



690 Chesterfield Pkwy W • Chesterfield MO 63017-0760
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Planning Commission Staff Report

Project Type: Site Development Section Plan

Meeting Date: July 11, 2016

From: Justin Wyse
Senior Planner

Location: West of RHL Drive, south of its intersection with Chesterfield Airport Road.

Applicant: CSRS, INC.

Description: **Chesterfield Commons West, Outlot 4 (Raising Cane's) SDSP:** A Site Development Section Plan, Landscape Plan, Tree Stand Delineation, Tree Preservation Plan, Lighting Plan, Architectural Elevations and Architect's Statement of Design for a 2.08 acre tract of land zoned "PC" Planned Commercial District located west of RHL Drive, south of its intersection with Chesterfield Airport Road.

PROPOSAL SUMMARY

CSRS INC, on behalf of the applicant, has submitted a request for a 23 feet 7 inch tall, 3,616 square foot fast-food restaurant building with an additional 360 square feet of outdoor seating located on the west side of RHL Drive, south of its intersection with Chesterfield Airport Road. The subject site is one of the outlots located within the Chesterfield Commons West development, which is zoned "PC" Planned Commercial District and is governed under the terms and conditions of the City of Chesterfield Ordinance Number 2156. The applicant is proposing to demolish the existing restaurant building, formerly Emperor's Palace, and to redevelop the site for a new restaurant user. The exterior building materials will be comprised of stucco, face brick, galvanized steel sheet with kynar finish, and stainless steel.

HISTORY OF SUBJECT SITE

In 2000, the first planned district was approved for the Chesterfield Commons West development and in the years since, the site-specific governing ordinance has been amended to include additional land uses into the planned district. The most recent ordinance amendment occurred in 2005, when the City of Chesterfield approved Ordinance Number 2156 to allow for seasonal outdoor storage for the westernmost anchor store, currently occupied by Home Depot, within the development. Ordinance Number 2156 did not affect entitlements or restrictions for the subject site; however, it is the current ordinance of record.

The original Site Development Concept Plan for Chesterfield Commons West was approved by the City Council in 2001 with multiple minor amendments in the following years. In August of 2002, the Planning Commission approved a Site Development Section Plan for a 9,496 square foot structure on the subject site. In November of 2003, an Amended Site Development Section Plan was approved. This Amended Site Development Section Plan approved a building addition which expanded the overall building area to 10,430 square feet. As previously mentioned, the proposed plan will result in the demolition of the existing building.

