

**ACME TOWNSHIP PARKS & TRAILS MEETING  
ACME TOWNSHIP HALL  
6042 Acme Road, Williamsburg MI 49690  
April 5th, 2018 5:00 p.m.**

**ROLL CALL:**

<b>Committee:</b>	<b>excused</b>	Feringa	x	Heflin	x	Heffner	x	Jenema
	x	Smith	x	Timmins	excused	Wentzloff		
<b>Advisory:</b>		Heinert		Kushman				
<b>Staff:</b>	<b>x</b>	Winter						

**A. PUBLIC COMMENT:** Brian Kelly -see attached letter

**B. APPROVAL OF AGENDA:** Motion to approve the agenda Timmins, 2nd. By Heflin  
Motion carries

**C. INQUIRY AS TO CONFLICTS OF INTEREST:**

**D. CORRESPONDENCE:**

**E. ACTION:**

1. Approve Parks & Trails Minutes 03/16/18- do to technical problems the approval of the 03/16/18 Park and trail meeting minutes is moved to the normal April meeting date.

**F. OLD BUSINESS:**

1. Bayside Park Updates

- a. Review bid package and proposed changes

Discussed the bid that the township received back from Elmers. Out of seven companies, Elmers is the only one to submit a bid back to the township. Jenema discussed how many of the contractors thought they would have to subcontract to many parts of the project, do to the complexity of it.

The committee discussed the \$160,765 difference in the money the township has to spend on the park and the actual bid price from Elmers. The committee went through the bid and decided what we as a committee thought it would be best to pull out of the plan for a future phase. With an eye to keeping cost in line with what the township can afford without losing the feel that the committee hopes the park will convey.

<b><u>Below Items removed from the bid;</u></b>	<b><u>Engineer est.</u></b>	<b><u>Actual bid price</u></b>
<b>1.08</b> Pavilion, removal and disposal	<b>\$2,400</b>	<b>\$5,000</b>
<b>1.28</b> Light Bollard	<b>\$9,000</b>	<b>\$1,200</b>
<b>1.29</b> Water service, ¾"	<b>\$4,000</b>	<b>\$13,200</b>
<b>1.31</b> beach retaining wall (thought a boulder Retaining wall would work well and cost less)	<b>\$18,750</b>	<b>\$25,625</b>
<b>1.33</b> Drinking fountain	<b>\$3,000</b>	<b>\$5,000</b>
<b>1.34</b> Foot wash station	<b>\$3,500</b>	<b>\$3,000</b>
<b>1.35</b> Bench installation	<b>\$1,000</b>	<b>\$3,000</b>
<b>1.36</b> Bike rack installation	<b>\$650</b>	<b>\$3,900</b>
<b>1.37</b> Adawalk beach Access Installation	<b>\$1,500</b>	<b>\$5,000</b>
<b>1.01</b> -shade shelter and installation/freight	<b>\$7,500</b>	<b>\$7,500</b>
<b>1.02</b> -Play structure(reduced) and Installation/freight	<b>\$31,000</b>	<b>\$31,000</b>
<b>1.03</b> -engineered wood fiber mulch	<b>\$3,000</b>	<b>\$3,000</b>

The committee discussed alternative funding options for the above projects.  
**Below Items were adjusted to leave money in the bid, but change the scope of the project, (written in red) \* all numbers left in are only estimates by the committee.**

<u>Item</u>	<u>Engineer est.</u>	<u>Bid Price</u>	<u>Amount Comm.left in the bid</u>
1.26 Deco.conc paving, 4"	\$4,840	\$6,380	\$2,380
- It was decided by the committee to use regular concrete to save cost			
1.27 Site electrical service	\$23,550	\$20,000	\$10,000
- committee opted to put trail lighting on hold and look into solar lights to cut down electrical cost.			

**The committee agreed unanimously with the proposed adjustments.**

**G. NEW BUSINESS:**

1. None

**H. PUBLIC COMMENT none**

**ADJOURN: Motion to adjourn at 6:24pm Timmins, 2nd. By Heflin**

To: Acme Township Parks and Trails Committee  
From: Brian Kelley

April 5, 2018

Good afternoon,

Thank you for all of your hard work and efforts on this park project. It is hard to imagine the number of hours you have contributed to the community to make this happen. You all bring unique experience and perspective.

