# NOV cityofnovi.org

### COMMUNITY DEVELOPMENT DEPARTMENT

45175 Ten Mile Road Novi, MI 48375 (248) 347-0415 Phone (248) 735-5600 Facsimile www.cityofnovi.org

# ZONING BOARD OF APPEALS STAFF REPORT

FOR: City of Novi Zoning Board of Appeals ZONING BOARD APPEALS DATE: June 14, 2016

REGARDING: 42445 WEST TEN MILE RD (PZ16-0020), Parcel 50-22-26-126-001

**BY:** Larry Butler, Deputy Director Community Development

#### I. GENERAL INFORMATION:

#### **Applicant**

Freund Andrus Construction

#### Variance Type

**Dimensional Variance** 

#### **Property Characteristics**

Zoning District: I-1 (Light Industrial)

Location: North of Grand River Ave, and east of Novi Road

Parcel #: 50-22-26-126-001

#### Request

The applicant is requesting variances from the City of Novi Zoning Ordinance Section 4.19.2.F to allow location of a dumpster enclosure in the side yard of an existing parcel recently reoccupied and proposed for alteration. The parcel is zoned I-1.

#### II. STAFF COMMENTS:

#### **Proposed Changes**

The applicant is requesting approval to construct a dumpster enclosure and loading area in the side yard of the parcel proposed for development. The variance requests are required as a part of the Site Plan approval process.

#### III. RECOMMENDATION:

The Zoning Board of Appeals may take one of the following actions:

1.	I	move	that	we	<u>grant</u>	the	variance	in	Case	No.	PZ16-0020,	sought	by for
	dif	ficulty re	equiring	l				_ b	ecause	Petitic	oner has sho	wn prac	tical
		٠, ,					ier will be ur e		,	•	nted or limited	d with resp	pect

### **Zoning Board Of Appeals**

Freund Andrus Construction

Case # PZ16-0020

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	(b)	The property is unique because
	(c)	Petitioner did not create the condition because
	(d)	The relief granted will not unreasonably interfere with adjacent or surrounding properties because
	(e)	The relief if consistent with the spirit and intent of the ordinance because
	(f)	The variance granted is subject to:
		1
		2
		3
		4
2.	for	
		The circumstances and features of the property including are not unique because they exist generally throughout the City.
	(b)	The circumstances and features of the property relating to the variance request are self-created because
	(c)	The failure to grant relief will result in mere inconvenience or inability to attain higher economic or financial return based on Petitioners statements that
	(d)	The variance would result in interference with the adjacent and surrounding properties by
	(e)	Granting the variance would be inconsistent with the spirit and intent of the ordinance to
		·

Should you have any further questions with regards to the matter please feel free to contact me at (248) 347-0423.

Larry Butler Deputy Director Community Development City of Novi



45175 Ten Mile Road Novi, MI 48375 **ZC** (248) 347-0415 Phone (248) 735-5600 Facsimile www.cityofnovi.org

# ZONING BOARD OF APPEALS APPLICATION

#### APPLICATION MUST BE FILLED OUT COMPLETELY

I. PROPERTY INFORMATION (Add	ress of subject ZBA C	ase)	Application Fee: $\frac{\mathbf{b}}{3}$	300.00
PROJECT NAME / SUBDIVISION 42445 W. 10mi - Durr Systems				
ADDRESS		LOT/SIUTE/SPACE #	Meeting Date: 6	
42445 W. 10mi			ZBA Case #: PZ_	L-0030
SIDWELL# 50-22- 86 - 136 - 00		obtain from Assessing ent (248) 347-0485	ZBA Case #: PZ	
CROSS ROADS OF PROPERTY				
IS THE PROPERTY WITHIN A HOMEOWNER'S ASS	OCIATION JURISDICTION?	REQUEST IS FOR:		
☐ YES ☐ NO		RESIDENTIAL COM	MERCIAL 🗌 VACANT PR	roperty Signage
DOES YOUR APPEAL RESULT FROM A NOT	TICE OF VIOLATION OR	CITATION ISSUED? YE	s 🗹 no	
II. APPLICANT INFORMATION			de granden authoris de distribution en en prononcero inno anno accordistant de la del consecuent interprenen	
A. APPLICANT	EMAIL ADDRESS john@freundandrus.com		CELL PHONE NO. 248.770.4815	
NAME John Hester			TELEPHONE NO. 248.655.7099	
ORGANIZATION/COMPANY			FAX NO.	
Freund Andrus Construction			248.230.4792	7
ADDRESS 307 W. 6th St.		CITY Royal Oak	STATE Mi	ZIP CODE 48067
B. PROPERTY OWNER CHECK HE	ERE IF APPLICANT IS ALS	O THE PROPERTY OWNER		
Identify the person or organization that owns the subject property:	EMAIL ADDRESS patrick.wong@durrusa.c	om	CELL PHONE NO. 248,880.0107	
NAME	patrioring danies		TELEPHONE NO.	
Patrick Wong			248.450.2331	
ORGANIZATION/COMPANY Durr Systems, Inc.			FAX NO. 734.459.5837	
ADDRESS		CITY	STATE	ZIP CODE
26801 Northwestern Highway		Southfield	MI	48033
III. ZONING INFORMATION  A. ZONING DISTRICT			فينيف والمستحد والموسان وهومه والمواوي ويواه فيطر الوينوان والماء والمستوان والماء والماء والمأوه مراوان	
□ R-A □ R-1 □ R-2	□ R-3 □ R-4	□ RM-1 □ RM-2	□мн	
□  -1 □  -2 □ RC		OTHER F- J J-1		
B. VARIANCE REQUESTED		LI OTTEN	-)(\* \*	
INDICATE ORDINANCE SECTION (S) AND	VARIANCE REQUESTED			
1. Section <u>4.19.2.F</u>	/ariance requested	Dumpster location		
2. Section\	/ariance requested			
3. Section\	/ariance requested			
4. Section\	ariance requested			
IV. FEES AND DRAWNINGS				
A. FEES				
Single Family Residential (Existing	g) \$200 🗌 (With Viole	ation) \$250 🗌 Single Fam	ily Residential (New) \$	250
Multiple/Commercial/Industrial S	\$300 🗌 (With Viole	ation) \$400 🗌 Signs \$300	$\square$ (With Violation) \$	3400
☐ House Moves \$300	· ·	eetings (At discretion of Bo	oard) \$600	
	TAL COPY SUBMITTED		1 -12 1	1
<ul><li>Dimensioned Drawings and Plans</li><li>Site/Plot Plan</li></ul>			d distance to adjacer g & proposed signs, if c	
<ul> <li>Existing or proposed buildings or a</li> </ul>		erty 🔹 Floor plans & eleva	tions	
<ul> <li>Number &amp; location of all on-site p</li> </ul>	arking, if applicable	<ul><li>Any other informati</li></ul>	ion relevant to the Va	riance application



