

**Rowland Unified School District**  
**Nogales High School**  
**Scope of work for fence replacement**

**CHAIN LINK FENCE CRITERIA**

Replace approx 925' X 12' existing chain link fencing with 8 gauge black vinyl coated chain link fence with 1" mesh openings.

Replace approx 50' X 6' chain link fencing with 8 gauge black vinyl coated chain link fence with 1" mesh openings.

Replace all top and middle rails, to be vinyl coated black.  
Install new bottom rail on all fencing, to be vinyl coated black.

Remove and replace 5 existing gates with 5 new gates. Please reference gate diagram

Remove and reinstall existing windscreen after chain link fencing installation.  
( windscreen to be stored at site)

**SCOPE OF WORK/SPECIFICATIONS**

- 1) Remove and dispose of existing chain link fencing approx 975 linear ft.
- 2) Chain link on new gates to be 8 gauge black vinyl coated with 1" mesh openings. Replace all gate frames. All gate frames shall be constructed with 1 7/8" diameter, schedule 80, galvanized steel pipe (minimum) and vinyl coated black. Corners and end-posts shall be box-braced.
- 3) Replace all hardware, gate hinges, brace bands, tension bands, tension bars, rail ends, eye tops, etc. All to be vinyl coated black.
- 4) Clean, primer and paint all posts with the materials listed on the spec sheet included.
- 5) Chain link wire will be an 11 gauge core coated with black vinyl creating an 8 gauge finish on the 975' with 1" mesh

Contractor is to provide porta-potty and wash station facilities and trash receptacle(s) for his/her employees for the duration of the project. Trash receptacle is to be emptied daily and toilet(s) & wash station(s) maintained as

specified by the toilet vendor. Location of the above items is to be approved by a District Representative.

Contractor's staging area/material lay-down area is to be designated by a District Representative.

Public sidewalks shall be kept clear of debris and open for public pedestrian use at all times. At no time shall pedestrians be forced onto the street for passage.

At the end of each work day the Contractor shall clean the affected area and "safe-off" any open holes and/or trenches so as not to pose a safety hazard to students, staff or the general public.

All Contractor employees are not to communicate with students and staff and shall direct all questions from the public and/or Press to the District Office.

All Contractor employees assigned to physically work at the school site, shall have been 'Live-Scanned' and "cleared" by U.S. D.O.J. prior to the start of project.

Prior to submitting the final pay application for this project, the contractor shall request that the District conduct a "punch-walk". All items indicated on punch-list (if any) shall be addressed and signed-off by District Representative prior to the acceptance of the final pay application.

**All work to be completed according to standard practices. Any alterations or deviations from the above specifications incurring extra cost must be provided in writing to Rowland Unified School District Purchasing Department.**

**All work to be completed within 30 calendar days from the day from Notice to proceed.**

**See attached installation diagram for gate # and size of gates**

**All work to be completed according to standard practices. Any alterations or deviations from the above specifications incurring extra cost must be provided in writing to Rowland Unified School District Purchasing Department.**

**All work to be completed within 30 calendar days from the day from Notice to proceed.**

# KRUD KUTTER Pre-Paint Cleaner / TSP Subst



PC326 - 32 oz Spray

## ABOUT PRE-PAINT CLEANER / TSP SUBSTITUTE

Cleans and deglosses surface so paint adheres better. Use on latex and polyurethane, or as a wall preparation prior to wallpaper. Removes smoke, mildew, food stains, heel marks, crayon, old wallpaper. Safe on unpainted wood, metal, or vinyl wallpaper. Do not use on porous surfaces.