I have followed your efforts on this project and at times reviewed the plans. So I was quite surprised by the extent of tree cutting on the site. It went beyond what I expected. It also greatly exposed the Shell gas station and two state highways.

Wanting to better understand this aspect of the project, I looked for a plan view that shows a survey of the trees. A survey view would note the location, species and size of all trees on the site, and identify those specifically slated for removal. As part of the review, specific efforts could be made to minimize tree removal, especially for key trees.

I would normally expect such a view to be part of any Acme development project, as a requirement for review and approval by the PC.

When I could not find a tree survey plan view, I contacted Zoning Admin Shawn Winter, who referred me to township Supervisor Jay Zollinger. He said such a view does not exist, and that this project need not comply with the township ordinance and project approval rules.

That was very troubling.

I know you all care very much about retaining trees on the site. So I would hope that tree removal, and efforts to minimize tree removal, would be something you would have had an opportunity to review in an open public meeting. But it appears you were not given that authority.

These are, of course, not trees on private property. They are trees owned by the public.

I am concerned about other ways that this project may not conform to the township ordinances, and planning and approval rules.

At the last meeting township resident Gordie LaPointe asked about detailed plan views for the project, as sent out for bid. They were not in the packet or minutes. I see they are still not in the packet. Since those plans exist, they should either be in the packet or on the township website. The plans are the primary way for the public to see your hard work before it is built, and to provide their input on the final design. It is concerning that they are not being shared electronically. They are not too large to put on the website.

In regard to the parking lot expansion, could the lot be gravel instead of asphalt? That would allow storm water infiltration, and a reduction in the required storm water basin area. That would improve water quality, something required by the Acme Master Plan. Such a reduction could preserve more trees on the site. Unfortunately those trees have already been cut. Perhaps a bit premature, don't you think? Will there be constructed wetland plantings as part of the storm water system? That too is an important water protection feature, an emphasis in the Master Plan.

I see from the bid response that further tree cutting is planned (bid items 1.06 and 1.07), and some of the trees are large (6" to 18" and 19" to 30"). Which trees specifically will be cut? What can be done to preserve those trees? Can pathways be moved slightly? We need to know which trees are proposed for removal.

The Acme Master Plan and community survey both emphasize the importance of protecting rural character. Trees are rural character, asphalt is not. I think it is your responsibility to review that tree cutting and determine whether it is essential, and how it can be minimized. Where can gravel and other materials be used instead of concrete and asphalt?

Where is the landscaping plan? What sort of vegetative buffers will preserve views, block the highway and gas station, and minimize highway noise?

Again, thank you for the tremendous effort you have all put into these park improvements.

Brian Kelley



**ACME TOWNSHIP PARKS & TRAILS MEETING  
 ACME TOWNSHIP HALL  
 6042 Acme Road, Williamsburg MI 49690  
 April 5th, 2018 5:00 p.m.**

**ROLL CALL:**

**Committee:**

	Feringa		Heflin		Heffner		Jenema
	Smith		Timmins		Wentzloff		
	Heinert		Kushman				
	Winter						

**Advisory:**

**Staff:**

**A. PUBLIC COMMENT:**

**B. APPROVAL OF AGENDA:**

**C. INQUIRY AS TO CONFLICTS OF INTEREST:**

**D. CORRESPONDENCE:**

**E. ACTION:**

1. Approve Parks & Trails Minutes 03/16/18

**F. OLD BUSINESS:**

1. Bayside Park Updates
  - a. Review bid package and proposed changes

**G. NEW BUSINESS:**

1. None

**H. PUBLIC COMMENT**

**ADJOURN:**

**ACME TOWNSHIP PARKS & TRAILS MEETING - MINUTES  
ACME TOWNSHIP HALL  
6042 Acme Road, Williamsburg MI 49690  
March 16<sup>th</sup>, 2018 8:30 a.m.**

**ROLL CALL:**

<b>Committee:</b>	excused	Feringa	x	Heflin	excused	Heffner	x	Jenema
	excused	Smith	x	Timmins	x	Wentzloff		
<b>Advisory:</b>		Heinert	x	Kushman				
<b>Staff:</b>	excused	Winter						

