III. B.

690 Chesterfield Pkwy W • Chesterfield MO 63017-0760
Phone: 636-537-4000 • Fax 636-537-4798 • www.chesterfield.mo.us

Architectural Review Board Staff Report

Project Type: Site Development Plan

Meeting Date: February 8, 2018

From: Cecilia Dvorak, Project Planner

Location: 318 N Eatherton Road

Applicant: MW Weber Architects

Description: **318 N Eatherton Rd SDP**: A Site Development Plan, Landscape Plan, Lighting Plan, Architectural Elevations and Architect's Statement of Design for a 1.05 acre tract of land zoned "PI" Planned Industrial District located south of Wardenburg Road east of North Eatherton Road.

PROPOSAL SUMMARY

The request is for a Site Development Plan, Landscape Plan, Lighting Plan, Architectural Elevations and an Architect's Statement of Design for a new 5,430 square foot storage building. The proposed building is to be constructed of split faced concrete block, stained wood siding and fascia, architectural shingles, exposed structural wood roof brackets, metal overhead doors with painted trim pattern, wood windows, aluminum gutters and downspouts, painted hollow metal doors and frames. The subject site is zoned "PI" Planned Industrial District and is governed under the terms and conditions of City of Chesterfield Ordinance 2705.

HISTORY OF SUBJECT SITE

The subject site was originally zoned "NU" Non-Urban District by St. Louis County prior to the incorporation of the City of Chesterfield. The site was zoned to the current "PI" Planned Industrial District in 2012. Currently, the subject site is being used as a storage area for Yardworks landscaping company and is in non-compliance due to the storage of materials without adequate screening and parking/driving over unpaved areas. Throughout the violation process the tenant purchased the property and has been working with staff to not only bring it into compliance but to develop the site for their business long term.

Figure 1- Site Photo

STAFF ANALYSIS

General Requirements for Site Design:

A. Site Relationships

The proposed structure is to be set back behind a 21 foot wide drainage easement, and a 20 foot wide landscape buffer. The site is surrounded by largely agricultural land, including the home across Eatherton Road which is set back behind farmland. The proposed building provides a high level of detail and human-scale design and would complement the residential character of the home across the street.

B. Circulation System & Access

Proposed access to the site would be from one curb cut off of Eatherton Road. Parking is proposed for trucks within the proposed Storage Building, and other vehicle parking is proposed under covered parking along the western side of the property.

Additionally, the applicant will be required to provide a sidewalk along Eatherton Road shown on the Plan in Figure 2 below.

C. Topography & Retaining Walls

The subject site is relatively flat and the applicant does not propose significant grade alterations or retaining walls.

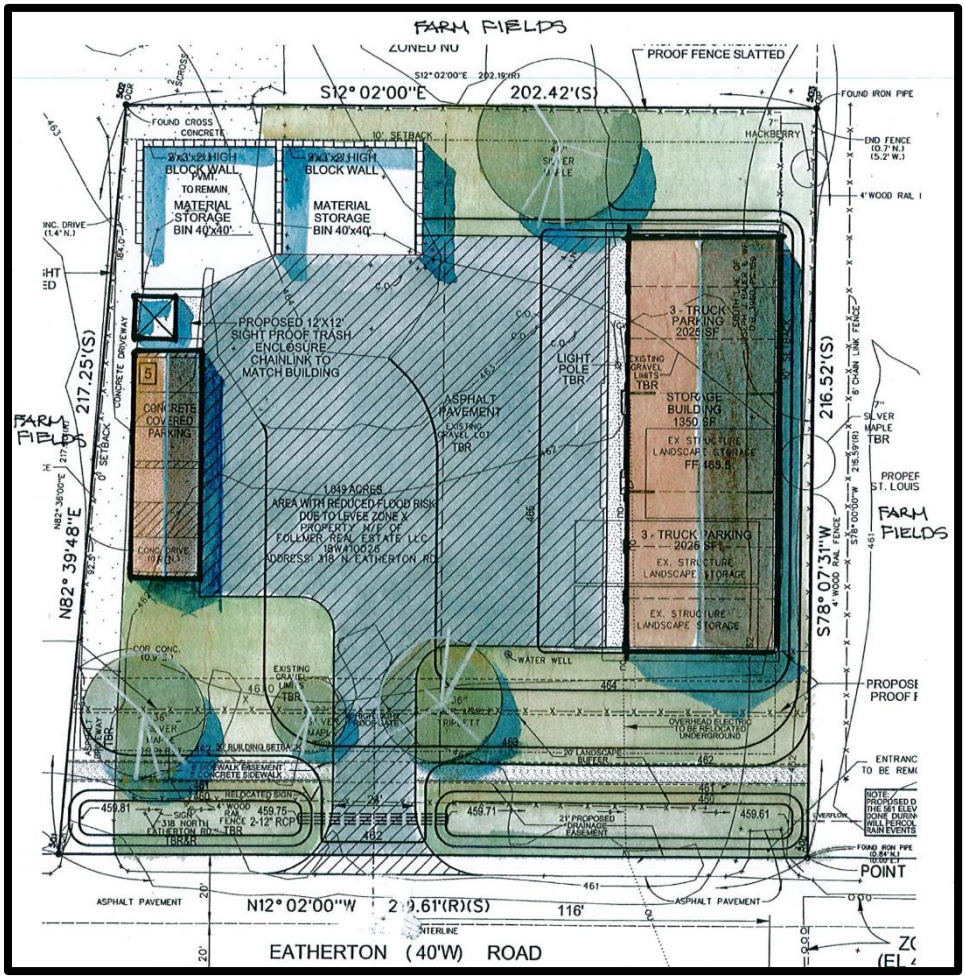

Figure 2- Color Site Plan

General Requirements for Building Design:

A. Scale, Design, Materials and Color

The proposed one-story storage structure is consistent in height and scale with other structures in the area. This structure will not generally be accessed by the public, however, main access to the structure is provided on the northern elevation across the site from the proposed parking. The structure design is inspired by rural horse stables with details of barn-like doors, stained wood siding, large roof overhangs and timber roof brackets. The scale of the building is broken down by providing various height changes and projections in a logical and symmetrical pattern. The applicant is proposing one human entry point which is centered and blended within the right pilaster of the central barn door. Finally, the building is provided with human scale by breaking down the details with a masonry water table, door and window trim, and timber roof brackets.

The Unified Development Code specifically notes a number of requirements for the Chesterfield Valley to be applied to commercial and industrial development. These requirements include utilizing architectural elements from the front façade on the side and rear of the structure and screening trash enclosures which should be constructed with materials consistent to the building. The proposed building integrates details and design elements as well as consistent materials on all four sides of the building.

Additionally, the site will be surrounded by a chain-link slatted fence with a trash enclosure to match. It should be noted that the Unified Development Code (UDC) does discourage chain-link fencing, and chain-link fencing with wood or any type of inserts or lining is not considered suitable. Additionally, material storage will be located on the rear of the property and will be screened by large block walls.

Materials planned for this proposal include split faced concrete block, stained wood siding and fascia, architectural shingles, wood roof brackets, metal overhead doors with a painted trim pattern, wood windows, aluminum gutters and downspouts, painted hollow metal doors and frames. A family of natural colors is proposed which blends well with the natural surroundings of the site. Material samples will be made available for the Board's consideration at the meeting.

B. Landscape Design and Screening

Landscaping is planned in association with the proposed development as required by the City of Chesterfield. The landscape design provides both deciduous and evergreen trees throughout the site and along Eatherton Road. Additionally, low maintenance species have been integrated and ensure a variety of seasonal color and texture is present throughout the site.

A trash enclosure and material screening are planned with this proposed construction. The enclosure is proposed as a chain-link slatted fencing while the material storage is proposed as a large concrete block wall.

C. Signage

Signage will be approved by a separate City process.

D. Lighting

Lighting is planned in association with this improvement. The proposed lighting plan consists of three (3) light standards within the front parking field and seven (7) wall mounted lighting fixtures. No accent lighting is proposed for this building.

