

AGENDA
Cascade Charter Township Parks Committee
Tuesday, May 16, 2023
8:00 am
5920 Tahoe Dr

- ARTICLE 1. Call the meeting to order**
Record the attendance
- ARTICLE 2. Approve the current Agenda**
- ARTICLE 3. Approve the minutes of the April 18, 2023 Regular Meeting.**
- ARTICLE 4. Acknowledge visitors and those wishing to speak to non-agenda items.**
(Comments are limited to three minutes per speaker.)
- ARTICLE 5. Introduce new Parks Director**
Comments from Melanie Manion, new Parks and Recreation Director.
- ARTICLE 6. Update on Millage Campaign**
Update from millage subcommittee and Township staff regarding next steps.
- ARTICLE 7. Grant Opportunities**
Presentation and discussion regarding potential grant opportunities.
- ARTICLE 8. Updates to Bylaws**
Review minor revisions made to Parks Committee bylaws.
- ARTICLE 9. Wycliffe Trailhead Park Update**
Discussion on drainage issues and revisiting park plan.
- ARTICLE 10. Cascade Rec Park Improvements and Moving Forward**
Review and discussion of next steps and process for an RFP for a park plan.
- ARTICLE 11. Old Business**
- Update on plan for adding trees at Rec Park
 - Update on Theule property and property off Spaulding
 - Update on discussions with Phil Skaggs
 - Update regarding Forest Hills Admin Building
- ARTICLE 12. Any Other Business**
- Dykema Excavating Properties
 - Update on process for new Parks Committee Member
- ARTICLE 13. Adjournment**

Meeting format

1. **Staff Presentation** *Staff report and recommendation*
2. **Project presentation-** *Applicant presentation and explanation of project*
 - a. **PUBLIC HEARINGS**
 - i. *Open Public Hearing. Comments are limited to five minutes per speaker; exception may be granted by the chair for representative speakers and applicants*
 - ii. *Close public hearing*
3. **Committee discussion –** *May ask for clarification from applicant, staff or public*

4. **Committee decision - Options**
 - a. *Table the decision*
 - b. *Deny*
 - c. *Approve*
 - d. *Approve with conditions*
 - e. *Recommendation to Township Board*

Minutes
Cascade Charter Township
Parks Committee Meeting
Tuesday, April 18, 2023
8:00 A.M
5920 Tahoe Dr. SE

ARTICLE 1. Chair Wanty called the meeting to order at 8:00 A.M.
Members Present: Chair Ginny Wanty, Mike Reese, Supervisor Grace Lesperance, Joe Engel, Matt Douglas
Members Absent: Eileen Boekestein
Others Present: Planning Director Hilbrands, Buildings and Grounds Supervisor Jim MacDonald and others listed on the sign-in sheet.

ARTICLE 2. Approve the current Agenda

Motion was made by Member Engel to approve the current agenda. Supported by Member Reese. Motion carried 5 to 0.

ARTICLE 3. Approve the minutes of the March 21, 2023, Regular Meeting.

Member Engel noticed an error in the last paragraph of Article 5 where there should be a period after "grants" and to take out the word "an".

Motion was made by Member Reese to approve the March 21 meeting minutes with the proposed change. Supported by Supervisor Lesperance. Motion carried 5 to 0.

ARTICLE 4. Acknowledge visitors and those wishing to speak to non-agenda items.

John Giddens, neighbor to the Wycliffe property, attended to hear of any development updates to the property.

ARTICLE 5. Library Outdoor Gathering Space

Library Manager Lulu Brown was not yet present, so this item was moved down the agenda until her arrival.

ARTICLE 6. Update on Millage Campaign

Member Reese presented an update and said they had concluded the amount and formulated the language to input onto the ballot. After the Parks Director has started the subcommittee will meet with her to review the language and budget numbers.

ARTICLE 5. Library Outdoor Gathering Space

Library Manager Lulu Brown gave an update on the outdoor gathering space details. Phase 1 has been approved by the Township Board and will be funded by the Friends group.

The landscaper with Native Edge has discovered invasive plant species at the site. Chair Wanty mentioned that Cascade Township has a contract with Kent Conservation District

Strike team for invasive treatments. Chair Wanty will connect Native Edge with KCD to create a plan to eradicate invasive plant species at the site of the Outdoor Gathering space.

Library Manager Brown advised that due to rising construction costs she is going to the DDA meeting to discuss additional funding options as well as the possibility of DDA funding the remaining phases. Library Manager Brown looks forward to having a continued partnership with the Parks Committee. Perhaps partnering to create educational programs and a volunteer program as well.

Member Engel asked if these plans will help keep water away from the building. Library Manager Brown responded by saying the rain and wildflower garden will help some, but the issue must be addressed further.

Member Reese suggested adding a drainpipe that takes excess water into a retention area.

Library Manager Brown said the project will hopefully begin in the fall of this year with an undetermined completion date because the individual phases are dependent on funding.

B&G Supervisor MacDonald indicated there would be a lot more maintenance needed to keep up with snow removal and he recommended looking into Snowmelt.

ARTICLE 7. Cascade Rec Park Improvements and Moving Forward

Chair Wanty compiled a list of potential improvements brought up by staff and committee members and included it in the packet.