# ZONING BOARD OF APPEALS APPLICATION

V. VARIANCE	
A. VARIANCE (S) REQUESTED	
□ DIMENSIONAL ☑ USE □ SIGN	
There is a five-(5) hold period before work/action can be taken on varian-	ce approvals.
B. SIGN CASES (ONLY) Your signature on this application indicates that you agree to install a Mode meeting. Failure to install a mock-up sign may result in your case not being schedule ZBA meeting, or cancelled. A mock-up sign is NOT to be actual removed within five-(5) days of the meeting. If the case is denied, the appremoval of the mock-up or actual sign (if erected under violation) within five-	ck-Up Sign ten-(10) days before the schedule ZBA g heard by the Board, postponed to the next sign. Upon approval, the mock-up sign must be plicant is responsible for all costs involved in the
C. ORDINANCE	
City of Novi Ordinance, Section 3107 – Miscellaneous	
No order of the Board permitting the erection of a building shall be valid f building permit for such erection or alteration is obtained within such period proceeds to completion in accordance with the terms of such permit.	or a period longer than one-(1) year, unless a od and such erection or alteration is started and
No order of the Board permitting a use of a building or premises shall be veighty-(180) days unless such use is establish within such a period; provided dependent upon the erection or alteration or a building such order shall of for such erection or alteration is obtained within one-(1) year and such erection in accordance with the terms of such permit.	d, however, where such use permitted is
D. APPEAL THE DETERMINATION OF THE BUILDING OFFICIAL	
PLEASE TAKE NOTICE:	
The undersigned hereby appeals the determination of the Building Official CONSTRUCT NEW HOME/BUILDING $\square$ ADDITION TO EXISTING HOME/B	
☐ ACCESSORY BUILDING ☐ USE ☐ OTHER Dumpster en	closures
☐ ACCESSORY BUILDING ☐ USE ☐ OTHER Dumpster en	iclosures
	closures
VI. APPLICANT & PROPERTY SIGNATURES	iclosures
VI. APPLICANT & PROPERTY SIGNATURES  A. APPLICANT  Out House	4-14-20/6
VI. APPLICANT & PROPERTY SIGNATURES	4-14-20/6 Date
VI. APPLICANT & PROPERTY SIGNATURES  A. APPLICANT  Applicant Signature	4-14-20/6 Date
VI. APPLICANT & PROPERTY SIGNATURES  A. APPLICANT  Applicant Signature  B. PROPERTY OWNER	<b>4-14-20/6</b> Date
VI. APPLICANT & PROPERTY SIGNATURES  A. APPLICANT  Applicant Signature  B. PROPERTY OWNER  If the applicant is not the owner, the property owner must read and the undersigned affirms and acknowledges that he, she or they are the owner in the owner in the owner.	4-14-20/6  Date  I sign below:  wher(s) of the property described in this
VI. APPLICANT & PROPERTY SIGNATURES  A. APPLICANT  Applicant Signature  B. PROPERTY OWNER	4-14-20/6  Date  I sign below:  wher(s) of the property described in this
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VI. APPLICANT & PROPERTY SIGNATURES  A. APPLICANT  Applicant Signature  B. PROPERTY OWNER  If the applicant is not the owner, the property owner must read and The undersigned affirms and acknowledges that he, she or they are the oxapplication, and is/are aware of the contents of this application and relative Property Owner Signature  VII. FOR OFFICIAL USE ONLY DECISION ON APPEAL:	4-14-2016 Date  I sign below: wner(s) of the property described in this red enclosures.  4//4/16 Date



### **Community Development Department**

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# REVIEW STANDARDS USE VARIANCE

For Use Variances: A use variance may be granted by the Zoning Board of Appeals only in cases where the applicant demonstrates in the official record of the public hearing that undue hardship exists by showing all of the following:

In the space below, and on additional paper if necessary, explain how the proposed project meets each of the following standards.