Also present was Jake from the land conservancy with two americorp volunteers

**PUBLIC COMMENT:**

**APPROVAL OF AGENDA: Motion to approve the agenda Timmins, 2nd. By Wentzloff  
Motion carries**

**A. INQUIRY AS TO CONFLICTS OF INTEREST:**

**B. CORRESPONDENCE:**

**C. ACTION:**

1. **Approve Parks & Trails Minutes 02/16/18-** Motion to approve the park and trail minutes from 2/16/18. Heflin, 2nd by Timmins Motion carries

**D. OLD BUSINESS:**

1. **Bayside Park Updates-** bid packages went out, an update was mailed to the committee by Klaus. Gordie LaPointe-6375 Plum Drive Williamsburg, Mi 49690- LaPointe wanted to know if there were any detailed plans for the park that showed exactly what the end product will be. Jenema explained that the township has sent out detailed plans to get the bid process started but that what the township ends up with will depends on the cost of the bid packages that come back. Jenema explained to LaPointe that the bid packages contain the detailed plans the township won't know exactly what it will be getting until the township hears back from contractors with the bids. Discussion followed on the scope of the bid packages.
2. **Trail Updates -** Kushman met with the Feast of Victory. The church will be signing the letter of commitment. The trail will run along the south end of the church property.
  - a. *Acme Connector Trail*
  - b. *TVC2CHX Trail* - Discussed Elk Rapids plans and the committee Elk Rapids is forming. **Motion by Wentzloff 2nd. By Heflin, to recommend Marcie Timmins to represent Acme township at the Elk Rapids connector trail meetings. Motion carries**
3. **Park System Signage** - leave on the agenda,
4. **Park Rules Ordinance** - Heflin went over the changes discussed at the February meeting. Cut down the definition of trail under section 2\*(need to listen to the tape to fill in correct wording.)

**Motion by Wentzloff 2nd. By Timmins to recommend to the board the approval of the revised Township park ordinance pending approval of legal review. Motion carries**

**Motion Wentzloff 2nd. By Heflin to support trail alignment of Saylor park and Winterwoods to share use of both facilities. Motion carries**