### Removes:

- ✓ Dirt
- ✓ Grease
- ✓ Grime
- ✓ Nicotine
- ✓ Mildew
- ✓ Food Stains
- ✓ Heel Marks
- ✓ Crayon
- ✓ Old Wallpaper

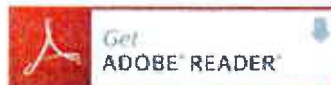
### Features:

- Prepares surfaces prior to painting
- Improves paint adhesion
- No unpleasant odour
- No-rinse formula

## Technical Documents

Pre-Paint Cleaner / TSP Substitute Technical Data Sheet

SKU	Color	UPC	Size
PC326	KRDKUT QT 6PK TRG NO RINSE PREPAINT CLNR	618818610009	



**Note:** To view the SDS or TDS you

**TECHNICAL DATA****KRK-30****KRUD KUTTER®  
PRE-PAINT CLEANER TSP SUBSTITUTE****DESCRIPTION AND USES**

Krud Kutter® Pre-Paint Cleaner TSP Substitute cleans and de-glosses surfaces prior to painting. It is a ready-to-use, spray on-wipe off formula that cleans and de-glosses surface so paint adheres better.

Use on all paints, varnish, lacquer, and polyurethane, or as a wall preparation prior to wallpapering. Removes dirt, grease, grime, smoke, mildew, food stains, heel marks, crayon, old wallpaper paste, and wax from painted or unpainted wood, metal or vinyl wallpaper. Do not use on porous or non-washable wallpaper.

**MAY BE PAINTED OVER ANYTIME AFTER 10 MINUTES!**

**FEATURES**

- Water-based
- Biodegradable
- Non-Toxic
- Non-flammable

**PRODUCT**

SKU	DESCRIPTION
PC326	32 Oz. Trigger Sprayer

**PRODUCT APPLICATION****DIRECTIONS**

Always pre-test before use. Do not dilute. Use full strength. Pre-moisten rag, cloth, or sponge with Pre-Paint Cleaner. Spray directly on surface, and blot away any overspray immediately. Apply pre-moistened cloth to surface in a circular motion. Wipe off with a clean cloth, turning often to avoid smears. When the clean, de-glossed surface is dry to the touch (usually about 10 minutes), new paint finish can be applied. Repaint when dry, or within a week, before soiled again.

**CAUTION: EYE AND SKIN IRRITANT.** In case of contact with eyes or skin, flush with water for 15 minutes. If irritation persists, seek medical attention. If swallowed, take large amounts of water. **Do not induce vomiting.** Get medical attention.

**NO PETROLEUM SOLVENTS, BLEACH OR AMMONIA.  
KEEP OUT OF REACH OF CHILDREN.**

**PHYSICAL PROPERTIES**

PRE-PAINT CLEANER TSP SUBSTITUTE	
<b>Composition</b>	Proprietary Blend of Biodegradable Surfactants, Detergents and Emulsifiers
<b>Color</b>	Clear
<b>pH</b>	<12
<b>VOC</b>	1% by weight
<b>Practical Coverage</b>	32 ounces – 50-75 square feet
<b>Shelf Life</b>	NA
<b>Flash Point</b>	Non-flammable
<b>Caution</b>	<b>CAUTION: EYE AND SKIN IRRITANT.</b> In case of contact with eyes or skin, flush with water for at least 15 minutes. If irritation persists, seek medical attention. If swallowed, take large amounts of water. <b>Do not induce vomiting.</b> Get medical attention. <b>KEEP OUT OF REACH OF CHILDREN.</b>
<b>Safety Information</b>	For additional information, see SDS

The technical data and suggestions for use contained herein are correct to the best of our knowledge, and offered in good faith. The statements of this literature do not constitute a warranty, express, or implied, as to the performance of these products. As conditions and use of our materials are beyond our control, we can guarantee these products only to conform to our standards of quality, and our liability, if any, will be limited to replacement of defective materials. All technical information is subject to change without notice.



Rust-Oleum Corporation  
11 Hawthorn Parkway  
Vernon Hills, Illinois 60061

Phone: 800-466-7126  
www.rustoleum.com/krudkutter

Form: GDH-527  
Rev.: 011819



THE #1 CHOICE OF PAINTING PROFESSIONALS!

# ENDURA-COAT®

Interior/Exterior Semi-Gloss  
Industrial Maintenance Coating

ENCT50



## DESCRIPTION

ENDURA-COAT® is a high performance, interior/exterior, low VOC, direct to metal, water-based acrylic Industrial Maintenance Coating with excellent adhesion and corrosion resistance. It can be used on properly prepared primed wood, masonry, plaster or drywall. ENDURA-COAT can be used as a direct-to-metal coating on properly cleaned and prepared metal substrates. For maximum protection, use of a substrate specific primer is always recommended.

