

*Town of Fairhaven
Board of Public Works*

*5 Arsene Street
Fairhaven, Massachusetts 02719
TEL. 508-979-4030
FAX. 508-979-4086
bpw@fairhaven-ma.gov*



September 28, 2023

Jeffrey T. Lucas,
Chairman
Fairhaven Community Preservation Committee
40 Center St
Fairhaven, MA 02719

Re: BMX Track at Macomber Park

Dear Mr. Lucas:

By means of this correspondence, please accept this CPC application, submitted by the Board of Public Works, in the amount of \$370,207.560 to install a paved BMX track at Macomber Park.

Back in 2018, a group of interested residents came before the Board of Public Works and requested permission to create a BMX track comprised of dirt.

For the last 5 years, the Board of Public Works has continued to deliver dirt when requested and the BMX volunteers have done yeoman's work to keep the track intact.

Last year, the BMX Group applied to the CPC but did not have the associated appropriate engineering such as an estimate of cost or a plan.

As the Board of Public Works serves the Town as Park Commissioners who overwhelmingly support this project, we have expended quite a bit of allotted funds to obtain a design and cost estimate.

As part of this referenced support, should the above project be approved by your Committee, the Board of Public Works will assist the applicant, where possible, to minimize costs and logistics.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Vincent D. Furtado".

Vincent D. Furtado
Public Works Superintendent

CPC FY25 APPLICATION INSTRUCTIONS, FORM, CHECKLISTS & REQUIRED ATTACHMENTS

Final CPC FY25 Applications are **Due Friday, September 29, 2023 by 12:00 pm.**

Submit six (6) printed copies and one (1) digital copy of the application, including all attachments, to:

Community Preservation Committee
c/o Department of Planning & Economic Development
Fairhaven Town Hall
40 Center Street
Fairhaven, MA 02719

Attach the following with all final applications: Please note additions to this year's application

Address each item as it applies:

- **Narrative:** A complete and detailed description of the project and, when applicable, of the property involved and its proposed use. Describe how the project will benefit the Town and the citizens of Fairhaven and how the project is consistent with the Community Preservation Plan's "Guidelines for Submission" and "Review and Recommendation Criteria." Include a work plan showing the anticipated steps or phases for completion of the project and the timing and estimated cost of each phase.
- **Checklist:** Check off and address each criterion that applies to your proposal on the checklists that are on pages 4-8 of this Application.
- **Site Control:** A copy of the deed, purchase and sale agreement, option agreement, or other document to prove that the applicant has site control; or the property owner's written consent to the application and to the proposed project. If site control is not established, please explain in detail.
- **Project Scope:** An itemized project scope, with details describing each item and its estimated cost.
- **Cost Estimate:** Professionally prepared appraisal; or professionally prepared cost estimate (or detailed cost estimate with full explanation by line item and back-up material). Large projects, historic preservation projects in particular, may require the assistance of a professional consultant.
- **Feasibility:** List and explain all further action or steps that will be required for completion of the project, such as environmental assessments, zoning or other permits and approvals, agreement on terms of any required conservation, affordability, or historic preservation restrictions, subordination agreements, and any known or potential barriers or impediments to project implementation.
- **Maps:** USGS topographical map, assessors map, and/or other map as appropriate, showing the location of the project.
- **Photographs:** Of the site, building, structure, and/or other subject for which the application is made.

Include the following, if applicable and available:

- Record plans of the land.
- Natural resource limitations (wetlands, flood plain, etc.).
- Zoning (district, dimensional and use regulations as applies to the land).
- Inspection reports.
- 21E Reports and other environmental assessment reports.
- Architectural plans and specifications for new construction and rehabilitation.
- Site plans and specifications.
- Maps, renderings, etc.
- Historic inventory sheet.
- Existing conditions report.
- Names and addresses of project architects, contractors, and consultants.
- Other information deemed useful for the Committee in considering the project.

Notes:

- Following the initial review of all applications, the Community Preservation Committee may request from applicants additional or more detailed information, and further clarifications to the submitted proposals. The Committee may request from the applicant a legal opinion to help it assess CPA project eligibility and to provide answers to any other questions that the Committee may have before finalizing its recommendation to Town Meeting.
- Once the Committee has made a preliminary selection of projects for funding, the Committee will work with the applicants to advance them for funding by Town Meeting.
- The Committee reserves the right to attach conditions, and to require deed restrictions and additional agreements, before it makes a favorable funding recommendation to Town Meeting.

CPC PROJECT APPLICATION FORM – FY25

Applicant: Board of Public Works **Submission Date:** September 29, 2023

Applicant's Address, Phone Number and Email **Purpose: (Please select all that apply)**

5 Arsene St
508-979-4031
bpw@fairhaven-ma.gov

- Open Space
- Community Housing
- Historic Preservation
- Recreation

Town Committee or sponsoring organization (if applicable): Board of Public Works

Project Name: BMX Bike Track

Project Location/Address: Macomber Park

Amount Requested: \$370,207.50

Project Summary: In the space below, or attached sheets if necessary, provide a detailed summary of the project citing the elements of the Review and Recommendation Criteria found in the Application Guidelines and checklists below (p. 4-8)

The Board of Public Works is requesting \$370,207.560 to install a paved BMX track at Macomber Park.

Back in 2018, a group of interested residents came before the Board of Public Works and requested permission to create a BMX track comprised of dirt.

For the last 5 years, the Board of Public Works has continued to deliver dirt when requested and the BMX volunteers have done yeoman's work to keep the track intact.

Last year, the BMX Group submitted an application to the CPC but did not have the associated appropriate engineering such as an estimate of cost or a plan.

As the Board of Public Works serves the Town as Park Commissioners who overwhelmingly support this project, we have expended quite a bit of allotted funds to obtain a design and cost estimate.