**E. NEW BUSINESS:**

1. None

**F. PUBLIC COMMENT none**

**ADJOURN: Motion to adjourn at 10:06 Timmins, 2nd. By Wentzloff  
Motion carries.**

No.	Item	Engineer's Est.	Elmer's Original Bid	Possible Areas to Cut
Base Bid: Part I - Site Work		Total	Total	Total
1.01	General Conditions and Mobilization	\$39,730	\$17,500	
1.02	Earthwork and Grading	\$40,000	\$50,000	
1.03	Fill, Class II	\$15,000	\$27,375	
1.04	HMA Surface, Rem.	\$13,020	\$6,510	
1.05	Concrete, Rem.	\$1,092	\$2,002	
1.06	Tree removal, 6 inch to 18 inch	\$1,600	\$1,400	
1.07	Tree removal, 19 inch to 30 inch	\$3,000	\$1,900	
1.08	Pavilion, Removal and Disposal	\$2,400	\$5,000	
1.09	3" HMA, 13A (Parking)	\$54,450	\$65,340	
1.1	22A Gravel Driveway, 6" CIP (Drive Exit at Shores Beach Ln.)	\$540	\$945	
1.11	22A Aggregate Base, 6" CIP (Parking)	\$25,212	\$36,768	
1.12	2" HMA, 13A (Trail)	\$10,950	\$12,848	
1.13	22A Aggregate Base, 6" CIP (Trail)	\$9,156	\$19,838	
1.14	Curb and Gutter, Conc., B2 MOD	\$12,920	\$22,440	
1.15	Gutter, Conc., Mod.	\$2,125	\$3,750	
1.16	Curb, Conc. Flush, 8"	\$4,740	\$10,863	
1.17	Crosswalk Landing, 6", Flush	\$4,800	\$6,600	
1.18	Parking Wheel Stop	\$3,538	\$9,150	
1.19	Spillway, Conc.	\$1,000	\$800	
1.2	Permeable Pavement	\$7,420	\$9,010	
1.21	Fieldstone Rip Rap, 6"-12"	\$2,000	\$3,700	
1.22	Boulders, 30"-36"	\$4,000	\$4,000	
1.23	Pavement Markings	\$1,200	\$3,000	
1.24	Sidewalk, Conc., 4"	\$38,675	\$39,130	
1.25	Sidewalk, Conc., Thickened Edge	\$2,720	\$5,576	
1.26	Decorative Conc. Paving, 4"	\$4,840	\$6,380	
1.27	Site Electrical Service	\$23,550	\$20,000	
1.28	Light, Bollard	\$9,000	\$1,200	
1.29	Water Service, 3/4"	\$4,000	\$13,200	
1.3	Culvert, 12"	\$510	\$2,040	
1.31	Beach Retaining Wall and Cap	\$18,750	\$25,625	
1.32	Beach Sand, Overlay	\$2,900	\$4,698	
1.33	Drinking Fountain	\$3,000	\$5,000	
1.34	Foot Wash Station	\$3,500	\$3,000	
1.35	Bench, Installation	\$1,000	\$3,000	
1.36	Bike Rack, Installation	\$650	\$3,900	
1.37	Adawalk Beach Access, Installation	\$1,500	\$5,000	
1.38	Road Maintenance Gravel	\$1,500	\$2,000	
1.39	Site Irrigation System	\$18,000	\$18,750	
1.4	Crushed Limestone Agg., 6" CIP (Trail Exit at Shores Beach	\$1,350	\$594	
1.41	Sidewalk Channel Drain	\$3,500	\$5,000	
1.42	Restoration and Establishment	\$10,000	\$22,500	
<b>Base Bid: Part I Total</b>		<b>\$408,838</b>	<b>\$507,331</b>	

No.	Item	Total	Total
Base Bid: Part II - North Driveway Opening		Total	Total
2.01	Temporary Traffic Control	\$6,500	\$10,000
2.02	HMA Surface, Rem.	\$432	\$792
2.03	Curb and Gutter, Rem.	\$948	\$1,264
2.04	3" HMA, 13A	\$1,350	\$1,620
2.05	22A Aggregate Base, 6" CIP	\$648	\$1,134
2.06	Curb and Gutter, Conc., B2	\$3,360	\$5,110
2.07	Gutter, Conc.	\$1,540	\$2,135
2.08	Stm. Structure, Casting Replacement	\$2,000	\$1,650
2.09	Reinforced, Conc. 6"	\$432	\$1,035
<b>Base Bid: Part II Total</b>		<b>\$17,210</b>	<b>\$24,740</b>

<b>Project Total (Part I and II)</b>	<b>\$426,048</b>	<b>\$532,071</b>
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Additional Project Bid Packages (Estimates)						
	Qty.	Unit	Unit Price (Estimate)	Item Total	Future Phase	
1.01	Shade Shelter and Installation/Freight	1 Ea	\$7,500	\$7,500		10% for install and freight
Future	Shade Shelter and Installation/Freight (North)	1 Ea	\$7,500		\$7,500	10% for install and freight
1.02	Play Structure (reduced) and Installation/Freight	1 Ls	\$31,000	\$31,000		10% for install and freight
Future	Play Companions and Installation/Freight	1 Ls	\$20,020		\$20,020	10% for install and freight
1.03	Engineered Wood Fiber Mulch	75 Cyd	\$40	\$3,000		12" Depth
1.04	Rubberized Edging	0 Lf	\$15	\$0		
<b>Playground Package Total</b>				<b>\$41,500</b>	<b>\$27,520</b>	