**For Professional Use Only. Not for residential use.**  
(See SPECIAL INSTRUCTIONS re: Within SCAQMD.)

## PRODUCT DATA

**SOLVENT TYPE:** Waterborne

**FINISH:** Semi-Gloss: 40-50% on a 60° meter

**RESIN TYPE:** Acrylic

**COLORS:** Stock Colors: Black, Safety Red, Safety Yellow. Other colors can be special ordered or store mixed.

**TINT BASES:** L Tintable White, M Medium, U Ultra Deep

**VISCOSITY@77°F/25°C (ASTM D 562):** 94-100 KU

**MAXIMUM VOC CONTENT:** 100 g/L

**MAXIMUM RAVOC (Reactivity-Adjusted VOC):** 55 g/L

**SOLIDS BY VOLUME (ASTM D 2697):** 40.5% ± 2%

**SOLIDS BY WEIGHT:** 53.6% ± 2%

**WEIGHT PER GALLON (ASTM D 1475):** 10.62 lbs.

### COMPOSITION BY WEIGHT

<b>Pigment—25.9%</b>	<b>Vehicle—74.1%</b>
*Prime pigments ..... 25.0	Resins.....24.1
Reinforcing pigments ..... 0.9	Water & additives .....50.0

\*Prime pigments include titanium dioxide (TiO<sub>2</sub>), plus all other pigments directly adding to the hiding power of this paint.

### RECOMMENDED FILM THICKNESS PER COAT

Wet: 3.7 mils                      Dry: 1.5 mils

### PRACTICAL COVERAGE PER COAT AT RECOMMENDED DRY FILM THICKNESS

Approximately 375-425 sq. ft. per gallon, depending on surface conditions and application techniques.

**THINNING RECOMMENDATION:** This coating is intended to be applied without thinning or diluting under normal environmental and application conditions. If necessary to maintain good workability, add up to 1/4 pint (4 fl. oz.) of clean water per gallon of coating.

**AVERAGE DRY TIME@77°F/25°C (ASTM D 1640)**

To touch: 1-2 hours

Recoat: 2-4 hours

Dry times and recoat times are temperature, humidity and film thickness dependent.

**PACKAGING:** One gallon containers

**STORAGE:** Store in a dry area. Protect from freezing. Protect from temperatures above 110°F for extended periods of time. Extreme temperatures may cause paint to become unusable. See *Paint Storage Best Practices* Technical Bulletin at [dunnedwards.com](http://dunnedwards.com) for more information.

**CLEANUP:** Warm, soapy water

**DISPOSAL:** For information on local options to dispose of unwanted leftover paint, call Dunn-Edwards Customer Service at 1-888-DEPAINT or visit [www.dunnedwards.com](http://www.dunnedwards.com). **Do not mix with other products.**

**SAFETY DATA SHEET:** Available at [dunnedwards.com](http://dunnedwards.com)

## APPLICATION

**TEMPERATURE:** 50°F minimum, 90°F maximum (air, surface and material). Surface temperature must be at least 5°F above dew point.

**RELATIVE HUMIDITY:** 85% maximum

AIRLESS SPRAY	BRUSH	ROLLER
<b>PRESSURE:</b> 1800-2500psi	Polyester/Nylon	1/4" - 3/8" nap
<b>TIP:</b> .013"-.017"		

## CONFORMS TO

ARB 2007 SCM & CALGreen 2016; LEED 2009 IEQ Credit 4.2; MPI Approved Product #153,163