DEPARTMENTAL INPUT

Staff has reviewed the Site Development Plan, Landscape Plan, Lighting Plan, Architectural Elevations and Architect's Statement of Design. Be advised that this project is still going through development review by City Staff and will not proceed to the Planning Commission until all outstanding items have been addressed. All recommendations made by the ARB will be included in Staff's report to the Planning Commission.

MOTION

The following options are provided to the Architectural Review Board for consideration relative to this application:

1) "I move to forward the Site Development Plan, Landscape Plan, Lighting Plan, Architectural Elevations, and Architect's Statement of Design for 318 N Eatherton as presented, with a recommendation for approval (or denial) to the Planning Commission."

2) "I move to forward the Site Development Plan, Landscape Plan, Lighting Plan, Architectural Elevations, and Architect's Statement of Design for 318 N Eatherton to the Planning Commission with the following recommendations…"

Attachments

1. Architectural Review Packet Submittal

City of Chesterfield

ARCHITECTURAL REVIEW BOARD
Project Statistics and Checklist

Date of First Comment Letter Received from the City of Chesterfield _____

Project Title: 318 N. Eatherton Maintenance Facility **Location:** 318 N. Eatherton Rd.

Developer: John Folmer **Architect:** mw Weber architects **Engineer:** Volz

PROJECT STATISTICS:

Size of site (in acres): 1.049 acres **Total Square Footage:** 45,694 sf **Building Height:** 31'-11 (roof ridge)

Proposed Usage: storage building

Exterior Building Materials: split faced cmu, stained wood siding, stained wood windows & aluminum garage doors

Roof Material & Design: Architectural shingles

Screening Material & Design: Trash Enclosure: 12'x12' x 6' h. chain- link walls and gates with privacy slats.

Description of art or architecturally significant features (if any): Please refer to the Architectural Design Statement.

ADDITIONAL PROJECT INFORMATION:

Checklist: Items to be provided in an 11" x 17" format

- ☐ **Color Site Plan with contours, site location map, and identification of adjacent uses.**
- ☐ **Color elevations for all building faces.**
- ☐ **Color rendering or model reflecting proposed topography.**
- ☐ **Photos reflecting all views of adjacent uses and sites.**
- ☐ **Details of screening, retaining walls, etc.**
- ☐ **Section plans highlighting any building off-sets, etc. (as applicable)**
- ☐ **Architect's Statement of Design which clearly identifies how each section in the Standards has been addressed and the intent of the project.**
- ☐ **Landscape Plan.**
- ☐ **Lighting cut sheets for any proposed building lighting fixtures. (as applicable)**
- ☐ **Large exterior material samples. (to be brought to the ARB meeting)**
- ☐ **Any other exhibits which would aid understanding of the design proposal. (as applicable)**
- ☐ **Pdf files of each document required.**

mw weber architects

January 22, 2018

Architectural Review Board
City of Chesterfield
Department of Planning
690 Chesterfield Parkway West
Chesterfield, MO 63017-0760

Re: Architect's Statement
Yardwork- Storage Structure
318 N. Eatherton Road
Chesterfield, Missouri

Dear members of the Architectural Review Board,
The following is the Architect's Statement for the Yardworks storage structure, located at 318 North Eatherton Road.

The Site:

Physical features and Access:
The 1.049 acre project site will contain a one story, 5,430 square foot storage building, a 1,200 square foot covered parking structure, and a 144 square foot trash enclosure. The site accessed off of a single entrance off of North Eatherton Road and is adjacent to undeveloped farmland at the sides and rear property line. Approximately 75 percent of the site perimeter is further insulated from its neighbors by a dense tree buffer.

Site Relationship & Circulation:
The site which is accessed off of North Eatherton Road and will contains parking in the front and the rear of the building but will be screened from the street, adjacent neighbors, and the building with layers of landscape buffers. The building will be unconditioned so there will not be any mechanical equipment to screen. The trash dumpster will consist of a chain-link fence with privacy slated gates, which tucks in quietly at the rear of the property. The type and location of site and building lighting fixtures were designed to reduce excess glare into the neighboring properties. The light fixtures will be wall mounted type with with full cutoff type to prevent adding glare from to neighboring properties.

Topography & Retaining walls:
The natural topography is relatively level and will not require any retaining walls. The storm water management systems includes a bio-retention basin to handle water quality, and will be approved by the City and MSD.

The Building:

Materials:
The materials on the building include one color of split faced concrete block, smooth concrete block water table cap, stained wood siding and fascia, architectural shingles, exposed structural wood roof brackets, metal overhead doors (with painted trim pattern), wood windows, aluminum gutters, and downspouts, painted hollow metal doors and frame.

Scale & Design:

Surrounded by century old farm fields, the one story building receives inspiration from rural horse stables (a series of carrage house-like barn doors, stained wood siding, large overhangs with functional heavy timber roof brackets). In order to break down the scale of the building, 3 masses of varying heights and projection have been integrated into the building mass. These masses are organized symmetrically with a larger more dominant mass in the center with other 2 smaller masses flanking the ends and adding a visual break to the row of barn doors. The building is further broken down to a human scale with a masonry watertable, door and window trim, and heavy timber roof brackets.

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Landscape design and screening:

The required number of trees has been provided and, along the street frontage, have been located to provide shade at strategic points while also allowing "view corridors" into the site.

The plant palette, designed for low maintenance, has been selected from Chesterfield's list of approved trees. The chosen plants provide seasonal color & texture throughout the site.

Signage:

The owner does not intend to have signage on the building or site at this time..

Lighting standards:

The parking and service bays will incorporate full cutoff, low profile, LED surface mounted accent fixtures. Foot candles at parking and drive areas are 0.5 minimum and 3.4 average. Maximum foot candles at the property lines are at 0.4 or below with most areas at 0.0. Average foot candles at all building entries are above 5.0.

Sincerely,
mw Weber Architects

Michael J. Reardon
Project Manager

STATE OF MISSOURI
MICHAEL WILLIAM WEBER
A-6547
REGISTERED ARCHITECT

RENDERING

Project For–
YARDWORK– Storage Structures
318 North Eatherton Dr.
Chesterfield, Missouri 63005

mw weber architects
129 Long Road
Chesterfield, Missouri 63005
636 519 1400
636 519 1414 fax

Revisions

Rev. No.	Date:	Description:

A000

Date 29 JANUARY 2018
17.075

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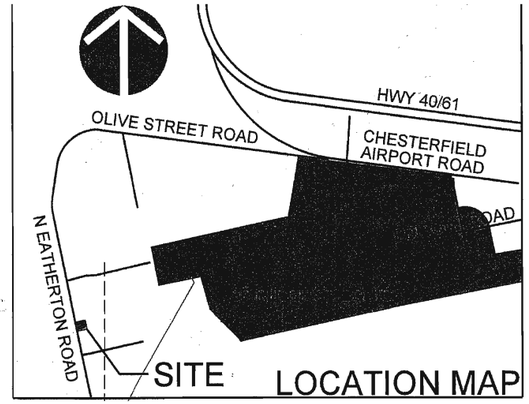
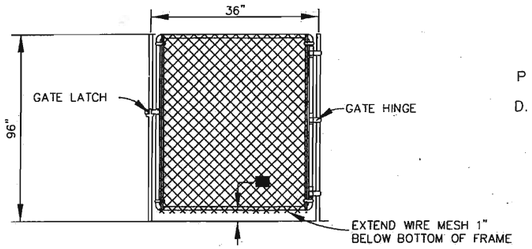
CATE THAT THE SOIL-
OPMENT PROPOSED
RECOMMENDATIONS
NE 9, 2017.