# Standard #1. Cannot Be Reasonably Used.

Explain how the land, building or structure cannot be reasonably used for any of the uses permitted by right or by special land use permit in the zoning district in which it is located.

# Standard #2. Circumstances or Physical Conditions.

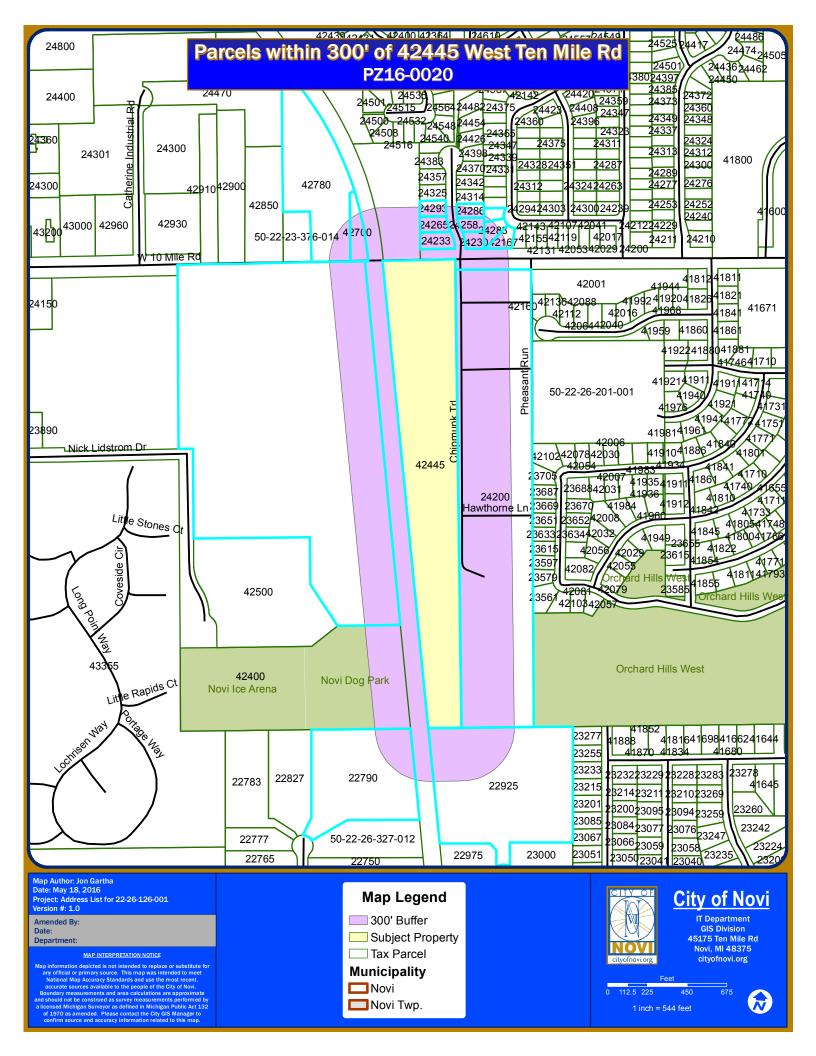
Explain how the need for the requested variance is due to unique circumstances or physical conditions of the property involved, such as narrowness, shallowness, shape, water, topography, or similar physical conditions and is not due to the applicant's personal or economic hardship.

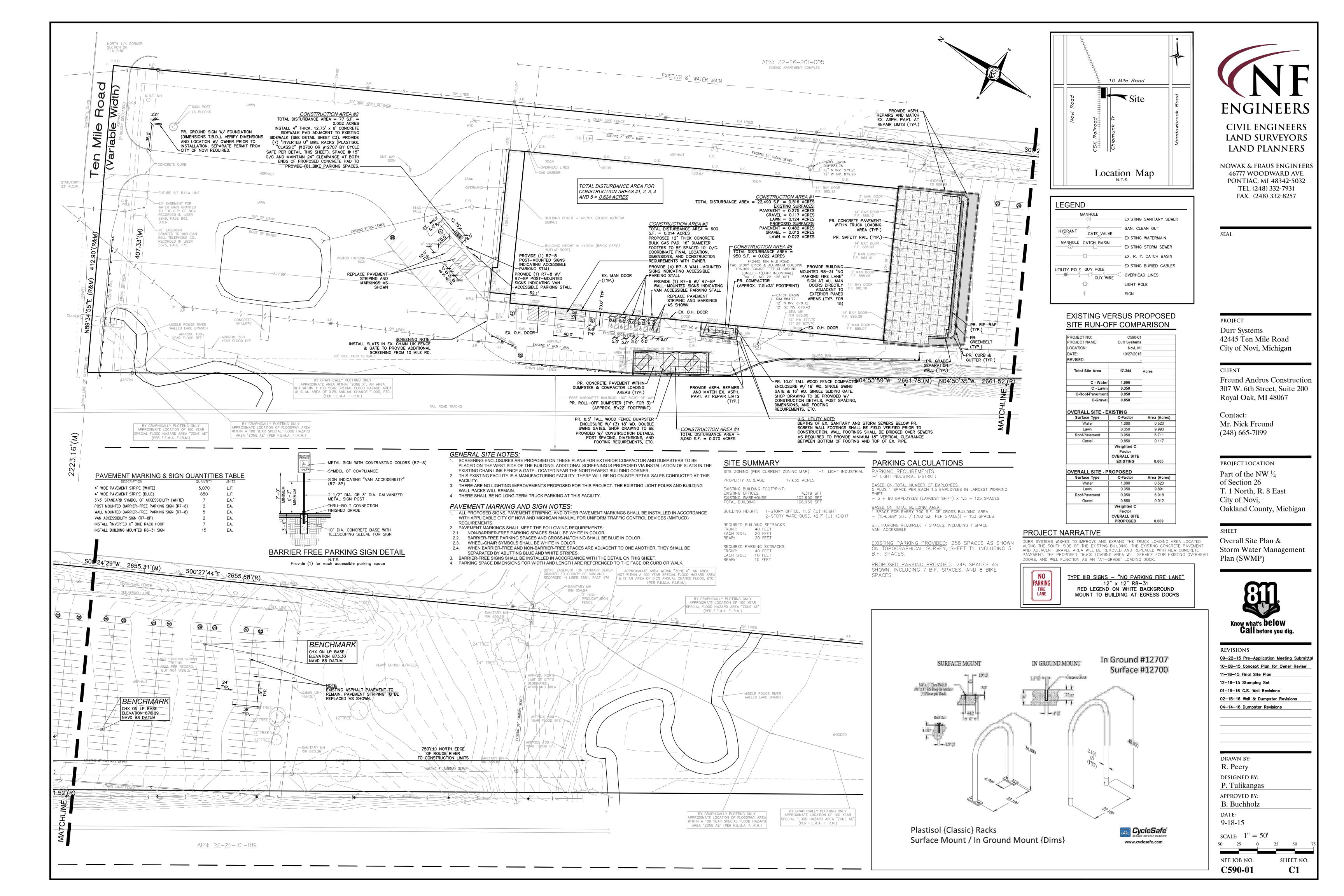
# Standard #3. Character of the Neighborhood.

