

# 2023 PARKING LOT SEALCOATING AND STRIPING RFP

DEPARTMENT OF PUBLIC WORKS & ENGINEERING

CHARTER TOWNSHIP OF MERIDIAN

INGHAM COUNTY, MICHIGAN

### 2023 Parking Lot Sealcoating and Striping RFP

### **Purpose**

Meridian Township is requesting proposals to fully sealcoat and stripe seven separate municipal parking lots in Meridian Township:

Municipal Complex Parking lots: 5151 Marsh Rd, Okemos, MI 48864 (15,000 SY) Service Center Parking lots: 2100 Gaylord C Smith Ct, Haslett, MI 48840 (3,600 SY) North Fire Station Parking lot: 2140 Haslett Rd, Haslett, MI 48840 (860 SY) Central Fire Station Parking lot: 5000 Okemos Rd, Okemos, MI 48864 (1,700 SY) South Fire Station Parking lot: 3711 Okemos Rd, Okemos, MI 48864 (480 SY) Okemos Library Parking lot: 4321 Okemos Rd, Okemos, MI 48864 (3,430 SY) Glendale Cemetery drives: 2500 Mount Hope Rd, Okemos, MI 48864 (5,100 SY)

### Scope of Work

Perform asphalt preventative maintenance on seven parking lots by applying a full sealcoat, with parking lot striping last. **The total surface area is approximately 30,170 SY.** Please refer to the next page for specifications. Please refer to the enclosed plans on pages 13-27 for the work limits and striping plans. Your bid should include temporary removal and replacement of parking lot bumper blocks as needed to complete the sealing and striping work.

### **Rights Reserved by the Township**

The right is reserved by the Owner to reject any and all bids, to award the Contract to other than the low bidder, to award separate Contracts for each project and/or phase, to waive irregularities and/or formalities, and in general, to make award in any manner deemed by it, in its sole discretion, to be in the best interest of the Owner.

### **Deadlines**

Submission of RFP: Friday, August 11, 2023 by 11 a.m. Completion of all work under the contract: Friday, November 1, 2023 by 5:00 p.m.

### **Further Information**

For further information, please contact:

Dan Opsommer
Deputy Township Manager
Director of Public Works and Engineering
opsommer@meridian.mi.us

Proposals may be submitted via email to <a href="mailto:opsommer@meridian.mi.us">opsommer@meridian.mi.us</a>, or a hard copy delivered to Meridian Township, Department of Public Works, 5151 Marsh Road, Okemos, MI 48864. For hard copies, furnish the original proposal in an envelope with the company name and the following listed on the outside of the envelope: "2023 Parking Lot Sealcoating and Striping RFP".

### **Specifications**

### A. Sealant

- 1. Material: Asphalt-based sealant only <u>coal tar-based sealant not allowed under the Township's</u> <u>ordinance</u>.
- 2. Follow all of the Manufacturer's recommendations regarding fogging and priming of the substrate, as well as dilution of the sealant.
- 3. Apply the sealant only when the ambient temperature is above 50°F.
- 4. Do not apply the sealant over wet pavement. Do not apply the sealant when precipitation is imminent.
- 5. Prepare the pavement surface for sealant application, including treating any grease or oil patches, spillages, or other contaminants that could adversely affect the sealcoat.
- 6. Remove all debris, dirt, sand, and dust from the pavement immediately prior to sealing. Maintain pavement in a clean condition until sealing is complete.

### B. Pavement Marking

- 1. Material: Latex traffic marking paint.
- 2. Use four (4) inch wide stripes for all linear pavement markings, unless otherwise noted.
- 3. Use white for all striping (including the "RESERVED" marking), except for the accessible parking spaces. For these spaces, use blue traffic marking paint.

### **Scheduling**

### A. Days

1. Municipal Complex: Work may take place Monday-Friday after 6 p.m. and all day on Saturday and Sunday. Specific exclusions include:

### **Recurring Events**

- 7/19, 8/16, 9/20, 10/18 6:30pm-8:30pm (Zoning Board of Appeals Meeting)
- 7/20, 9/21 6pm-8pm (Transportation Commission Meeting)
- 7/24, 8/14, 8/28, 9/11, 9/25, 10/9, 10/23 6:30pm-8:30pm (Planning Commission Meeting)
- 7/25, 8/1, 8/15, 9/5, 9/19, 10/3, 10/17 6pm-8pm (Township Board Meeting)
- 8/2, 9/6, 10/4 7pm-9pm (Environmental Commission Meeting)
- 8/8, 9/12, 10/10 5:30pm-7pm (Lake Lansing Advisory Committee Meeting)
- 8/9, 9/13, 10/11 6pm-8pm (Land Preservation Advisory Board Meeting)
- 9/13, 10/11 6pm-8pm (Community Resources Commission Meeting)
- 9/13 6pm-9pm (Communications Commission Meeting)
- 2. Service Center: Work may take place Monday-Friday after 5 p.m. and all day Saturday and Sunday. Specific exclusions include:

### **Recurring Events**

- 9/9, 9/13, 10/11 6pm-8pm (Land Preservation Advisory Board Meeting) Single Events
- 10/18 5pm-7pm (Seed Sorting Party)
- 3. Okemos Library: Work may take place on Sundays between 6 and 11 a.m. The library opens at Noon on Sundays. Therefore, any products that are applied need to cure before 11:45 a.m.
- 4. Glendale Cemetery: Work shall NOT take place on Mondays. The Owner and Contractor will schedule one day when the Cemetery will be closed for this work to occur.

- 5. Central Fire Station: Work may take place Monday-Friday after 6 p.m. and all day on Saturday and Sunday. Specific exclusions include
  - 7/19, 9/20, 6pm-8pm (Corridor Improvement Authority Meeting)
  - 8/8, 9/12, 10/10 4:30pm-6:30pm (Park Commission Meeting)

### B. Phasing

- 1. Municipal Complex: In order to maintain continuous access for the Police Department, the Municipal Complex must be completed in two phases: north and south. Limits of north and south phasing can be discussed and finalized by the Owner and Contractor after the contract is awarded.
- 2. Okemos Library: Work will need to occur in phases due to the limited hours in which this parking lot can be worked on. Please refer to A.3. for information regarding when work may occur on this parking lot.
- 3. Central Fire Station: In order to maintain continuous access for the Fire Department, the Central Fire Station must be completed in two phases:

Phase I: Half of the service drive and the south parking lot.

Phase II: The second half of the service drive and the east parking lot.

### C. Notification to Owner

In order to coordinate parking and ensure an open work area, the Contractor must notify the Owner a minimum of five (5) business days prior to starting work. The Contractor must notify the Owner a minimum of 14 days prior to starting work in the Glendale Cemetery.

### **Contractor's Responsibility for Examining the Site**

Each bidder will be presumed to have made a site investigation of the work area and of existing conditions, and to have read and be thoroughly familiar with the specifications and RFP documents (including all addenda). They shall determine to their own satisfaction the conditions to be encountered, difficulties, and related factors involved in completing the work.

### **Insurance**

The Contractor shall not commence work under this Contract until they have obtained all the insurance required under this section and such insurance has been approved by the Owner, nor shall the Contractor allow any subcontractor to commence work on their subcontract until all similar insurance required of the subcontractor has been so obtained and approved. Contractors and subcontractors are required to file with the Owner completed certificates of insurance, as evidence that they carry adequate insurance to comply with the requirement of this section. New Certificates of Insurance shall be furnished to the Owner at the renewal date of all policies named on these certificates.

### A. Policies, Coverages and Endorsements

The Contractor agrees to maintain, or to cause its personnel providing services under this Contract to maintain, at its sole cost and expense or the cost and expense of his personnel, the following insurance policies, with the specified coverages and limits, to protect and insure the Owner and Contractor against any claim for damages arising in connection with Contractors responsibilities or the responsibilities of Contractors personnel under this Contract and all extensions and amendments thereto.

### 1. Commercial General Liability

a. General Aggregate \$2,000,000b. Each Occurrence \$1,000,000

Such insurance shall include, but not be limited to, coverage for:

Comprehensive form Premises-operations Explosion and collapse has

Comprehensive form, Premises-operations, Explosion and collapse hazard, Underground hazard, Products/completed operations hazard, Contractual insurance, Broad form property damage, Independent contractor, Personal injury

### 2. Workers' Compensation & Employer' Liability (if applicable)

a.	Medical & Indemnity	Statutory Requirements
b.	Bodily Injury by Accident	\$500,000 Each Accident
c.	Bodily Injury by Disease	\$500,000 Each Employee
d.	Bodily Injury by Disease	\$500,000 Policy Limit

e. Employers Liability \$500,000

### 3. Automobile Liability

Including hired and non-owned Automobiles \$1,000,000 (Combined Single Limit) Such insurance shall include, but not be limited to, coverage for: Comprehensive form, Owned vehicles, Hired vehicles, Non-owned vehicles

### B. Owner's Protective Liability

The Contractor shall procure and shall maintain during the life of this Contract Owner's/Contractor's Protective Liability Insurance, listing the Owner as the named insured. The minimum limit of liability shall be not less than \$1,000,000.00 per occurrence/aggregate.

### C. Insured Parties

All policies shall contain a provision naming the Owner (and its officers, agents and employees) as Additional Insured parties on the original policy and all renewals or replacements during the term of this Contract.

### D. Acceptable Insurance Companies

All insurance companies required by this section shall be: 1) acceptable to the Owner; 2) authorized to do business in the State of Michigan by the Michigan Department of Licensing & Regulatory Affairs Office of Financial and Insurance Regulations, and 3) have an A.M. Best Company's Insurance reporting rating of no less than A- (Excellent). Upon request, the Contractor shall submit evidence of such insurance.

### E. Indemnification and Hold Harmless

The Contractor shall, at its own expense, protect, defend, indemnify and hold harmless the Owner and its elected and appointed officers, employees, and agents from all claims, damages, costs, lawsuits and expenses, including, but not limited to, all costs for administrative proceedings, court costs and attorney fees that they may incur as a result of any acts, omissions, or negligence of the Contractor, its subcontractors, subsubcontractors or any of their officers, employees, or agents. This includes but is not limited to injury or death to any person or persons, including the contractors employees, and damage to property. The furnishing by the Contractor of any insurance required by this Contract, or the acceptance or approval thereof by the Owner as provided in this Contract, or otherwise, shall not diminish the Contractor's obligation to fully indemnify the Owner, its elected and appointed officers, employees, and agents as required in this section.