DATE





CHAIN LINK FENCE MAN GATE

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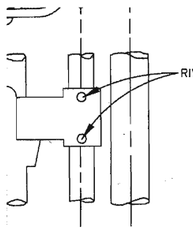

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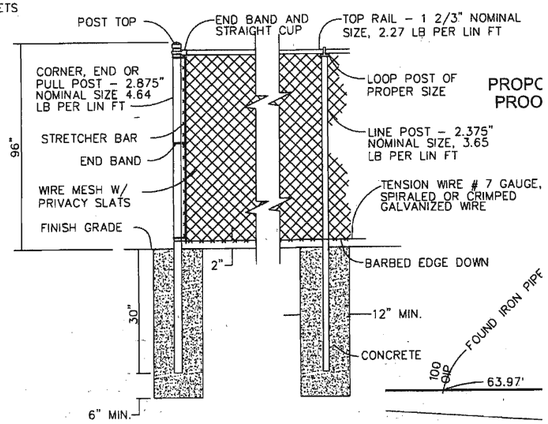
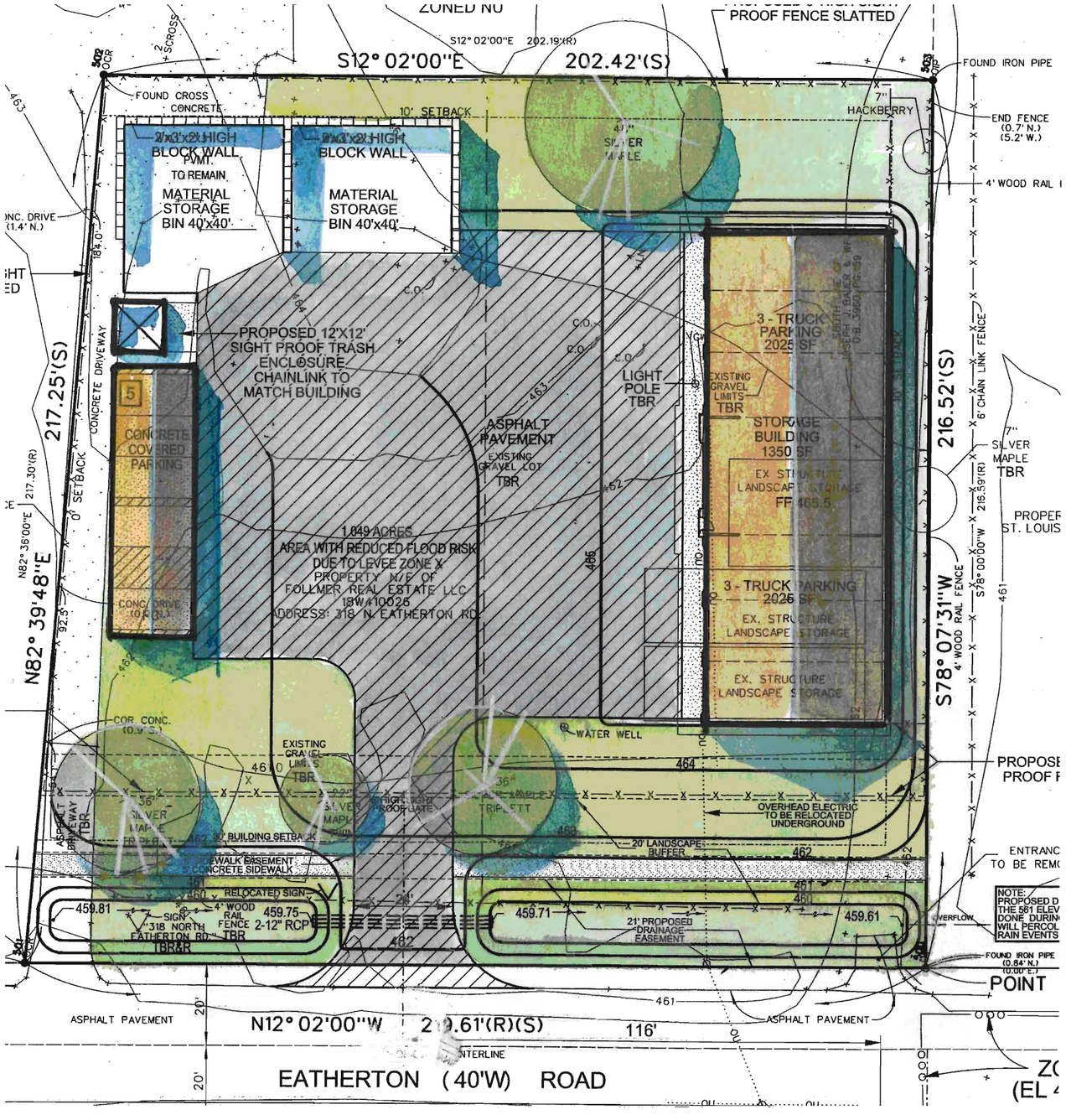
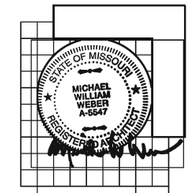


IOTES:

1. WIRE MESH TO BE FASTENED TO LINE POST, TOP RAIL AND TENSION WIRE WITH # 9 GAUGE ALUMINUM TIE WIRE. SPACING FOR TIE OR CLIP WIRES SHALL BE AS FOLLOWS: TOP RAIL – 24" LINE POST – 12" TENSION WIRE – 24"
2. POST SPACING SHALL NOT EXCEED TEN FEET.
3. THE TOP RAIL SHALL PASS THROUGH OPENINGS PROVIDED FOR THAT PURPOSE IN THE POST TOPS AND EACH LENGTH SHALL BE COUPLED WITH INSERT SLEEVE COUPLINGS.
4. CORNER POSTS SHALL BE PROVIDED AT ALL INTERSECTED PROPERTY LINES WHICH HAVE EXISTING YARD FENCES. REQUIRED LENGTHS OF NEW FENCE SHALL BE PROVIDED TO CONNECT THE EXISTING YARD FENCES IN EASEMENT TO THE NEW FENCE.
5. MESH TO BE PLACED ON THE OUTSIDE OF THE LINE POSTS.
6. HEIGHT OF FENCE 96".
7. WIRE MESH, POSTS AND ALL FASTENERS AND ALL HARDWARE SHALL BE VINYL COATED. SEE SPECIFICATION FOR COATING.

PROPOSED WALLS





RENDERING

Project For–
YARDWORK– Storage Structures
318 North Eatherton Dr.
Chesterfield, Missouri 63005

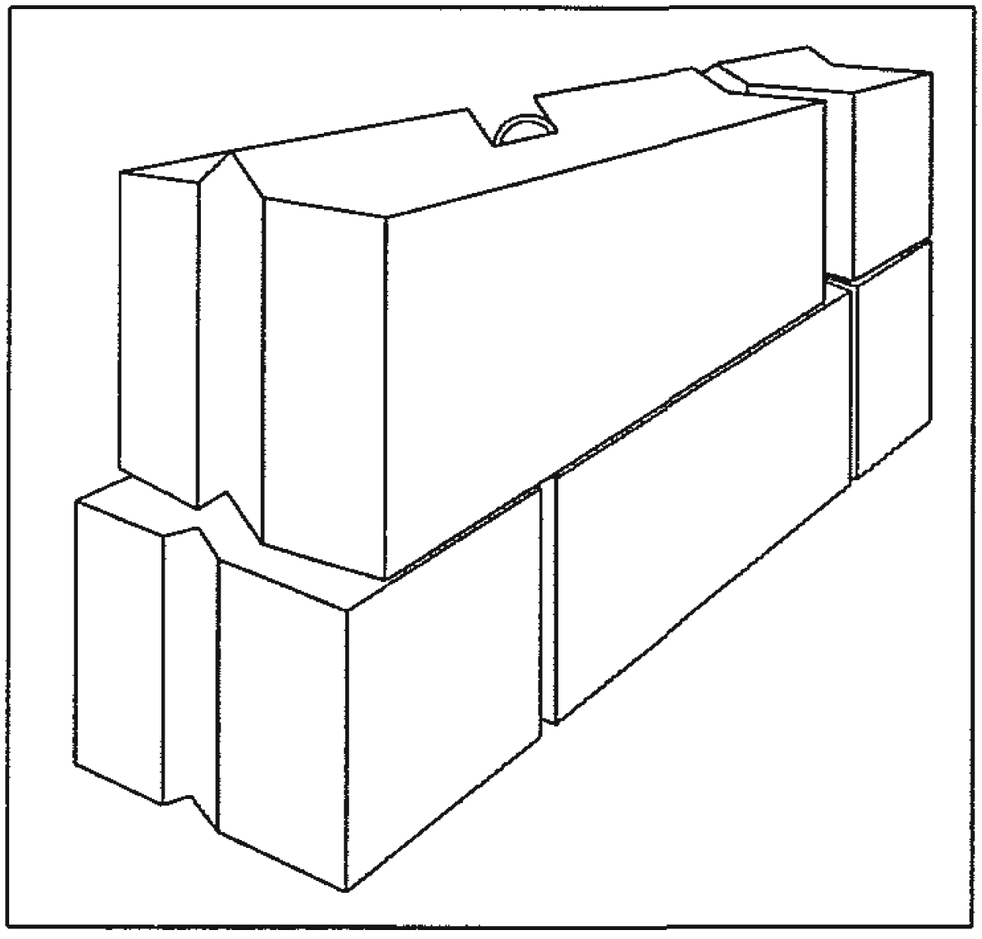
mw weber architects
129 Long Road
Chesterfield, Missouri 63005
636.519.1400
636.519.1414 fax