Estimated Date for Commencement of Project: Fall 2024

Estimated Date for Completion of Project: Fall 2024

General Criteria for All Projects – Check off and address each criterion as it applies:

- Is the project consistent with the goals of the Town of Fairhaven *Community Preservation Plan*?
Yes
- Does the project have other sources of funding? If so, indicate percentage.
Engineering
- Does the project leverage additional or multiple sources of public and/or private funding?
- Does the project preserve a threatened resource?
- Is the project consistent with existing Planning Documents such as the Master Plan and Open Space Plan?
Yes
- Does the project comply with the zoning regulations?
- Does the project have a means of support for maintenance and upkeep?
Yes BPW Parks and Highways
- Does the project involve currently owned municipal assets?
Yes, Macomber Park
- Does the project serve underserved populations or address more than one focus area of the CPA?
- Does the project reclaim abandoned or previously developed lands?
Yes - using empty valuable land at Macomber Park
- Does the project require a Special Permit, NOI, Building Permit or other permitting? Please list all local and State permits you are aware of that the project will need.
- Does the project have community support? Does the project provide a positive impact to the community?
Yes - BMX Group and many others
- Does the project have sufficient supporting documentation?
Yes
- Has the applicant/ team demonstrated the ability and competency to implement the project as proposed?
Yes - BPW has successfully spearheaded many such projects
- Does the applicant have site control, or the written consent by the property owner to submit an application?
Yes

Historic Preservation Selection Criteria - Check off and address each criterion as it applies:

- Is the building on the National or State Register of Historic Places?
- Is the property eligible for listing on the National or State Register of Historic Places?
- Has the property been included in the local Survey of Historic Properties (MACRIS)?
- Is the property in danger of being demolished?
- Are there potential archeological artifacts at the site?
- Did the property ever play a documented role in the history or is it noted in published histories of the Town?
- Are there any particularly important historic aspects about the property?
- Are there other potential uses for the property, which could benefit the Town?
- Could the building be converted for affordable housing use while still retaining its historic character?
- Is the owner interested in preserving the historic integrity of the property?
- Does the proposal conform to the Secretary of the Interior's Standards for the Treatment of Historic Properties? Has previous work on the building conformed to the Standards?
- Was the structure built before 1921? Has it otherwise been identified as being historic or have cultural value?

Recreation Criteria - Check off and address each criterion as it applies:

- Will more than one age group use the project?
All ages currently use the dirt track
- Can the project be used by more than one activity (multi-use)?
Yes
- How many participants will normally use the project at once?
Numerous
- Is this project the first of its kind in the Town or County?
Town, certainly
- Are grants available to help pay for construction? If so, have applications been made for the grants?

- Does the project include considerations for additional parking?
Yes
- Can the project be used during more than 1 of the 4 seasons per year?
Yes 3/4 certainly
- Does the project match the character of the surrounding area?
Yes
- Does the project include all normal safety considerations?
Yes
- Does the project meet all building and safety codes?
Yes
- Is the project accessible by pedestrians, bicycles, transit?
Yes

Open Space Criteria for Parcel Selection - Check off and address each criterion as it applies:

- Is the project within the Nasketucket Watershed Area?

- Is the project with 100 feet of wetlands? Is the project with 200 feet of a river?

- Is stream and bank protection an issue? Is vernal pool protection a consideration?

- Would this proposal enhance protection of any FEMA designated floodway?

- Does the project include any Area of Critical Environmental Concern?

- Would this proposal contribute to the preservation and/or creation of forested land?

- Will this proposal protect other parcels? Will this proposal impact other parcels?

- Does this parcel abut protected land? Does this parcel support a significant wildlife habitat?

- Is this parcel at risk for development? Did this parcel have a past proposal for development? Is it for sale?

- Are grants available? If so, have applications been made?

- Does the property or structures have historic significance?

- Are there any stonewalls, old foundations, roads, trails, cart paths or scenic vistas?

- Are there any active or passive recreation possibilities associated with this parcel?

Yes - parkland

- Is this parcel suitable for a community garden or farm?

- Is this parcel suitable for nature observation and educational programs?

Yes

Affordable Housing Selection Criteria - Check off and address each criterion as it applies:

- Will this involve the renovation of an existing building?
 - Is the existing building structurally sound?
 - Is the building free of lead paint? Is it free of asbestos, pollutants, and other hazards?
 - Is this a conversion of market rate to affordable housing?
 - Is there Town sewerage? If not, is the septic system in compliance with Title 5?
 - Does the proposed building or renovation comply with building, sanitary and accessibility codes?
 - Is this a tax title property?

- Does this project involve the building of a new structure? If so,
 - Will the structure be built on tax title property, on Town owned land or donated land?

Yes - BMX Track Construction at Macomber Park +
 - Will the building be free of environmental hazards?
 - Are there programs such as Habitat for Humanity involved?
 - Will the project be built on a previously developed site?

- Does the project provide housing that is similar in design and scale with the surrounding community?

- Does this serve the 60% income level population? Does this serve the 80% income level population?

- Is long-term affordability assured? Will this be geared to one age group?

- Will there be more than two bedrooms? Will there be multiple units?

- Will it be located near services such as grocery, mass transit, etc.?

- Will priority be given to local residents or employees of local businesses?

- Will the project incorporate solar power or renewable energy?

TOWN OF FAIRHAVEN, MASSACHUSETTS MACOMBER & PIMENTAL PARK

BMX PARK

SEPTEMBER 26, 2023

OWNER/APPLICANT:

TOWN OF FAIRHAVEN - PUBLIC WORKS DEPARTMENT
5 ARSENE STREET
FAIRHAVEN, MA 02719
PHONE: (508) 979-4030

PROJECT ADDRESS:

MACOMBER & PIMENTAL PARK
7 BERNSESE STREET
FAIRHAVEN, MA 02719

INDEX TO DRAWINGS

SHEET NO.	DESCRIPTION
1.	COVER
2.	LEGEND & GENERAL NOTES
3.	EXISTING CONDITIONS PLAN
4.	PROPOSED BMX PARK
5.	PROPOSED BMX PARK AERIAL VIEW
6.	BMX PARK 3D PLAN VIEWS
7.	DETAILS I
8.	DETAILS II



LOCUS PLAN
SCALE: 1" = 1,000'

GCG ASSOCIATES INC.

