



ZONING DIVISION  
200 S. Hamilton Road  
Gahanna, Ohio 43230  
614-342-4025  
zoning@gahanna.gov  
www.gahanna.gov

## DESIGN REVIEW/CERTIFICATE OF APPROPRIATENESS APPLICATION

PLEASE NOTE: This application is not to be considered complete until all documents are received and approved by the Planning & Zoning Administrator.

Project/Property Address or Location: <b>500 NORTH HAMILTON ROAD</b>		Project Name/Business Name (if applicable): <b>SECURE STORAGE - VARIOUS WORKSHOPS</b>	
Parcel ID No.(s): <b>025-001809-00</b>	Current Zoning: <b>R1D</b>	Total Acreage: <b>13.3 ACRES</b>	
Please check all that apply:			
<input checked="" type="checkbox"/> SITE PLAN	<input type="checkbox"/> LANDSCAPING	<input type="checkbox"/> BUILDING DESIGN	<input type="checkbox"/> DEMOLITION <small>only applicable to Code Chapter 1150, Olde Gahanna</small>
<input type="checkbox"/> SIGNAGE <small>- please use the Permanent Sign Permit Application</small>			
Additional Information (if applicable): <b>8' HIGH CHAIN LINK FENCE INSTALLATION TO SECURE FRANKLIN COUNTY TRANSPORTATION VANS</b>			
APPLICANT Name (primary contact) -do not use a business name: <b>LARRY RANCOUR</b>		Applicant Address: <b>230 BRADENTON AVE, DUBLIN, OH</b>	
Applicant E-mail: <b>LRANCOUR@SCHORRARCHITECTS.COM</b>		Applicant Phone No.: <b>614.798.2096</b>	
BUSINESS Name (if applicable): <b>SCHORR ARCHITECTS, INC</b>			
ATTORNEY/AGENT Name: <b>N/A</b>		Attorney/Agent Address: <b>N/A</b>	
Attorney/Agent E-Mail: <b>N/A</b>		Attorney/Agent Phone No.: <b>N/A</b>	
ADDITIONAL CONTACTS (please list all applicable contacts)			
Name(s):		Contact Information (phone no./email):	
Contractor <b>TBD</b>			
Developer <b>TBD</b>			
Architect <b>SCHORR ARCHITECTS</b>		<b>614.798.2096 LRANCOUR@SCHORRARCHITECTS</b>	
PROPERTY OWNER Name: (if different from Applicant) <b>FRANKLIN COUNTY BOARD DD</b>		Property Owner Contact Information (phone no./email): <b>614.342.5748 MIKE BOYCE @ FCBDP.ORG</b>	

APPLICANT SIGNATURE BELOW CONFIRMS THE SUBMISSION REQUIREMENTS HAVE BEEN COMPLETED (see page 2 & 3)

I certify that the information on this application is complete and accurate to the best of my knowledge, and that the project as described, if approved, will be completed in accordance with the conditions and terms of that approval.

Applicant Signature: 

Date: 12.1.2018

THIS FORM IS AVAILABLE TO BE SUBMITTED ONLINE: [www.gahanna.gov](http://www.gahanna.gov)

INTERNAL USE

Zoning File No. DR-313-2018

PC Meeting Date: \_\_\_\_\_

PC File No. \_\_\_\_\_

RECEIVED: KAW

DATE: 12-6-18

PAID: 50.00

DATE: 12-6-18

CHECK#: 20780





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## DESIGN REVIEW/CERTIFICATE OF APPROPRIATENESS APPLICATION-SUBMISSION REQUIREMENTS

PLEASE NOTE: This application is not to be considered complete until all documents are received and approved by the Planning & Zoning Administrator.

STAFF USE - INTAKE	TO BE COMPLETED/SUBMITTED BY THE APPLICANT:	APPLICANT		STAFF USE	
		YES	N/A	YES	N/A
	1. Review Gahanna Code <a href="#">Section 1197</a> (visit <a href="http://www.municode.com">www.municode.com</a> )		✓		
	2. Pre-application conference with staff	✓	✓		
	3. Materials List (see page 3) – does not apply to demolition applicants	✓			
	4. Authorization Consent Form Complete & Notarized (see page 4)	✓			
	5. Application & all supporting documents submitted in digital format	✓			
	6. Application & all supporting documents submitted in hardcopy format	✓			
	7. Application fee paid (in accordance with the <a href="#">Building &amp; Zoning Fee Schedule</a> )	✓			
<b>PLEASE CONTINUE TO THE APPROPRIATE SECTION OF REQUIREMENTS FOR YOUR PROJECT</b>					
<b>NOTE: All Plans must be submitted in 8.5x11", 11x17", or 24x36" (folded, not rolled, to 8.5x11")</b>					
<b>SITE PLAN / LANDSCAPING / BUILDING DESIGN REQUIREMENTS</b>					
<b>GENERAL REQUIREMENTS</b>					
	1. One 24"x36" & One 11"x17" prints of the plans	✓			
	2. Color photographs illustrating the site, buildings, & other existing features as well as adjacent properties (identify photograph location)		✓		
	3. A list of all samples to include color names & PMS #'s (required for all exterior materials) – please bring samples to meeting(s)		✓		
	4. Color rendering(s) of the project in plan/perspective/or elevation		✓		
<b>BUILDING CONSTRUCTION, EXTERIOR REMODELING, &amp; ADDITIONS (INCLUDING PARKING LOTS &amp; LANDSCAPING)</b>					
	1. <b>SITE PLAN</b> that includes the following: (include: scale, north arrow, & address)	✓			
	- All property & street pavement lines	✓			
	- Gross area of tract stated in square feet	✓			
	- Proposed ingress/egress to the site, including onsite parking area(s), parking stalls, adjacent streets. Delineate traffic flow with directional arrows & indicate location of direction signs or other motorist's aids (if any)	✓			
	- Location of all existing and proposed buildings on the site	✓			
	- Location of all existing (to remain) & proposed lighting standards	✓			
	- Breakdown of parking spaces required & spaces provided (see Gahanna Code <a href="#">Section 1163</a> )	✓			
	- Provide lot coverage breakdown of building & paved surface areas	✓			
	2. <b>LANDSCAPE PLAN</b> (including plant list)	✓			
	- Existing landscaping that will be retained & proposed landscaping shall be differentiated & shown on the plan. The type, size, number, & spacing of all plantings & other landscape features must be illustrated		✓		
	- Location of all isolated existing trees having a diameter of six"+; (tree masses may be shown with a diagrammatic outline & a written inventory of individual trees exceeding 6" in caliper)		✓		
	- Designation of required buffer screens (if any) between parking area & adjacent property		✓		
	- Interior landscaping breakdown for paved surface (see Gahanna Code <a href="#">Section 1163</a> )		✓		
	3. <b>ELEVATIONS</b> from all sides & related elevations of any existing structures that includes the following: (include: scale, north arrow, & address)		✓		
	- Exterior materials identified		✓		
	- Fenestration, doorways, & all other projecting & receding elements of the building exterior		✓		
	4. <b>LIGHTING STANDARD DRAWING</b> that includes the following: (scaled drawing)		✓		
	- All sizing specifications		✓		
	- Information on lighting intensity (no. of watts, isofootcandle diagram, at least 1/2 ft. candles req.)		✓		
	- Materials, colors, & manufacturer's cut sheet		✓		
	- Ground or wall anchorage details		✓		