Revisions

Rev. No.	Date:	Description:

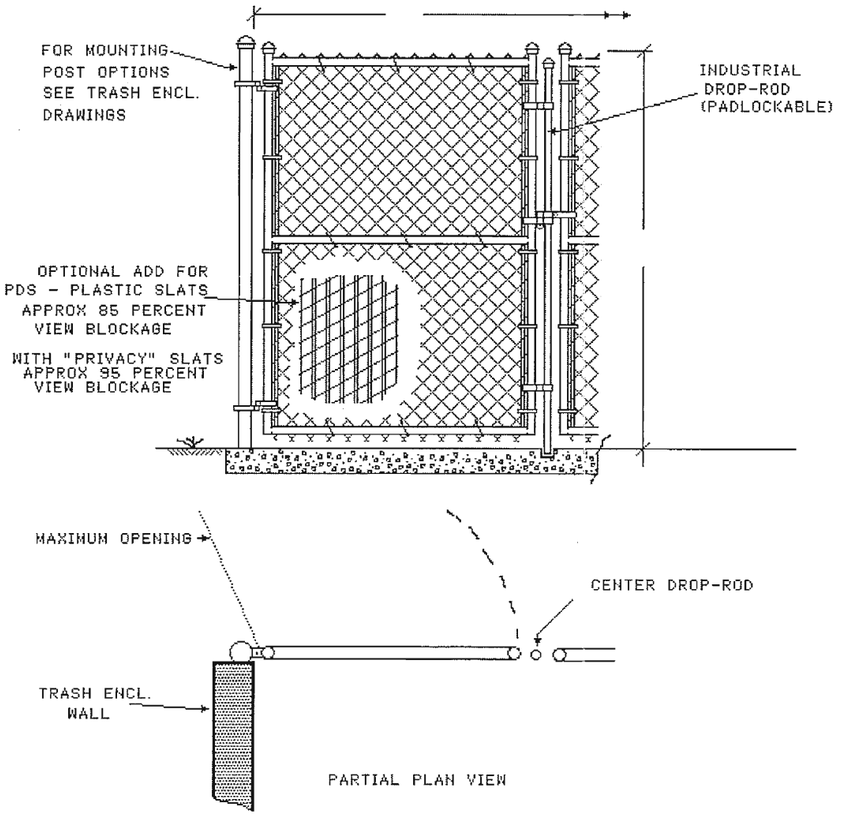
A001

Date 29 JANUARY 2018
17.075



MATERIAL STORAGE BIN WALLS

(2'D X 3'W X 2'H CONCRETE BLOCKS) 6' HIGH WALL



TRASH GATE- CHAINLINK DOUBLE SWING (VIEW FROM INSIDE LOOKING OUT)

6' HIGH WALL

STATE OF MISSOURI
MICHAEL WILLIAM WEBER
A-5547
REGISTERED ARCHITECT

SITE DETAILS

Project For-
YARDWORK- Storage Structures
318 North Eatherton Dr.
Chesterfield, Missouri 63005

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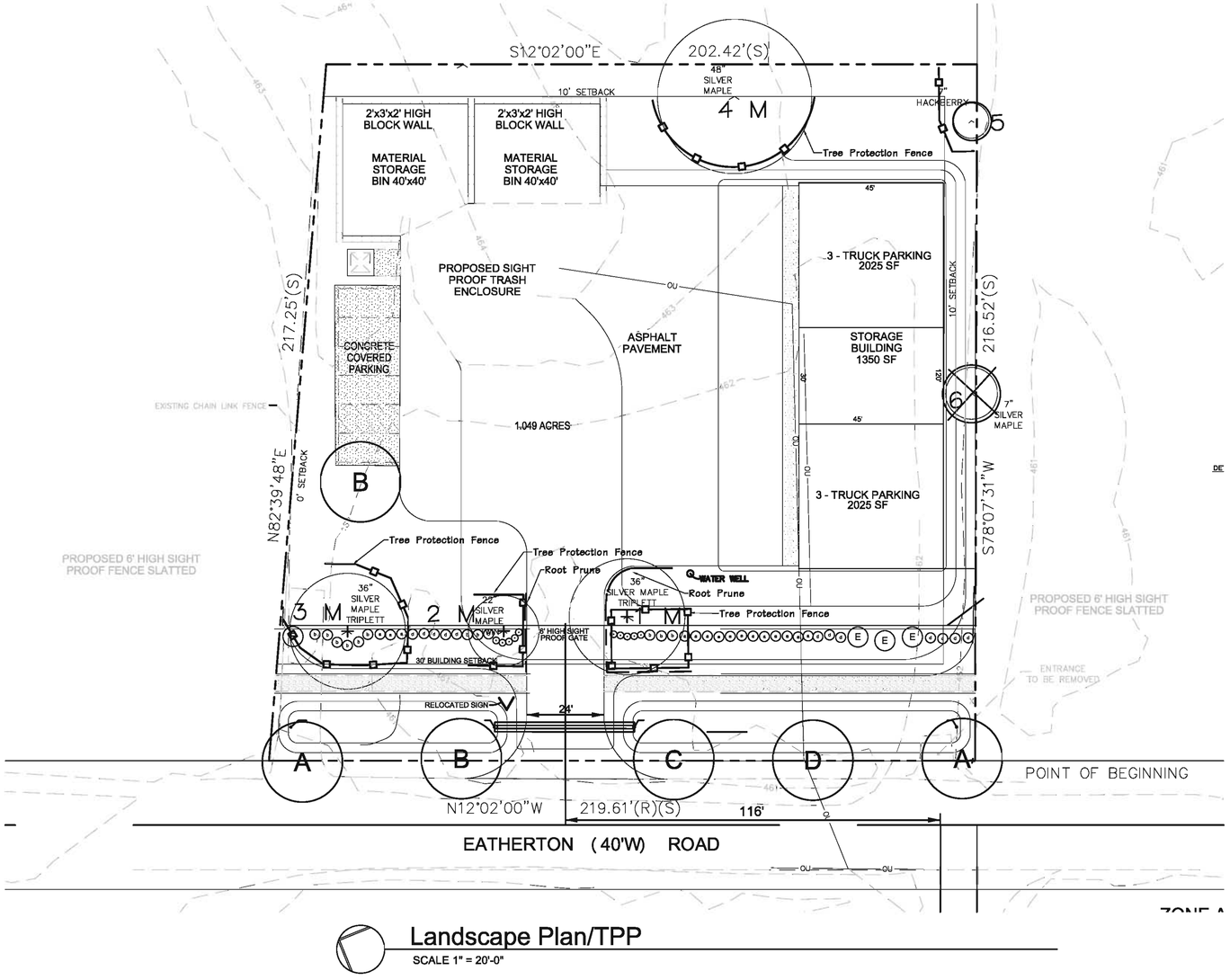
Revisions

Rev. No.	Date:	Description:

A301

Date 29 JANUARY 2018
17.075



Landscape Plan/TPP

SCALE 1" = 20'-0"

LEGEND

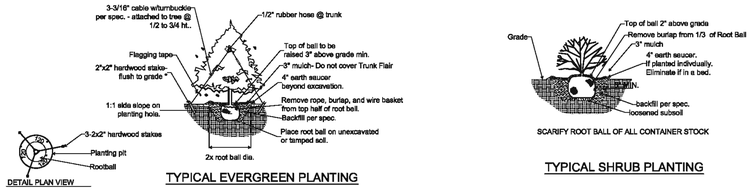
+ 1 — Location / Referance Number

Tree Protection Plan

Total Tree Canopy is 0.15 AC. or	6,760 sf
Proposed Canopy to be removed	254 sf (4%)
Proposed Canopy to remain	6,506 sf (96%)