CONSULTING ENGINEERS

WILMINGTON,

MASSACHUSETTS

PLAN 1 OF 8 SEPTEMBER 26, 2023

ABBREVIATIONS

ACP	ASBESTOS CEMENT PIPE
BCC	BUTYROS CEMENT CURB
BND	BOUNDARY
BND	BOUNDARY
BIT	BITUMINOUS
BLK	BLOCK
BLK	BLOCK
BRK	BRICK
CB	CATCH BASIN
CC	CONCRETE
CS	CONCRETE
C	CENTERLINE
CP	CAST IRON PIPE
CSH	COMBINED SEWER MANHOLE
CSH	COMBINED SEWER MANHOLE
CSH	COMBINED SEWER MANHOLE
CULV	CULVERT
CONC	CONCRETE
C.L.D.	CONC. LINED DUCTILE IRON
C.I.P.	DUCTILE IRON PIPE
DR	DRAIN MANHOLE
DMH	DRAIN MANHOLE
EM	ELECTRIC MANHOLE
EX	EXISTING
FAB	EDGE OF PAVEMENT
EOR	EDGE OF GRAVEL ROAD
FDH	FIRE DEPT. MANHOLE
GR	GAS LINE
GBC	GRANITE BLOCK CURB
GI	GUTTER INLET
GV	GAS VALVE
HW	HEADWALL
HS	HORIZONTAL
HYD	HYDRANT
HP	HIGH PRESSURE
IP	IRON PIPE
LP	LIGHT POLE
M	MAIL BOX
MB	MAIL BOX
WHB	WATER SERVICE
MIN	MINIMUM
NG	NATURAL GAS
PROP	PROPOSED
P	APPROXIMATE PROPERTY LINE
RET WALL	RETAINING WALL
ROW	APPROXIMATE RIGHT OF WAY
RR	RAILROAD
S	STONE
SMH	SEWER MANHOLE
SVA	SEWER VALVE
SS	SEWER SERVICE
ST	STEEL
TMH	TELEPHONE MANHOLE
T	TREE
TS	TRAFFIC SIGN
UP	UTILITY POLE
VCP	VITRIFIED CLAY PIPE
VERT	VERTICAL
WALK	WALKWAY
WG	WATER GATE
WO	WOOD
WH	WATER MANHOLE
W	WATER SERVICE
W	WATER SERVICE SHUTOFF
W	WATER VALVE

LINEWORK

PROPOSED	CONTOUR MAJOR
EXISTING	CONTOUR MINOR
BOUNDARY	CURB LINE
BOUNDARY	DRIVEWAY
BOUNDARY	EDGE OF PAVEMENT
BOUNDARY	FENCE
BOUNDARY	HOISTPOLE
BOUNDARY	SEWER LINE
BOUNDARY	SIDEWALK
BOUNDARY	UTILITY POLE
BOUNDARY	WATER LINE

SYMBOLS

1. THE FOLLOWING SYMBOLS ARE USED TO IDENTIFY UTILITY APURTENANCES.
2. THE SIZE AND TYPE IS NOTED ON THE PLANS ADJACENT TO THE SYMBOL.

	BENCHMARK
	BOUND
	CATCH BASIN
	TREE
	BUSH OR SHRUB
	FLARED END
	GAS VALVE
	HOISTPOLE
	ROCK
	SEWER MANHOLE
	UTILITY POLE
	WATER VALVE

GENERAL NOTES

1. PLANS AND TOPOGRAPHIC INFORMATION ARE PREPARED FROM AN AERIAL PHOTOGRAPHIC SURVEY PERFORMED BY GCG ASSOCIATES, INC. ON JANUARY 13, 2017.
2. THE LOCATIONS SHOWN REFER TO MASSACHUSETTS STATE PLANE COORDINATE SYSTEM. (NAD 83 - NAD 83).
3. PROPERTY LINES AND BOUNDARIES WERE ESTABLISHED, APPROXIMATELY, FROM MASS GIS DATA LAYERS.
4. THE LOCATIONS OF SUBSURFACE UTILITIES AND STRUCTURES WERE DETERMINED FROM RECORD DRAWINGS AND FIELD SURVEY. THE TYPE AND LOCATION OF UTILITIES SHOWN ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY THE TYPE AND LOCATION OF UTILITIES BY CONTACTING THE UTILITY OWNERS BY CONTACTING DISK# (811).
5. WATER MAINS ARE ASSUMED TO BE 5 FEET BELOW THE EXISTING FINISHED GROUND SURFACE UNLESS OTHERWISE NOTED. THE EXISTING GROUND SURFACE ELEVATION AND THE FINISHED GROUND SURFACE ELEVATION SHALL BE SHOWN ON THE PLAN AND ESTIMATED TIME OF COMPLETION OF EACH SEGMENT OF WORK, PRIOR TO THE COMMENCEMENT OF WORK.
6. THE CONTRACTOR SHALL MAINTAIN CONTINUOUS TRAFFIC FLOW DURING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES.
7. THE CONTRACTOR SHALL MAINTAIN CONTINUOUS TRAFFIC FLOW DURING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SITE RESTORATION AND CLEAN UP UPON COMPLETION OF THE PROJECT. PAYMENT UNDER ASSOCIATED ITEM.
9. MEASUREMENTS SHALL BE SOLELY RESPONSIBLE FOR CONSTRUCTION PRELIMINARIES AND PROGRAMS IN CONNECTION WITH ALL WORK INCLUDED HEREIN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES.
10. ALL CONSTRUCTION SINKING SHALL CONFORM TO THE REQUIREMENTS OF THE STATE OF MASSACHUSETTS DEPARTMENT OF TRANSPORTATION (DOT), AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
11. PRIOR TO THE PROPOSED CONSTRUCTION ON THE BIK PARK, THE CONTRACTOR SHALL SUBMIT A PLAN TO THE STATE OF MASSACHUSETTS DEPARTMENT OF TRANSPORTATION (DOT) FOR REVIEW AND APPROVAL. THE CONTRACTOR SHALL SUBMIT A PLAN TO THE STATE OF MASSACHUSETTS DEPARTMENT OF TRANSPORTATION (DOT) FOR REVIEW AND APPROVAL. THE CONTRACTOR SHALL SUBMIT A PLAN TO THE STATE OF MASSACHUSETTS DEPARTMENT OF TRANSPORTATION (DOT) FOR REVIEW AND APPROVAL.
12. PROPOSED CONSTRUCTION SHALL BE COMPLETED WITHIN THE EXISTING RIGHT OF WAY BOUNDARIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES.
13. ALL DISTURBED AREAS SHALL BE RESTORED WITH 6" LOAM & SEEDING OR LIME MATERIAL FOR THE AREA DISTURBED.
14. THE CONTRACTOR SHALL CONTROL DUST AS APPROPRIATE.