The Contractor shall not cancel or reduce the coverage of any insurance required by this section without providing 30-day prior written notice to the Owner. All such insurance must include an endorsement whereby the insurer shall agree to notify the Owner immediately of any reduction by the Contractor. The Contractor shall cease operations on the occurrence of any such cancellation or reduction, and shall not resume operations until new insurance is in force.

### **Criteria for Selection**

The following factors will be taken into consideration in the selection process:

- 1. Qualifications of the firm and individuals responsible for the work
- 2. Experience with similar projects
- 3. Price

### **Payments to the Contractor**

The Contractor shall submit monthly invoices covering work completed to date to the Owner. Each invoice requesting payment shall be accompanied by a statement certifying that all bills for labor and materials have been paid up for all previous pay requests.

The acceptance by the Contractor of payment on the final progress payment request shall be conclusive evidence of Contractor's acceptance and approval of estimates, accounting and deductions, and of full payment by the Owner for all work, labor, materials and services done or furnished hereunder, and a full satisfaction, discharge, release and waiver of all claims and demands of or on behalf of the Contractor, its agents or employees against the Owner arising out of this agreement.

### **Other Information**

- 1. Addenda: In the event it is necessary to revise any part of the request for proposals, addenda will be provided to all who received the request.
- 2. Freedom of Information Act: Responses and contents therein may be eligible for review under the FOIA.
- 3. Acceptance: The contents may become an obligation if a contract results. The proposal will be incorporated by reference into any resulting contract to the extent accepted by the Township.
- 4. Contract Compliance: The selected firm will comply with all relevant requirements of Meridian Township.
- 5. There is no expressed or implied obligation by the Township to reimburse any expenses incurred in responding to the Request for Proposals.

Refer to the next page for the Bit Tab

# BID TAB 2023 Parking Lot Sealcoating and Striping RFP

The undersigned, as a bidder, hereby declares that this bid is made in good faith, without fraud or collusion with any person or persons bidding on the same Contract, that he/she has read and examined the "2023 Parking Lot Sealcoating and Striping RFP" and understands all of the same. In submitting this proposal, it is understood that the right is reserved by the Owner to reject any or all bids, to award the Contract to other than the low bidder, to award separate contracts for each project and/or phase, to waive irregularities and/or formalities, and in general, to make award in any manner deemed by it, in its sole discretion, to be in the best interest of the Owner.

The undersigned hereby proposes to perform everything required to be performed and to furnish all labor, materials, tools, equipment and all utility and transportation services necessary to complete in a workmanlike manner all the work to be done under this Contract, including addenda thereto, for the sums set forth in the following schedule:

	Alternate #1 - Single Sealcoat						
#	ITEM NAME QTY UNIT DESCRIPTION				AMOUNT		
1.	Municipal Complex	1	LS	Pavement Sealing and Striping	\$		
2.	Service Center	1	LS	Pavement Sealing and Striping	\$		
3.	North Fire Station	1	LS	Pavement Sealing and Striping	\$		
4.	Central Fire Station	1	LS	Pavement Sealing and Striping	\$		
5.	South Fire Station	1	LS	Pavement Sealing and Striping	\$		
6.	Okemos Library	1	LS	Pavement Sealing and Striping	\$		
7.	Glendale Cemetery	1	LS	Pavement Sealing	\$		
	TOTAL PRICE (Single Sealcoat):						

Alternate #2 - Double Sealcoat						
#	# ITEM NAME QTY UNIT DESCRIPTION				AMOUNT	
1.	Municipal Complex	1	LS	Pavement Sealing and Striping	\$	
2.	Service Center	1	LS	Pavement Sealing and Striping	\$	
3.	North Fire Station	1	LS	Pavement Sealing and Striping	\$	
4.	Central Fire Station	1	LS	Pavement Sealing and Striping	\$	
5.	South Fire Station	1	LS	Pavement Sealing and Striping	\$	
6.	Okemos Library	1	LS	Pavement Sealing and Striping	\$	
7.	Glendale Cemetery	1	LS	Pavement Sealing	\$	
			TC	TAL PRICE (Double Sealcoat):	\$	

The bidder acknowledges that his/her proposal is in accordance with the information contained in Addendum No. \_\_\_\_\_, \_\_\_\_ (if applicable). The undersigned further agrees that this proposal shall be effective for a period of thirty (30) days from the date established for opening of all bids.

Date:	Company Name:	
By:	Address:	
Signature		
Printed Name		
Title:	Phone Number:	

Refer to the next page for the Contract

# CONTRACT 2023 Parking Lot Sealcoating and Striping RFP

THIS CONTRACT, dated	, 2023, by and between	<u>,</u> hereinafter
called the "CONTRACTOR", and Meridi	an Township, 5151 Marsh Road, Okemos, M	II 48864, hereinafter called
the "OWNER"		

**WITNESSETH**, that the CONTRACTOR and the OWNER for the consideration herein agree as follows:

### ARTICLE I. SCOPE OF WORK.

The CONTRACTOR shall perform everything required to be performed and shall provide and furnish all labor, materials, necessary tools, expendable equipment and all utility and transportation services required to perform and complete in a workmanlike manner all the work required for constructing the project as described in the Advertisement and Proposal and for performing all related work for the OWNER, required by and in strict accordance with the plans and specifications, including any and all addenda, and other Contract Documents mentioned and made a part hereof.

### ARTICLE II. THE CONTRACT PRICE.

The OWNER shall pay for constructing the project complete with all labor, materials, equipment, appurtenances, surface restoration and related work in strict accord with the Plans and Specifications, ready for use, the unit prices as listed in the Proposal and herein made a part of this Contract. Payment shall be made to the CONTRACTOR in accordance with and subject to the conditions specified on page 5.

### ARTICLE III. TIME.

Time is of the essence in the performance of this contract. The CONTRACTOR agrees to start work within ten (10) days of issuance of the Notice to Proceed and to fully complete the work so as to permit use of the project by the OWNER by the completion date stated on page 2.

### ARTICLE IV. DELAYS AND DAMAGES.

If the CONTRACTOR refuses or fails to prosecute the work, or any separate part thereof, with such diligence as will insure its substantial completion, ready for use by the OWNER by the completion date stated in the Advertisement or within the number of consecutive calendar days stated in the Advertisement, or any extension thereof, or fails to complete said work within such time, the OWNER may, by written notice to the CONTRACTOR, terminate the CONTRACTOR's right to proceed with the work or such part of the work as to which there has been delay. In such event, the OWNER may take over the work and prosecute the same to completion by contract or otherwise, and the CONTRACTOR and his sureties shall be liable to the OWNER for any excess cost occasioned thereby. If the CONTRACTOR's right to proceed is so terminated, the OWNER will take possession of and utilize in completing work such materials, appliances, and plant as may be on the site of the work and necessary therefore.

If the OWNER does not terminate the right of the CONTRACTOR to proceed, the CONTRACTOR shall continue to work, in which event the actual damages for the delay will be impossible to determine and in lieu thereof the CONTRACTOR shall pay the OWNER the sum of one thousand dollars (\$1,000.00) per day as fixed, agreed, and liquidated damages for each calendar day of delay until the work is substantially completed, ready for operation and the CONTRACTOR and his sureties shall be liable for the amount thereof. However, the right of the CONTRACTOR to proceed shall not be terminated or the CONTRACTOR charged with liquidated damages because of any delays in the completion of the work due to unforeseeable causes beyond control and without the fault or negligence of the CONTRACTOR, including, but not restricted to acts of God, or of the public enemy,

acts of the OWNER, fires, floods, epidemics, quarantine restrictions, delays of subcontractors due to such causes, if the CONTRACTOR shall, within ten (10) days from the beginning of any such delay (unless the OWNER shall grant a further period of time prior to the date of final settlement of the Contract) notify the OWNER in writing of the cause of delay and extend the time for completing the work when, in OWNER's judgement, the finding of fact justify such an extension and OWNER's findings of fact thereon shall be final and conclusive on the parties thereto. In no event shall bankruptcy or labor disputes, or the like, either of CONTRACTOR or any of its subcontractors or suppliers, be considered as an unforeseeable cause beyond the control and without the fault or negligence of the CONTRACTOR.

### ARTICLE V. COMPONENT PARTS OF THIS CONTRACT.

This Contract consists of all of the component parts contained in this RFP, all of which are as fully a part of the Contract.

**IN WITNESS WHEREOF**, the parties hereto have caused this instrument to be executed in three (3) original counterparts the day and year first above written.