Member Engel suggested members should figure out their priorities and bring them to the next meeting.

ARTICLE 8. Property Acquisition Template

Chair Wanty felt that after using the template, it may need some slight adjustments, particularly with respect to some of the category descriptions.

Supervisor Lesperance recommended directing staff to gather more details on the Forest Hills Admin building property and endorsed obtaining a more formal agreement (right of first refusal) for its acquisition.

Member Douglas left the meeting at 9:11 A.M.

Planning Director Hilbrands mentioned that the template seemed to work better for natural parks as opposed to recreational parks.

Supervisor Lesperance said the template is great, but suggested adding a footnote disclaimer acknowledging that the scoring is objective to the extent possible.

ARTICLE 9. Old Business

There was no old business to discuss.

ARTICLE 10. Any Other Business

Chair Wanty would like an update on a property off Spaulding since there has been no construction started yet.

Supervisor Lesperance said there is a developer looking to add an apartment building in Centennial Park off Charlevoix.

Chair Wanty asked if Phil Skaggs had reached back out, and Supervisor Lesperance said he seemed optimistic on finding money for the Burton Street pathway bridge.

ARTICLE 11. Adjournment

Motion was made by Member Engel to adjourn the meeting. Supported by Member Reese. Motion carried 4 to 0. The meeting adjourned at 9:33 A.M.

Respectfully submitted,

Joe Engel, Secretary

CASCADE CHARTER TOWNSHIP PARKS COMMITTEE

BY-LAWS AND RULES OF PROCEDURE (As amended, _____, 2023)

1. AUTHORITY

- 1.1. These rules of procedures are adopted by the Cascade Charter Township Parks Committee ("The Committee") pursuant to Public Act 267 of 1976, as amended, the Open Meetings Act, MCL 15.261 et seq. ("Open Meetings Act")

2. OFFICERS

- 2.1 *Selection.* At the January meeting The Committee shall select officers from its membership, including a chair, vice-chair and secretary. Each shall serve for a twelve-month period. The vice-chair may also hold the position of secretary.
- 2.2 *Duties.* The chair shall preside at all meetings and shall conduct all meetings in accordance with the rules referenced in section 4.9 of these bylaws. In the absence of the chair, the vice-chair shall act in the capacity of the chair. The secretary may execute documents in the name of The Committee and perform such other duties as The Committee may determine. The Cascade Township Parks and Recreation -Director shall serve as the recording secretary and shall be responsible for preparation of minutes, keeping of pertinent public records, delivering notices of public hearings, working with the chair on the preparation of meeting agendas, and performing related administrative duties to assure efficient and informed Committee operations.
- 2.3 *Tenure.* The officers shall take office immediately following their election. They are eligible for re-election one year after their selection, but may retain their office until successors are elected and assume office.
- 2.4 *Succession.* In the event of a vacancy in the office of the chair, the vice-chair shall succeed to the office of chair and will serve in that position until The Committee selects a new chair and vice-chair at the earliest practicable time.

3. MEMBERSHIP

- 3.1 *Membership.* The Committee shall consist of seven voting (7) members. All voting members shall be residents and qualified voters within Cascade Charter Township. One (1) member of the Township Board shall be on The Committee, with their term of service running concurrent with his/her service on the Township Board.

A representative of the Forest Hills Schools administration may serve as an ex-officio member of The Committee, for purposes of communicating common recreation needs to the township. This representative shall not have any voting privileges on The Committee.

- 3.2 *Terms.* Members of The Committee shall be appointed by the Township Supervisor with approval by the Township Board. The term of each member shall be for three (3) years and may extend only to one additional consecutive three (3) year term if reappointed by the Township Supervisor and Township Board. Members shall be appointed with

staggered terms, but members may continue to serve until their successors have been appointed.

- 3.3 *Vacancies.* In the event a member of The Committee can no longer serve because of health or any other reason, the Township Supervisor shall appoint, upon Township Board approval, another person to The Committee for that unexpired term. Should the unexpired term be two (2) years or longer it shall be considered a full term.

If a member moves outside of the jurisdictional boundaries of the Township, that shall constitute a resignation from The Committee, effective upon the date of such move.

- 3.4 *Member Attendance.* In the event a member cannot attend a meeting they shall inform the chair or recording secretary before 5:00 p.m. the day prior to the meeting. If a member has three (3) consecutive absences from regularly scheduled meetings or misses at least fifty (50) percent of the meetings within any twelve (12) month period, the member will be deemed inactive and removed from The Committee in accordance with section 3.5. The removal will be communicated to the member in writing by the chair, with notice to the Parks and Recreation Director and township supervisor.

3.5 *Removal.*

a. Reason for Removal – On recommendation of The Committee, members may be removed by the Township Board for 1.) non-performance of duty or misconduct in office or on written charges and after public hearing or, 2.) failure of a member to disqualify himself/herself from a vote in which he/she has a conflict of interest as set forth in section 3.5 b.

b. Conflict of Interest- A member may be excused from voting on a particular issue by majority vote of the remaining members present for reasons of a conflict of interest if:

- 1) The member has a direct financial interest in the outcome of the matter at issue; or
- 2) The matter at issue involves the member's business or place of employment; or
- 3) The member has such close personal ties to the applicant/issue that the member cannot reasonably be expected to exercise sound judgment in the public interest; or
- 4) Any other personal conflict of interest perceived by the Committee not listed above.