CONTINUE TO PAGE 3



5. OPTIONAL REQUIREMENTS AT THE DISCRETION OF PLANNING COMMISSION:		✓		
- Scale model				
- Section profiles				
- Perspective drawing				
<b>DEMOLITION OR REMOVAL OF EXISTING STRUCTURES REQUIREMENTS</b>				
1. ONE OR MORE OF THE FOLLOWING CONDITIONS MUST EXIST:				
- That the building contains no features of special architecture or is not a historical building or culturally significant or is not consistent in design & style with other structures within the district		✓		
- That there exists no viable economic use for the building in its current state or as it might be restored or that there is not a feasible and prudent alternative to demolition and that the approval of the demolition is necessary for the preservation and enjoyment of substantial property rights		✓		
- That the applicant has a definite plan for redevelopment of the site which meets the standards of this Code and the proposed redevelopment will not materially affect adversely the health or safety of persons residing or working in the district where the demolition will occur and will not be materially detrimental to the public welfare or injurious to property or improvements in such neighborhood		✓		

MATERIAL LIST			
NOT REQUIRED FOR DEMOLITION APPLICANTS			
Item	Manufacturer Name	Color Name	Color Number
Awnings			
Brick			
Gutters and Downspouts			
Lighting			
Roofing			
Siding			
Signs			
Stucco			
Trim			
Windows			

THIS FORM IS AVAILABLE TO BE SUBMITTED ONLINE: [www.gahanna.gov](http://www.gahanna.gov)

## AUTHORIZATION CONSENT FORM

(must sign in the presence of a notary)

If you are filling out more than one application for the same project & address, you may submit a copy of this form with additional applications.

### AUTHORIZATION FOR OWNER'S APPLICANT OR REPRESENTATIVE(S) If the applicant is not the property owner, this section must be completed & notarized.

I, MIKE BOYCE (FCBDD), the owner or authorized owner's representative of the subject property listed on this application, hereby authorize LARRY RANCOUR (SCHORR ARCH) to act as my applicant or representative(s) in all matters pertaining to the processing and approval of this application, including modifying the project. I agree to be bound by all terms and agreements made by the designated representative.

Property Owner Signature: \_\_\_\_\_

Date: 12.1.2018

### AUTHORIZATION TO VISIT THE PROPERTY

I, MIKE BOYCE (FCBDD), the owner or authorized owner's representative of the subject property listed on this application, hereby authorize City representatives to visit, photograph and post notice (if applicable) on the property as described in this application.

Property Owner Signature: \_\_\_\_\_

Date: 12.1.2018

Subscribed and sworn to before me on this 3<sup>RD</sup> day of DECEMBER, 2018.

State of OHIO County of FRANKLIN

Notary Public Signature: \_\_\_\_\_

Sandra K. Felver



### AGREEMENT TO COMPLY AS APPROVED

I, LARRY RANCOUR, the applicant of the subject property listed on this application, hereby agree that the project will be completed as approved and any proposed changes to the approved plans shall be submitted for review and approval to the Zoning Division staff.

Applicant Signature: \_\_\_\_\_

Date: 12.1.2018

Subscribed and sworn to before me on this 3<sup>RD</sup> day of DECEMBER, 2018.

State of OHIO County of FRANKLIN

Notary Public Signature: \_\_\_\_\_

Sandra K. Felver





## APPLICATION ACCEPTANCE

INTERNAL USE

This application has been reviewed and is considered complete and is hereby accepted by the Zoning Division of the City of Gahanna and shall be:

- ☒ Forwarded to the City of Gahanna Planning Commission for consideration.  
☐ Forwarded to Administration for consideration.

Planning & Zoning Administrator Signature: \_\_\_\_\_

Date: 12/19/18

## APPROVAL BY THE PLANNING & ZONING ADMINISTRATOR

In accordance with the Codified Ordinances of the City of Gahanna, Ohio, I hereby certify that this project, as stated above, was approved by the Planning & Zoning Administrator on \_\_\_\_\_. The applicant shall comply with any conditions approved by the Planning & Zoning Administrator and shall comply with all building, zoning and landscaping regulations of the City of Gahanna.