CONTRAC	TOR	
		WITNESS:
By:	<u>.</u>	
Title:		
Date:		
MERIDIAN OWNER	I TOWNSHIP	
		WITNESS:
BY:		
	Dan Opsommer	
TITLE:	Deputy Township Manager Director of Public Works & Engineering	
DATE:		

Refer to the next page for the Notice of Award

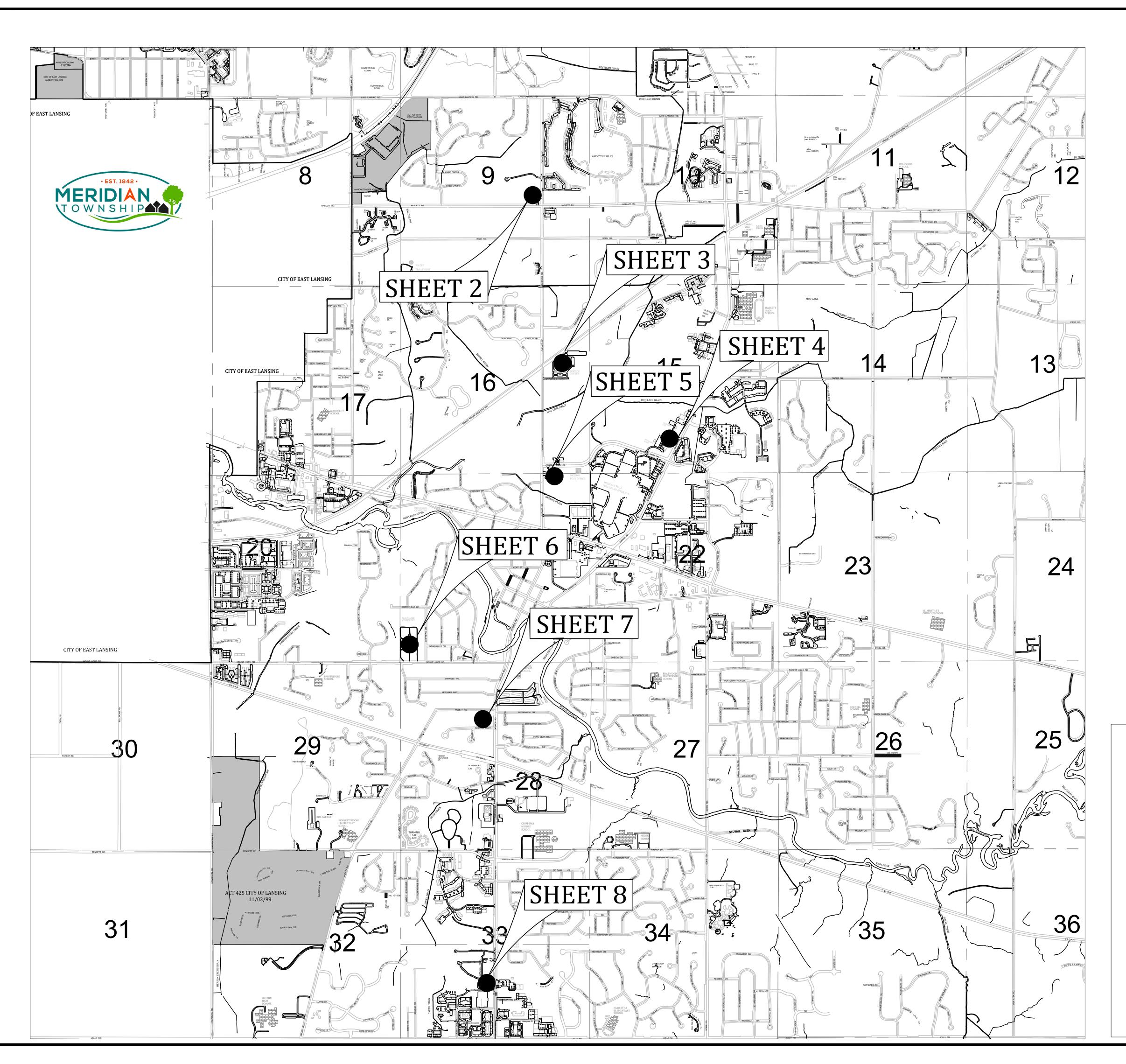
### **NOTICE OF AWARD**

	Dated:
TO:	
ADDRESS:	
CONTRACT:	2023 Parking Lot Sealcoating and Striping RFP
	that your Bid dated for the above Contract has been considered. You are the sful Bidder and have been awarded a Contract for <b>2023 Parking Lot Sealcoating and</b>
The Contract Pri	ce of your Contract is: <u>\$</u>
You must comply	y with the following conditions within 10 days of the date you receive this Notice of Award.
three hard	opy of the fully executed counterparts of the Contract Documents to the OWNER, or deliver copy fully executed counterparts of the Contract Documents. (Each of the Contract nust bear your signature.)
2. Deliver with	the executed Contract Documents the Contract security (Bonds and Insurance).
	y with these conditions within the time specified will entitle OWNER to consider your Bid in this Notice to Award and to declare your Bid security forfeited.
	after you comply with the above conditions, OWNER will return to you one fully executed ne Contract Documents.
	MERIDIAN TOWNSHIP
	By:  Dan Opsommer  Deputy Township Manager  Director of Public Works & Engineering

Refer to the next page for the Notice to Proceed

### NOTICE TO PROCEED

			Dated:
TO:			_
ADDRESS:			_ _
CONTRACT:		ot Sealcoating and Striping	g RFP
You are notified that t		under the above Contract w	vill commence to run on
Deliver to <b>OWNER</b> an	acknowledged cop	py of this Notice to Proceed.	
	<u>M</u>	IERIDIAN TOWNSHIP	
	В	y:  Dan Opsommer  Deputy Township Mar  Director of Public Wo	nager
AC	CKNOWLEDGEME	NT OF ACCEPTANCE OF NO	OTICE TO PROCEED
CONTRACTOR 2021.	<b>R</b> acknowledges ac	ceptance of this Notice to Pi	roceed this day of,
		ame itle	

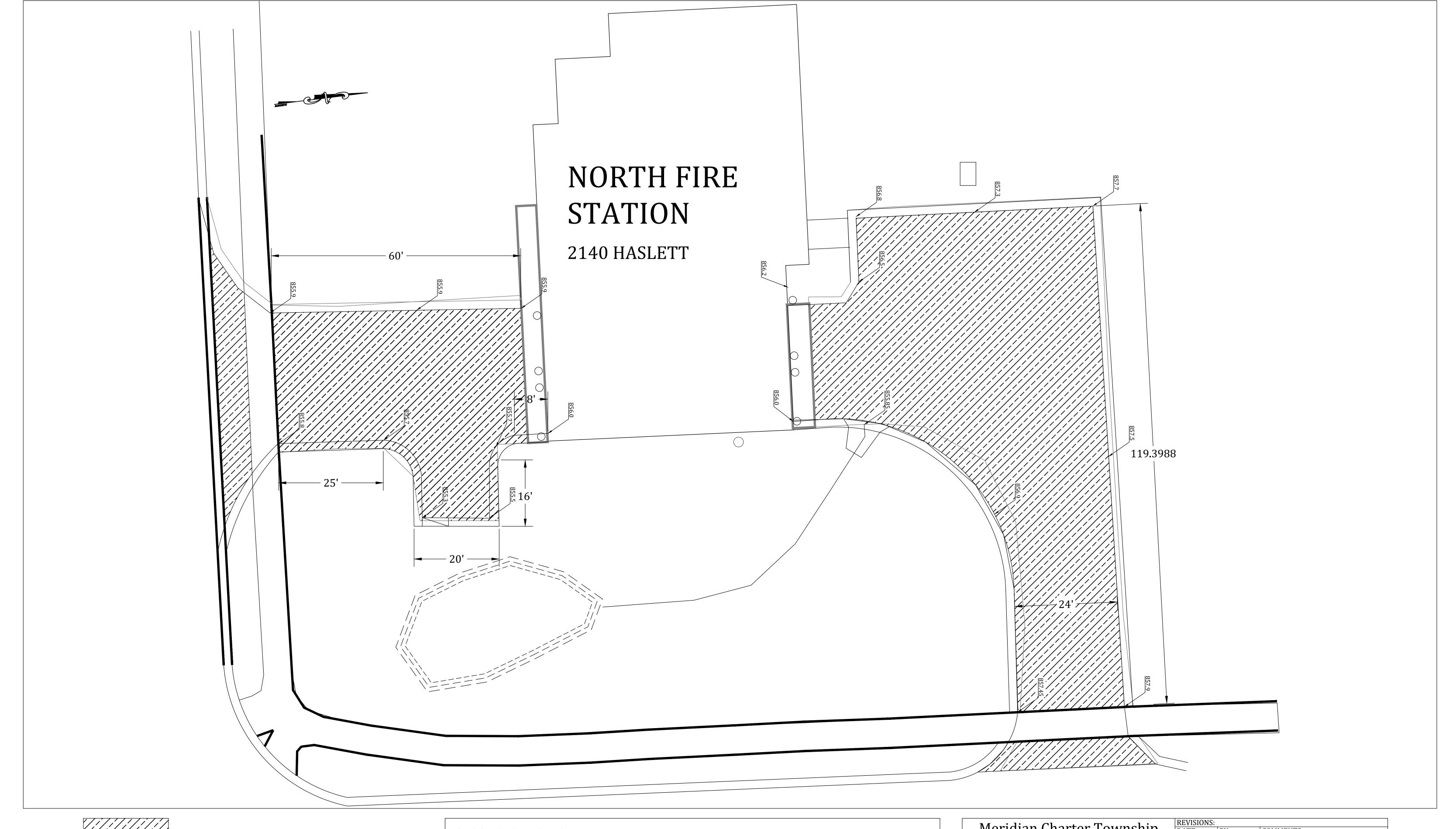


# 2023 Seal Coating CONSTRUCTION PLANS for MERIDIAN TOWNSHIP INGHAM COUNTY, MICHIGAN

<u>P</u>	UBLIC UTILITIES	
3. E.	T&T 37 N. ABBOTT, RM. 201 AST LANSING, MI 48823 17.337.3660	TELEPHONE
5 P L	ONSUMERS ENERGY 30 W. WILLOW ST. .O. BOX 30162 ANSING, MI 48909 17.373.6100	GAS ELECTRIC
1. E.	OMCAST 070 TROWBRIDGE ROAD AST LANSING, MI 48823 17.332.1012	CABLE TV
5 0	IERIDIAN TOWNSHIP 151 MARSH RD. KEMOS, MI 48864 17.853.4440	WATER MAINS SANITARY SEWER PATHWAYS
8 P	VOLVERINE PIPE LINE 105 VALLEYWOOD LANE ORTAGE, MI 49024-5251 31.323.2491	PETROLEUM PIPELINE
7 M	NGHAM COUNTY DRAIN OMMISIONER 07 BUHL ST. IASON, MI 48854 17.676.8395	DRAINS STORM SEWER
3 M	NGHAM COUNTY ROAD DEPT 01 BUSH ST. IASON, MI 48854 17.676.9722	PUBLIC ROADS AND RIGHTS OF WAY
1 ' L.	IICHIGAN DEPARTMENT OF T 700 PORT LANSING RD ANSING, MI 48854 17.335.3754	RANSPORTATION - PUBLIC ROADS AND RIGHTS OF WAY