4. MEETINGS

- 4.1 *Meeting Notices.* All meetings shall be posted on the Cascade Charter Township website and at the Cascade Charter Township Hall in accordance with the Open Meetings Act. The notice shall include the date and time of the meeting.

- 4.2 *Regular Meeting.* Regular meetings of The Committee shall be held in accordance with the meeting schedule adopted by The Committee. At The Committee meeting in November the chair and the recording secretary shall submit to The Committee a proposed meeting schedule for the upcoming calendar year. At this meeting, the schedule shall be approved as submitted or amended to reflect the changes directed by The Committee. The dates and times shall be posted on the Cascade Charter Township website and at the Cascade Charter Township Hall in accordance with the Open Meetings Act. Any changes in the date or time of the regular meetings shall be posted and noticed in the same manner as originally established. When a regular meeting date falls on or near a legal holiday, The Committee may select alternate dates in the same month, in accordance with the Open Meetings Act.
- 4.3 *Special Meetings.* A special meeting may be called by two members of The Committee upon request to the secretary or to the chair. The business which The Committee may perform shall be conducted at a public meeting held in compliance with the Open Meetings Act. Public Notice of the time, date, and place of the special meeting shall be given in a manner as required by the Open Meetings Act, and the recording secretary shall send written notice of a special meeting to members not less than 48 hours in advance of the meeting.
- 4.4 *Quorum.* For The Committee to conduct business or take any official action, a quorum consisting of a majority of the voting members shall be present. When a quorum is not present, no official action except for closing of the meeting may take place. The members of The Committee may discuss matters of interest but can take no action until the next regular or special meeting. All public hearings without a quorum shall be scheduled for the next regular or special meeting and no additional public notice is required provided the date, time and place is stated at the meeting.
- 4.5 *Public Hearings.* Public hearings shall be scheduled when required by law, noticed, and conducted in accordance with the provisions of the Open Meetings Act.
- 4.6 *Motions.* Motions shall be restated by the Chair before a vote is taken. The name of the maker and supporters of the motions shall be recorded.
- 4.7 *Voting.* An affirmative vote of a majority of The Committee shall be required for the approval of any requested action or motion placed before The Committee. Voting shall ordinarily be voice vote; provided however that a roll call shall be required if requested by any member or directed by the Chair. All members including the chair shall vote on all matters, but the Chair shall vote last. Any member will be excused from voting if that person has a conflict of interest as described in section 3.4 and as recognized by the majority of the remaining members present. Any member abstaining from a vote shall not participate in the discussion of that item.
- 4.8 *Order of Business.* A written agenda for all regular meetings shall be prepared as follows. The order of business shall be:

Call to order
Roll Call

Approval of Agenda
Approval of Minutes
Public Comments and Communications
Old Business
New Business
Any Other Business
Adjournment

A written agenda for special meetings shall be prepared and followed, however the form as enumerated above shall not be necessary.

- 4.9 *Rules of Order.* All meetings of The Committee may be conducted in accordance with generally accepted parliamentary procedure, and as otherwise governed by “Robert’s Rules of Orders”.

5. MINUTES

- 5.1 The Committee minutes shall be prepared by or at the direction of the recording secretary. The minutes shall contain a brief synopsis of the meeting, including a complete restatement of all motions and recording of votes; complete statement of the conditions or recommendations made on any action; and recording of attendance. All communications, actions, and resolutions shall be attached to the minutes. The official records shall be annually deposited with the Township Clerk.

6. OPEN MEETINGS AND FREEDOM OF INFORMATION PROVISIONS

- 6.1 All meetings of The Committee shall be opened to the public and held in a place available to the public, in accordance with the Open Meetings Act.
- 6.2 All deliberations and decisions of The Committee shall be made at a meeting open to the public, in accordance with the Open Meetings Act.
- 6.3 A person shall be permitted to address The Committee in accordance with the Open Meetings Act and under the rules established by the Township for public comment at meetings. Public comment will be limited to three (3) minutes per person.
- 6.4 In accordance with the Open Meetings Act, a person shall not be excluded from a meeting of The Committee except for breach of the peace, committed at the meeting. This determination will be made by the chair or other officer presiding at the meeting.
- 6.5 All records, files, publications, correspondence, and other materials are available to the public for reading, copying, and other purposes are governed by the Freedom of Information Act, MCL 15.231 et seq.

7. BYLAWS AMENDMENTS

- 7.1 Recommendations for amendments to these bylaws may be made by The Committee pursuant to Section 4.7, and are subject to final approval by the Cascade Charter Township Board of Trustees.