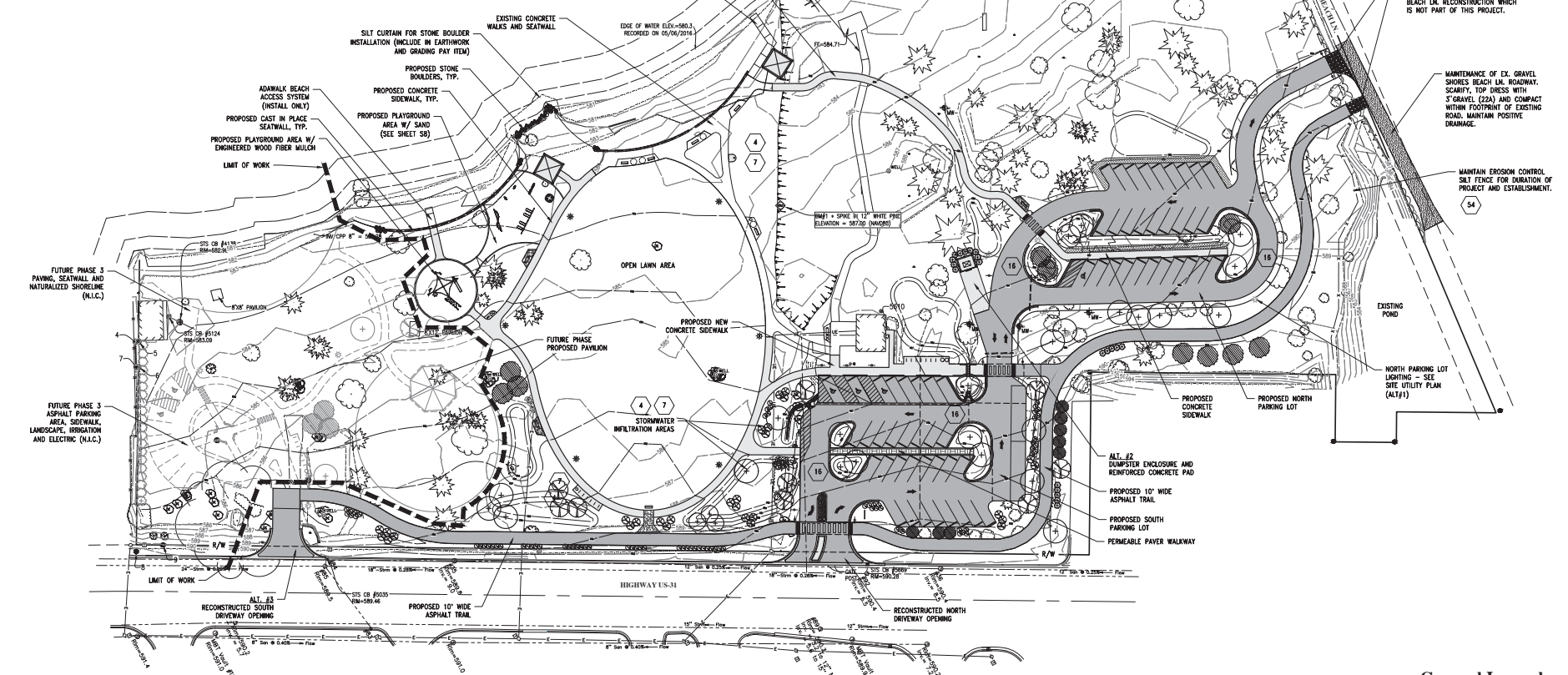
Signage Package (Separate PSB)						
1.01	Signage	1 Ls	\$4,000	\$4,000		
<b>Signage Package Total</b>				<b>\$4,000</b>		

Landscaping Package (Separate PSB)						
1.01	Landscaping	1 Ls	\$18,000	\$18,000		
Future	Landscaping, South Side	1 Ls	\$10,000		\$10,000	
Future	Irrigation System (South Side)	1 Ls	\$10,000		\$10,000	
<b>Landscaping Package Total</b>				<b>\$18,000</b>	<b>\$20,000</b>	