STOCKPILED EXCAVATED MATERIALS

1. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING A LOCATION FOR STAGING AND STOKING STOCKPILED MATERIALS.
2. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF LOCATION AND SCHEDULING FOR THE REMOVAL OF STOCKPILED MATERIALS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES.
3. THE TOWN OF FAIRHAVEN IS NOT RESPONSIBLE FOR PROVIDING A LOCATION FOR STAGING OR STORAGE OF STOCKPILED MATERIAL. MATERIALS SHALL NOT BE STOCKPILED ON THE ROAD OR IN PUBLIC PARKING AREAS.
4. MATERIALS SHALL NOT BE ALLOWED TO BE PARKED ON THE ROAD WHEN NOT IN USE.
5. STOCKPILED SUITABLE EXCAVATED MATERIAL SHALL BE USED ON-SITE FOR BACKFILL. NO ADDITIONAL PAYMENT SHALL BE MADE FOR THE PLACEMENT OF THIS MATERIAL.
6. ALL SUITABLE EXCAVATED MATERIALS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO STORE AND MAINTAIN AT ALL TIMES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES.

MISCELLANEOUS NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES.
2. ANY COORDINATION OF RELOCATION OF WATER, SEWER, ELECTRIC, TELEPHONE AND CABLE SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
3. ANY COORDINATION OF RELOCATION OF STREET SIGNS, MAILBOXES ETC. BEING ON THE WORK AREA SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES.
5. POLICE DETAILS FOR TRAFFIC CONTROL WILL BE PAID FOR DIRECTLY BY THE TOWN THROUGH THE CONTRACT. THE CONTRACTOR SHALL COORDINATE ALL TRAFFIC CONTROL MEASURES WITH THE TOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES.
6. THE CONTRACTOR SHALL MAINTAIN A SEED ALL DISTURBED AREAS. THE CONTRACTOR SHALL MAINTAIN A SEED ALL DISTURBED AREAS. THE CONTRACTOR SHALL MAINTAIN A SEED ALL DISTURBED AREAS.
7. THE CONTRACTOR SHALL PROVIDE GENERAL CLEANUP TO THE ENTIRE PROJECT SITE. INCLUDE PAYMENT UNDER APPROPRIATE ITEM.
8. ALL CASTINGS, GATE BOXES, ETC. DAMAGED DURING CONSTRUCTION SHALL BE REPLACED AND REPAIRED BY THE CONTRACTOR AT AN ADDITIONAL COST TO THE CONTRACTOR. THE CONTRACTOR SHALL INCLUDE THE COST IN ALL BID ITEMS.
9. THE CONTRACTOR SHALL FURNISH AND INSTALL OR REMOVE AND REPLACE ALL MISCELLANEOUS WORK ITEMS.
10. THE CONTRACTOR SHALL BE PAID FOR WORK REQUIRED TO SUPPORT OR REMOVE AND REPLACE EXISTING STRUCTURES AND UTILITY LINES ADJACENT TO THE PROJECT SITE. TRENCH EXCAVATION UNDER THE MISCELLANEOUS WORK ITEM.
11. THE CONTRACTOR SHALL SMOOTH ALL PRIVATE DRIVEWAYS AND SIDEWALKS TO ALLOW FOR PROPER SLOPES AND TRANSITIONS TO THE PROPOSED EXISTING MATERIAL AND TYPE. ALL WORK SHALL BE INCLUDED UNDER THE APPROPRIATE ITEM.