INDIVIDUAL TREE LIST

318 N. Eatherton RD					
Number	Common Name	DBH Of Trunk	Canopy Area	Condition Rating	Comments
1	Silver Maple	38	1,808	3	Monarch, 4 stems
2	Silver Maple	24	1,256	3	Monarch, 3 stems
3	Silver Maple	38	1,520	3	Monarch, 3 stems
4	Silver Maple	48	1,809	3	Monarch, 4 stems
5	Hackberry	7	113	3	
6	Silver Maple	7	254	3	TBR
		Total	6,760		

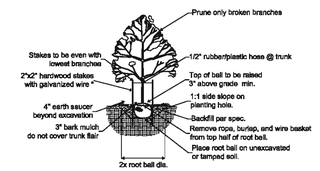


TYPICAL EVERGREEN PLANTING

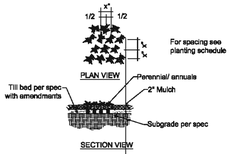
SCARIFY ROOT BALL OF ALL CONTAINER STOCK

TYPICAL SHRUB PLANTING

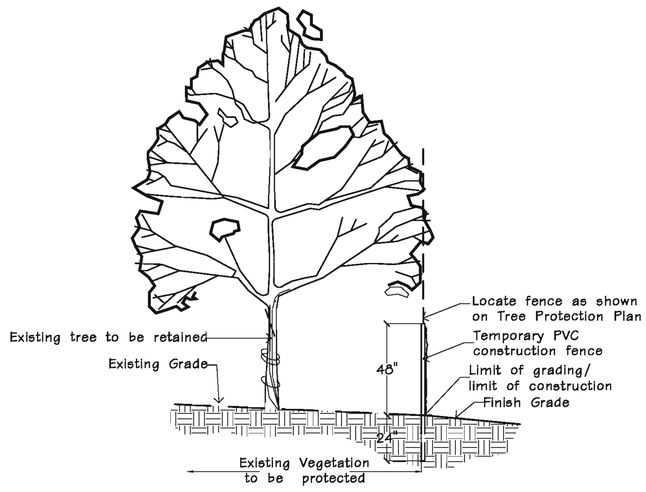
* Staking should be done only when:
- Planting in soft, looses soils
- Root balls with sandy soil, or wet clay
- Trees located in an extremely windy location



DECIDUOUS TREE PLANTING



TYPICAL PERENNIAL PLANTING



TREE PROTECTION DETAIL

n.t.s.

GENERAL NOTES:

1) Openspace ratio is 37% (17,360 SF) Total Site 45,394.4 SF
2) Street trees Req.- 219.6 lf/50 ft = 4.4 or 5 street trees
3) All street trees will be located at least 3' from proposed curb.
4) All street trees will be located at least 10' from all storm sewer structures.
5) All street trees will be located at least 25" from all Street lights, Signs, and intersections.
6) All turf areas of site to be seeded.

TPP Prepared
by Douglas A. DeLong
Certified Arborist MW-4826A

Douglas A. DeLong

Base Map Provided by: Volz, Inc.

PLANTING SCHEDULE							
SYMBOL	QUANTITY	BOTANICAL NAME	COMMON NAME	SIZE	MATURE HIRGHT	Notes	CATEGORY
A	2	Acer saccharum	Sugar Maple	2.5"	45'+	Fast Growing	Deciduous
B	2	Acer rubrum 'Red Sunset'	Red Sunset Red Maple	2.5"	45'+	Fast Growing	Deciduous
C	1	Tilia americana 'Redmond'	Redmond Linden	2.5"	45'+	Medium Growing	Deciduous
D	1	Quercus bicolor	Swamp White Oak	2.5"	45'+	Medium Growing	Deciduous
E	4	Picea pungens var. Baby Blue	Baby Blue Spruce	6'	25'+	Slow Growing	Evergreen
a	15	Euonumus alatus 'Compatus'	Dwarf Winged Euonymus	24"			
b	12	Hydragea quercifolia	Oakleaf Hydrangea	24"			
c	10	Buxus sinica var. insularis 'Wintergreen'	Wintergreen Boxwood	24"			
d	11	Myrica peneylvanica	Bayberry	24"			

STATE OF MISSOURI
DOUGLAS A DELONG
NUMBER LA-81
LANDSCAPE ARCHITECT

02/27/2017
Douglas A. DeLong, Landscape Architect LA-81

Consultants:

318 N. Eatherton Road Chesterfield, Mo.

John Follmer

Revisions:

Date	Description	No.

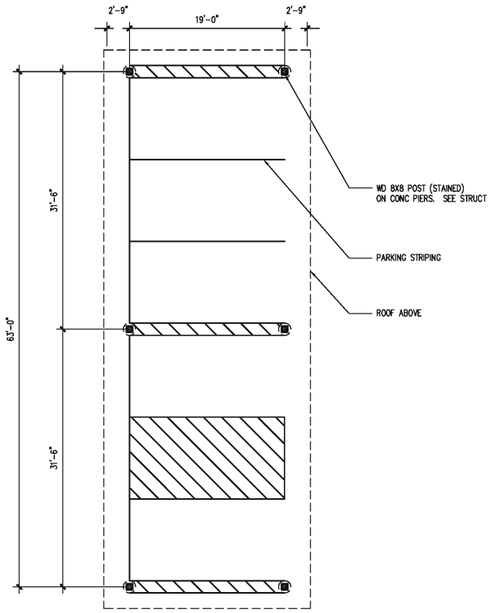
Drawn: DAD
Checked: BAD

DeLong Landscape Architecture, LLC
7620 West Bruno Ave
St. Louis, MO. 63117
(314) 346-4856
delong.la@gmail.com

Sheet Title: Landscape Plan Tree Preservation

Sheet No: L-1

Date: 2/27/2017
Job #: 158.001



1 A101 FLOOR PLAN @ CARPORT
SCALE: 3/32" = 1'-0"
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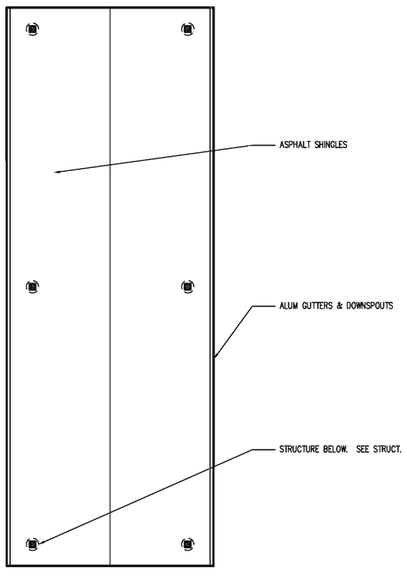

2 A101 ROOF PLAN @ CARPORT
SCALE: 3/32" = 1'-0"
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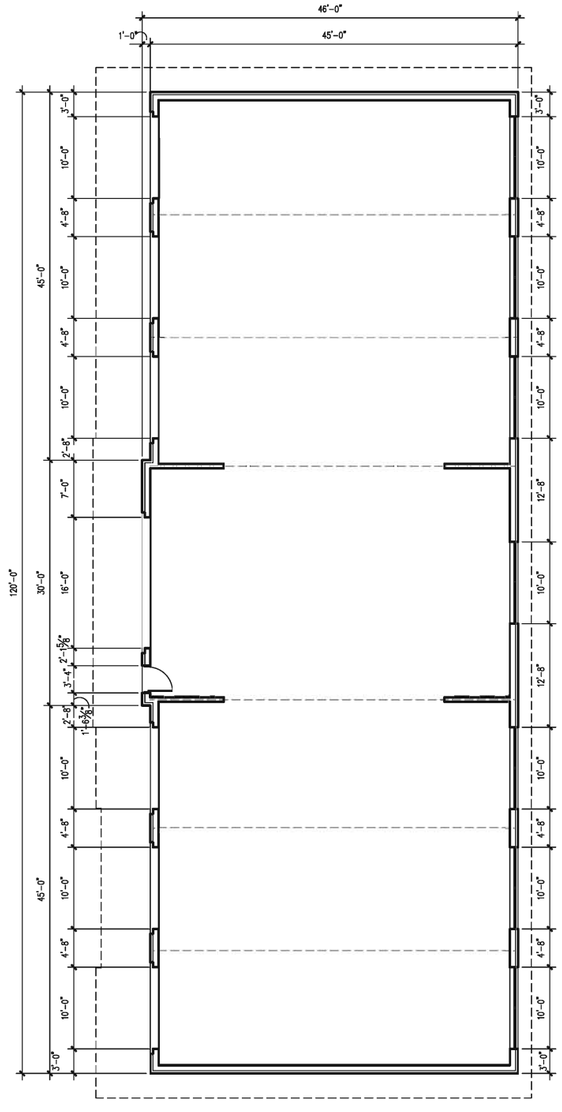