INTERNAL USE

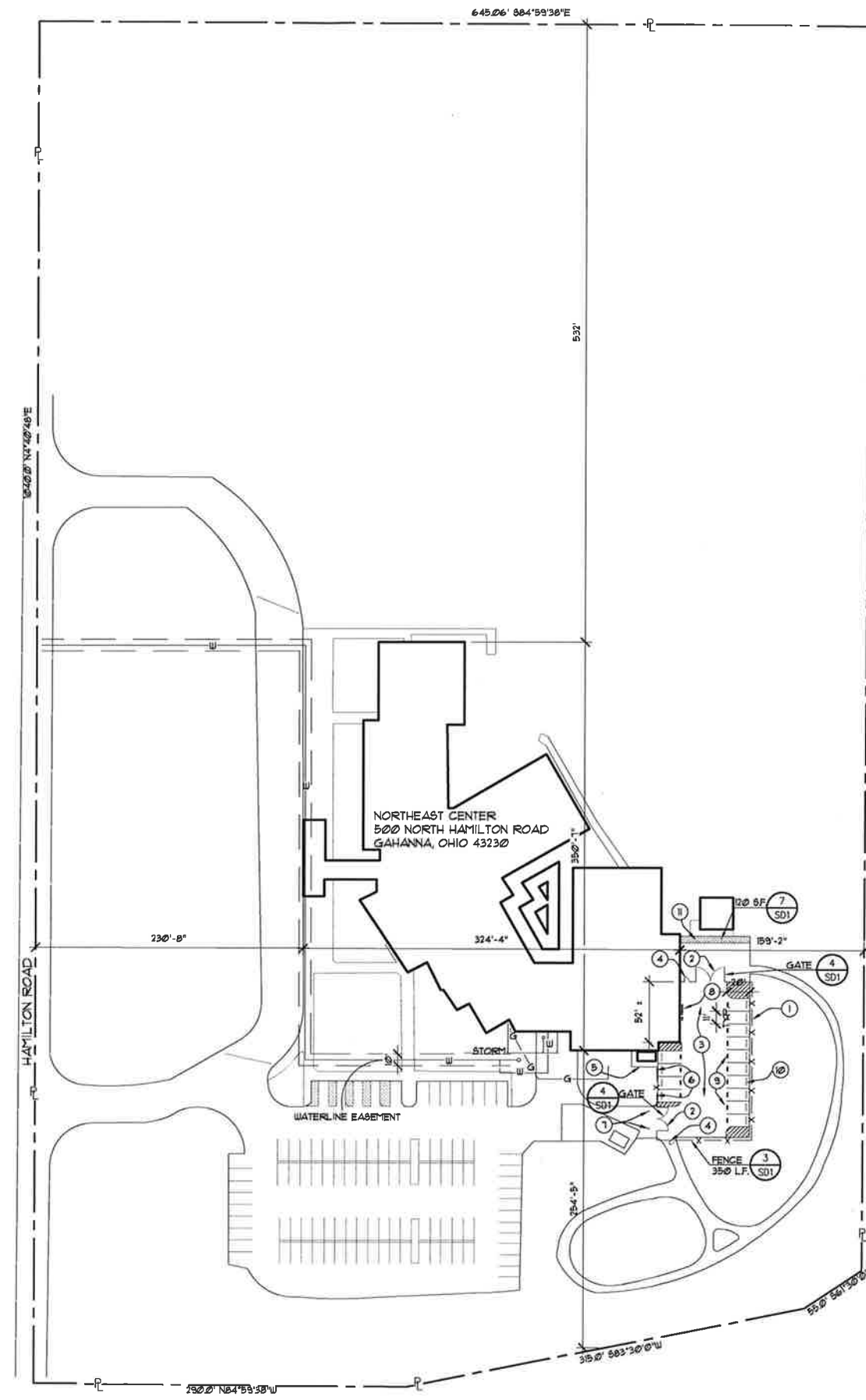
Planning & Zoning Administrator Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Chief Building Official Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Director of Public Service Signature: \_\_\_\_\_ Date: \_\_\_\_\_

City Engineer Signature: \_\_\_\_\_ Date: \_\_\_\_\_

*This application will be forwarded to Planning Commission read by title at the first regular meeting of Planning Commission following approval by the Planning & Zoning Administrator.*



1 CONSTRUCTION PLAN  
1" = 60'-0" 1

CODED NOTES

INDICATED BY: ○

- APPLICABLE TO SHEET C400
1. PROVIDE NEW 8' HIGH GREEN VINYL FENCE IN THIS AREA. CORE DRILL THRU EXISTING ASPHALT PAVEMENT FOR FOOTINGS.
  2. PROVIDE NEW 20'-0" (TWO-LEAF) SWING GATE - MATCH FENCING DETAILS.
  3. BLACKOUT EXISTING PAVEMENT STRIPING AND RESTRIFE AREA INSIDE FENCE AS INDICATED. PROVIDE MINIMUM OF (2) COATS OF PAVEMENT MARKINGS.
  4. PROVIDE NEW 3'-0" (SINGLE-LEAF) SWING GATE. MATCH FENCE DETAILS.
  5. RUN FENCE AROUND PERIMETER OF SHED. PROVIDE 5'-0" CLEARANCE.
  6. EXISTING SIGN POLES TO REMAIN. TYPICAL OF (3).
  7. EXISTING GATE POST AND FOUNDATIONS TO BE COMPLETELY REMOVED. PROVIDE HEAVY DUTY ASPHALT PATCH, RE: 1/8DI.
  8. PROVIDE 18" HIGH "NO PARKING" PAVEMENT TEXT LETTERING.
  9. PROVIDE 12" HIGH "VAN" PAVEMENT TEXT LETTERING, TYPICAL EACH PARKING SPACE.
  10. PROVIDE (14) PRECAST CONCRETE PARKING BLOCKS, SET BLOCKS BACK 3'-0" FROM FACE OF FENCE. PARKING BLOCK MATERIAL PROVIDED BY FCBDD. COORDINATE PICK UP LOCATION.
  11. G.C. TO PATCH ASPHALT IN THIS AREA E.C. TO SAWCUT AND EXCAVATE TRENCH FOR NEW WIRING.

FEMA NOTES

ACCORDING TO THE FEDERAL EMERGENCY MANAGEMENT AGENCY'S FLOOD INSURANCE RATE MAP (DATED 6/17/2003), THE SUBJECT PARCEL SHOWN HEREON LIE WITHIN ZONE "X" MAP NO. 39049C021K. ADJOINING PANELS 0203 NORTH, 0213 SOUTH, 0212 EAST AND 0192 WEST. AREA DETERMINED TO BE OUTSIDE OF THE 0.2% ANNUAL CHANCE FLOODPLAIN.

PARCEL BOUNDARIES:  
NORTHWEST: 82' 52' 30.0"  
NORTHEAST: 82' 50' 31.5"  
SOUTHEAST: 82' 50' 31.5"  
SOUTHWEST: 82' 52' 30.0"

DIVISION OF POWER NOTE

FOR THE DIVISION OF POWER, THE DIVISION OF POWER (DOP) MAY HAVE OVERHEAD AND UNDERGROUND PRIMARY, SECONDARY, AND STREET LIGHTING AT THIS WORK LOCATION. THE CONTRACTOR IS HEREBY REQUIRED TO CONTACT CUPS AT 811 OR 1-800-362-2764 FORTY- EIGHT HOURS PRIOR TO CONDUCTING ANY ACTIVITY WITHIN THE CONSTRUCTION AREA.