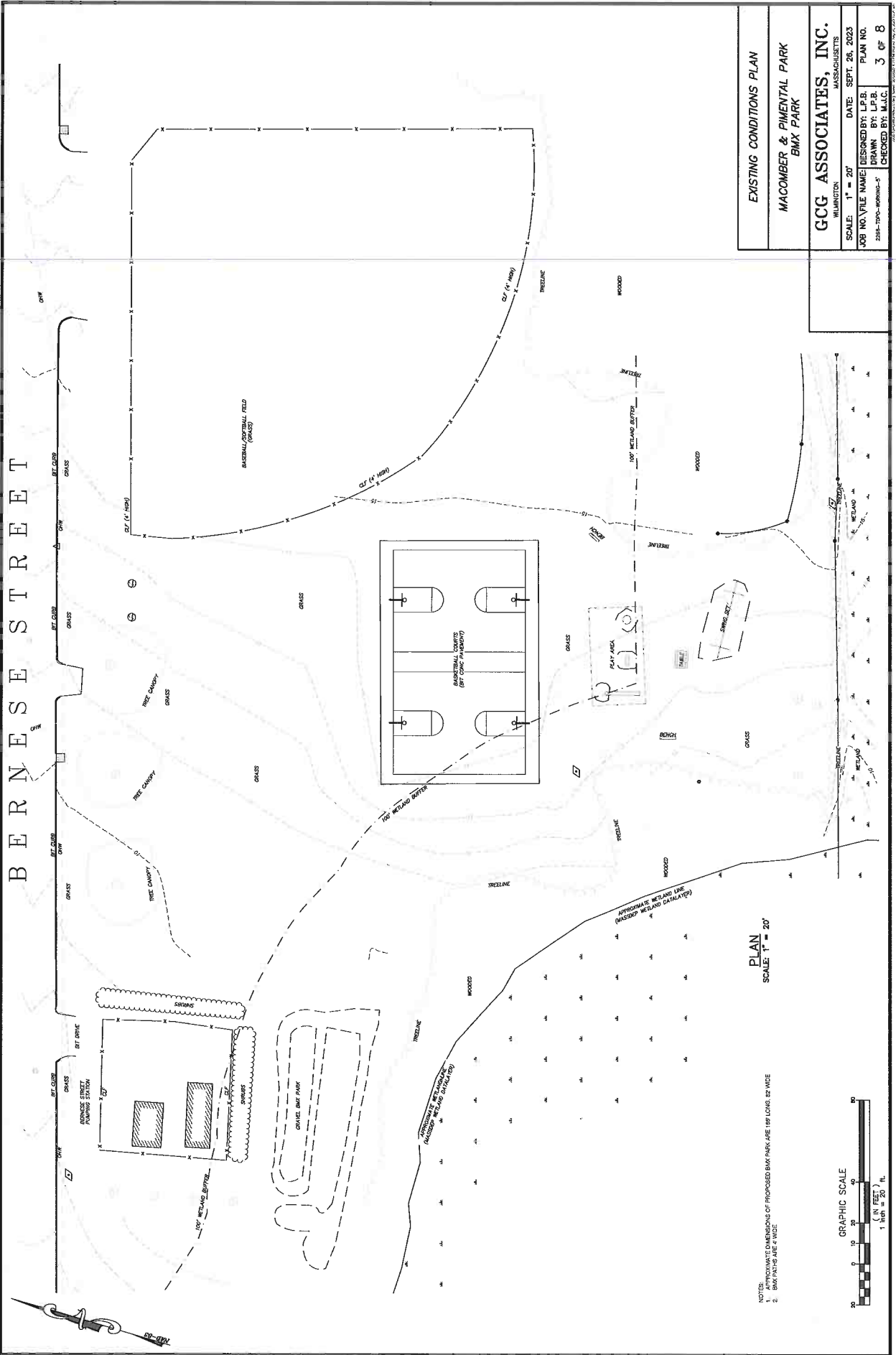
LEGEND AND NOTES

MACOMBER & PIMENTAL PARK
BMX PARK

GCG ASSOCIATES, INC.
WALQUINTON
MASSACHUSETTS

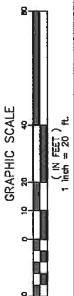
SCALE: 1" = 20'	DATE: SEPT. 26, 2023
JOB NO. FILE NAME	DESIGNED BY: L.P.B.
228-1105-0000-5	DRAWN BY: L.P.B.
	CHECKED BY: M.L.C.
	PLAN NO. 2 OF 8

BERNESE STREET



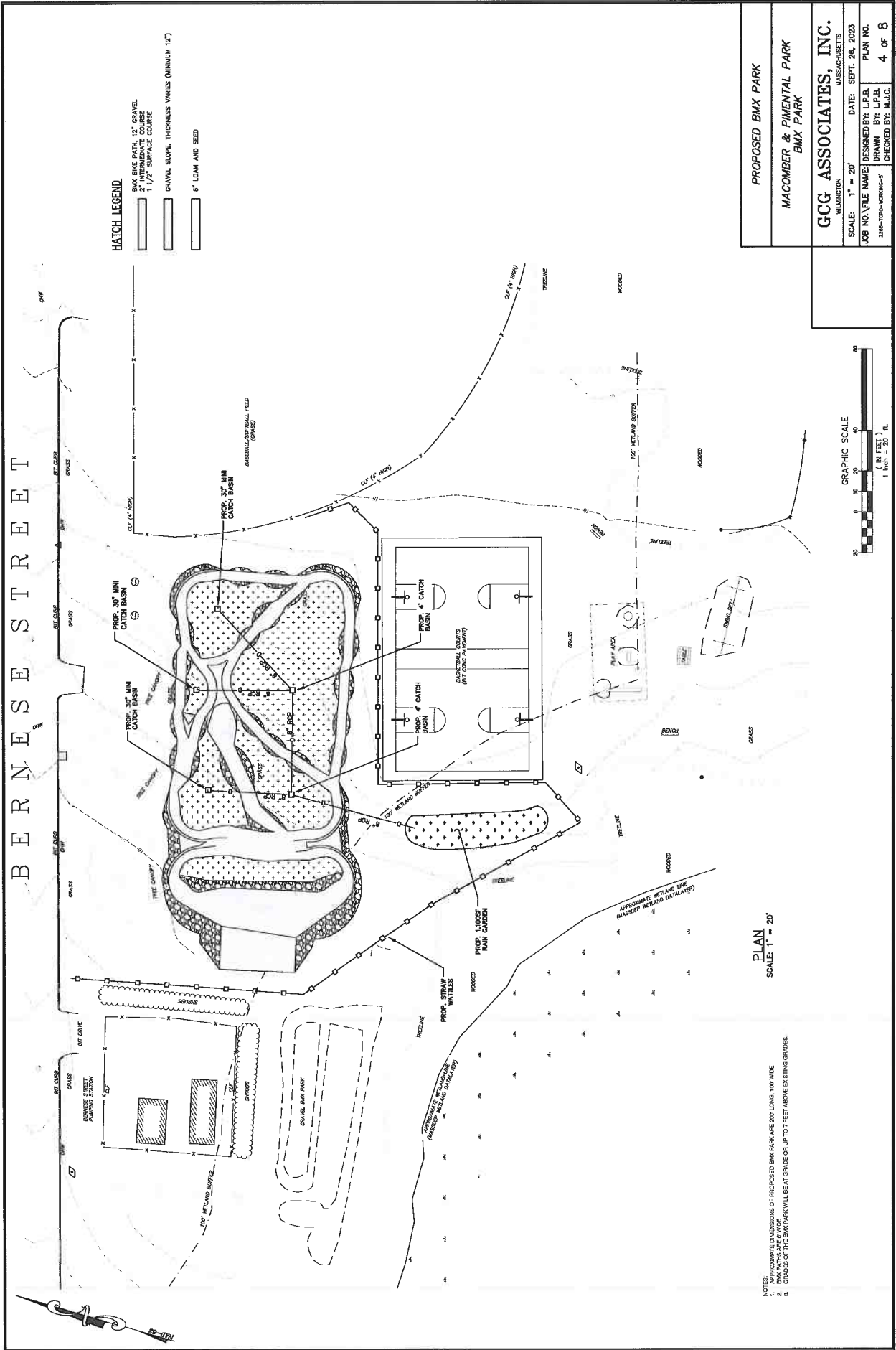
NOTES:
 1. DIMENSIONS OF PROPOSED BMX PARK ARE 159' LONG, 82' WIDE
 2. BMX PATHS ARE 4' WIDE