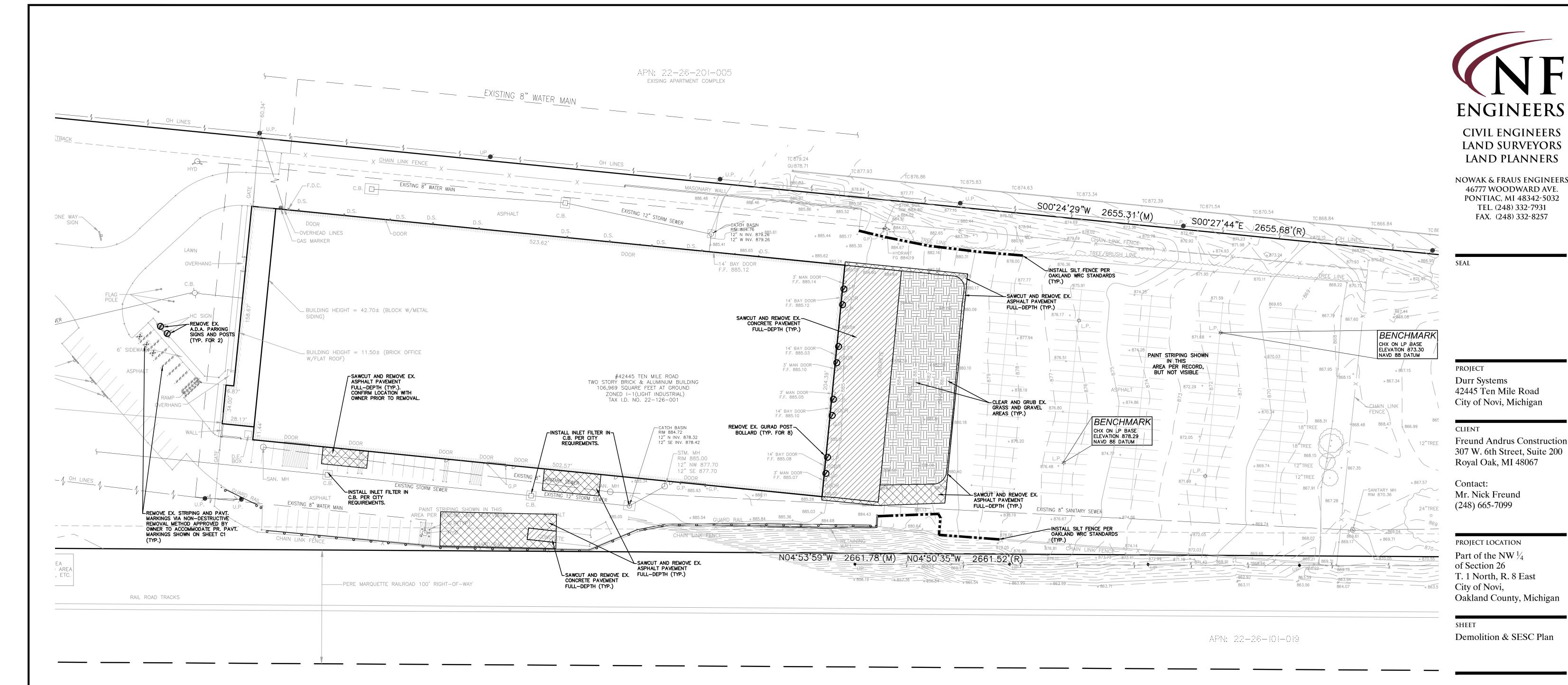
Explain how the proposed use will not alter the essential character of the neighborhood.