# SHEET INDEX

SHT#	TITLE
1	COVER SHEET
2	NORTH FIRE STATION SEALING PLAN
3	SERVICE CENTER SEALING PLAN
4	MUNICIPAL COMPLEX SEALING PLAN
5	CENTRAL FIRE STATION SEALING PLAN
6	GLENDALE CEMETERY SEALING PLAN
7	OKEMOS LIBRARY SEALING PLAN
8	SOUTH FIRE STATION SEALING PLAN
9	NORTH FIRE STATION STRIPING LAYOUT
10	SERVICE CENTER STRIPING LAYOUT
11	MUNICIPAL COMPLEX STRIPING LAYOUT
12	CENTRAL FIRE STATION STRIPING LAYOUT
13	OKEMOS LIBRARY STRIPING LAYOUT
14	SOUTH FIRE STATION STRIPING LAYOUT



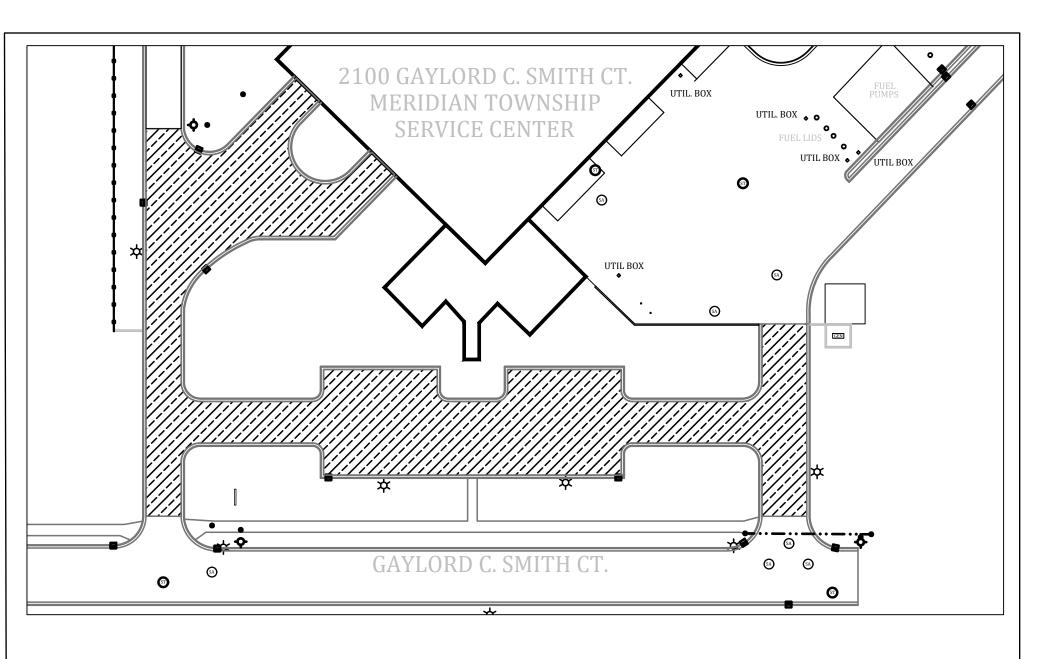
CRACK SEAL AND SEAL COATING ~860 SY

# CRACK SEAL NOTES:

- ROUT-AND-SEAL ALL CRACKS GREATER THAN ONE-QUARTER OF AN INCH (><sup>1</sup>/<sub>4</sub>");
   SEALANT TO BE RUBBERIZED ASPHALT IN ACCORDANCE WITH ASTM D6690.

- INSTALL ONLY WHILE AMBIENT TEMPERATURE IS ABOVE 50°F;
- USE ONLY ASPHALT-BASED SEALANT (NO COAL TAR-BASED SEALANTS).

Maridian Char	tor Torres obje	REVISIONS			
Meridian Charter Township		DATE:	BY:	COMMENTS:	
In all and Carre	N/: -1-:	07/18/23	SW	Plan for Quotes	
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Parking Lot					
North Fire			+		
Ctat	-i o 10				
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		SCALE:		PAGE:	FILE:
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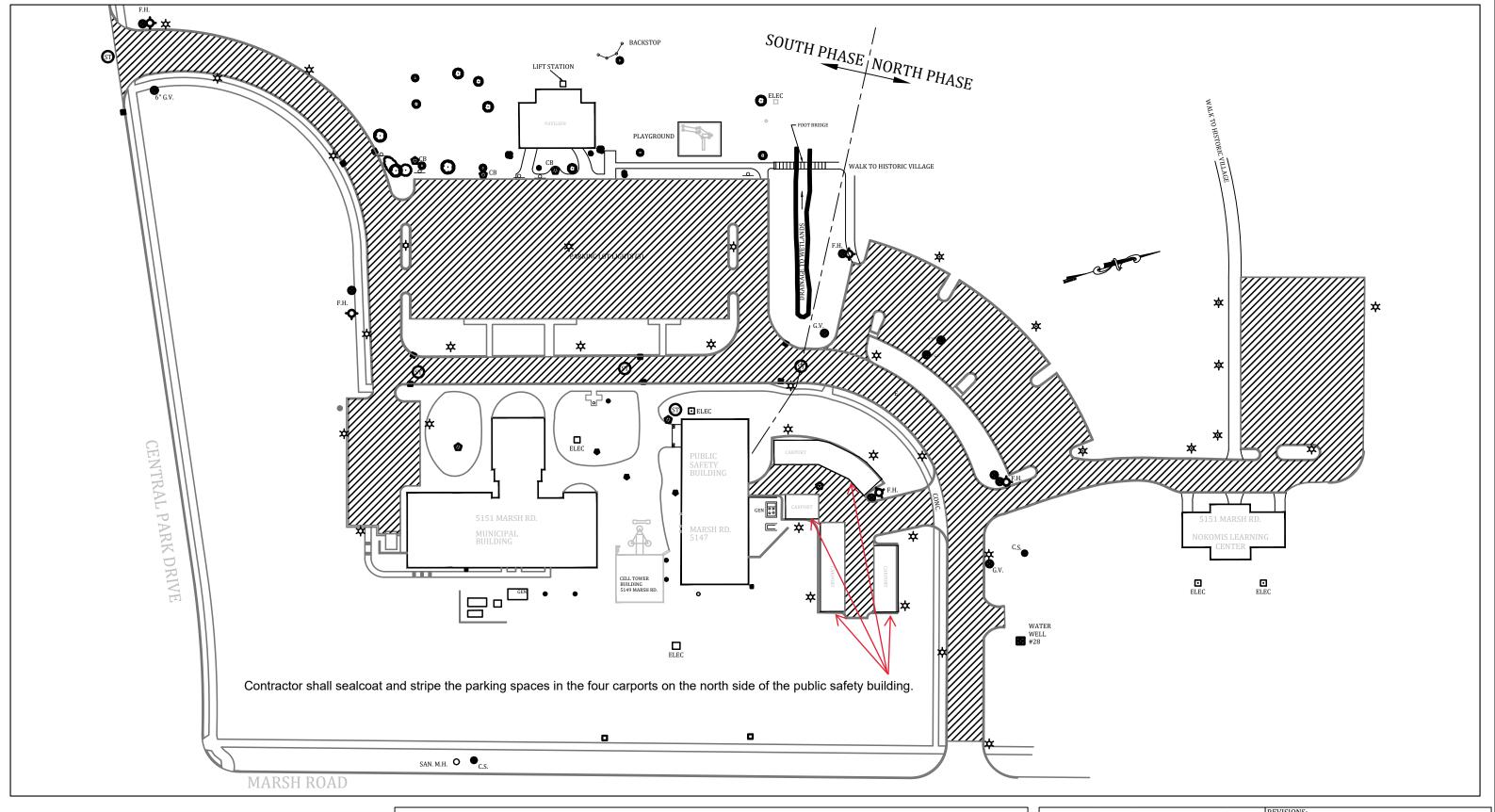
SERVICE CENTER CRACK SEAL AND SEAL COATING  $\sim\!3,\!600~\text{SY}$ 

### CRACK SEAL NOTES:

- ROUT-AND-SEAL ALL CRACKS GREATER THAN ONE-QUARTER OF AN INCH  $(>^1_4")$ ; SEALANT TO BE RUBBERIZED ASPHALT IN ACCORDANCE WITH ASTM D6690.

- SEAL COATING NOTES:
   INSTALL ONLY WHILE AMBIENT TEMPERATURE IS ABOVE 50°F;
   USE ONLY ASPHALT-BASED SEALANT (NO COAL TAR-BASED SEALANTS).

Meridian Charter Township	REVISIONS DATE:	IBY:	COMMENTS:	
•	07/18/23	SW	Plan for Quotes	
Ingham County, Michigan		1	+	
Parking Lot		1		
_				
Service Center			+	
Sealing Plan	SCALE:		PAGE:	FILE:
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DRAWN BY: CHECKED BY:				