GENERAL PROJECT DEVELOPMENT NOTES

THIS PROJECT INVOLVES THE CONSTRUCTION OF 380 LINEAL FEET OF 8' HIGH CHAIN LINK FENCING AND (3) SECURITY LIGHTS AT THE BACK OF THE BUILDING. THERE ARE NO NEW DRIVES, ROADS, OR MEANS OF ACCESS BEING PROPOSED BY THIS PROJECT. THERE ARE NO EXISTING OR PROPOSED COTA BUS STOPS, TRAFFIC SIGNALS OR SIDEWALKS THAT WILL BE AFFECTED BY THIS PROJECT.

UTILITY NOTES

- NO PROPOSED SANITARY SEWER IMPROVEMENTS, NEW WORK DOES NOT IMPACT EXISTING SITE DRAINAGE PATTERNS.
- NO PROPOSED WATER LINE IMPROVEMENTS.
- (3) ADDITIONAL SITE LIGHTING IS PROPOSED.

NOTES

1. PEDESTRIAN AND SLIDING GATES SHALL BE EQUIPPED WITH A RAPID KEY ENTRY PROGRAM "KNOX BOX" SYSTEM AS REQUIRED BY THE DIVISION OF FIRE. CONTRACTOR SHALL CONTACT THE DIVISION OF FIRE TO OBTAIN KNOX BOX APPLICATION AND APPROVALS.
2. ALL FENCING INSTALLATIONS AND OPERATIONS SHALL COMPLY WITH THE FOLLOWING:  
OBC 1020.4; EGRESS COURTS  
OBC 1020.5; ACCESS TO PUBLIC WAY  
OBC 310.3; AUTOMATED VEHICULAR GATES  
ASTM F2202; AUTOMATED VEHICULAR GATES CONSTRUCTION

SITE INFORMATION

OWNER: FRANKLIN COUNTY BOARD OF DEVELOPMENTAL DISABILITIES  
2879 JOHNSTOWN ROAD  
COLUMBUS, OHIO 43219

ARCHITECT: SCHORR ARCHITECTS INC.  
230 BRADENTON AVENUE  
DUBLIN, OH 43011  
TONY SCHORR, REGISTERED ARCHITECT  
PH: 614-798-2096  
FX: 614-798-2091

CERTIFIED ADDRESS: 500 N. HAMILTON ROAD  
GAHANNA, OHIO 43230

PARCEL ID: 075-001803-00

ZONING: RID

PARKING SETBACK: N/A

PARKING DATA: UNCHANGED

TOTAL SITE AREA: 13.351 AC. (LEGAL DESCRIPTION)

TOTAL DISTURBED AREA: 0.00 SF.

IMPERVIOUS AREA: 0.00 SF.

SHEET INDEX

C400.1 SITE COMPLIANCE PLAN



VICINITY MAP  
SCALE: N.T.S.

NORTHEAST CENTER  
SITE COMPLIANCE PLAN

SECURE STORAGE  
VARIOUS WORKSHOPS

PREPARED FOR:  
FRANKLIN COUNTY BOARD OF  
DEVELOPMENTAL DISABILITIES  
2879 JOHNSTOWN ROAD  
COLUMBUS, OHIO 43219

**schorr architects inc.**

230 Bradenton Ave.  
Dublin, OH 43017  
(614)798-2096

BID SET 09-28-2018

PERMIT SET 10-15-2018

PLAN REVIEW 12-01-18

COMM. NO.: 1846

C400.1



TONY R. SCHORR, LICENSE #8879  
EXPIRATION DATE 12/31/2019  
12-01-2018





# TECH SPEC

## Aluminized Steel Chain Link Fence Fabric

### ASTM A 491, Federal Spec RR-F-191/1E & AASHTO M-181 Type II

#### 1. PRODUCT NAME

Aluminum Coated steel Chain Link Fence Fabric also known as **Aluminized**.

#### 2. MANUFACTURER

Richard's Fence Company, 1600 Firestone Pkwy, Akron, OH 44301 800-624-5520.

#### 3. PRODUCT DESCRIPTION

##### Basic Use:

Aluminized chain link fence fabric is suitable for industrial, commercial, and institutional applications where the additional corrosion resistance is desired. Aluminized fence fabric is often required by local, state and federal government specifications for use in prison, road, dock, airport, housing, forestry and military applications.

##### Composition and Materials:

The core wire is cold drawn from commercial grade medium/low carbon steel rod to the appropriate diameter. The steel rod from which the wire is drawn shall be produced by the open hearth, electric furnace or basic oxygen process.

The coating is produced by passing the cleaned wire through a molten bath of aluminum metal. Aluminum metal ingots used to produce the coating shall have no more than the following maximum levels of impurities:

Copper - 0.10% maximum Cu  
Iron - 0.50% maximum Fe

The wire is then woven into chain link fence fabric to the mesh size, height and selvage as required by the end user.

##### Standards:

ASTM A 491 Aluminum Coated Steel Chain Link Fence  
ASTM F567 Installation of Chain Link Fence  
ASTM A 817 Metallic Coated Wire for Use in Chain Link Fence  
Federal Specification RR-F-191K/1E Type II Fencing, Wire and Post Metal (Chain-Link Fence Fabric)

American Association of State Highway Transportation Officials (AASHTO) - 181 Chain Link Fence, Type II

#### 4. TECHNICAL DATA

##### General:

The Manufacturer, if requested, will supply samples and certification that all material furnished fully comply with the appropriate specifications.

##### Chain Link Fence Fabric:

The base metal of the chain link fence fabric is composed of commercial quality, medium-carbon aluminum steel wire. The wire is coated with aluminum to produce a smooth and uniform coating. The weight of aluminum coating, wire sizes with allowable variances, and wire breaking strength, as shown in **Table 2**, conform to ASTM A 817 for the wire sized specified. The wire is aluminum coated before weaving.

