link a series of features to allow riders to progress their skills.
- Skills features include: skinny's, ladder bridges, rolling ramps, kinked boardwalks.
- Trails feature ride around options for riders who choose not to ride the skills features, fall zones clear of obstacles, and advanced alternatives should have good visibility for oncoming riders.

CRITERIA

- Skills features can be made out of natural rot resistant wood and/or stone. Pre-fabricated steel structures with wood decking are also common.
- Widths vary from 10" to 48" wide
- Heights here will range from 6" off the ground to 2' off the ground.



BIKE OPTIMIZED FEATURE TRAILS

- 48"-60" wide
- Downhill directional
- Include berms, rollers and rock features – potential to integrate prebuilt features.
- Beginner to expert riders.
- Surface type varies from all-weather chip seal to natural surface, refer to trail schedule for specifications



TRAIL TYPES

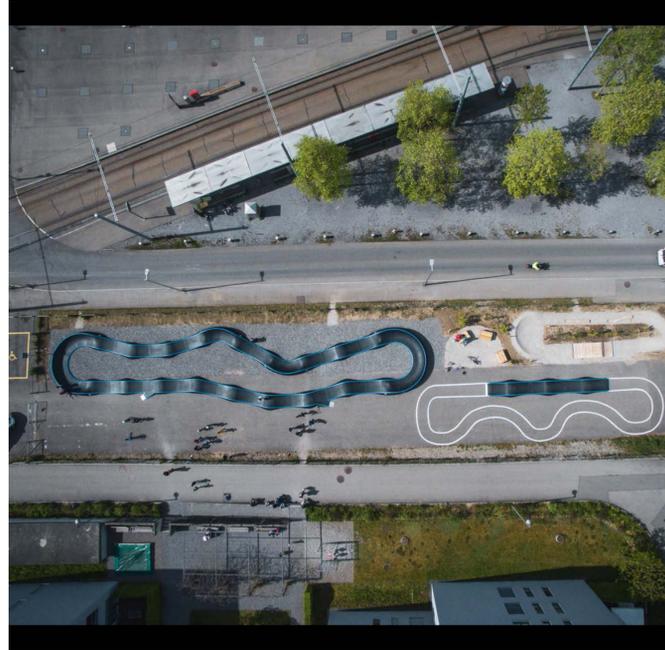
MODULAR PUMP TRACK

DESCRIPTION

- A looped sequence of rollers and berms (swooping, banked turns) in a linear or looper configuration.
- Pump track loops are the typical layout.
- Designed to maximize momentum by “pumping” and can be ridden with minimal or no pedaling.
- Suitable for all ability levels and adaptive equipment
- Rollers and berms range from 2' to 4' tall with appropriate transition radius and options for doubles or line transfers.
- Linear pumptrack will serve as a progression step from skills tracks to intermediate pump track.

CRITERIA

- Size: 5,000 to 10,000 square feet
- Located on mostly flat land
- All weather surfaces such as asphalt, concrete, and precast modular are strongly recommended.
- Dirt surface is no longer recommended due to extensive maintenance effort and seasonal closures due to wet and freeze/thaw impacts to surface.
- Hard surface encourages use by bikes, scooter, rollerblades, skateboards, etc.



SCHEMATIC DESIGN

TRAIL TYPES

ASPHALT PUMP TRACK

DESCRIPTION

- A looped sequence of rollers and berms (swooping, banked turns) in a linear or looper configuration.
- Pump track loops are the typical layout.
- Designed to maximize momentum by “pumping” and can be ridden with minimal or no pedaling.
- Suitable for all ability levels.
- Rollers and berms range from 2’ to 6’ tall with appropriate transition radius and options for doubles or line transfers.

CRITERIA

- Size: 5,000 - 10,000
- Located on mostly flat land
- Asphalt all weather surfaces is strongly recommended.
- Non-riding “in field” areas typically are low points within the pumptrack and act as drainage features via infiltration or drainage inlets. These areas should be seeded/sod/rock.
- Dirt surface is no longer recommended due to extensive maintenance effort and seasonal closures due to wet and freeze/thaw impacts to surface.
- Hard surface encourages use by “All-Wheels” (bikes, scooter, rollerblades, skateboards, etc).



BEGINNER ASPHALT PUMP TRACK

DESCRIPTION

- Relatively small pump track with small, gentle, rollers and berm corners.
- Rollers and berms range from 6” to 30” tall
- Transitions are long and smooth
- Suitable for beginner riders, children, and toddlers on strider bikes.

CRITERIA

- Size: 2,500 - 3,000 square feet
- Located on mostly flat land
- All weather surfaces such as asphalt is strongly recommended.