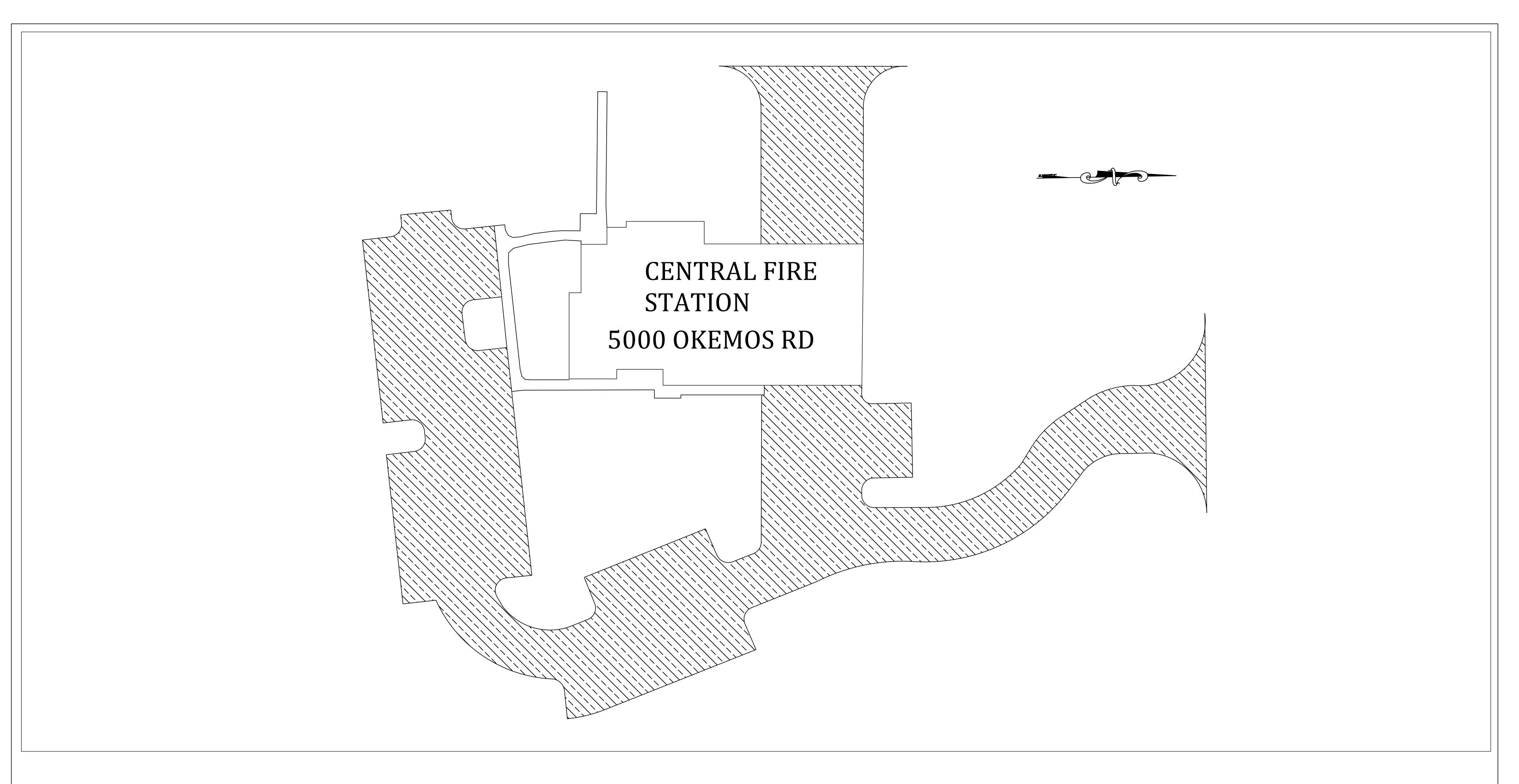


### **CRACK SEAL NOTES:**

- ROUT-AND-SEAL ALL CRACKS GREATER THAN ONE-QUARTER OF AN INCH (><sup>1</sup>/<sub>4</sub>");
   SEALANT TO BE RUBBERIZED ASPHALT IN ACCORDANCE WITH ASTM D6690.

- INSTALL ONLY WHILE AMBIENT TEMPERATURE IS ABOVE 50°F;
- USE ONLY ASPHALT-BASED SEALANT (NO COAL TAR-BASED SEALANTS).

Maridian Char	ton Torreshin	REVISIONS:			
Meridian Char	ter rownship	DATE:	BY:	COMMENTS:	
Ingham County, Michigan		07/18/23	SW	Plan for Bid	
Parking Lot					
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Muni	сіраі	-			
Com	nlev				
Complex Sealing Plan		SCALE:		PAGE:	FILE:
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		1"	1" = 80'		
DRAWN BY:	CHECKED BY:				



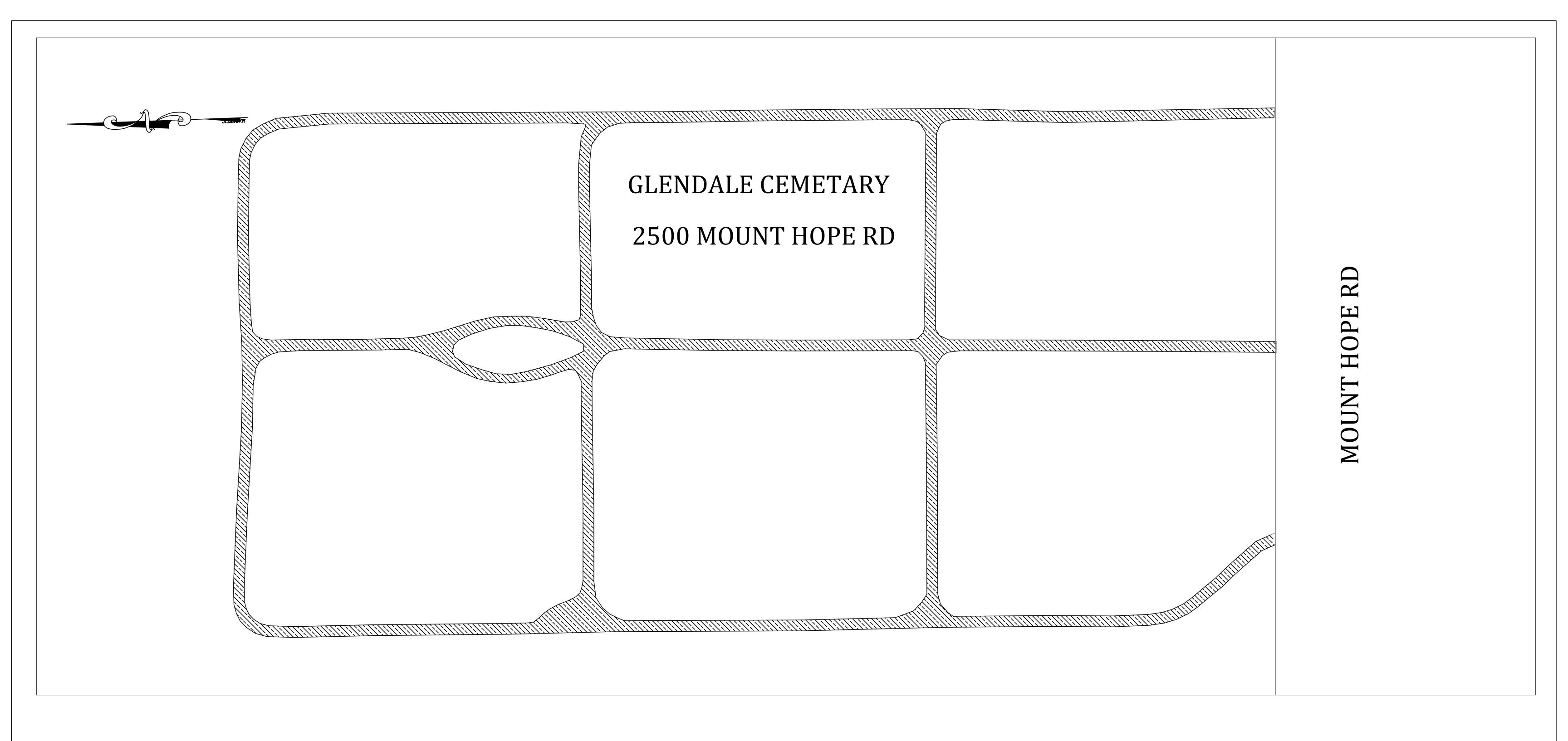
CRACK SEAL AND SEAL COATING ~2,570 SY

# CRACK SEAL NOTES:

- ROUT-AND-SEAL ALL CRACKS GREATER THAN ONE-QUARTER OF AN INCH ( $>^1_4$ "); SEALANT TO BE RUBBERIZED ASPHALT IN ACCORDANCE WITH ASTM D6690.

- INSTALL ONLY WHILE AMBIENT TEMPERATURE IS ABOVE 50°F;
- USE ONLY ASPHALT-BASED SEALANT (NO COAL TAR-BASED SEALANTS).

Manidian Chan	ton Tournahin	REVISIONS:				
Meridian Charter Township		DATE: 07/18/23	BY:	COMMENTS:		
Ingham Coun	Ingham County, Michigan		SW	Plan for Quotes		
Parkir	ng Lot					
Central Fire						
Ctat						
Stat	ion	SCALE:		PAGE:	FILE:	
Sealing Plan		SCALE.		I AGE.	FILE.	
		1'=17'		Sheet 5		
DRAWN BY:	CHECKED BY:					