3 A101 FLOOR PLAN @ STORAGE BUILDING
SCALE: 3/32" = 1'-0"
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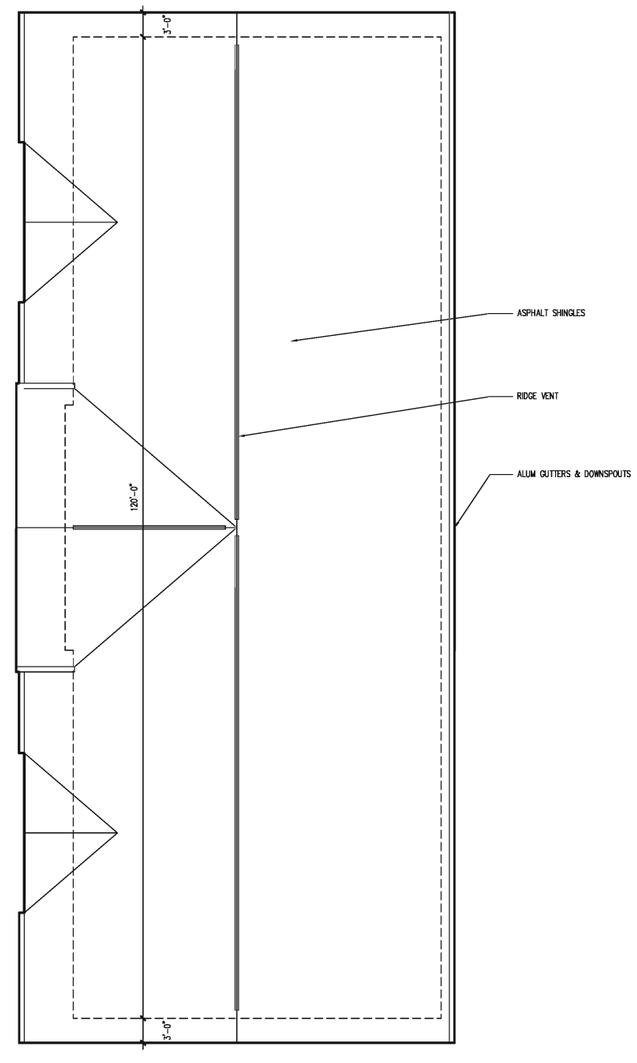

4 A101 ROOF PLAN @ STORAGE BUILDING
SCALE: 3/32" = 1'-0"
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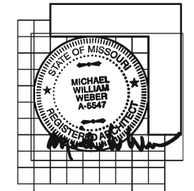

FLOOR PLANS AND ROOF PLANS

Project For–
YARDWORK– Storage Structures
318 North Eatherton Dr.
Chesterfield, Missouri 63005

mw weber architects
1391 Long Road
Chesterfield, Missouri 63005
636.519.1400
636.519.1414 fax

Revisions

Rev. No.	Date:	Description:

A101

Date 29 JANUARY 2018
17.075

WEST ELEVATION

WOOD BRACKETS (STAINED)

ASPHALT SHINGLES

Y. PINE SIDING/TRIM (STAINED)

SPLIT FACED CMU & CMU CAP

ELEVATION

SOUTH ELEVATION

EAST ELEVATION

EAST & WEST ELEVATIONS

NORTH & SOUTH ELEVATIONS

STATE OF MISSOURI
MICHAEL WILLIAM WEBER
A-5547
REGISTERED ARCHITECT

ELEVATIONS

Project For–
YARDWORK– Storage Structures
318 North Eatherton Dr.
Chesterfield, Missouri 63005

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1219 Long Road
Chesterfield, Missouri 63005
636 519 1480
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Revisions

Rev. No.	Date:	Description:

A201

Date 29 JANUARY 2018
17.075

Type G

LED AREA LIGHTS - LSI SLICE SMALL (XLCS)

DOE LIGHTING FACTS
Department of Energy has verified representative product test data and results in accordance with its Lighting Facts Program. Visit www.lightingfacts.com for specific catalog strings.

LIGHT OUTPUT - XLCS

		Lumens (Nominal)					Watts
		Type 3	Type FT	Type 5	Type5E	Type FTE	(Nominal)
Cool White 5000K	5S	10100	11400	11400	8200	7800	97
	10S	14000	15500	15700	11600	10900	140
Neutral White 4000K	5S	9700	10400	10800	7900	7500	97
	10S	13400	14700	15200	11000	10500	140

LED Chips are frequently updated therefore values may increase.

US & Int'l. patents pending

SMARTTEC™ - LSI drivers feature integral sensor which reduces drive current, when ambient temperatures exceed rated temperature.

ENERGY SAVING CONTROL OPTION - DIM - 0-10 volt dimming enabled with controls by others.

EXPECTED LIFE - Minimum 60,000 hours to 100,000 hours depending upon the ambient temperature of the installation location. See LSI web site for specific guidance.

LEDS - Select high-brightness LEDs in Cool White (5000K), or Neutral White (4000K) color temperature, 70 CRI.

DISTRIBUTION/PERFORMANCE - Types 3, FT, 5 and enhanced 5E and FTE. Exceptional uniformity creates bright environment at lower light levels. Internal Louver (IL) option available for improved backlight control without sacrificing street side performance for FT distribution.

HOUSING - One-piece, die-formed aluminum housing contains factory prewired driver. Wiring access door (with safety lanyard) located underneath.

OPTICAL UNIT - Clear tempered flat glass lens permanently sealed to weather-tight aluminum optic frame creates an IP65 rated optical unit (includes pressure-stabilizing breather).

MOUNTING - Tapered rear design allows fixtures to be mounted in 90° and 120° configurations without the need for extension arms. Use with 3" reduced drilling pattern. A round pole plate is required for mounting to round poles. Wall mount available by ordering wall mounting bracket (BKS-XBO-WM-*-CLR). Proprietary pole quick mount accessories available with horizontal mounting or fixed 15° angled mounting (PQMH-KIT-CLR and PQM15-KIT-CLR) for mounting to square poles. See Accessory Ordering Information chart for all brackets.

ELECTRICAL - Two-stage surge protection (including separate surge protection built into electronic driver) meets IEEE C62.41.2-2002, Location Category C. Available with universal voltage power supply 120-277 VAC (50/60Hz input), and 347-480 VAC. Optional button-type photocells (PCI) are available in 120, 208, 240, 277 or 347 volt (supply voltage must be specified).

DRIVER - Available in SS (Super Saver) and HO (High Output) drive currents. Components are fully encased in potting material for moisture resistance. Driver complies with FCC standards. Driver and key electronic components can easily be accessed.

OPERATING TEMPERATURE - -40°C to +50°C (-40°F to +122°F)

FINISH - Fixtures are finished with LSI's DuraGrip® polyester powder coat finishing process. The DuraGrip finish withstands extreme weather changes without cracking or peeling. Available in black, bronze and white. Other standard LSI finishes available. Consult factory.

WARRANTY - LSI LED fixtures carry a limited 5-year warranty.

PHOTOMETRICS - Please visit our web site at www.lsi-industries.com for detailed photometric data.