## ASTM TEST METHODS

### ADHESION (to properly primed surfaces)

**METHOD:** ASTM-D3359

**RESULT:** Excellent (4B)

### ACCELERATED WEATHERING

**METHOD:** ASTM-D4587, 2000 hours

**RESULT:** Gloss Retention: Excellent (100%)

Color Retention: ΔE < 0.88

### CORROSION RESISTANCE (1 prime coat + 1 topcoat)

**METHOD:** ASTM-G- 85. A5, 504 Hours

**RESULT:** Pass

### PENDULUM HARDNESS

**METHOD:** ASTM-D4366, 7 days cure, >25 counts

**RESULT:** Excellent

## ASTM TEST METHODS (cont)

### FLEXIBILITY

**METHOD:** ASTM-D522, 180° bend, 1/8" mandrel

**RESULT:** Pass

### PENCIL HARDNESS

**METHOD:** ASTM-D3363

**RESULT:** Excellent (4H)

### CHEMICAL RESISTANCE

**METHOD:** ASTM-D1308

**RESULTS:** WD-40 = Pass  
Windex = Pass  
409 = Pass  
Fantastik = Pass  
Chlorox Bleach = Pass  
IPA (99%) = Pass  
Sulfuric Acid (50%) = Pass  
Motor Oil = Pass

## SURFACE PREPARATION

All surfaces must be cured, clean, dry, and free from dirt, dust, rust, stains, grease, oil, mildew, wax, efflorescence, bond-breakers, and other contaminants. Remove all loose, peeling, or chalky paint by sanding, scraping, or other appropriate methods. Repair all cracks, holes, and other surface imperfections with a suitable patching material. Repaired surfaces should then be sanded smooth and dusted clean. Glossy surfaces should be dulled to provide a roughened surface for good adhesion.

### FERROUS METALS

Remove all oil and grease from surfaces per SSPC-SP1. Minimum surface preparation is Hand Tool Clean per SSPC-SP2. For better performance, use Commercial Blast Cleaning per SSPC-SP6. Primers are recommended for maximum performance.

### ALUMINUM

Remove all oil, grease, dirt, oxide and other foreign material per SSPC-SP1. Apply appropriate bonding primer for maximum performance.

### GALVANIZED METAL

Allow to weather a minimum of six months prior to coating. Solvent Clean per SSPC-SP1. When weathering is not possible, or the surface has been treated with chromates or silicates, first clean per SSPC-SP1 and apply a test patch of the appropriate galvanized metal primer. Allow patch to dry at least one week before testing adhesion. If adhesion is poor, further cleaning or brush blasting per SSPC-SP7 may be necessary to remove these treatments. Rusty galvanizing requires a minimum of Hand Tool Cleaning per SSPC-SP2, prime the area the same day as cleaned.

### CONCRETE & MASONRY

For surface preparation, refer to SSPC-SP13/NACE 6. Surfaces should be thoroughly cleaned and dry. Surface temperature must be at least 55°F before filling. If required for a smoother finish, use the recommended filler/surfacer. The filler/surfacer must be thoroughly dry before topcoating per manufacturer's recommendations. Weathered masonry and soft or porous

cement board must be brush blasted or power tool cleaned to remove loosely adhering contamination and to get to a hard, firm surface. Apply appropriate primer/sealer to promote adhesion.

### DRYWALL

Fill cracks and holes with patching paste/spackle and sand smooth. Joint compounds must be cured and sanded smooth. Remove all sanding dust. Apply appropriate primer/sealer.

### WOOD

Sand any exposed wood to a fresh surface. Patch all holes and imperfections with a wood filler or putty and sand smooth. Apply appropriate primer/sealer.

### PREVIOUSLY PAINTED SURFACES

If substrates are in sound condition, clean the surface of all contaminants per SSPC-SP1. Smooth, hard or glossy coatings and surfaces should be dulled by abrading the surface. Apply a test patch, allowing paint to dry one week before testing adhesion. If adhesion is poor, additional abrasion of the surface and/or removal of the previous coating may be necessary. Apply appropriate primer/sealer to promote adhesion. If paint is peeling or badly weathered, clean surface to sound substrate and treat as a new surface as above.