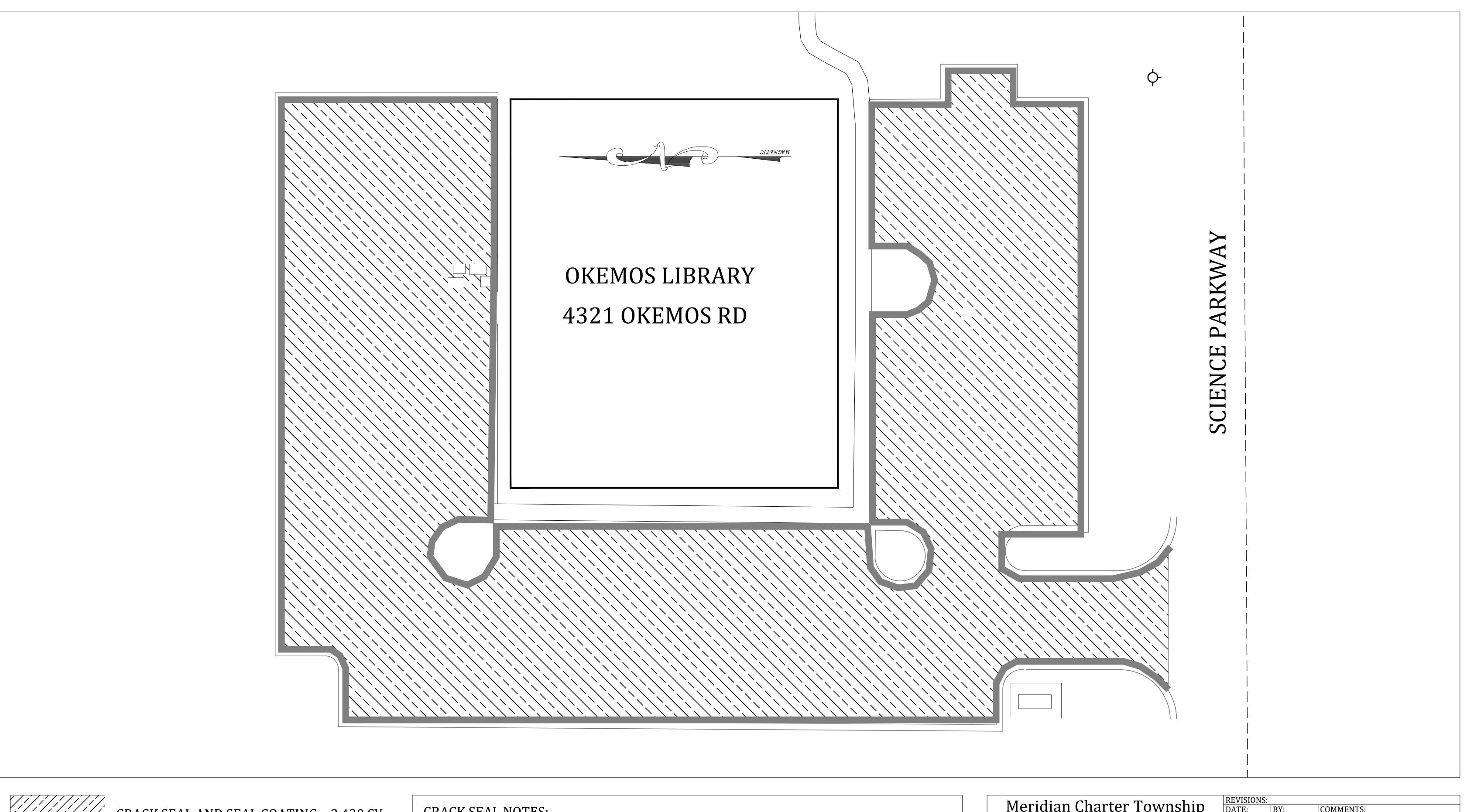
CRACK SEAL AND SEAL COATING ~5,100 SY

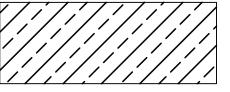
# CRACK SEAL NOTES:

- ROUT-AND-SEAL ALL CRACKS GREATER THAN ONE-QUARTER OF AN INCH ( $>_4^1$ "); SEALANT TO BE RUBBERIZED ASPHALT IN ACCORDANCE WITH ASTM D6690.

- INSTALL ONLY WHILE AMBIENT TEMPERATURE IS ABOVE 50°F;
- USE ONLY ASPHALT-BASED SEALANT (NO COAL TAR-BASED SEALANTS).

		REVISIONS:			
Meridian Char	Meridian Charter Township		BY:	COMMENTS:	
•		DATE: 07/18/23	SW	Plan for Quotes	
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Sealing Plan		SCALE:		PAGE:	FILE:
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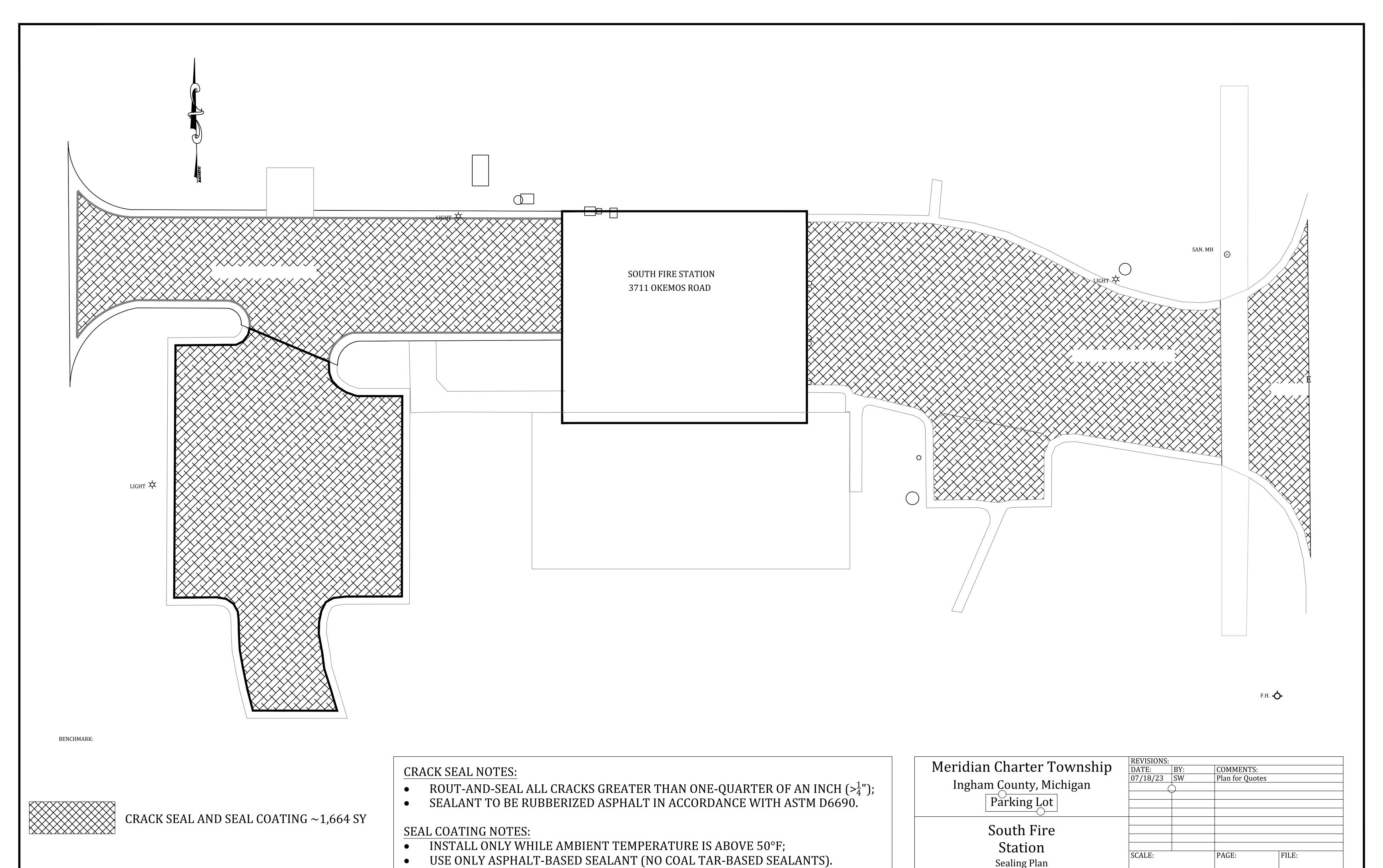
CRACK SEAL AND SEAL COATING ~3,430 SY

# CRACK SEAL NOTES:

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Meridian Charter Township Ingham County, Michigan Parking Lot	REVISIONS DATE: 07/18/23	BY: SW	COMMENTS: Plan for Quotes	
Okemos Library Sealing Plan	SCALE:	'=13'	PAGE: Sheet 7	FILE:
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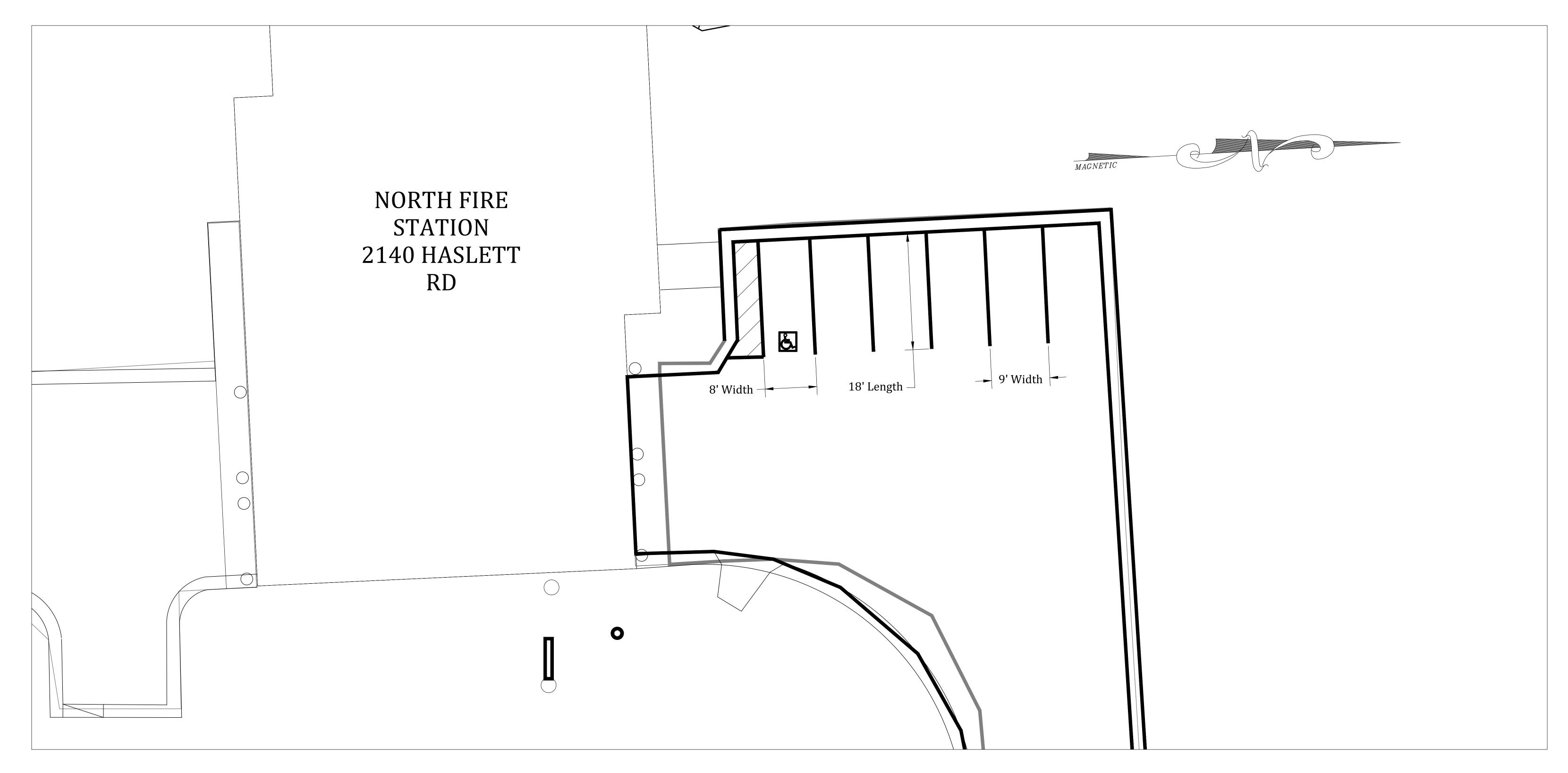
Sealing Plan