##### Sizes:

Aluminized fabric is available in mesh sizes from 3/8" to 2" (10mm to 50mm), and in heights from 18" to 264" (457mm to 6,700mm). Not all mesh sizes are available in all heights. See **Table 1**.

Unless otherwise specified, chain link fence fabric woven with a 2" (50 mm) mesh and 60" (1,520 mm) or less in height is knuckled at both selvages and for fabrics 72" (1,830 mm) or greater in height the selvages are knuckled at one edge and twisted at the other end. All fabrics which are woven into mesh sizes under 1" (50 mm) are knuckled at both selvages.

#### 5. INSTALLATION

Install chain link fence fabric in accordance with ASTM Practice 567.

#### 6. AVAILABILITY AND COST

Aluminized steel chain link fence fabric is available for shipment throughout the United States and worldwide. Material costs may vary depending on specific requirements. Costs may be obtained by calling Richard's Fence Company or one of their dealers.

#### 7. WARRANTY

Aluminized steel chain link fence fabric is warranted for 25 years against failure due to rust or corrosion. Note: ASTM specification A 491 and other major specifications state that discoloration or rust on the cut ends of aluminum coated fabric at selvages are not cause for rejection.

#### 8. MAINTENANCE

Periodic inspection is recommended but no routine maintenance is required.

#### 9. TECHNICAL SERVICES

Technical services are available or available from Richard's Fence at 800-624-5520.

500 NORTH HAMILTON ROAD

## Aluminized Steel Chain Link Fence Fabric

ASTM A 491, Federal Spec RR-F-191/1E & AASHTO M-181 Type II

Table 1 - Aluminized Chain Link Fabric Sizes

Mesh Size		Finish Wire Gauge	Fabric Height Inch (mm)	Fabric Selvage K-knuckled, T-Twist	Roll Size	
2"	50mm	6, 9, or 11	18-264(457-6,700)	KK, KT or TT	50'	15.24 m
1-3/4"	44mm	6, 9 or 11	18-264(457-6,700)	KK only	25'	7.62 m
1"	25mm	6, 9 or 11	18-144(457-3,660)	KK only	25'	7.62 m
Maximum Security Mesh						
3/4"	19mm	9,11,12 or 12.5	18-144(457-3,660)	KK only	25'	7.62 m
5/8"	16mm	9,11,12 or 12.5	18-144(457-3,660)	KK only	25'	7.62 m
1/2"	13mm	9,11,12 or 12.5	18-144(457-3,660)	KK only	25'	7.62 m
3/8"	10mm	11, 12 or 12.5	18-144(457-3,660)	KK only	request	request

Fabric with other characteristics may be available. Contact Richard's Fence Company with specific requests.

Table 2 - Aluminum Coated Wire Characteristics

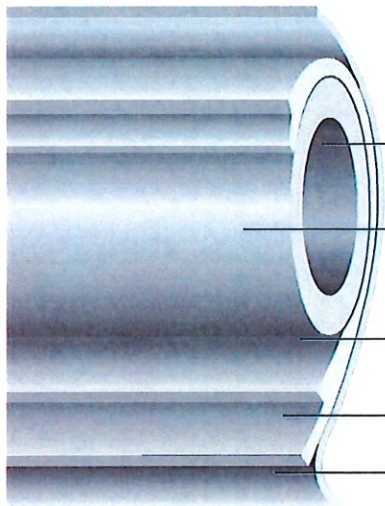
Zinc Coated Core Wire Size			Allowable Wire Variance		Aluminum Coating Weight		Breaking Strength, Minimum		Tensile Strength, Minimum	
ga	inch	mm	inch	mm	oz/ft <sup>2</sup>	g/m <sup>2</sup>	lbf	N	ksi	MPa
6	0.192	4.88	±.005	±0.13	0.4	122	1,290	5,740	75	515
9	0.148	3.76	±.005	±0.13	0.4	122	1,290	5,740	75	515
11	0.12	3.05	±.005	±0.13	0.35	107	850	3,780	75	515
12	0.105	2.6	±.005	±0.13	0.35	107	650	1,290	75	515
12.5	0.098	2.5	±.005	±0.13	0.35	107	620		75	515



# WT-40: Heavy Industrial/Security Framework

## High-strength Spec Fence Framework

The strength and corrosion characteristics of Wheatland WT-40 fence pipe have been tested, documented and certified by independent testing agencies to ensure complete compliance with ASTM F1043, Group IC, and AASHTO M181. Wheatland WT-40 fence framework meets or exceeds the most demanding specifications and codes imposed by private, independent and government agencies.



Wheatland WT-40 fence framework offers protection against corrosion and white rust.

■ **90% zinc-rich interior coating**

■ **Cold-rolled, high-strength steel** provides a minimum yield strength of 50,000 psi

■ **Continuous 1.0 oz./ft<sup>2</sup> +/- 0.1 oz./ft<sup>2</sup> hot-dip galvanized coating**

■ **Intermediate conversion coating** inhibits white rust

■ **Clear polymer coating** seals in protection, and provides a smooth, lustrous finish

## Materials

- 1. Steel**—Steel strip used in the manufacture of Wheatland WT-40 fence pipe shall conform to ASTM A1011 and will meet or exceed all performance criteria set forth in this standard specification.
- 2. Zinc**—Zinc used in Wheatland WT-40 fence pipe shall conform to ASTM B6. Galvanizing shall be continuous hot-dipped on OD.
- 3. Conversion Coating**—An intermediate conversion coating shall be applied in-line over the continuous hot-dip galvanizing coating to inhibit white rust and enhance corrosion resistance.
- 4. Clear Polymer Coating**—A clear polymer coating shall be applied over the intermediate conversion coating. This polymer coating provides a smooth, lustrous protective finish.
- 5. Heat-set Internal Coating**—A heat-set zinc-rich ID coating shall have a minimum zinc loading of 90%.

## Weight of Coatings

- 1. Zinc**—Weight of zinc shall be 1.0 oz./ft.<sup>2</sup> +/- 0.1 oz./ft.<sup>2</sup> and shall be determined by the method described in ASTM A90.
- 2. Intermediate Coating**—Intermediate conversion coatings shall be 30 micrograms/in.<sup>2</sup> +/- 10 micrograms/in.<sup>2</sup> and shall be determined by a strip and weigh method utilizing an atomic absorption spectrophotometer or X-ray fluorescence spectrograph.
- 3. Polymer Coating**—Thickness of the clear polymer coating shall be .5 mils +/- 0.2 mils and shall be determined by measurement with a suitable magnetic or eddy current coating thickness tester.