## SPECIAL INSTRUCTIONS

- **CAUTION:** Scraping or sanding surfaces of older buildings (especially pre-1978) may release dust containing lead or asbestos. **EXPOSURE TO LEAD OR ASBESTOS CAN BE VERY HAZARDOUS TO YOUR HEALTH.** Always wear appropriate personal protective equipment during surface preparation, and finish cleanup of any residues by water-washing all surfaces. For more information, see Dunn-Edwards brochure on "Surface Preparation Safety" or call EPA's National Lead Information Hotline at 1-800-424-LEAD, or visit [www.epa.gov/lead](http://www.epa.gov/lead) or [/asbestos](http://www.epa.gov/asbestos), or contact your state or local Health Department.
- This product can neither cause nor prevent or cure the growth of mold, mildew, or other forms of fungus. Excessive moisture and inadequate ventilation are the main conditions that promote their growth. Correct any such conditions before painting.
- Do not apply at air or surface temperatures below 50°F.
- Within SCAQMD: No person shall apply or solicit the application within the District of any industrial maintenance coatings, for residential use or for use in areas such as office space and meeting rooms of industrial, commercial or institutional facilities not exposed to such extreme environmental conditions described in the definition of industrial maintenance coatings.

## PRIMERS

### DRYWALL

Textured: VINYLASTIC® Premium (VNPR00)  
Untextured: VINYLASTIC® Premium (VNPR00)  
Skim-coated: VINYLASTIC® Plus (VNPL00)

### MASONRY

Plaster: } SUPER-LOC® Premium (SLPR00),  
Stucco: } EFF-STOP® Premium (ESPR00),  
Tilt-up concrete: } EFF-STOP® Select (ESSL00) or  
Poured-in-place: } FLEX-PRIME® Select (FPSL00)  
Brick:  
Concrete block: Smooth BLOCFIL Premium (SBPR00) or  
Smooth BLOCFIL Select (SBSL00)  
  
Smooth trowel: SUPER-LOC® Premium (SLPR00)

### WOOD

Trim, sash: SUPER-LOC® Premium (SLPR00) or  
ULTRA-GRIP® Premium (UGPR00)

### SYNTHETIC WOOD

Masonite: } SUPER-LOC® Premium (SLPR00) or  
Hardboard: } ULTRA-GRIP® Premium (UGPR00)  
MDO siding:

### METAL

Ferrous: } BLOC-RUST® Premium (BRPR00),  
ENDURAPRIME™ Metal Primer (ENPR00)  
  
Non-Ferrous: } ULTRASHIELD® Galvanized Metal Primer  
(ULGM00) or  
SUPER-LOC® Premium (SLPR00)



THE #1 CHOICE OF  
PAINTING PROFESSIONALS®

# ULTRASHIELD®

## Interior/Exterior Galvanized Metal Primer ULGM00-WH



**DESCRIPTION:** ULTRASHIELD® Galvanized Metal Primer is a premium, high performance, ultra-low VOC, low odor, single component, interior/exterior non-ferrous and interior ferrous metal primer. It provides excellent adhesion to properly prepared and etched galvanized metal and other non-ferrous metals: aluminum, brass, and copper. It is formulated to provide excellent application properties and very good hide. **FOR METAL SUBSTRATES ONLY.**

### PRODUCT INFORMATION

**SOLVENT TYPE:** Waterborne      **RESIN TYPE:** Acrylic Copolymer

**FINISH** (ASTM D 523): 7–12% on a 60° meter

**COLORS:** White. ULTRASHIELD Galvanized Metal Primer may be tinted with up to 2 fl. oz. of Dunn-Edwards ZTC Zero VOC colorant per gallon.

**TINT BASES:** White

**VISCOSITY@77°F/25°C** (ASTM D 562): 95–105 KU

**MAXIMUM VOC CONTENT**      **MAXIMUM RAVOC** (Reactivity-Adjusted VOC)  
50 g/L (as supplied)      20 g/L

**SOLIDS BY VOLUME** (ASTM D 2697)      **SOLIDS BY WEIGHT**  
41.6%      54.1%

**WEIGHT PER GALLON** (ASTM D 1475): 10.57 lbs.

**COMPOSITION BY WEIGHT**

<b>Pigment—29.2%</b>	<b>Vehicle—70.8%</b>
*Prime pigments ..... 10.3	Acrylic resins ..... 22.7
Reinforcing pigments ..... 18.9	Water & additives ..... 48.1
*Prime pigments include titanium dioxide (TiO <sub>2</sub> ), plus all other pigments directly adding to the hiding power of this paint.	