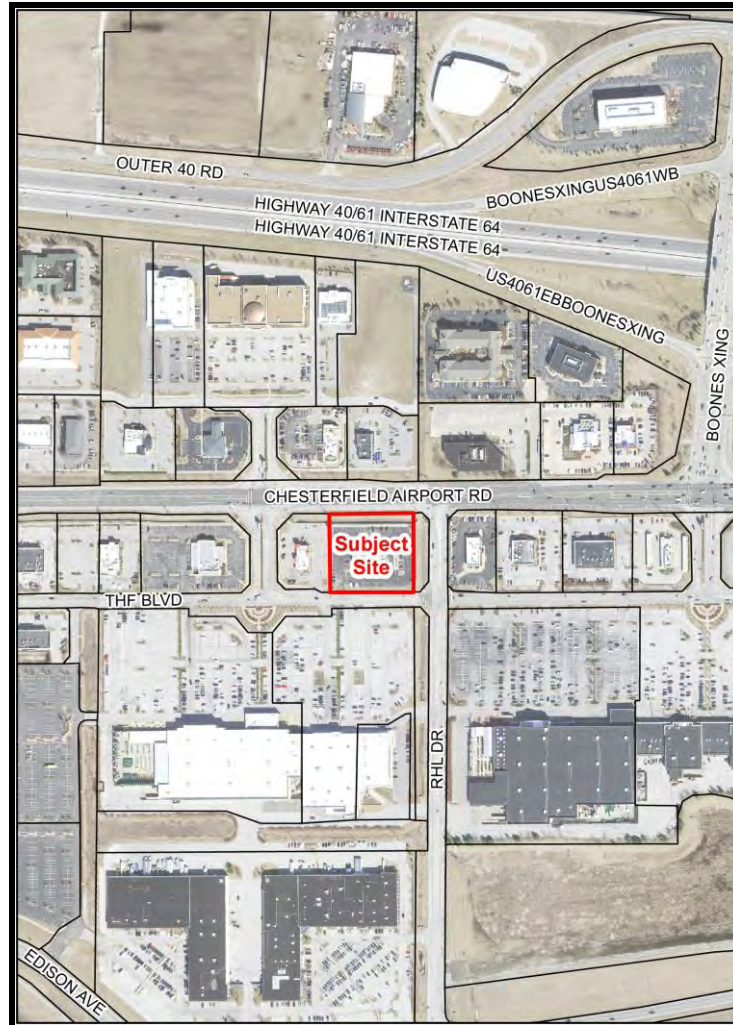


Figure 1

COMPREHENSIVE PLAN ANALYSIS

The subject site is located within Ward 4 of the City of Chesterfield and the City of Chesterfield Land Use Plan indicates that this parcel is within the Mixed Use (Retail/Office/Warehouse) Land Use designation, which is defined as a mixture of retail, low to mid density office, and office/warehouse facilities. The proposed use is compatible with this land use designation.

The Comprehensive Plan includes Commercial Development and Chesterfield Valley specific policies that apply to this development. These include, but are not limited to, the following:

- **Chesterfield Valley Design Policy #6 – Pedestrian Circulation**: In order to promote pedestrian movement, each development is required to address pedestrian circulation within and between all developments. This pedestrian system shall be designed in an overall safe, clearly understood plan meeting ADA (American Disabilities Act) requirements.
- **Policy 7.2.6 – Cross Access Circulation**: Internal vehicular and pedestrian connections between commercial developments should be encouraged.

Each of these policies are addressed in the Staff analysis portion of this report.

STAFF ANALYSIS

Floor Area and Height Requirements

The subject site is zoned "PC" Planned Commercial District under the terms and conditions of City of Chesterfield Ordinance Number 2156. This ordinance requires that the gross floor area on any outlot would be limited based on the ability to comply with parking and stormwater regulations. The proposal for a 3,616 square foot building has complied with these items and thus complies with the ordinance. The building is proposed at 23 feet 7 inches in height which also complies with the maximum height restriction of 3 stories or 45 feet found in Ordinance 2156.

Site Circulation and Access

The proposal includes one access point off of THF Boulevard, a private drive accessed from RHL Drive or Chesterfield Commons West Drive. Similar to other lots in this development, this lot will not have direct access to Chesterfield Airport Road. There is a shared access between Lots 4 and 5 that provides access to THF Boulevard.

Additionally, the developer has proposed the continuation of a 5 foot sidewalk along Chesterfield Airport Road which will tie the existing sidewalk to the intersection at RHL Drive as well as to the proposed outdoor seating area and building via a striped walkway. A sidewalk along THF Boulevard provides pedestrian access to the southern portion of the development. This proposal provides internal pedestrian connectivity to the sidewalk along the north of the site, and to the parking area to the west. The drive thru queuing line provides access for 9 vehicles prior to conflicting with the pedestrian cross walk to the west of the site which exceeds the minimum stacking requirement of 8 cars.

Parking

Parking for the site is provided on all sides of the building, with the main parking area to the west of the structure and ADA accessible parking to the north. The number of parking spaces required by Off-Street Parking, Stacking, and Loading Regulations of City Code is 59 spaces (15 spaces/1,000 square feet) and the proposal is for 60 spaces which includes 3 ADA accessible spaces.

Landscape Design

The request includes landscaping required by the City of Chesterfield Tree Preservation and Landscape Requirements. This section requires a 30' landscape buffer along all collector or arterial roadways. The applicant has submitted a request for modification to this requirement relative to the limited planting area along Chesterfield Airport Road, and that request has been approved by Staff based on site limitations including an existing drainage swale, existing stormwater easement, and existing overhead electric lines. The existing street trees along Chesterfield Airport Road and hedgerow along the retaining wall will be maintained and additional planting in the bioretention area in the northwest portion of the site will be provided. With the landscape buffer modification approved, the proposal complies with the City's Tree Preservation and Landscape Requirements.

Architectural Elevations

The applicant is proposing a single story building that is approximately 23 feet in height. The building height is similar to the adjacent developments. The proposed building design features elevations that are pronounced with brick, stucco, galvanized steel with kynar finish, aluminum and glass. The building will include a brick accent band which will run along the bottom of the building, with vertical projections of brick to accent the articulation of the structure. Elements such as the 3 foot tall masonry wainscoting, awnings, and windows are proposed to provide a sense of human scale while the manipulation of the roofline on the northern elevation assists in defining the entrance to the structure as seen in Figure 2 below. The design of the structure establishes clear hierarchy of building entries and service windows, and integrates the outdoor seating area through articulation of the structure. Drive-thru windows have been oriented away from Chesterfield Airport Road, as required by the City's Architectural Review Design Standards, and the windows are partially screened from view from RHL Drive by tree plantings.