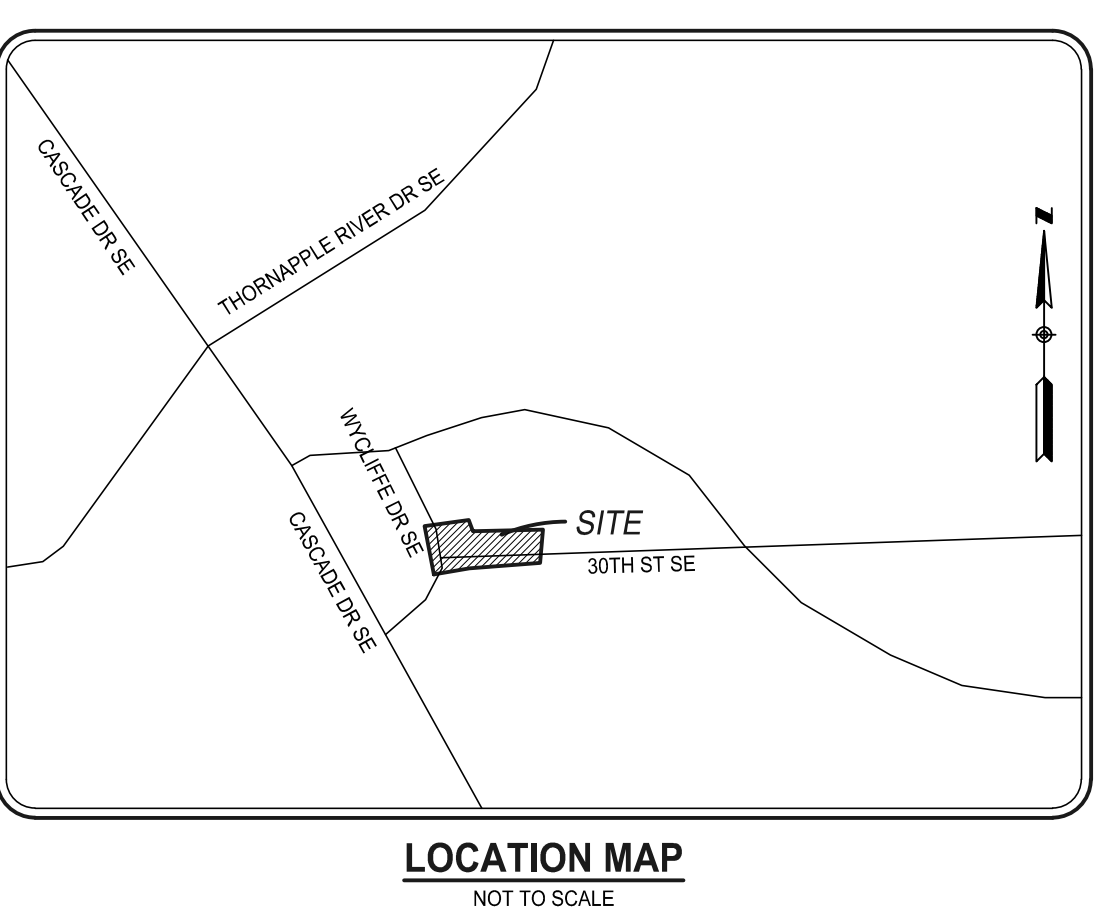
THESE AMENDED BY-LAWS AND RULES OF PROCEDURES HAVE BEEN ADOPTED BY THE CASCADE
CHARTER TOWNSHIP BOARD THIS __ DAY OF _____, 2023.

Sue Slater
Cascade Charter Township Clerk

Plotted: Apr 19, 2023, 4:52 PM by user: 922 - Saved: 4/19/2023 by user: 922
 J:\CC\Design\CC23004 - Wycliffe Drive\Survey\DWG\CC23004TPG.dwg