## Standard #4. Not Self-Created.

Explain how the need for the requested variance is not the result of actions of the property owner or previous property owners (i.e., is not self-created).







# **EROSION CONTROL NOTES**

ACCORDING TO THE CITY OF NOVI, A SOIL EROSION PERMT IS NOT REQUIRED FOR THIS SITE DUE TO THE TOTAL AREA OF DISRUPTION BEING LESS THAN 1 ACRE AND LOCATED MORE THAN 500' FORM THE NEAREST WATER BODY (ROUGE RIVER)

PLAN, OR AS DETERMINED NECESSARY BY THE OWNER OR OTHER GOVERNING AGENCY HAVING

PROPERTY DESCRIPTION: DURR SYSTEMS, 42445 TEN MILE ROAD, NOVI, MICHIGAN TAX I.D. No. 22-26-126-001

SOIL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH THIS

PROPERTY SIZE: 17.344 ACRES

AFTER EVERY STORM EVENT.

AREA OF EARTH DISRUPTION: 0.624 ACRES

THE EARTH CHANGE WILL INCLUDE FULL-DEPTH PAVEMENT REMOVAL, EARTHWORK TO ESTABLISH PROPOSED PAVEMENT, WALL, AND FINISHED GRADE SUBGRADE ELEVATIONS, AND EARTH BALANCE.

ALL NON-PAVED AREAS ARE TO BE LANDSCAPED, SODDED AND/OR SEEDED AND MULCHED.

THE CONTRACTOR SHALL STORE ALL TOPSOIL ON-SITE IN AN AREA AGREED UPON BY THE OWNER OR

OWNER'S REPRESENTATIVE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING AND MAINTAINING SOIL EROSION AND

SEDIMENTATION CONTROL DEVICES, AND FOR PROVIDING DUST CONTROL.

THE FOLLOWING SHALL APPLY UNDER INSTALLATION OF SOIL EROSION AND SEDIMENTATION CONTROL

A. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING MUD MATS MADE OF LARGE COURSE AGGREGATE, AS NEEDED TO PROHIBIT CONSTRUCTION TRAFFIC FROM TRACKING DEBRIS AND SOILS

- ONTO ADJACENT ROADWAYS. ALL HAULING OPERATIONS MUST CONFORM TO LOCAL AND STATE LAW. B. THE CONTRACTOR SHALL PROVIDE PERMANENT STABILIZATION OF ALL DENUDED AREAS WITHIN 5 DAYS OF FINAL GRADE.
- C. IF SO DEEMED BY THE SITE INSPECTOR, THE CONTRACTOR SHALL IMMEDIATELY CEASE SITE WORK OPERATIONS, AND INSTALL EMERGENCY TEMPORARY EROSION CONTROL DEVICES (INCLUDING MUD
- D. TOPSOIL SHALL NOT BE STORED WITHIN PUBLIC RIGHT OF WAY. STOCKPILED SOILS SHALL BE PROPERLY COMPACTED AND/OR COVERED, WITH SILT FENCE SURROUNDING THE PILE. ALL SESC MEASURES SHALL BE INSPECTED & REPAIRED AS NECESSARY AT A MINIMUM ONCE A WEEK AND

BURLAP IS NOT ALLOWED AND STRAW BALES CAN ONLY BE USED TO BACKUP SILT FENCES.

VEGETATION STABILIZATION SHALL BE ACHIEVED WITHIN 5 DAYS OF FINAL GRADE, OR WHENEVER DISTURBED AREAS REMAIN UNCHANGED FOR 30 DAYS OR GREATER. THREE TO FOUR INCHES (3.0"-4.0") OF TOPSOIL WILL BE USED WHERE VEGETATION IS REQUIRED.

ALL SESC MATERIALS AND INSTALLATION PROCEDURES SHALL BE IN COMPLIANCE WITH APPLICABLE CITY OF NOVI AND OAKLAND COUNTY REQUIREMENTS.

DUST SHALL BE CONTROLLED DAILY, OR AS NEEDED, TO A MINIMUM BY USE OF A WATER TRUCK AND/OR DUST CONTROL MATERIALS. PAVEMENT SHALL BE SWEPT AND CLEANED ON A DAILY BASIS.

# SEQUENCE OF CONSTRUCTION

INSTALL SOIL EROSION & SEDIMENTATION CONTROL MEASURES.

- REMOVE TREES/SHRUBS/VEGETATION.
- 3. REMOVE EXISTING BITUMINOUS PAVEMENT, CONCRETE CURB & GUTTER AND SIDEWALK.
- 4. IN CONJUNCTION WITH MASS GRADING, STRIP EXISTING VEGETATION & TOPSOIL, STABILIZE GROUND WITH SUBGRADE UNDERCUTTING TYPE II PER MDOT STANDARDS AT EXISTING SOFT SUBGRADE AREAS.
- 5. PERFORM PAVEMENT SUBGRADE PREPARATION AND FILLING OPERATIONS FOR PROPOSED PAVEMENT. PERFORM PROOF ROLLING.
- 6. INSTALL PAVEMENT SUBBASE, CONCRETE PAVEMENT, AND CURBING.
- 7. INSTALL ASPHALT LEVELING COURSE.
- MAINTAIN ALL SOIL EROSION AND SEDIMENTATION CONTROL MEASURES IN ACCORDANCE WITH THE CITY'S REQUIREMENTS (ALL TIMES).
- 5. COMPLETE INSTALLATION OF FINAL WEARING COURSE. INSTALL SIGNS AND BIKE RACKS.
- 6. RESTORE DENUDED EARTH AREAS WITH TOPSOIL, SEED AND/OR SOD, PER THE LANDSCAPE PLAN.
- 7. PUNCH LIST ITEMS. CLEAN PAVEMENT AND STRUCTURES OF ACCUMULATED DEBRIS IN CONJUNCTION WITH REMOVAL OF SOIL EROSION AND SEDIMENTATION CONTROL MEASURES.