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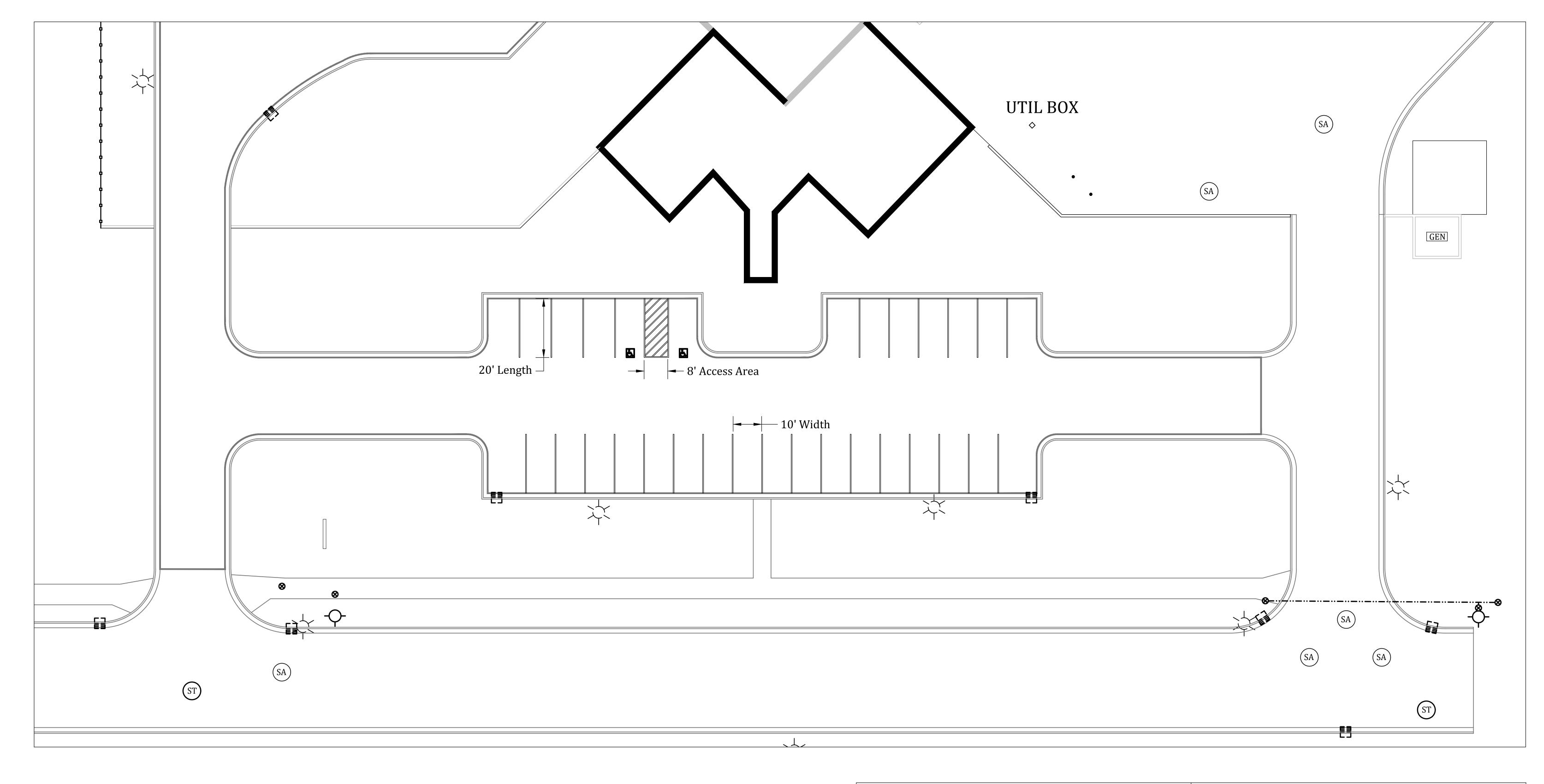
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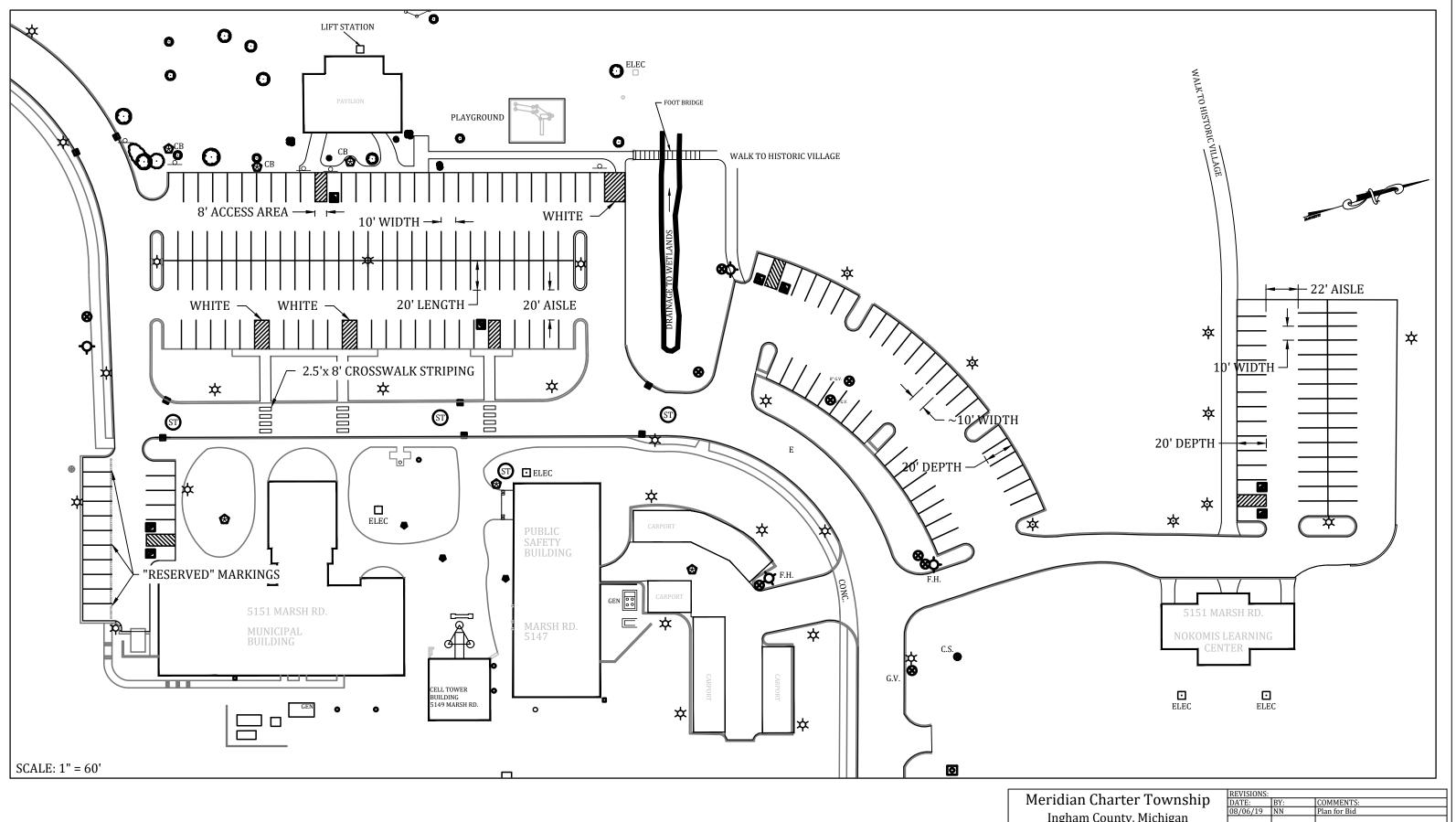
Sheet 8