LEGEND

- MANHOLE
- ⊕ CATCH BASIN
- SEWER CLEAN OUT
- ⊕ GAS METER
- ⊕ GAS SHUT OFF VALVE
- ⊕ VALVE BOX
- ⊕ GATE VALVE & WELL
- ⊕ WATER SHUT OFF VALVE
- ⊕ FIRE HYDRANT
- ⊕ SPRINKLER VALVE BOX
- ⊕ LAWN SPRINKLER HEAD
- ⊕ UNVERIFIED MAPPED OBJECT
- ⊕ ELECTRIC RISER OR METER
- ⊕ TELEPHONE RISER
- ⊕ CABLE TV RISER
- ⊕ AIR CONDITION UNIT
- ⊕ UTILITY POLE
- ⊕ UTILITY POLE W/ LAMP EXTENSION (ARROW INDICATES DIRECTION OF ARM)
- ⊕ LIGHT POLE
- ⊕ LIGHT POLE WITH LAMP EXTENSION
- ⊕ TRAFFIC SIGNAL
- ⊕ POLE W/ TRAFFIC SIGNAL (OVER ROAD)
- ⊕ GUY WIRE
- ⊕ GROUND LEVEL / DECORATIVE LIGHTING
- ⊕ FLAG POLE
- ⊕ METAL OR CONC. POST
- ⊕ MAILBOX
- ⊕ SIGN
- ⊕ WATER FOUNTAIN
- ⊕ PARKING METER
- ⊕ BILLBOARD OR LARGE SIGN
- ⊕ BASKETBALL HOOP
- ⊕ BOULDER
- ⊕ STATUE OR SCULPTURE
- ⊕ BENCH
- ⊕ BIKE RACK
- ⊕ PICNIC TABLE
- ⊕ SOCCER GOAL
- ⊕ STUMP
- ⊕ DS-S DOWNSPOUT INTO STORM DRAIN
- ⊕ DS-G DOWNSPOUT TO GROUND
- ⊕ CONIFEROUS TREE
- ⊕ DECIDUOUS TREE
- ⊕ DECIDUOUS SHRUB
- ⊕ CONIFEROUS SHRUB
- ⊕ SECTION CORNER
- ⊕ TRAVERSE POINT
- ⊕ STRUCTURE NUMBER
- ⊕ SDA POINT NO.
- ⊕ SPOT ELEVATION
- ⊕ TC TOP OF CURB ELEVATION
- ⊕ CU CUTTER ELEVATION
- ⊕ TP TOP OF PAVEMENT ELEVATION
- ⊕ EM EDGE OF METAL ELEVATION
- ⊕ TW TOP OF WALK ELEVATION
- ⊕ TWALL BOTTOM OF WALL ELEVATION
- ⊕ BWALL BOTTOM OF WALL ELEVATION
- ⊕ GR GROUND ELEVATION
- ⊕ UG UNDERGROUND
- ⊕ FO FIBER OPTIC
- ⊕ CONC CONCRETE
- ⊕ ASPH ASPHALT
- ⊕ FF FINISH FLOOR ELEVATION
- ⊕ DL DOOR LEDGE ELEVATION
- ⊕ F.I FOUND IRON
- ⊕ F.M FOUND MONUMENT
- ⊕ F.P.K FOUND P.K. NAIL
- ⊕ S.I SET IRON WISDA CAP
- ⊕ S.P.K TAG SET P.K. NAIL WISDA TAG
- ⊕ S.P.K TAG SET P.K. NAIL WISDA TAG
- ⊕ MAG SET MAGNETIC NAIL
- ⊕ MAGTAG SET MAGNETIC NAIL WISDA TAG
- ⊕ M MEASURED
- ⊕ R RECORD
- ⊕ C CALCULATED
- ⊕ INV. INVERT ELEVATION
- ⊕ CMP CORRUGATED METAL PIPE
- ⊕ G GAS
- ⊕ SN SANITARY SEWER (SAN)
- ⊕ ST STORM SEWER (STM)
- ⊕ WM WATERMAIN (WM)
- ⊕ OH OVERHEAD WIRE
- ⊕ CS COMBINED SEWER
- ⊕ STE STEAM LINE
- ⊕ O OIL LINE
- ⊕ F UG FIBER (COMM.)
- ⊕ E UG ELECTRIC (ELEC.)
- ⊕ T UG PHONE (PH)
- ⊕ C UG CABLE (CBL)
- ⊕ CHAIN LINK FENCE (CL)
- ⊕ WOOD FENCE
- ⊕ IRON WIRE FENCE (IWF)
- ⊕ GUARD RAIL
- ⊕ EDGE OF BRUSHWOODS
- ⊕ CENTERLINE OF DITCH
- ⊕ CULVERT
- ⊕ MAJOR CONTOUR
- ⊕ MINOR CONTOUR
- ⊕ BOUNDARY LINES
- ⊕ ROW LINES
- ⊕ SECTION LINES
- ⊕ PROPERTY LINES
- ⊕ ASPHALT
- ⊕ CONCRETE
- ⊕ GRAVEL / DIRT / MULCH
- ⊕ BRICK / PAVERS
- ⊕ WATER
- ⊕ WATER W/ VEGETATION



BENCHMARK DESCRIPTIONS
DATUM: GPS-DERIVED NAVD88

SITE BM#100	NORTH BOLT ON HYDRANT LOCATED AT SOUTHWEST CORNER OF 30TH ST SE AND WYCLIFFE ST SE.	ELEV -699.46
SITE BM#101	NORTH BOLT ON HYDRANT LOCATED ON NORTH SIDE OF 30TH ST SE BETWEEN #7061 & #7091 30TH ST SE.	ELEV -704.95