# SOIL EROSION MAINTENANCE NOTE

THE OWNER SHALL BE RESPONSIBLE FOR MAINTAINING ALL SOIL EROSION AND SEDIMENTATION CONTROL MEASURES WEEKLY AND AFTER EVERY STORM EVENT.

# SOIL DATA

THIS SITE CONSISTS OF SOIL TYPES 10C "MARLETTE SANDY LOAM, 6-12% SLOPES, 43 "SLOAN MARLETTE ASSOCIATION SOILS", AND 59 "URBAN LAND SOIL" BASED ON CURRENT INFORMATION OBTAINED FROM THE USDA NRCS SOIL SURVEY FOR OAKLAND COUNTY.

# **DEMOLITION NOTES**

DEMOLITION OF SITE IMPROVEMENTS SHALL BE ALLOWED ONLY AFTER AN APPROVED PERMIT HAS BEEN SECURED FROM THE PUBLIC AGENCY HAVING

FOR ANY DEMOLITION WITHIN PUBLIC RIGHT-OF-WAY, THE CONTRACTOR SHALL PAY FOR, AND SECURE, ALL NECESSARY PERMITS AND LIKEWISE SHALL

SITE DEMOLITION INCLUDES THE COMPLETE REMOVAL OF SITE IMPROVEMENTS AND OFF-SITE DISPOSAL. DEBRIS SHALL BE TRANSPORTED TO AN

THE CONTRACTOR SHALL COORDINATE TRUCK ROUTES WITH THE MUNICIPALITY PRIOR TO COMMENCEMENT OF SITE DEMOLITION. ALL TRUCKS SHALL BE TARPED OR PROPERLY SECURED TO CONTAIN DEMOLITION DEBRIS PRIOR TO LEAVING SITE.

EXISTING ON-SITE UNDERGROUND UTILITIES AND BUILDING SERVICES HAVE BEEN INDICATED BASED UPON THE BEST AVAILABLE UTILITY RECORDS AND/OR ON-SITE INSPECTION. NO GUARANTEE IS MADE BY THE DESIGN ENGINEER, AS TO THE COMPLETENESS OR ACCURACY OF UTILITY DATA. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFICATION OF UTILITY INFORMATION (THE DESIGN ENGINEER MAKES NO GUARANTEE NOR ASSUMES ANY LIABILITY AS TO THE COMPLETENESS AND/OR ACCURACY OF UTILITY DATA).

PRIOR TO THE REMOVAL OR ABANDONMENT OF ANY EXISTING UNDERGROUND UTILITY OR BUILDING SERVICE LINES CALLED FOR IN THE PLANS OR DISCOVERED DURING EXCAVATION, THE CONTRACTOR MUST DETERMINE IF THE UTILITY LINE OR BUILDING SERVICE IS STILL IN USE. IF THE UTILITY LINE OR BUILDING SERVICE IS STILL IN USE/ACTIVE THE CONTRACTOR MUST TAKE ALL THE NECESSARY STEPS TO GUARANTEE THAT THE UTILITY LINE OR BUILDING SERVICE IS RECONNECTED WITHOUT AN INTERRUPTION IN SERVICE. THE RECONNECTION OF THE UTILITY LINE OR BUILDING SERVICE MUST BE IN ACCORDANCE WITH THE STANDARDS AND REQUIREMENTS OF THE APPROPRIATE GOVERNMENTAL AGENCY OR PRIVATE UTILITY COMPANY.

SOIL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE INSTALLED BY THE CONTRACTOR PRIOR TO SITE DEMOLITION. \* THE CONTRACTOR SHALL NOTIFY MISS DIG (1-800-482-7171) A MINIMUM OF THREE (3) WORKING DAYS PRIOR TO THE START OF THE SITE DEMOLITION.

THE CONTRACTOR SHALL COORDINATE THE REMOVAL AND/OR RELOCATION OF EXISTING UTILITY POLES AND BUILDING SERVICES WITH THE DETROIT EDISON COMPANY. REMOVAL OF DETROIT EDISON ELECTRICAL SERVICES SHALL BE IN ACCORDANCE WITH THE CURRENT STANDARDS AND REQUIREMENTS OF THE CONTRACTOR SHALL COORDINATE THE REMOVAL AND/OR RELOCATION OF EXISTING UTILITY POLES AND BUILDING SERVICES WITH CONSUMERS

ENERGY/MICHCON. REMOVAL OF CONSUMERS ENERGY/ MICHCON GAS SERVICES SHALL BE IN ACCORDANCE WITH THE STANDARDS AND REQUIREMENTS OF

THE CONTRACTOR SHALL COORDINATE THE REMOVAL AND/OR RELOCATION OF EXISTING UTILITY POLES AND BUILDING SERVICES WITH AMERITECH. REMOVAL OF AMERITECH COMMUNICATION SERVICES SHALL BE IN ACCORDANCE WITH THE CURRENT STANDARDS AND REQUIREMENTS OF AMERITECH.