## Strength Characteristics

- 1. Load Strength**—The strength of line, end, corner and pull posts shall be determined by the use of 4' or 6' cantilevered bend test. The top rail shall be determined by a 10' free-supported beam test.
- 2. Bending Moment**—Pipe strength may be determined via the alternative method of calculating bending moment. (See table.) Conformance can be demonstrated by measuring the yield strength multiplied by the section modulus. The yield strength shall be determined according to the methods described in ASTM E8. For materials under this specification, the 0.2 offset method shall be used in determining yield strength.

## Corrosion Resistance

### 1. Salt Spray

a. *Exterior Surface*— The exterior clear polymer coating shall have a demonstrated ability to resist 1,000 hours or more of exposure to salt fog with a maximum of 5% red rust. Tests shall be conducted in accordance with ASTM B117.

b. *Interior Surface*— The interior zinc-rich surface coating shall withstand no less than 650 hours of exposure to salt fog with a maximum of 5% red rust. Tests shall be conducted in accordance with ASTM B117.

2. **Humidity**— The exterior clear polymer coating of Wheatland WT-40 fence pipe shall resist 500 hours of exposure to 100% relative humidity without signs of blistering or peeling. Tests shall be performed in accordance with ASTM D4585 (D2247).

3. **Weatherometer**— The clear polymer coating of Wheatland WT-40 fence pipe shall resist failure for no less than 500 hours at a black panel temperature of no less than 145° F. Tests shall be performed in accordance with ASTM G155 Xenon Type BH apparatus (formerly G26) or ASTM G153 Carbon Arc Type HH apparatus (formerly G23).

## Specifying Agencies

- American Association of State Highway and Transportation Officials (AASHTO) M181, Grade 2
- Federal specifications RR-F-191/2E and RR-F-191/3E
- U.S. Army Corps of Engineers UFGS-32 31 13
- Department of the Navy
- Federal Highway Administration
- Federal Aviation Administration AC 150/5370-10 Item 162
- U.S. Department of Justice— Federal Bureau of Prisons
- ASTM Specification F1043 Group IC Standard Specification for Strength and Protective Coatings on Steel Industrial Chain Link Fence Framework
- American Institute of Architects (AIA) MasterSpec

## Availability

Wheatland Tube is committed to a full complement of finished inventory. Our high-speed material-handling capabilities enable us to react to special length requests with exceptional order fill rates.

## WT-40 Dimensions and Strength Characteristics

FENCE INDUSTRY	DECIMAL OD EQUIVALENT		PIPE WALL THICKNESS		WEIGHT		SECTION MODULUS		X	MIN. YIELD STRENGTH		=	MAX. BENDING MOMENT	CALCULATED LOAD (LBS.)		
	OD	in.	(mm)	in.	(mm)	lb./ft.	(kg/m)	in. <sup>3</sup>		(mm <sup>3</sup> )	psi			(MPa)	10' Free Supported	Cantilever 4' 6'
1½"	1.660	42.16	0.111	2.82	1.84	2.74	0.1962	4.98	x	50000	345	=	9810	327	204	136
1¾"	1.900	48.26	0.120	3.05	2.28	3.39	0.2810	7.14	x	50000	345	=	14050	468	293	195
2¾"	2.375	60.33	0.130	3.30	3.12	4.64	0.4881	12.40	x	50000	345	=	24405	814	508	339
2¾"	2.875	73.03	0.160	4.06	4.64	6.91	0.8778	22.30	x	50000	345	=	43890	1463	914	610
3½"	3.500	88.90	0.160	4.06	5.71	8.50	1.3408	34.06	x	50000	345	=	67042	2235	1397	931
4"	4.000	101.60	0.160	4.06	6.56	9.76	1.7820	45.26	x	50000	345	=	89098	2970	1856	1237

6½" and 8½" full-weight Schedule 40 per ASTM F1083 is available for terminal post applications.

Specifications, illustrated material and descriptions are accurate as known at time of publication and are subject to change without notice.

## SUBMITTAL INFORMATION

PROJECT:

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CONTRACTOR:

---

DATE:

---

ENGINEER:

---

SPECIFICATION REFERENCE:

---

SYSTEM TYPE:

---

LOCATIONS:

---

COMMENTS:

---

WFE-020217



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# ADVANTAGE

# ONE SOURCE

## SPSV

Color Fencing System



# SPSV

## SPS STEPHENS

PIPE & STEEL



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GREENSBORO, NORTH CAROLINA 800-582-1533  
MELBOURNE, FLORIDA 800-290-7473  
HAYDEN, ALABAMA 800-521-3810  
MOUNT STERLING, OHIO 800-742-3467  
PORT ALLEN, LOUISIANA 866-219-4336  
BLADENSBURG, MARYLAND 866-792-5295  
MANCHESTER, CONNECTICUT 877-777-8721

National Headquarters RUSSELL SPRINGS, KENTUCKY 270-866-3331 or 800-451-2612

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OnGuard Security Fence Systems  
SiteGuard™ and Temporary Fencing  
Extended Lengths in 2-1/2", 3" and 4"



### **Extruded Vinyl Chain Link Fabric**

Vinyl chain link fabric from Stephens Pipe & Steel matches your security and enclosure requirements with the appeal that allows the finished fence to blend in or nearly disappear depending on the colors of vinyl chosen. The jacket, of extruded vinyl chain link fabric from Stephens Pipe & Steel, encompasses the steel core making the product suitable for most residential or light commercial applications.

Meets the tenets of ASTM F668, RR-F-191, AASHTO M 81

### **Vinyl Class 2A Extruded & Bonded Vinyl Chain Link Fabric**

Greater life and protection from the environment is afforded for Class 2A by creating an adhesive bond between the vinyl coating and the core wire. This product offers excellent life for residential and commercial installations. Available in meshes from 3/8" to 2 3/8" and in heights up to 20'.