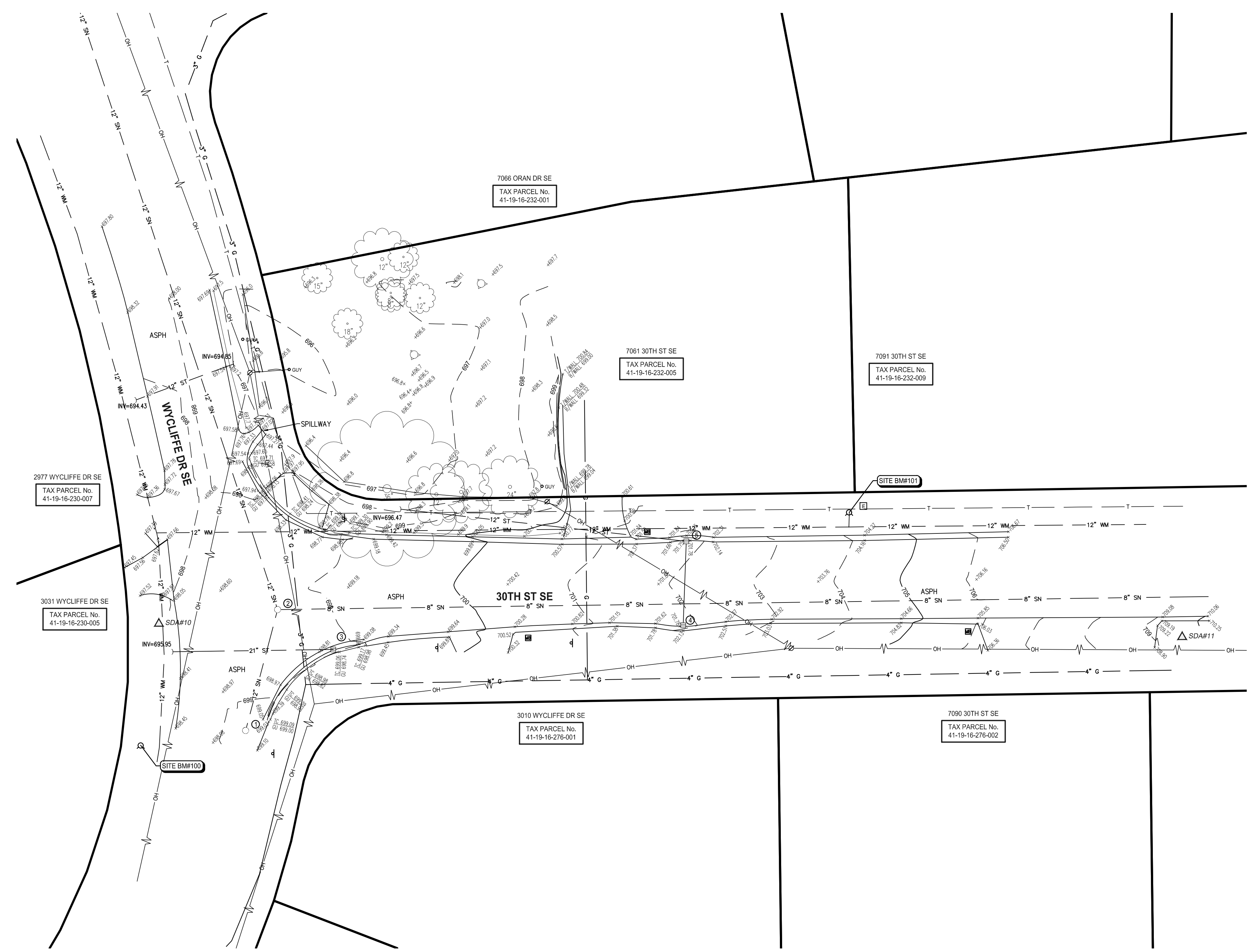
SURVEYOR'S COMMENTS

- THIS TOPOGRAPHICAL MAP IS BASED UPON A FIELD SURVEY PERFORMED BY SPALDING DEDECKER INC. DURING APRIL OF 2023.
- THE PROPERTY LINES/RIGHT-OF-WAY LINES SHOWN ON THIS TOPOGRAPHICAL SURVEY ARE INTENDED TO BE AN APPROXIMATE GRAPHICAL REPRESENTATION OF THE PROPERTY LINES. SPALDING DEDECKER HAS BASED THE PROPERTY LINES AND RIGHT-OF-WAY LINES ON THE LOCATION SHOWN ON THE EXISTING GIS AND LIMITED BOUNDARY EVIDENCE. VARIATIONS MAY EXIST BETWEEN THE EXISTING PROPERTY DESCRIPTION AS SHOWN AND THE GRAPHICAL LINES COMPUTED IN THE DRAWING. A COMPLETE PROPERTY LINE ANALYSIS IS NOT PART OF THE SCOPE OF SERVICES AND PROPERTY CORNERS HAVE NOT BEEN SET IN THE FIELD PER THE AGREED TO SCOPE OF SERVICES.
- THIS SURVEY HAS BEEN PREPARED WITHOUT THE BENEFIT OF A CURRENT TITLE SEARCH THAT WOULD IDENTIFY ANY RECORDED EASEMENTS THAT ENCUMBER THIS PROPERTY. THEREFORE, THIS PROPERTY MAY BE SUBJECT TO EASEMENTS, RIGHT-OF-WAY TAKINGS AND RESTRICTIVE COVENANTS THAT ARE NOT SHOWN.
- THE BASIS OF BEARINGS IS THE STATE PLANE GRID.
- THE COORDINATE SYSTEM FOR THIS SURVEY IS THE STATE PLANE COORDINATE SYSTEM, MICHIGAN SOUTH ZONE (2113), BASED ON NAD83 (NSRS2011). UNITS ARE INTERNATIONAL FEET. COORDINATES WERE ESTABLISHED USING A DATA LINK TO THE MDOOT CONTINUOUSLY OPERATING REFERENCE STATIONS (CORS).
- THE VERTICAL DATUM OF THIS SURVEY IS BASED UPON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAV88) AS ESTABLISHED WITH RTK GPS MEASUREMENTS USING A DATA LINK TO THE MDOOT CONTINUOUSLY OPERATING REFERENCE STATIONS (CORS).
- THE UTILITY INFORMATION SHOWN ON THIS SURVEY IS BASED UPON A COMBINATION OF RECORD INFORMATION AND FIELD MEASUREMENTS. A MISS DIG DESIGN TICKET NUMBER OF 2023041200855-000 HAS BEEN REFERENCED TO THIS PROJECT AND A UTILITY PROVIDER CHART IS SHOWN ON THIS DRAWING. THERE ARE NO ASSURANCES THAT ALL PROVIDERS HAVE RESPONDED AND THE SURVEYOR DOES NOT GUARANTEE THAT ALL UNDERGROUND UTILITIES ARE SHOWN AND/OR POSITIONED PROPERLY ON THIS DRAWING DUE TO AMBIGUOUS PLANS AND RECORDS PROVIDED TO US. THE INFORMATION SHOWN ON THIS DRAWING IS INTENDED TO BE USED AS A GUIDE FOR POSSIBLE UNDERGROUND UTILITY CONFLICTS. IT IS THE RESPONSIBILITY OF OTHERS TO RESOLVE THE ACTUAL LOCATION OF ANY UNDERGROUND UTILITY THROUGH THE MISS DIG FIELD VERIFICATION SYSTEM PRIOR TO ANY SITE EXCAVATION. CALL 811 OR 800-452-7171.