THE CONTRACTOR SHALL COORDINATE THE REMOVAL AND/OR RELOCATION OF EXISTING UTILITY POLES AND BUILDING SERVICES WITH THE APPROPRIATE CABLE MEDIA COMPANY. REMOVAL OF CABLE SERVICES SHALL BE IN ACCORDANCE WITH THE CURRENT STANDARDS AND REQUIREMENTS OF THE CABLE

THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFICATION OF PRIVATE UTILITY COMPANIES AND COORDINATE UTILITY SERVICE SHUT OFF/DISCONNECT, PRIOR TO DEMOLITION OF EXISTING STRUCTURES OR PROPERTIES. ALL UTILITY METERS SHALL BE REMOVED BY THE APPROPRIATE UTILITY COMPANY.

ANY ON-SITE STORM SEWER FACILITIES LOCATED DURING DEMOLITION SHALL BE REMOVED AND BULK HEADED AT THE PROPERTY LINE IF INDICATED FOR PRIOR TO BUILDING DEMOLITION, ALL HAZARDOUS MATERIAL SHALL BE REMOVED BY OTHERS. THE DEMOLITION CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER SHOULD ANY SUSPICIOUS MATERIAL BE FOUND.

WATER SERVICES AND/OR STOP-BOX SHALL BE PRESERVED AND BULK HEADED AT THE PROPERTY LINE OR AS DIRECTED BY THE OWNER'S

WHERE EXISTING BUILDINGS PLANED FOR DEMOLITION FALL WITHIN PROPOSED BUILDING FOOT PRINTS, BASEMENT FLOOR SLABS, FOUNDATION WALLS AND FOOTINGS SHALL BE COMPLETELY REMOVED AND BACK FILLED WITH MDOT CLASS II GRANULAR MATERIAL AND BE MACHINE COMPACTED TO A MINIMUM OF 98% OF MATERIALS MAXIMUM DENSITY.

# **ESTIMATED QUANTITIES**

NOTE: THE BELOW QUANTITIES ARE FOR REFERENCE PURPO: CONTRACTOR SHALL BE RESPONSIBLE TO PERFORM HIS OWN QUANTITY TAKEOFFS & EARTHWORK CALCULATIONS PRIOR TO BIDDING.

DEMOLITION / SESC

DESCRIPTION QUANTITY REMOVE EX. CONCRETE PAVEMENT FULL-DEPTH 1,160 REMOVE EX. ASPHALT PAVEMENT FULL-DEPTH 685 S.Y. CLEAR AND GRUB GRASS/GRAVEL AREA 1,170 S.Y. REMOVE EX. SIGN AND POST EA. REMOVE EX. GUARD POST BOLLARD EA. REMOVE EX. PAVEMENT STRIPING 250 REMOVE EX. PAVEMENT MARKINGS EA. INSTALL SILT FENCE 270 INSTALL INLET FILTER