Meets the tenets of ASTM F668, RR-F-191, AASHTO M 81

### **Vinyl Class 2B Fused and Bonded Chain Link Fabric**

Stephens Pipe & Steel offers this product as its premium vinyl solution. The vinyl coating is thermally fused to the galvanized steel core making it ideal for the most difficult of environmental conditions. Available in meshes from 3/8" to 2 3/8" and in heights up to 20'.

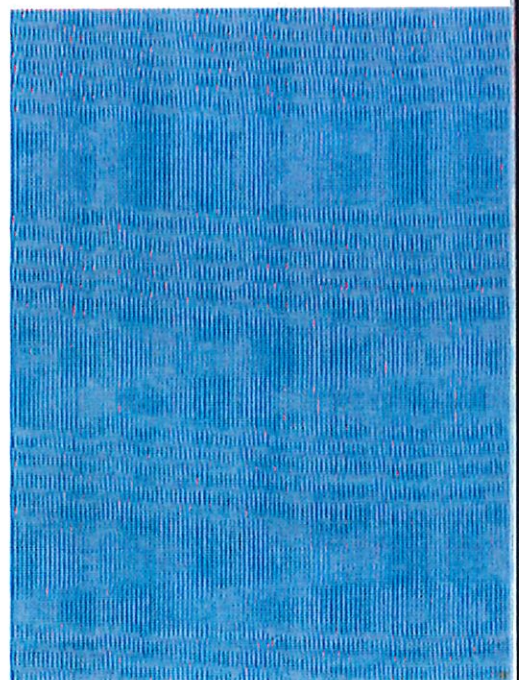
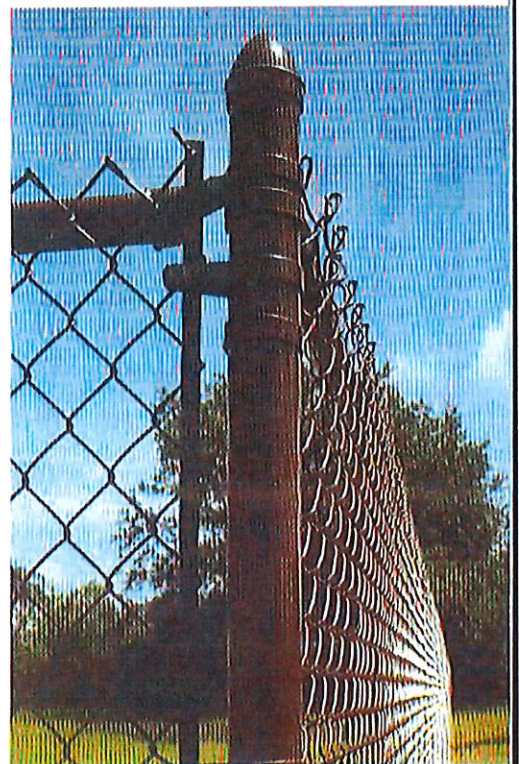
Meets the tenets of ASTM F668, RR-F-191, AASHTO M 81

### **SPSV Framework and Accessories**

After thorough cleaning, the SPSV framework materials are primed and then PVC coated to meet the most rigid government and ASTM specifications. Our industrial-grade vinyl framework is available in ~~Schedule 40~~, **SS 40** ~~and 20~~ type products and structural weight pipe. A wide variety of O.D.s and gauges can be coated to meet your needs. All of our hardware items are primed and then coated in accordance with ASTM 626. Available in **Ensor Green**, ~~Woodland Green~~, ~~Brown~~ and ~~Black~~. ~~Other new stock colors are available.~~

Framework meets the tenets of ASTM F1043

Fittings meet the tenets of ASTM F 626





## COLOR CHART

Woodland Green



Ensor Green



Black



Brown



(Actual color may vary from samples above.)

Offer your customers the safety and security of chain link with the aesthetics of vinyl. Mesh sizes as small as 3/8" in Extruded, Extruded & Bonded (Class A) and Fused & Bonded (Class B).

Ideal for installations including:

RESIDENTIAL

RECREATIONAL FACILITIES

HIGHWAYS

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SPSV Color Fencing System is available through any of our offices nationwide.



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December 18, 2018

Schorr Architects  
230 Bradenton Avenue  
Dublin, OH 43017

RE: Project 500 N Hamilton Rd

Dear Schorr Architects:

The following comments were generated from the review of the submitted plans and documents for the referenced project.

### Building

1. Building plan review and permit is required.

### Parks

2. No Comment Per Julie Hussey

### Public Service & Engineering

3. Fence Permit will be required if approved by Planning Commission.

### Public Safety

4. I do not see any problems that this would cause for police operations

### Community Development

5. It appears the request for an 8' tall fence meets the requirements of the code for placement and height. However, staff generally has some concerns about the aesthetic quality of chain link fences. Please see forthcoming staff report for additional comments.

### Fire District

6. No Comment Received

### Soil & Water Conservation District

7. No Comment Received



**Page 2 of 2**  
**December 18, 2018**  
**Re: Project 500 N Hamilton Rd**  
**500 N Hamilton Rd**

If you have any comments or questions, please contact me at [kelly.wicker@gahanna.gov](mailto:kelly.wicker@gahanna.gov) or (614) 342-4025.