PLAN
 SCALE: 1" = 20'



EXISTING CONDITIONS PLAN	
MACOMBER & PIMENTAL PARK BMX PARK	
GCG ASSOCIATES, INC.	
WILMINGTON MASSACHUSETTS	DATE: SEPT. 26, 2023
SCALE: 1" = 20'	JOB NO./FILE NAME: DESIGNED BY: L.P.B.
	DRAWN BY: L.P.B.
	CHECKED BY: M.J.C.
	PLAN NO. 3 OF 8

BERNESE STREET

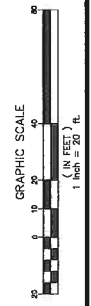


HATCH LEGEND

- BMX BIKE PATH, 12" GRAVEL
- 1 1/2" SURFACE COURSE
- GRAVEL SLOPE, THICKNESS VARIES (MINIMUM 12")
- 6" LOAN AND SEED

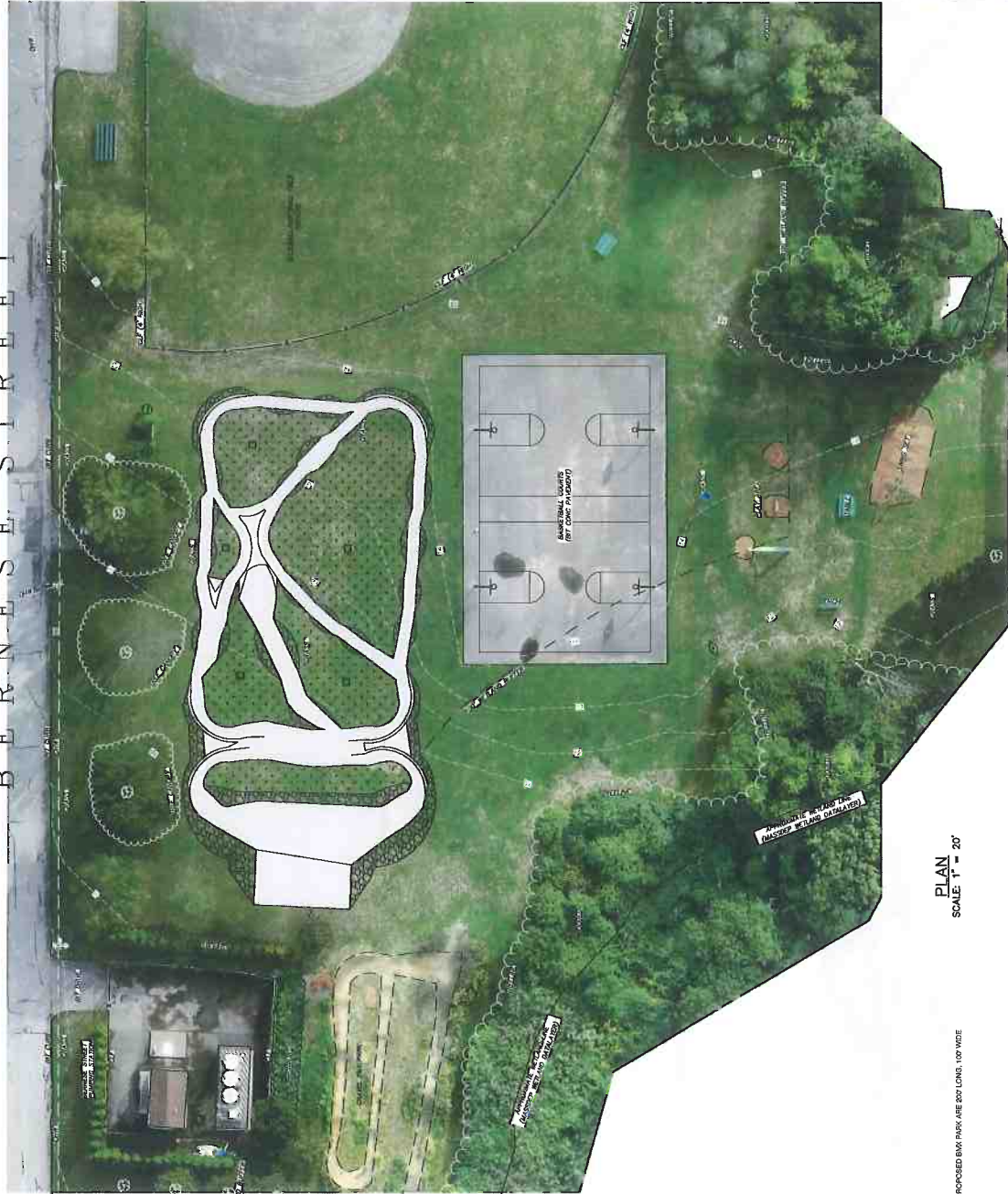
PLAN
SCALE 1" = 20'

- NOTES:
1. APPROXIMATE DIMENSIONS OF PROPOSED BMX PARK ARE 200' LONG, 100' WIDE
 2. BMX PATHS ARE 6' WIDE
 3. GRADES OF THE BMX PARK WILL BE AT GRADE OR UP TO 7 FEET ABOVE EXISTING GRADES.



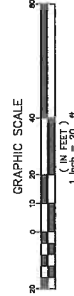
PROPOSED BMX PARK	
MACAMBER & PIMENTAL PARK BMX PARK	
GCG ASSOCIATES, INC. WALQUILTON MASSACHUSETTS	
SCALE: 1" = 20'	DATE: SEPT. 28, 2023
JOB NO. \FILE NAME: DESIGNED BY: L.P.B.	PLAN NO. 4 OF 8
DRAWN BY: L.P.B.	CHECKED BY: M.L.L.C.