SHIPPING WEIGHT (in carton) - One fixture: 17.5 lbs. (7.9 kg). Packed two per carton: 30 lbs. (13.6 kg).

LISTING - UL listed to U.S. and international safety standards. Suitable for wet locations. For a list of the specific products in this series that are DLC listed, please consult the LED Lighting section of our website or the Design Lights website at www.designlights.org.

This product, or selected versions of this product, meet the standards listed below. Please consult factory for your specific requirements.

ARRA Listing Compliant · DLC · UL 1598 Wet location · RoHS COMPLIANT · CE · FC · IP65

Fixtures comply with ANSI C136.31-2010 American National Standard for Roadway Lighting Equipment - Luminaire Vibration 1.5G requirements.

Project Name _____ Fixture Type _____ 10/16/17
Catalog # _____ © 2017 LSI INDUSTRIES INC.

LED AREA LIGHTS - LSI SLICE SMALL (XLCS)

LUMINAIRE ORDERING INFORMATION

TYPICAL ORDER EXAMPLE: **XLCS S LED SS 50 UE BLK PCR**

Prefix	Distribution	Light Source	Drive Current	Color Temperature	Input Voltage	Finish	Options
XLCS	3 - Type III 5 - Type V FT - Forward Throw 5E - Type V Enhanced FTE - Foward Throw Enhanced	LED	SS - Super Saver HO -High Output	50 - 5000K 40 - 4000K	UE - Universal Voltage (120-277V) 347-480 Universal Voltage (347-480V)	BLK - Black BRZ - Bronze WHT - White	DIM - 0-10V Dimming (from external signal) Button Type Photocells PC1120 - 120V PC208-277V - 208-277V PC347 - 347V IL - Internal Louver (available with FT distribution only) PCR 7P - Photoelectric Control Receptacle7

LUMINAIRE EPA CHART - PLCS

Horizontal Mounting Only	
Single	0.4
D180°	0.8
D90°	0.6
T90°	1.4
TN120°	1.4
Q90°	1.6

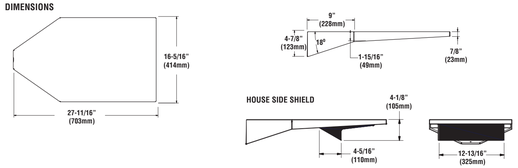
Note: House Side Shield adds to fixture EPA. Consult Factory.

ACCESSORY ORDERING INFORMATION (Accessories are field installed)

Description	Order Number	Description	
BKS-XBO-WM-*-CLR Wall Mount Bracket	382132CLR	DPK208, 240 Double Fusing (208V, 240V)	DPK208, 240[2]
XLCS-3-FT-HSS (Black only)	603162BLK[1]	DPK480 Double Fusing (480V)	DPK480[2]
X3RPP Round Pole Plate for 3" RTP Poles	408273CLR	FK347 Single Fusing (347V)	FK347[2]
X4RPP Round Pole Plate for 4" Poles	379967CLR	PQMH-KIT-CLR Square Pole Quick Mount Horizontal Bracket	582329CLR
X5RPP Round Pole Plate for 5" Poles	379968CLR	PQM15-KIT-CLR Square Pole Quick Mount Bracket w/fixed 15° Angle	582329CLR
FK120 Single Fusing (120V)	FK120[2]	ALSC UNV TLS - AirLink 5 Pin Twist Lock Controller	661409
FK120 Single Fusing (120V)/PK	FK277[2]	ALSC UNV TLT - AirLink 7 Pin Twist Lock Controller	661410

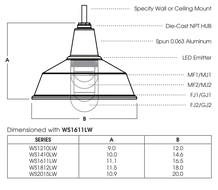
FOOTNOTES
1 - House Side Shields add to fixture EPA. Consult factory.
2 - Fusing must be located in the hand hole of pole.
3 - Photocell must be ordered separately. 7 pin standard. See Accessories.

DIMENSIONS



Type C

WAREHOUSE SHADE
CLASSIC SERIES / 2000 LUMENS



Dimensioned with **WS1611LW**

SERIES	A	B
WS1210LW	9.0	12.0
WS1410LW	10.0	14.6
WS1611LW	11.1	16.5
WS1812LW	11.5	18.0
WS2015LW	10.9	20.0

WS-LW - EXTERIOR / WET LOCATION

APPLICATION
The Warehouse Shade is one of our most popular RLM styles for general lighting. LW Series is designed for outdoor wet location.

FEATURES
Spectrum Lighting's RLM Classics are reproductions of early American lighting fixtures reimagined with modern LED light sources and materials. The wide range of options for illumination, mounting, enclosures, guards and finishes allows for creative fixture specification and design. LED module and driver are serviceable for future replacement. Fixture available in five sizes.

FINISH
Multi-stage polyester powder-coat process applied on our dedicated paint lines. Variety of standard and custom finishes are available. Matte White interior standard. Custom Color interior finishes available.

ELECTRONICS
LW LED system features high brightness white Nichia LED's. 3 step MacAdam Ellipse binning. Standard CRI: 85+. Higher CRI, R9 and custom LED configurations are available; consult factory. Choice of electronic 120V/277V and dimming drivers.

CONSTRUCTION
Fixture shades are spun in our factory from 0.063 high purity aluminum. Wall mount canopies are die-cast aluminum with stainless steel hardware. Wall arms are formed 3/4 NPT aluminum pipe.

CODE COMPLIANCE
ARRA Compliant. ETL/CSA listed for wet locations. Manufactured and tested to UL standards No. 1598/8750.

WATTAGE / LUMENS DATA

PART NUMBER	SOURCE LUMENS	SYSTEM WATTS
WS1210LW10L	1000	8.1
WS1210LW20L	2000	15.8

SERIES	LUMENS[1]	CCT	DRIVER / DIMMING[2]	ACCESSORIES[3]	MOUNTING[3]	INTERIOR	FINISH
WS1210LW	10L 1000 Lm	30K 3000K	EX Electronic Driver, 120V/277V	10L MAX	WALL MOUNT	MWI White	GW Gloss White
WS1410LW	20L 2000 Lm	35K 3500K	DS10X 10%, 0-10V, 120V/277V	MF1 3"x3" Frosted Glass	CP104 Small Driver Canopy	MBl Black	MW Matte White
WS1611LW		40K 4000K	DS2W1 1%, ELV/MLV 120V	MJ1 3"x3" Clear Glass	CP106XO Canopy with 4 Feed Holes	PTi Platinum	MB Matte Black
WS1812LW		50K 5000K		FJ1 3"x6.5" Frosted Glass	CP106XC Canopy with 4 Feed Holes	SNi Sun Gold	BZ Bronze
WS2015LW				GJ1 3"x6.5" Clear Glass	CP6/8MD Remote Driver Canopy	GAl Galvanized	PT Platinum Silver
					PA_ Mounting Arm Style	ORi Orange	GA Galvanized
				20L MAX	CEILING MOUNT	YLi Yellow	CH Charcoal
				MF2 4"x4" Frosted Glass	RDC5 Small Driver Canopy	BLi Blue	SN Sun Gold
				MJ2 4"x4" Clear Glass	HM Hang Straight	GRi Green	EG Evergreen
				FJ2 4"x6" Frosted Glass	HMAT Hang Straight/ All Thread	RDi Red	BL Blue Streak
				GJ2 4"x6" Clear Glass	PM Rigid Pendant Mount	CC1 Custom Color	AY Aero Yellow
						FCi Fixture Color Interior	RD Red Baron
							CO Copper Metallic
							CC Custom Color

EXAMPLE: WS1210LW10L30KEXFJ1CP104PA23MWIRD

NOTES:
1 Nominal Source Lumens at 3500K 2 Contact Factory for Additional Options 3 See Enclosures & Guards Page for Max Guards and Additional Options 4 Standard Enclosure 5 See Mounting Pages for EM Options and Details on Components and Finishes 6 Required for All Drivers 7 See Mounting Page for Available Arm Options 8 Specify Length in Inches 9 Standard Interior Finish 10 See Color Page for More Options/Consult Factory for Special Finishes

NICHIA · WET LOCATION · 5 YEAR WARRANTY · MADE IN THE USA

Dimensions and values shown are nominal. Spectrum Lighting continually works to improve products and reserves the right to make changes which may alter the performance or appearance of products.