10 Mile Road

Location Map

# **DEMOLITION LEGEND**

SAWCUT AND REMOVE EX. ASPHALT PAVEMENT FULL-DEPTH

SAWCUT AND REMOVE EX. CONCRETE PAVEMENT FULL-DEPTH CLEAR & GRUB GRASS/GRAVEL AREA

·//·//·//·//·//·//·//·//·// INDICATES EX. PAVT. MRKG. REMOVAL INDICATES EX. SIGN OR BOLLARD TO BE REMOVED

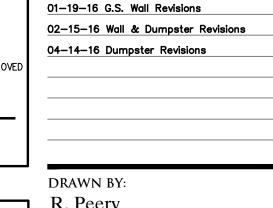
FOR FUTURE PAVEMENT

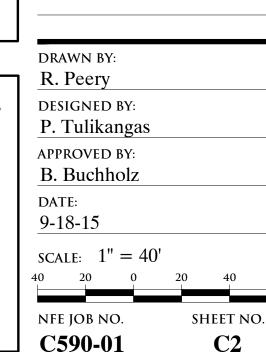
SESC LEGEND INDICATES PR. SILT FENCE

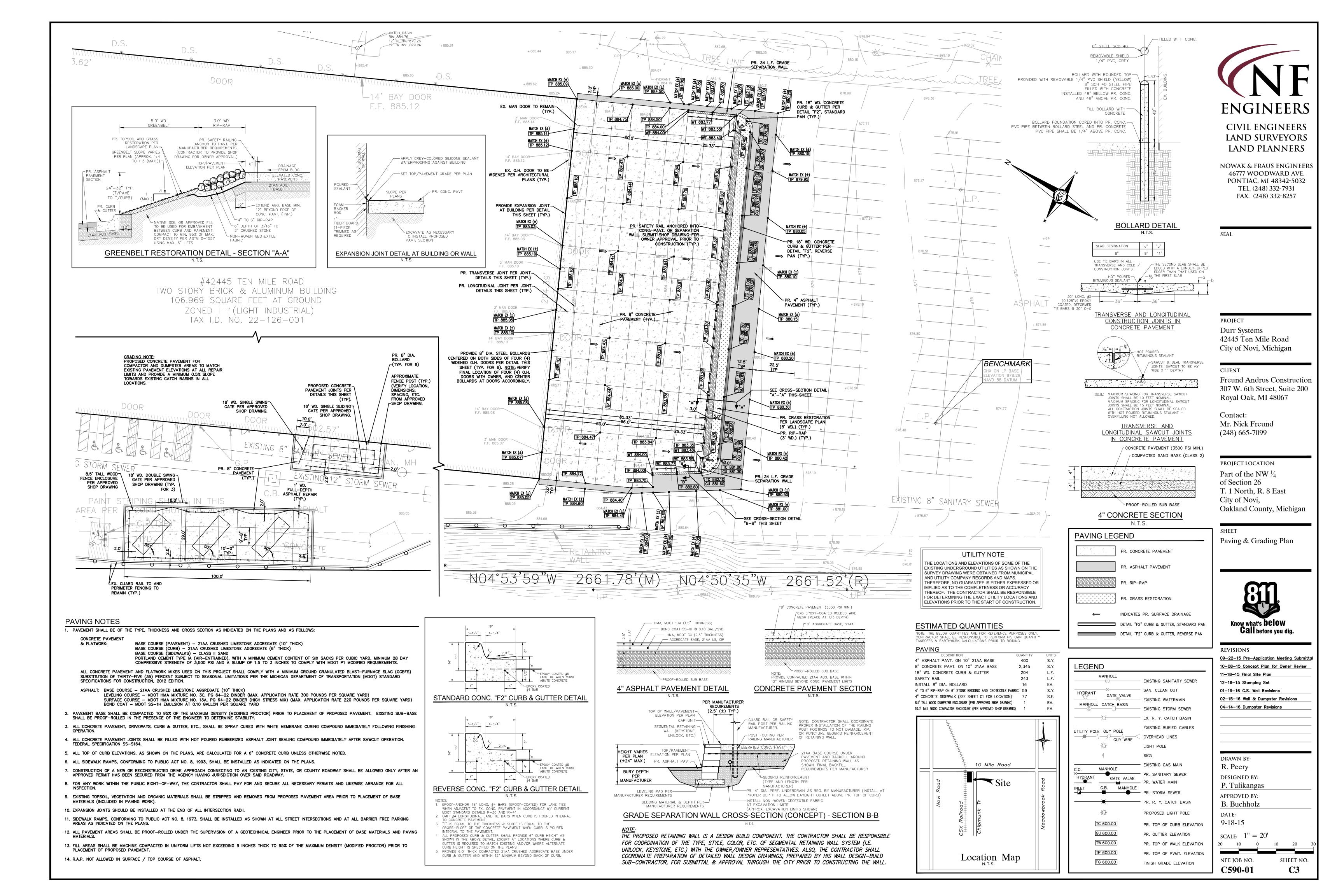
LEGEND EXISTING SANITARY SEWER SAN. CLEAN OUT GATE\_VALVE EXISTING WATERMAIN MANHOLE CATCH BASIN EXISTING STORM SEWER EX. R. Y. CATCH BASIN EXISTING BURIED CABLES UTILITY POLE GUY POLE OVERHEAD LINES

LIGHT POLE

# Call before you dig. REVISIONS 09-22-15 Pre-Application Meeting Submitte 10-08-15 Concept Plan for Owner Review 11-18-15 Final Site Plan 12-16-15 Stamping Set









April 14, 2016

Mr. Christopher Gruba Planner City of Novi 45175 W. Ten Mile Road Novi, MI 48375

Re:

Durr Systems Project – 42445 Ten Mile Rd.

NFE # C590-01

City of Novi Reference No. JSP 15-67

**Site Plan Revisions** 

Dear Mr. Gruba

On behalf of our client, Freund Andrus Construction, and the facility Owner, Durr Systems Inc. (Durr) we providing the following letter that serves to detail the revisions made to the plans as requested in the City of Novi's site plan revision submittal form.

### Sheet C1-Overall Site Plan & Storm Water Management Plan (SWMP)

Plan revisions are detailed below:

- 1. The dumpster enclosure area on the western portion of the site has been reduced in size, along with the associated concrete and asphalt pavement repairs that are required to install the enclosure. The previous enclosure shown accommodated four dumpsters, and the new enclosure will accommodate three dumpsters.
- 2. The construction area #4 disturbance area callout and total disturbance area note have been revised to reflect the reduction in size of construction area #4 (western dumpster area noted above).

#### **Sheet C2-Demolition & SESC Plan**

Plan revisions are detailed below:

- 1. The pavement removal areas have been updated to reflect proposed reduction of construction area #4 (western dumpster area noted above).
- 2. The overall disturbance area has been updated in the soil erosion notes.

**NOWAK & FRAUS ENGINEERS** 

Ms. Christopher Gruba

City of Novi

RE: Durr Systems - 42445 Ten Mile Rd. (JSP 15-67)

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### Sheet C3-Paving & Grading Plan

Plan revisions are detailed below:

1. The reduced-size western dumpster area is reflected on this sheet, and applicable callouts have been revised to show capacity for three dumpsters instead of the previous four. Applicable pavement quantity updates are reflected in the estimated quantities table.

Please review the attached documentation, and feel free to contact us if you have questions or require further documentation.

Sincerely,

Paul Tulikangas, P.E. Project Engineer

#### **Attachments:**

- (7) Revised sets of plans w/ original seal and signatures
- (1) Completed Site Plan Revision Submittal Form

VOICE: 248.332.7931 FAX: 248.332.8257