ACME BAYSIDE PARK - EXPECTED & INCURRED COSTS (4/2/18)	
Engineering PE/CE as of 4/03/18	\$ 75,917
Engineering to Complete	\$ 15,000
Tree Removal	\$ 19,000
Elmer's	\$ 532,071
Playground Package	\$ 41,500
Signage Package	\$ 4,000
Landscape Package	\$ 18,000
Township Purchases*	\$ 28,050
<b>Sub-Total</b>	<b>\$ 733,538</b>
Contingency (5%)	\$ 36,677
Bench Donation Program	\$ (9,450)
<b>Overall Project Total</b>	<b>\$ 760,765</b>
*TOWNSHIP PURCHASES INCLUDE: - Consumers Site Electrical Service Upgrades = \$1,200 (Estimated) - Bench w/Back = \$12,000 (5 ea) - Bench, backless = \$2,000 (1 ea.) - Bike Rack = \$1,750 (7 ea.) - Trash Receptacle Bin = \$3,000 (3 ea.) - Recycle Receptacle Bin = \$1,000 (1 ea.) - ADA-walk Beach Access = \$3,600 - Beach Transfer Seat = \$3,000	
** PRICES DO NOT INCLUDE COST FOR TOWNSHIP INSTALLATION OF BENCHES, ADAWALK, TRASH/RECYCLE RECEPTACLE, ETC.	



# APPROVED OVERALL PLAN ISSUED FOR BID



## OVERALL PROJECT PLAN

SCALE: 1" = 40'

**SOIL EROSION & SEDIMENTATION CONTROL MEASURES CONTROL MEASURES PER MICHIGAN UNIFIED KEYING SYSTEM**

4	VEGETATIVE STABILIZATION EROSION MATTING
7	HYDROSEEDING (TURF GRASS & NATIVE SEED)
16	CURB AND GUTTER
54	SILT FENCE

### BENCHMARK

BM#1 (BENCH MARK)  
SET SPIKE 1/2" WHITE PINE  
EL.=547.00 (NAVD 83)

PART OF GOVERNMENT LOT 1  
SECTION 3, TOWN 27 NORTH, RANGE 10 WEST  
ACME TOWNSHIP, GRAND TRAVERSE CO., MI.

### Survey Legend

1. BEARINGS ARE RELATED TO PREVIOUS SURVEYS.
2. ALL DIMENSIONS ARE IN FEET AND DECIMALS THEREOF.
3. ELEVATIONS ARE BASED ON NAVD 1989.
4. ELEVATION CONTOUR INTERVAL IS 1 FEET.
- ⊕ - INDICATES 1/2" RE-ROD FOUND, OR AS NOTED
- ⊙ - INDICATES CONCRETE MONUMENT FOUND, OR AS NOTED