PROJECT: _____ TYPE: _____
CAT. NO.: _____

SPECTRUM LIGHTING INC.
WWW.SPECLIGHT.COM • 994 JEFFERSON STREET, FALL RIVER, MA 02721 • 508.678.2303 FAX 508.678.2260
1702

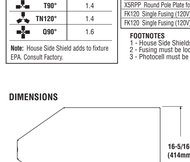
SPECTRUM LIGHTING INC. — RLM WALL MOUNTING OPTIONS

rlm wall mounting

SOME OPTIONS NOT AVAILABLE ON ALL FIXTURES. CONSULT SPECIFICATION SHEETS. SEE INDIVIDUAL SPECIFICATION SHEETS OR CONSULT FACTORY FOR ADDITIONAL INFORMATION.
NOTE: THIS IS TYPICAL OF RLM SPECIFICATION FOR WALL MOUNTING. INDIVIDUAL FIXTURES OR PROJECTS MAY HAVE SPECIALIZED REQUIREMENTS.

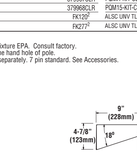
WALL MOUNT CANOPIES

CP104 - SMALL DRIVER CANOPY (STANDARD), MAY BE USED AS SPLICE BOX FOR DIRECT FEED

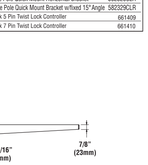


CP104XO & CP106XO
SMALL OR LARGE CANOPY WITH 4 THREADED FEED HOLES FOR 1/2" TRADE SIZE CONDUIT (CONSULT FACTORY FOR LOCATIONS, BACK CENTER KNOCK OUT STANDARD)

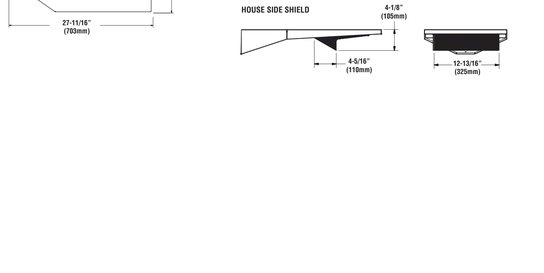
CP106 - LARGE DRIVER CANOPY, MAY BE USED AS SPLICE BOX FOR DIRECT FEED



CP6/8MD - REMOTE MOUNT DRIVER, MOUNTS DIRECTLY TO WALL OR OCTAGON STYLE J-BOX



WALL MOUNTING PIPES



CUSTOMIZED WALL MOUNTING PIPES

Dimensions and values shown are nominal. Spectrum Lighting continually works to improve products and reserves the right to make changes which may alter the performance or appearance of products.

PROJECT: _____ TYPE: _____
CAT. NO.: _____

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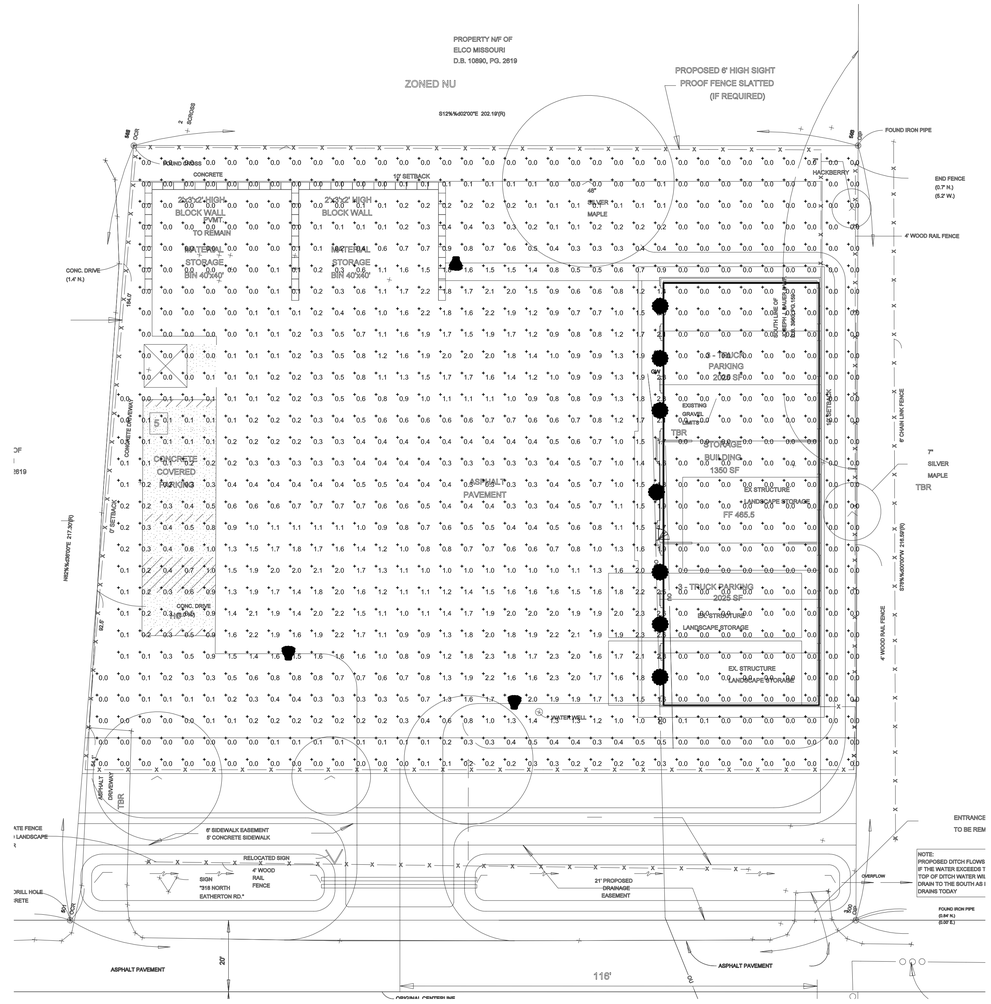
1701

Project Name _____ Fixture Type _____ 10/16/17
Catalog # _____ © 2017 LSI INDUSTRIES INC.



SITE PLAN - PHOTOMETRICS
SCALE: 1" = 20'-0"

Statistics

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
Site Lighting	+	0.5 fc	2.6 fc	0.0 fc	N/A	N/A

Luminaire Schedule

Symbol	Label	QTY	Catalog Number	Description	Lamp	Number Lamps	Lumens per Lamp	LLF	Wattage	
	C	7	WS2015LEDGV-14W-40K--E1-FJ1-GW	Bldg mounted 16'-0" mounting height	N/A	1	1234.933	0.91	14.2	Max: 342cd
	G	3	XLCS-FTE-LED-SS-CW-HSS	Pole mounted 17'-0" mounting height		1	5677.252	0.91	96	Max: 5177cd

G&W
ENGINEERING CORPORATION
DYNAMIC PROCESSES ◆ SUSTAINABLE RESULTS
138 WELDON PARKWAY · ST. LOUIS, MO 63043
(314) 469-3737 · PROJECT NUMBER: 2017-0638.00
WWW.GANDWENGINEERING.COM
MISSOURI STATE CERTIFICATE OF AUTHORITY # 2000038707

PHOTOMETRIC PLAN FOR:
318 N. EATHERTON ROAD
318 N. EATHERTON RAOD
ST. LOUIS, MO

SEAL
STATE OF MISSOURI
KEVIN W. MOORE
NUMBER PE-23628
PROFESSIONAL ENGINEER
1-22-18

REVISIONS	
JOB NO:	2017-0638.00
DRAWN BY:	M.E.Z.
CHECKED BY:	K.S.G.
DATE:	01-22-2018
SHEET NO.	E1.0

SITE PLAN - PHOTOMETRICS

YARDWORK- Storage Structure

Chesterfield, Missouri

VIEW LOOKING NORTH

VIEW LOOKING EAST

VIEW LOOKING SOUTH

VIEW LOOKING WEST

ADJACENT SITE PHOTOS

mw weber architects
636 519 1400

22 JANUARY 2017
17.075