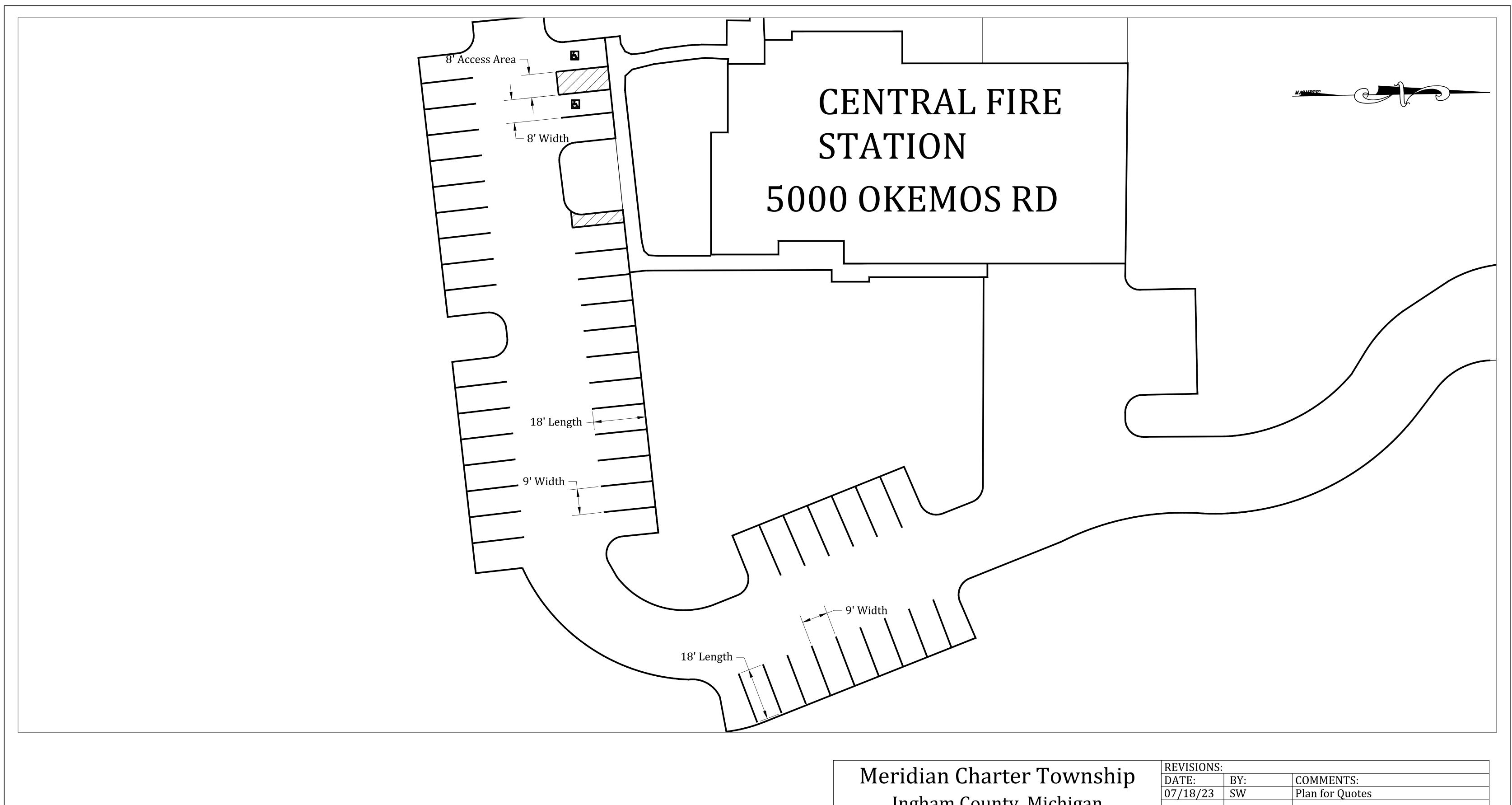
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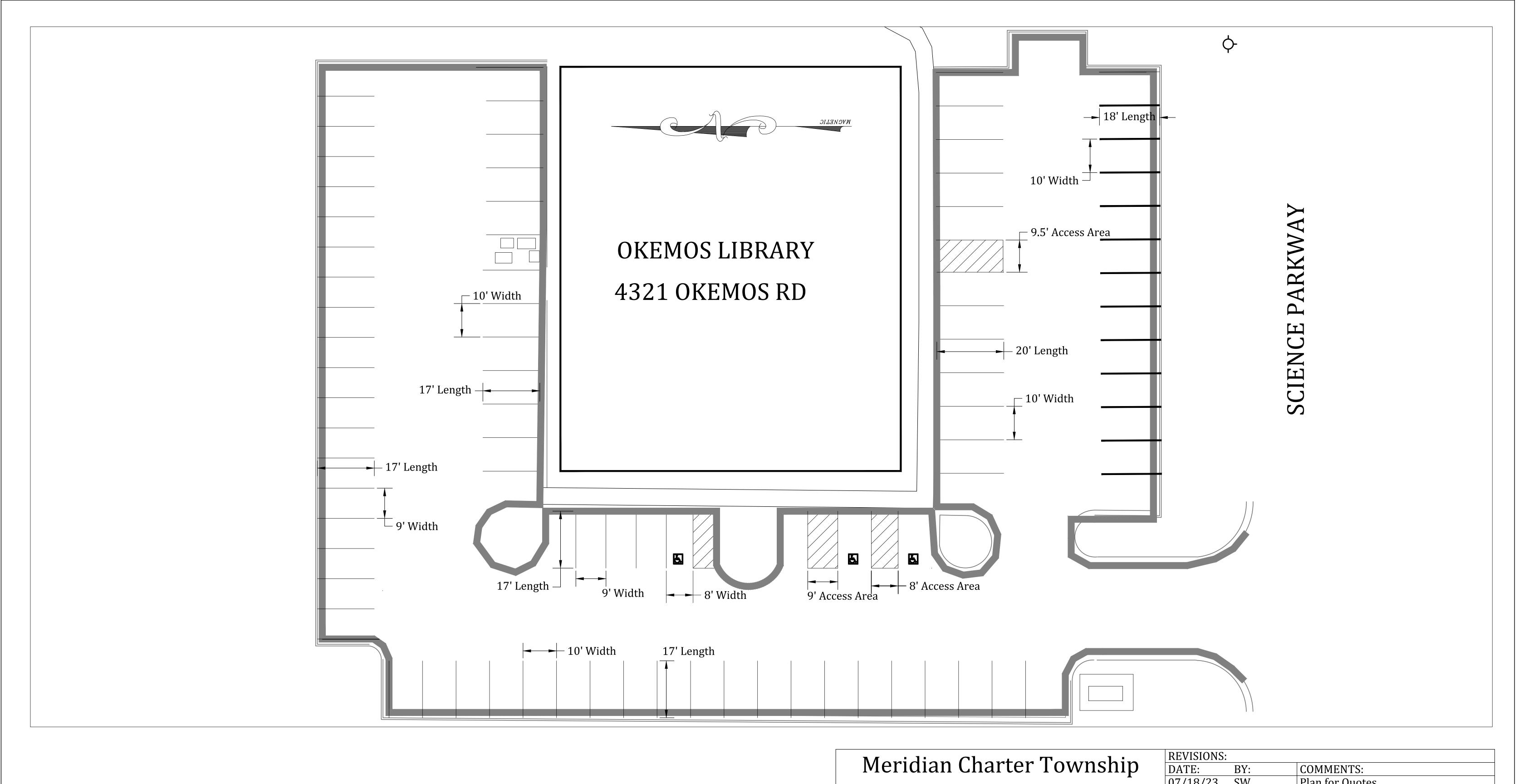
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		1'	=15'	Sheet 10	
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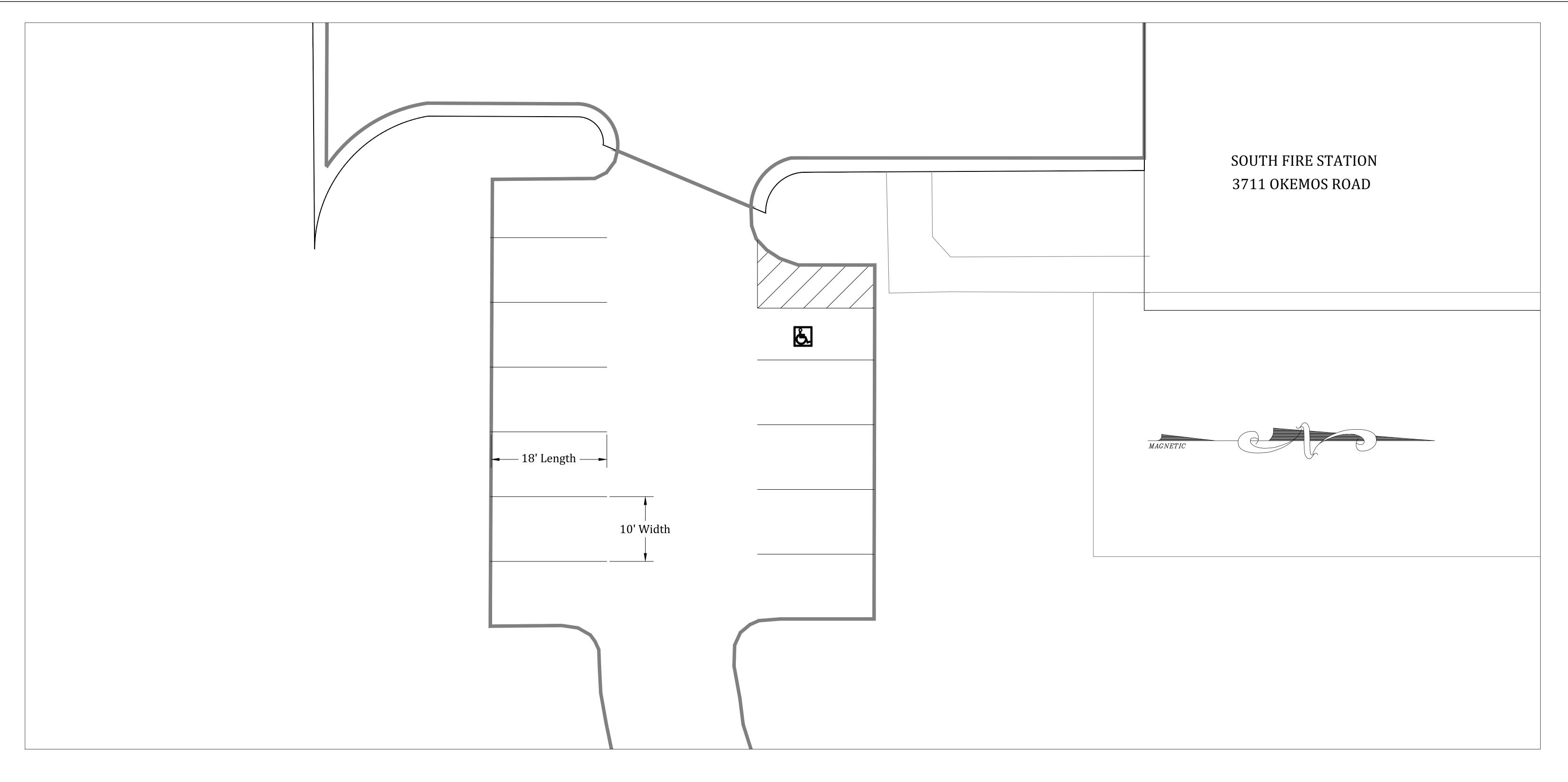
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Meridian Char	ter Township	REVISIONS: DATE:	BY:	COMMENTS:	
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Striping	Striping Layout			PAGE:	FILE:
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Meridian Charter Township Ingham County, Michigan Parking Lot		REVISIONS DATE: 07/18/23	BY: SW	COMMENTS: Plan for Quotes	
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