**RECOMMENDED FILM THICKNESS PER COAT**

Wet: 4.8 mils      Dry: 2.0 mils

**PRACTICAL COVERAGE PER COAT AT RECOMMENDED DRY FILM THICKNESS**

Approximately 275–325 sq. ft. per gallon, depending on surface conditions and application techniques.

**THINNING RECOMMENDATION:** This coating is intended to be applied without thinning or diluting under normal environmental and application conditions. If necessary to maintain good workability, add up to 1/4 pint (4 fl. oz.) of clean water per gallon of coating.

**AVERAGE DRY TIME@77°F/25°C** (ASTM D 1640)

To touch: 30–60 minutes      Recoat: 2–4 hours

Dry times and recoat times are temperature, humidity and film thickness dependent.

**APPLICATION EQUIPMENT:** Brush, roller, airless spray.

**PACKAGING:** Quart, one-gallon, five-gallon containers

**STORAGE:** Store in a dry area. Protect from freezing. Protect from temperatures above 110°F for extended periods of time. Extreme temperatures may cause paint to become unusable. See *Paint Storage Best Practices* Technical Bulletin at [dunnedwards.com](http://dunnedwards.com) for more information.

**CLEANUP:** Warm, soapy water

**DISPOSAL:** For information on local options to dispose of unwanted leftover paint, call Dunn-Edwards Customer Service at (888) DE PAINT or visit [www.dunnedwards.com](http://www.dunnedwards.com). **Do not mix with other products.**

**CONFORMS TO:** ARB 2007 SCM & CALGreen 2013; LEED 2009 IEQ Credit 4.2

**SAFETY DATA SHEET:** Available at [www.dunnedwards.com](http://www.dunnedwards.com)

**SURFACE PREPARATION:** All surfaces must be cured, clean, dry, and free from dirt, dust, rust, stains, grease, oil, mildew, wax, efflorescence, bond-breakers, and other contaminants. Remove all loose, peeling, or chalky paint by sanding, scraping, or other appropriate methods. Repair all cracks, holes, and other surface imperfections with a suitable patching material. Repaired surfaces should then be sanded smooth and dusted clean. Glossy surfaces should be dulled to provide a roughened surface for good adhesion.

**SPECIAL INSTRUCTIONS**

- **CAUTION:** Scraping or sanding surfaces of older buildings (especially pre-1978) may release dust containing lead or asbestos. EXPOSURE TO LEAD OR ASBESTOS CAN BE VERY HAZARDOUS TO YOUR HEALTH. Always wear appropriate personal protective equipment during surface preparation, and finish cleanup of any residues by water-washing all surfaces. For more information, see Dunn-Edwards brochure on “Surface Preparation Safety” or call EPA’s National Lead Information Hotline at 1-800-424-LEAD, or log onto [www.epa.gov/lead](http://www.epa.gov/lead) or/asbestos, or contact your state or local Health Department.
- This product can neither cause nor prevent or cure the growth of mold, mildew, or other forms of fungus. Excessive moisture and inadequate ventilation are the main conditions that promote their growth. Correct any such conditions before painting.
- Due to the various types of surfaces, always test a few different areas for adhesion.
- Galvanized metal must be cleaned with a solvent or a water-soluble degreasing cleaner to remove all oils prior to etching. Change wiping material and cleaning solution frequently so the oils are removed from the surface, not just spread around. Surface should then be etched with **Supreme Chemical Metal Clean & Etch (SC-ME01-1)**.
- **ULTRASHIELD Galvanized Metal Primer** must be recoated within 7 days to ensure proper adhesion of the finish coat.
- Do not apply when the air or surface temperature is below 50°F. Avoid using if rain or snow is expected within 2–3 hours, as in colder temperatures, it may require longer time before the paint film cures enough not to be affected by rain or snow