Sincerely,

Kelly Wicker  
Administrative Assistant

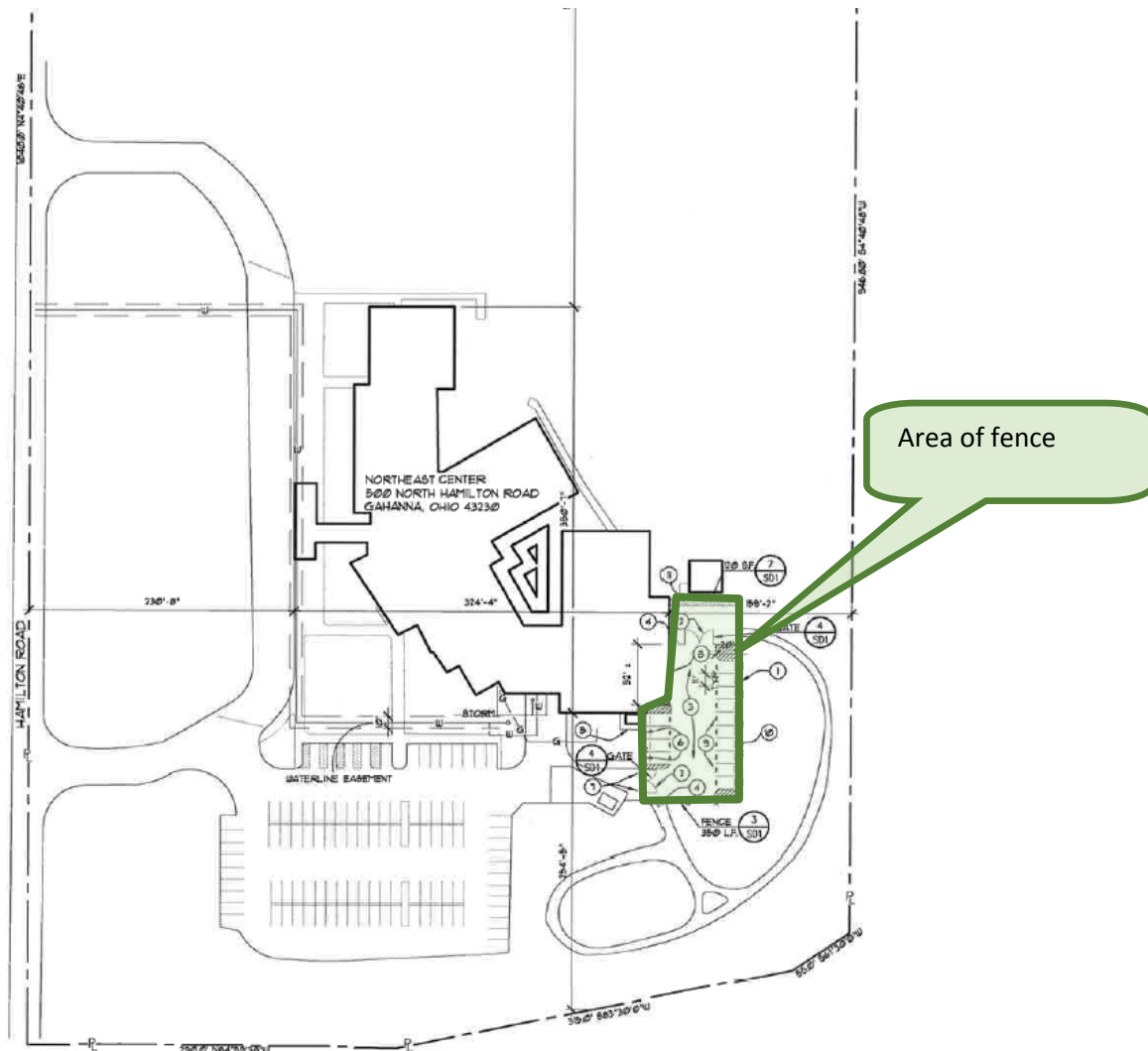
## PLANNING AND DEVELOPMENT STAFF REPORT

### Request Summary

The applicant is requesting Design Review approval of a new eight foot tall chain link fence with green vinyl for the property located at 500 North Hamilton Road. The fence will enclose a portion of the property used to park Franklin County transportation vans. The code normally limits fence height to six feet with a few exceptions. One of those exceptions is for providing secure storage of public property, therefore, the request for eight feet is permissible.

The fence is proposed towards the rear of the property approximately 440 feet from the pavement of Hamilton Road and approximately 75 feet from the adjacent residential lots.

### Site Plan





## Design Review

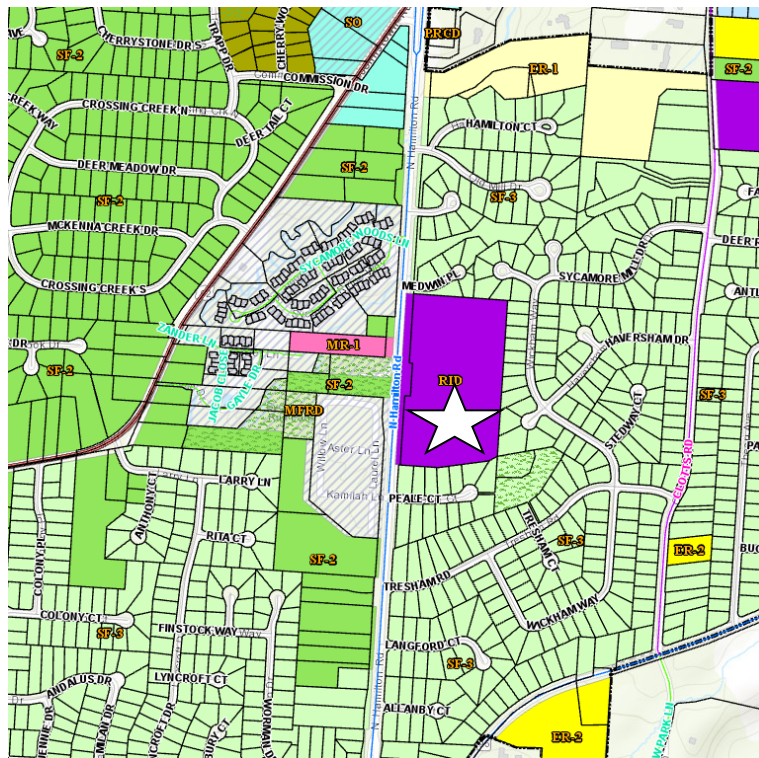
General review criteria for Design Review applications include the following:

- Are stylistically compatible with other new, renovated, and existing structures in the applicable Design Review District in order to maintain design continuity and provide protection of existing design environment.
- Contribute to the improvement and upgrading of the architectural and design character of the Design Review District.
- Contribute to the continuing economic and community vitality of the Design Review District
- Maintain, protect and enhance the physical surroundings of the Design Review District.

## Recommendation

It is Planning and Development staff's opinion that the requested application is consistent with the zoning code. However, staff is not aware of many, if any non-residential properties on Hamilton Road that have eight foot tall fences for securing vehicles. The fence is setback over 400 feet from the road so visibility should be minimal. Because of the proximity to residential, staff believes that a six foot tall fence would be more appropriate.

## Location/Zoning Map



Respectfully Submitted By:

Michael Blackford, AICP

Deputy Director