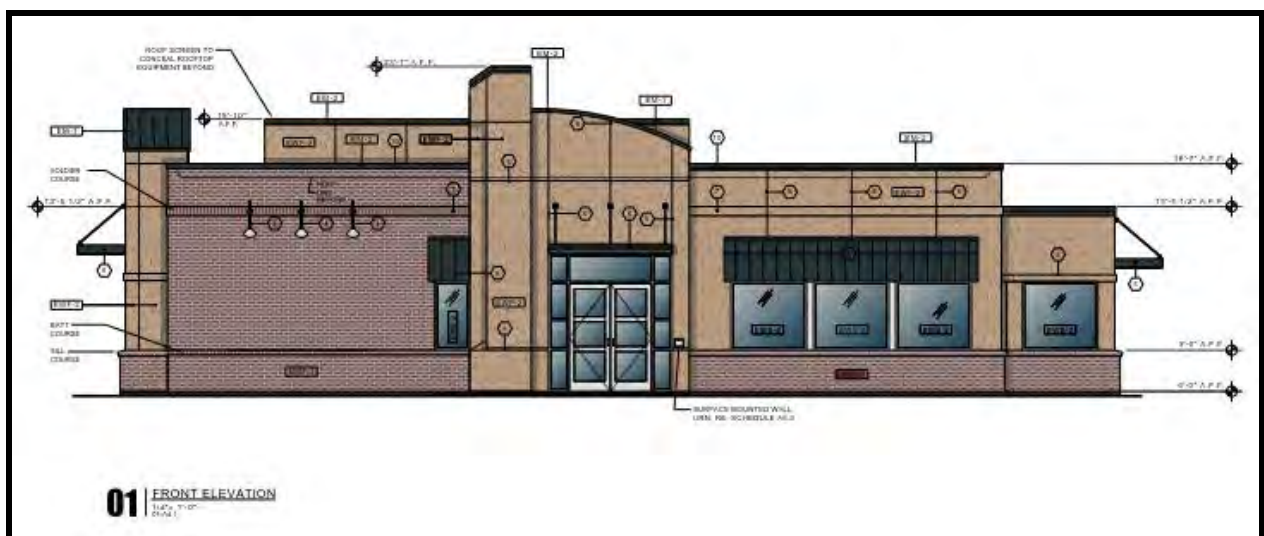


Figure 2

The proposed color palette for the building is a mixture of earth tones contrasted with dark metallic grey accents. The building will complement the quality of development in the Chesterfield Valley through the use of brick, stucco, aluminum, and steel. Additionally, there are canopies constructed of galvanized steel with kynar finish proposed on the front and side elevations to further accent the building. The dumpster enclosure on the site will consist of 8 foot tall masonry screen walls to match the building with doors that will be metal painted gloss black. This enclosure will be further screened by evergreens on the north, east, and south sides. The roof-top equipment will be screened by parapets on the building.

The project was reviewed by the Architectural Review Board (ARB) on May 12th, 2016. A motion to forward the submittal to Planning Commission with a recommendation for approval as presented by Staff was passed by a vote of 6-0. The Board requested that Staff verify the subtlety of the proposed architectural accent lighting as shown and provide images of the lighting to Planning Commission. This will be further discussed in the Lighting section of this report.

Lighting

The plan proposes several utilitarian and architectural accent lighting fixtures. The building will include 3 gooseneck fixtures on the front elevation to accent the brick work on this portion of the structure and ultimately will provide lighting to potential signage in this area. Various architectural lights are integrated into the building design and proposed near the entrances and drive-thru windows. The east elevation will also include 3 wall sconces which will illuminate the wall area between the drive-thru windows. The vertical illumination produced by the sconces will terminate below the building roof line. The area near the drive-thru windows will be vertically illuminated from a fixture recessed within the drive-thru awning. The awnings at building entries will integrate the same recessed vertical lighting fixture to illuminate the walkways at the north and west of the structure. More utilitarian lighting is located above the building entries on the southern elevation and within the "staging area" on the southern elevation. The parking area fixtures are proposed to be mounted at 20 feet and are fully shielded, full cut off LED fixtures. All lighting proposed with this development adheres to the City of Chesterfield Lighting Standards. The cut-sheets for all the proposed fixtures are included as attachments to this report.