### General Notes

1. ALL DISTURBED AREAS SHALL BE RESEEDED AND ESTABLISHED IN ACCORDANCE WITH PROJECT AND S.E.S.C. REQUIREMENTS. STRAW EROSION CONTROL MATTING SHALL BE USED IN ALL SEEDING AREAS INDICATED ON PLANS, AT A MINIMUM, AND IN ALL AREAS SUSCEPTIBLE TO WIND EROSION FROM EAST GRAND TRAVERSE BAY. CONTRACTOR SHALL COMPLY WITH ALL PERMITS AND SPECIAL REQUIREMENTS INCLUDING BUT NOT LIMITED TO GRAND TRAVERSE COUNTY SOIL EROSION AND SEDIMENT CONTROL, MDOT, GRAND TRAVERSE COUNTY ROAD COMMISSION.
2. PROTECT ALL TREES AND SHRUBS NOT SCHEDULED FOR REMOVAL AS INDICATED ON PLANS. DO NOT OPERATE EQUIPMENT, STORE, STOCKPILE, OR PARK WITHIN DRIPLINE (DIAMETER OF CANOPY) OF TREES TO MINIMIZE SOIL COMPACTION AND PROTECT ROOT ZONE OF TREE. PROVIDE SILT FENCE BARRIER AROUND TRIP LINE OF TREES WHERE INDICATED ON PLANS. HOLD NECESSARY DISTURBANCE TO A MINIMUM.
3. CONTRACTOR TO PROVIDE FINAL LOCATION OF STOCKPILE, MATERIAL AND MACHINERY STAGING AREAS AND GET APPROVAL FROM LANDSCAPE ARCHITECT AND OWNER PRIOR TO COMMENCING WORK ON-SITE. CONTRACTOR WILL ENSURE ADEQUATE EROSION CONTROL MEASURES NOT LIMITED TO SILT FENCE INSTALLATION. DO NOT STRIP TOPSOIL FROM AREAS TO BE RESTORED WITH NATIVE SEED EXCEPT IF DISTURBED BY EARTHWORK OR FOR NEW RETENTION AREAS AS INDICATED ON THE PLANS.
4. DO NOT OPERATE HEAVY MACHINERY BELOW SHORELINE UNLESS APPROVED BY THE PROFESSIONAL.
5. THE CONTRACTOR WILL BE HELD RESPONSIBLE FOR DAMAGE TO ITEMS NOT SCHEDULED FOR REMOVAL.
6. CONTRACTOR TO USE DISCRETION FOR RE-USE OF AGGREGATE BASE MATERIAL. IF CONTRACTOR DECIDES TO REUSE CRUSHED ASPHALT OR EXCAVATED BASE AGGREGATE IN PLACE OF NEW BASE MATERIAL, INSTALLATION WILL BE COMPLETED IN ACCORDANCE WITH PLANS, DETAILS AND SPECIFICATIONS. BASE MATERIAL WILL MEET OR EXCEED ALL TESTING REQUIREMENTS AS INDICATED IN SECTION 01410 OF THE CONSTRUCTION SPECIFICATIONS.
7. TOP SOIL AND RESEED ALL AREAS DISTURBED BY CONSTRUCTION ACTIVITIES. REFER TO PLANS FOR SPECIAL AREAS TO RECEIVE NATIVE SEED MIXES OR NO-MOW FESCUES.
8. TOPOGRAPHIC INFORMATION FOR SITE PROVIDED BY GOSLING CZUBAK ENGINEERING SCIENCES, INC.
9. PRIOR TO CONSTRUCTION, REMOVE AND SALVAGE ALL ITEMS AS INDICATED ON PLANS OR AS DIRECTED BY THE PROFESSIONAL OR OWNER.
10. COORDINATE ELECTRICAL, STORM, SANITARY AND WATER SERVICE, MODIFICATIONS, DISTRIBUTION, REMOVALS WITH APPROPRIATE LOCAL UTILITY COMPANY. ALL APPROVALS SHALL BE OBTAINED PRIOR TO WORK WITHIN EXISTING ROAD RIGHT OF WAYS. NO WORK SHALL BE PERFORMED ON PROPERTY BELONGING TO OTHERS WITHOUT PRIVATE PROPERTY OWNER AND OWNER CONSENT.

### General Legend

	PROJECT LIMITS
	EDGE OF WATER
	EX EDGE OF GRAVEL
	EX EDGE OF CONCRETE
	EX OVERHEAD ELECTRIC
	EX CONCRETE CURB
	EX WOOD BOLLARD
	EX CONIFEROUS TREE
	EX DECIDUOUS TREE
	PROPOSED EDGE OF ASPHALT/CONCRETE
	PROPOSED EDGE OF GRAVEL
	PROPOSED INF-RAP / ROCK SPILLWAY
	PROPOSED OVERHEAD LIGHT
	PROPOSED BOLLARD LIGHT
	EXISTING CONTOUR
	PROPOSED CONTOUR
	PROPOSED WALL
	PROPOSED STONE BOULDER

### Surfacing Symbol Legend

	CONCRETE PAVING
	ASPHALT PAVING
	PERMEABLE PAVEMENT
	PROPOSED LANDSCAPE PLANTINGS



THE LOCATION OF THE EXISTING UTILITIES, AS SHOWN ON THIS PLAN, ARE APPROXIMATE ONLY. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ACTUAL LOCATION AND DEPTH OF ALL EXISTING UTILITIES. THE OWNER AND THE SURVEYOR SHALL NOT BE RESPONSIBLE FOR ANY OMISSION OR VARIATION FROM THE LOCATION SHOWN. THE CONTRACTOR SHALL NOTIFY "811" AT 1 (800) 485-7171 OR 811 THREE (3) WORKING DAYS PRIOR TO THE START OF CONSTRUCTION.

PROJECT NO. 2017300001.01  
SHEET 52

DATE: 03/02/18  
SCALE: AS NOTED

DESIGNED BY: KRM  
CHECKED BY: KCH

DATE: 03/02/18  
SCALE: AS NOTED

PROJECT NO. 2017300001.01  
SHEET 52

PROJECT NO. 2017300001.01  
SHEET 52

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SHEET 52