BERNESE STREET



PLAN
SCALE: 1" = 20'

- NOTES:
1. APPROXIMATE DIMENSIONS OF PROPOSED BMX PARK ARE 200' LONG, 100' WIDE
 2. BMX TRACK ARE 5' WIDE



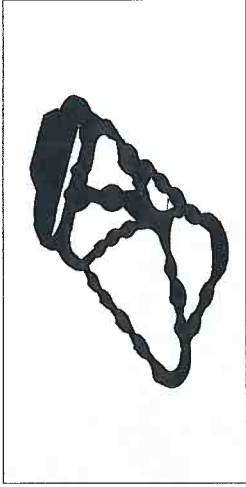
BMX PARK AERIAL IMAGERY

MACOMBER & PIMENTAL PARK
BMX PARK

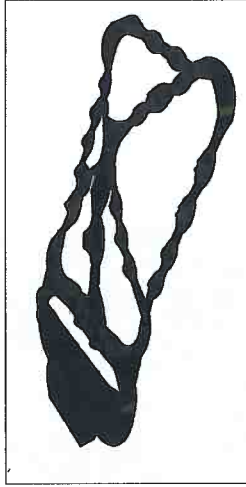
GCG ASSOCIATES, INC.
WILMINGTON MASSACHUSETTS

SCALE: 1" = 20'	DATE: SEPT. 20, 2023
JOB NO./FILE NAME: 2288-T020-MACOMBER-5	DESIGNED BY: L.P.B.
	DRAWN BY: L.P.B.
	CHECKED BY: M.J.C.
	PLAN NO. 5 OF 8

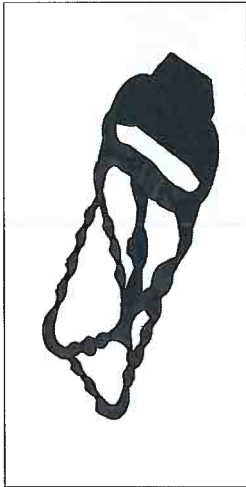
NORTH EAST VIEW



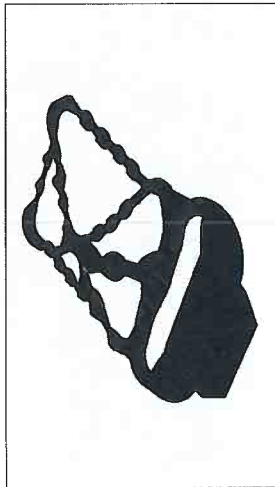
SOUTH EAST VIEW



NORTH WEST VIEW



SOUTH WEST VIEW

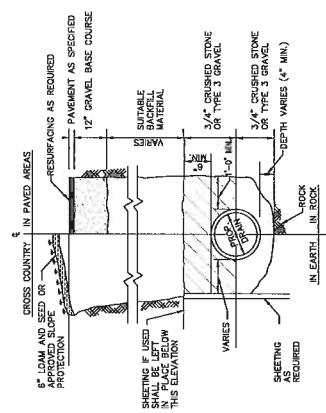


BMX PARK 3D VIEWS

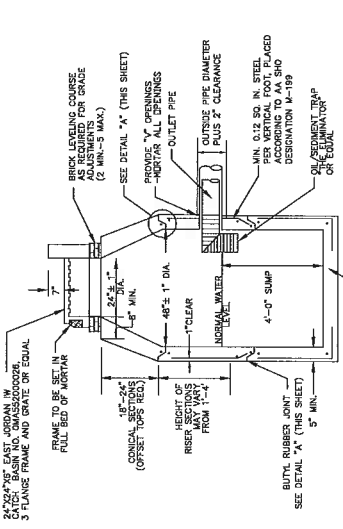
MACOMBER & PIMENTAL PARK
BMX PARK

GCG ASSOCIATES, INC.
MILWAUKEE, WISCONSIN

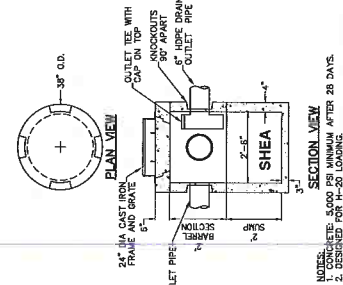
SCALE: 1" = 20"	DATE: SEPT. 26, 2023
JOB NO. \FILE NAME\	DESIGNED BY: L.P.B. PLAN NO.
2388-1704-WORKING-3	DRAWN BY: L.P.B. 6 OF 8
	CHECKED BY: M.J.C.



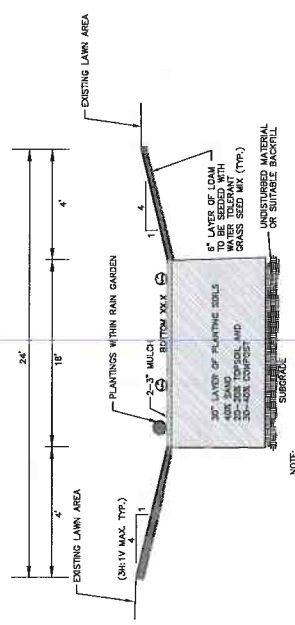
TYPICAL DRAIN/SEWER TRENCH DETAIL
NOT TO SCALE



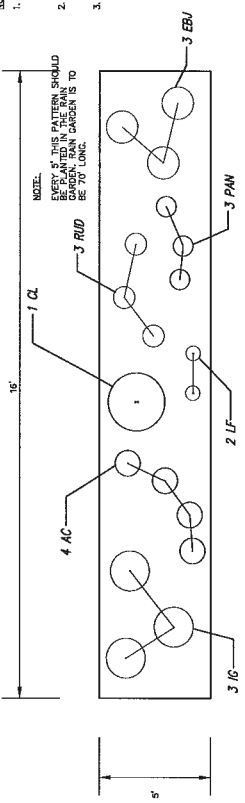
PRECAST CONCRETE CATCH BASIN
WITH GRANITE CURB INLET
NOT TO SCALE



PRECAST CONCRETE 30" MINI CATCH BASIN
N.T.S.