STRUCTURE TABLE

THE STRUCTURE TABLE ON THIS DRAWING IDENTIFIES THE AS-SURVEYED UNDERGROUND UTILITY MANHOLES THAT WERE FIELD MEASURED USING REASONABLE AND TRADITIONAL SURVEYING PRACTICES. PIPE SIZES, DIRECTIONS AND ELEVATIONS ARE INDICATED BY A COMBINATION OF FIELD EVIDENCE AND AVAILABLE RECORD INFORMATION. UNDERGROUND UTILITY PIPE SIZES AND CONNECTIONS ARE MANY TIMES AMBIGUOUS. SOME STRUCTURES MAY HAVE PIPES WITH UNKNOWN CONNECTIONS, SLUMPS AND / OR PIPES THAT ARE FILLED WITH DEBRIS. IT WILL BE UP TO THE DESIGN ENGINEER TO LOOK AT THE PRESENTED SURVEY RESULTS AND DECIDE IF FURTHER INVESTIGATION BY OTHER METHODS SUCH AS VACUUM CLEAN OUT, UNDERGROUND RADAR, SMOKE TESTING AND PHYSICAL EXCAVATION IS REQUIRED AS AN ADDITIONAL SERVICE.

#	TYPE	RIM	SIZE	MTRL	INVERT	DIRECTION	CONNECT
1	SANITARY MANHOLE	699.10	12"	RCP	685.10	NNE	2
	BOTTOM	685.20	12"		685.25	SSW	
2	SANITARY MANHOLE	698.64					
	COULD NOT OPEN						
3	SQUARE CATCH BASIN	698.74	21"		696.44	WEST	ES
	TOP / DEBRIS	696.44					
4	SQUARE CATCH BASIN	701.79	12"	RCP	698.39	EAST	
	FULL OF SILT	12"	RCP	698.29		NORTH	5
	TOP / DEBRIS	697.99					
5	SQUARE CATCH BASIN	701.72	12"	RCP	697.77	WEST	ES
	FULL OF SILT	12"	RCP	697.87		SOUTH	
	TOP / DEBRIS	697.72					



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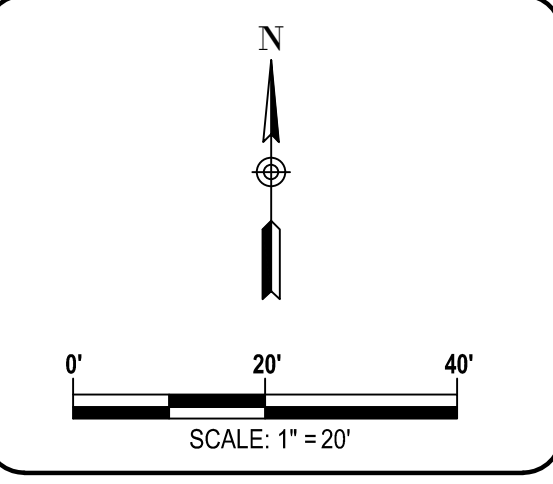
15 E. Baltimore St.
Detroit, MI 48202
Phone (313) 305-9120

27333 Meadowbrook Rd., Suite 210
Novi, MI 48377
Phone (248) 844-6274

400 Ann St. NW, Suite 204
Grand Rapids, MI 49504
Phone (616) 885-5804

313 N. Capitol Ave., Suite 100
Lansing, MI 48933

www.sda-eng.com
(800) 598-1600



CLIENT:
CASCADE CHARTER TOWNSHIP

811
Know what's below.
Call before you dig.

PRIOR TO CONSTRUCTION, ALL LOCATIONS AND DEPTHS OF EXISTING UTILITIES IN CONFLICT WITH PROPOSED IMPROVEMENTS SHALL BE VERIFIED IN THE FIELD. CALL MISS DIG'S WORKING DAYS PRIOR TO CONSTRUCTION.

UTILITY NOTE

UTILITY INFORMATION ON THIS DRAWING MAY BE FROM INFORMATION DISCLOSED TO THIS FIRM BY THE VARIOUS UTILITY COMPANIES, CITY/COUNTY AGENCIES AND OTHER VARIOUS SOURCES. UNDERGROUND UTILITIES WHICH ARE ON PRIVATE PROPERTY ARE USUALLY NOT DELINEATED UPON A UTILITY COMPANY'S PUBLISHED PLANS. THEIR LOCATION, IF SHOWN UPON THIS SURVEY, ARE APPROXIMATED FROM FOUND PAINT MARKERS, ETC. AS LOCATED BY THIS FIRM FROM SOURCES WHICH ARE UNKNOWN. NO GUARANTEE IS GIVEN AS TO THE COMPLETENESS OR ACCURACY THEREOF.