**PRIMERS**

**METAL**

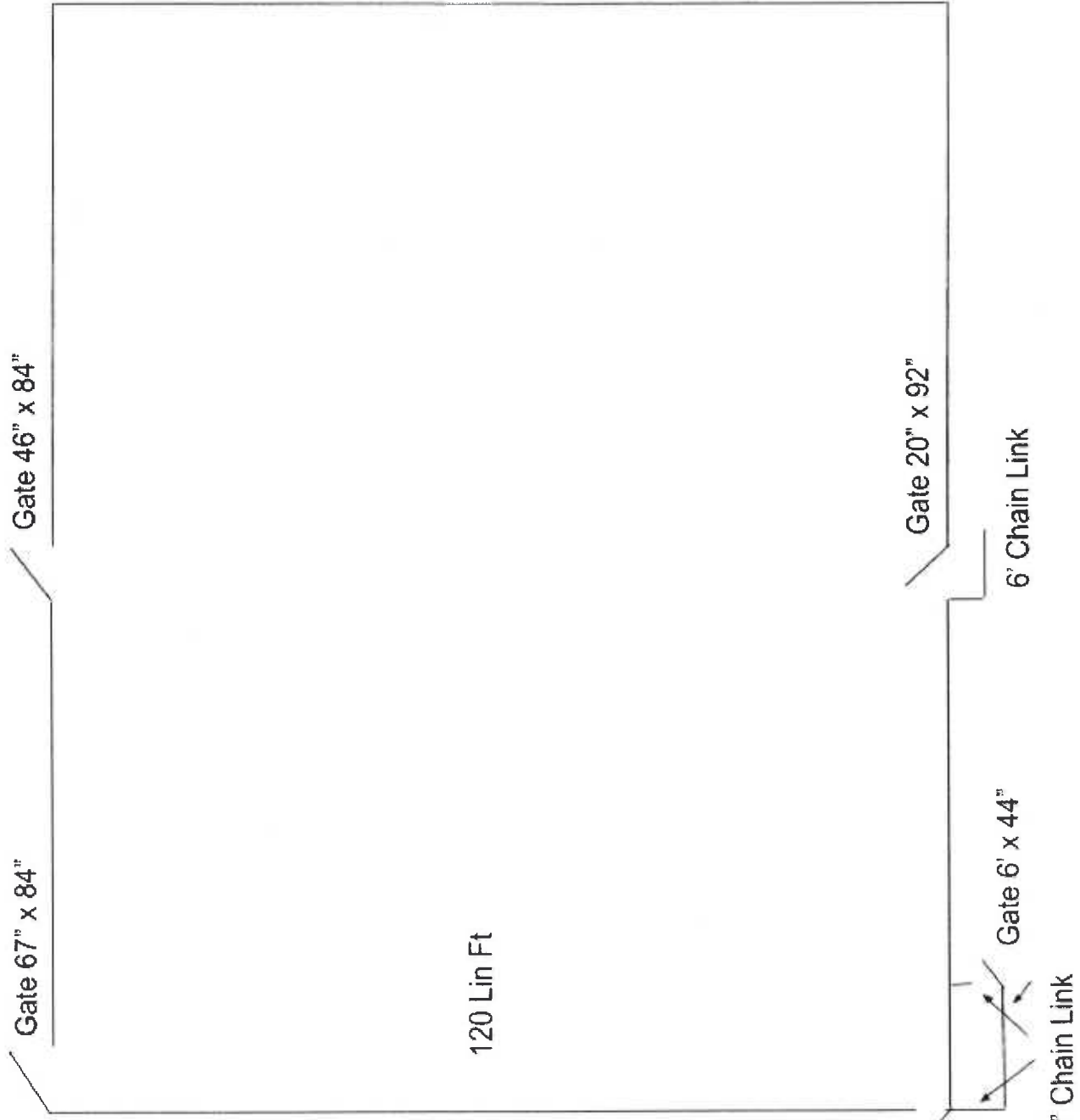
- Ferrous:      **ULTRASHIELD® Galvanized Metal Primer (ULGM00) – INTERIOR ONLY**
- Non-ferrous:      **ULTRASHIELD® Galvanized Metal Primer (ULGM00)**



Nogales High School Tennis Courts

W

Total Line 340'



Gate 67" x 84"

Gate 46" x 84"

120 Lin Ft

120 Lin Ft

S

N

Gate 4' x 84"

Gate 20" x 92"

Gate 6' x 44"

6' Chain Link

6" Chain Link