BIORETENTION BASIN CROSS SECTION
N.T.S.



BIORETENTION BASIN / RAIN GARDEN
TYPICAL PLANTINGS
N.T.S.

- NOTES:
1. THE PLANTING PLAN SHOULD INCLUDE A MIX OF HERBACEOUS PERENNIALS, BIENNIALS AND ANNUALS. PLANTS SHOULD BE INTERMEDIATE GROWING HABITS AND USUALLY SALES CONDITIONS (DUE TO ROAD SALT), AND EXTENDED DRY PERIODS.
 2. BIORETENTION BASIN SHALL BE CONSTRUCTED AND MAINTAINED AS SPECIFIED IN THE 2008 ILLINOIS PLANTING BOOK, 2008 EDITION, MORE SPECIFICALLY IN VOL. 2, CH. 3, P. 25-27.
 3. PLANTING SOIL LAYER ABOVE SHALL BE:
 - 20-30% TOPSOIL WITH LESS THAN 2% SALINITY
 - 30%-40% SPECIAL LOAM COMPOST

- PLANTINGS:
- 1 - 12" GALIA 'SUNSHINE'
 - 2 - 12" GALIA 'SUNSHINE'
 - 3 - 12" GALIA 'SUNSHINE'
 - 4 - 12" GALIA 'SUNSHINE'
 - 5 - 12" GALIA 'SUNSHINE'
 - 6 - 12" GALIA 'SUNSHINE'
 - 7 - 12" GALIA 'SUNSHINE'
 - 8 - 12" GALIA 'SUNSHINE'
 - 9 - 12" GALIA 'SUNSHINE'
 - 10 - 12" GALIA 'SUNSHINE'
 - 11 - 12" GALIA 'SUNSHINE'
 - 12 - 12" GALIA 'SUNSHINE'
 - 13 - 12" GALIA 'SUNSHINE'
 - 14 - 12" GALIA 'SUNSHINE'
 - 15 - 12" GALIA 'SUNSHINE'
 - 16 - 12" GALIA 'SUNSHINE'
 - 17 - 12" GALIA 'SUNSHINE'
 - 18 - 12" GALIA 'SUNSHINE'
 - 19 - 12" GALIA 'SUNSHINE'
 - 20 - 12" GALIA 'SUNSHINE'
 - 21 - 12" GALIA 'SUNSHINE'
 - 22 - 12" GALIA 'SUNSHINE'
 - 23 - 12" GALIA 'SUNSHINE'
 - 24 - 12" GALIA 'SUNSHINE'
 - 25 - 12" GALIA 'SUNSHINE'
 - 26 - 12" GALIA 'SUNSHINE'
 - 27 - 12" GALIA 'SUNSHINE'
 - 28 - 12" GALIA 'SUNSHINE'
 - 29 - 12" GALIA 'SUNSHINE'
 - 30 - 12" GALIA 'SUNSHINE'

ALL SEED MIXES MUST BE PLANTING FROM THE END AND BEHIND PLANTS 60-80-1000

BIORETENTION BASIN SHALL BE 12" BELOW SURFACE OF FINISHED GRADE. CROSS SECTION SHALL BE AS SHOWN ON SHEET PLAN, 4" SIDE VIEW. BIORETENTION BASIN SHALL HAVE MINIMUM DIMENSIONS 1' DEEP AND 3' WIDE. BIORETENTION BASIN SHALL BE CONSTRUCTED AND MAINTAINED AS SPECIFIED IN THE 2008 ILLINOIS PLANTING BOOK, 2008 EDITION, MORE SPECIFICALLY IN VOL. 2, CH. 3, P. 25-27.

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DETAILS 1
MACOMBER & PIMENTAL PARK
BIMX PARK
GCG ASSOCIATES, INC.
WILMINGTON MASSACHUSETTS
SCALE: 1" = 20'
JOB NO./FILE NAME: DESIGNED BY: L.P.B.
DRAWN BY: L.P.B.
DATE: SEPT. 26, 2023
PLAN NO. 7 OF 8
2224-TOP-1000000-3 CHECKED BY: M.J.C.



GCG ASSOCIATES

CIVIL ENGINEERING & LAND SURVEYING
84 Main Street
Wilmington, MA 01887

Estimated Cost

Client: Town of Fairhaven

Project: BMX Park

Date: 26-Sep-2023

Item	Item Description	Units	Quan.	Unit Cost (\$)	Total Cost (\$)
DRAINAGE					
1A	8" RCP Drain	L.F.	280	\$75.00	\$21,000.00
1B	Mini Catch Basin	EA.	3	\$5,000.00	\$15,000.00
1C	4' Diameter Catch Basin	EA.	2	\$7,500.00	\$15,000.00
1D	Rain Garden	L.S.	1	\$25,000.00	\$25,000.00
EARTHWORK					
2A	Gravel Borrow Refill	C.Y.	3500	\$35.00	\$122,500.00
2B	Unclassified Excavation	C.Y.	1000	\$25.00	\$25,000.00
2C	Fine Grading	S.Y.	1400	\$20.00	\$28,000.00
PAVEMENT					
3A	1 1/2" Surface Course (Hand Work)	TON	100	\$300.00	\$30,000.00
3B	2" Intermediate Course (Hand Work)	TON	150	\$300.00	\$45,000.00
INCEDENTAL WORK					
4B	Loam and Seed	S.Y.	1000	\$25.00	\$25,000.00
4C	Straw Wattles	LF	555	\$15.00	\$8,325.00
LUMP SUM					
7A	Mobilization	L.S.	1	\$15,000.00	\$15,000.00
7B	Misc. Work	L.S.	1	\$15,000.00	\$15,000.00
				Subtotal	\$313,825.00
				10% CONTINGENCIES	\$31,382.50
CONSTRUCTION ADMINISTRATION/OBSERVATION					\$25,000.00
TOTAL CONSTRUCTION				Total	\$370,207.50