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WYCLIFFE DRIVE SE
CASCADE TWP, MI
TOPOGRAPHICAL SURVEY

SECTION 16
TOWN 06 NORTH RANGE 10 WEST
CASCADE TOWNSHIP
KENT COUNTY, MICHIGAN

NO.	DATE	REVISION

VERIFY SCALES
BAR IS ONE INCH ON ORIGINAL DRAWING
IF NOT ONE INCH ON THIS SHEET,
ADJUST SCALES ACCORDINGLY.

DRAFTER	DATE
N. POOLE	04-19-23
CHECKED	DATE
M. DEDECKER	04-19-23
FIELD LEADER	PROJECT SURVEYOR
E. ZANGER	M. DEDECKER
PROJECT MANAGER	DEPARTMENT MANAGER
M. DEDECKER	G. PLATZ
JOB NO.	DRAWING NO.
CC23004	CC23004TPG
SCALE:	SHEET NO.
1" = 20'	1 OF 1

List of Improvements Grouped in Categories for Cascade Rec Park

1. Maintenance Building

- Improvement-remodel maintenance garage to include a bathroom and space for generator. Adding office and conference room for Park Director
- Maintenance building needs refresh.
- What does maintenance staff need?
 - 6 foot tall door for lift truck
 - Storage of equipment
 - other

2. Landscaping

- add more trees
- boundary trees (native) along I96-Consumer Energy will provide 15 trees
- boundary trees (native) along entrance to park
- perimeter invasive maintenance/control
- An all-encompassing pollinator garden ringing the park as well as connecting areas to the interior throughout the frisbee golf area.
- Nicer welcoming entry. (Landscaping.)
- level out the uneven pavement bump/dip where the entry hits Thornapple River Dr.
- Improvement, integration, and access to wetland & natural area on south side of park
- turn existing storm water detention areas into rain gardens by planting with native plants and adding signage to make them into green infrastructure demonstration sites
- more shade near the playground
- Park entry Signage needs replacement, and a bed/landscaping.
- Water source/drip irrigation for trees

3. Dog Park

- more parking spots by dog park (we never can get a spot there!)
- more seating in the dog park and more shade there as well
- create winding path along inside of dog park. (Keeps people moving around so it's not a mob around the entrance. Holland dog park has something.)
- Add some trees, even if on outside of fence for a little shade.
- move the fence separating the large and small dog areas to create more room for the large dogs.
- Adding a streetlight or two in the large dog park area would be great.
- Adding a few solar-powered spotlights attached to the trees in the large dog side would help a lot. The lights would only need enough power to last an hour or two each night, so solar powered/battery lights would do the trick, so no need for hard wiring.
- Check with Madison regarding aggressive dog behavior problems and solution
 - More large trash cans outside of the dog area or change the trash more often-smell problems
 - Add off-leash prohibited signs to keep dogs running at large at bay.

4. Fields

- update soccer field and baseball fields
- strategic consideration of 'highest/best use' for currently designated baseball diamonds/soccer field

- If fields kept, reconstruction of same c/w industry standards and resident needs

5. Courts/Disc Golf/Frisbee Course

- Wind screens for tennis courts. (Like Hudsonville)
- Create multiple use interests, throughout the frisbee park
- revision of disc golf course (I have access to expert willing to volunteer)
- redo Disc golf course- based on feedback
- Plant native fruit trees throughout the frisbee area to increase the difficulty of the course (currently it is all grass, and I've seen many frisbee parks that are much more interesting because of the obstacles placed between the holes.
- Pickle ball courts: Posting general rules of etiquette. (Ada does this.). Also, a spot where you can place your paddles to reserve next available court. (Ada does this too.)
- Port-a-pottie location
- double number of pickle ball courts
- Wind screens created for pickle ball

6. Infrastructure

- infrastructure improvements per Jim McDonald's priorities
- as parking/road changes are made, consider green rather than gray infrastructure for stormwater management.
- additional bathrooms on west side of park
- pathway access from Thornapple River Drive (connect new pathway to existing Thornhills sidewalks)
- Expand three parking areas, consider permeable surfaces for all.
- Improve accessibility/wheelchair access to amenities.
- Improve drainage, integrating green infrastructure.
- Pavement from entry to big lot, especially at point where they meet at big lot. In disrepair and needs replacement.
- Gazebo Roof Replacement
- Gazebo electrical upgrades
- Add City Water, apparently necessary waterlines are getting close but not yet.
- Replace deteriorating Park pathways

7. OTHER such as Security

- Expand the playground with more unique play features and/or add a splash pad
- Review rental capacity/usage
- potentially add another pavilion
- multiple use interests, create other, low-cost improvement that will improve the visual aspects of this park...even some shallow water features?
- Upgrade Bathroom cameras as well as add more cameras in park
- Adding a streetlight or two in the large dog park area. Especially in Winter months, when it gets dark very early in Michigan. Would help with cars that have been broken into in the parking lots, so a light or two would really help people feel safe.
- Strategies for lighting and security cameras