White LED accent lighting is also proposed at the roofline where the stucco and kynar finished galvanized steel materials meet. As previously mentioned, additional analysis of the visual effects of this lighting was recommended by the ARB prior to Planning Commission review. Staff obtained the photo, Figure 3 on the next page, of the Mid Rivers Mall location which depicts the same lighting proposed with this project. The LED accent lighting proposed is not as intense as other building lighting and would be consistent with the architectural accent lighting on adjacent structures within the Chesterfield Valley.



Figure 3

STAFF RECOMMENDATION

Staff has reviewed the Site Development Section Plan, Landscape Plan, Tree Stand Delineation, Tree Preservation Plan, Lighting Plan, Architectural Elevations, and Architect's Statement of Design and has found the proposal to be in compliance with the site specific ordinance, the Site Development Concept Plan, Comprehensive Plan, and all City Code requirements. Staff recommends approval of the proposed development of Chesterfield Commons West, Outlot 4 (Raising Cane's).

MOTION

The following options are provided to the Planning Commission for consideration relative to this application:

- 1) "I move to approve (or deny) the Site Development Section Plan, Landscape Plan, Tree Stand Delineation, Tree Preservation Plan, Lighting Plan, Architectural Elevations and Architect's Statement of Design for Chesterfield Commons West, Outlot 4 (Raising Cane's)."
- 2) "I move to approve the Site Development Section Plan, Landscape Plan, Tree Stand Delineation, Tree Preservation Plan, Lighting Plan, Architectural Elevations and Architect's Statement of Design for Chesterfield Commons West, Outlot 4 (Raising Cane's) with the following conditions..." (Conditions may be added, eliminated, altered, or modified)

Planning Commission
July 11, 2016

Chesterfield Commons West, Outlot 4 (Raising Cane's)
Site Development Section Plan

Attachments: Site Development Section Plan
Landscape Plan
Tree Stand Delineation Plan
Tree Preservation Plan
Lighting Plan
Lighting Cut-sheets
Architect's Statement of Design
Architectural Elevations
Architectural Rendering

CC: Aimee Nassif

SITE DEVELOPMENT SECTION PLAN FOR RAISING CANE'S CHICKEN FINGERS CHESTERFIELD COMMONS WEST, OUTLOT 4 GOVERNING ORDINANCE #2156

SCRIPT FOR A SITE DEVELOPMENT SECTION PLAN

LOT 5 OF CHESTERFIELD COMMONS WEST PLAT 2, ACCORDING TO THE PLAT THEREOF RECORDED IN PLAT BOOK 353 PAGE 792 OF THE ST. LOUIS COUNTY RECORDS.

THE CHESTERFIELD THREE DEVELOPMENT, L.L.C., THE OWNERS OF THE PROPERTY SHOWN ON THIS PLAN FOR AND IN CONSIDERATION OF BEING GRANTED APPROVAL OF SAID PLAN TO DEVELOP PROPERTY UNDER THE PROVISIONS OF SECTION 31-03-04, PLANNED COMMERCIAL OF CITY OF CHESTERFIELD UNIFIED DEVELOPMENT CODE, DO HEREBY AGREE AND DECLARE THAT SAID PROPERTY FROM THE DATE OF RECORDING THIS PLAN SHALL BE DEVELOPED ONLY AS SHOWN THEREON, UNLESS SAID PLAN IS AMENDED BY THE CITY OF CHESTERFIELD, OR VOIDED OR VACATED BY ORDER OF ORDINANCE OF THE CITY OF CHESTERFIELD COUNCIL.

(SIGNATURE): _____
(NAME TYPED): R. DENNIS LaRUE, PROPERTY MANAGER
THF CHESTERFIELD THREE DEVELOPMENT L.L.C.

STATE OF _____) S.S.
COUNTY OF _____)

ON THIS _____ DAY OF _____ A.D., 2016, BEFORE ME PERSONALLY APPEARED _____ TO ME KNOWN, WHO, BEING BY ME SWORN IN, DID SAY THAT HE/SHE IS THE _____ OF _____ OF _____ (NAME OF CORPORATION)

A CORPORATION IN THE STATE OF _____ AND THAT THE SEAL AFFIXED TO THE FOREGOING INSTRUMENTS IS THE CORPORATE SEAL OF SAID CORPORATION, AND THAT SAID INSTRUMENT WAS SIGNED ON BEHALF OF SAID CORPORATION BY AUTHORITY OF ITS BOARD OF DIRECTORS, AND THE SAID _____ ACKNOWLEDGED SAID INSTRUMENT TO BE THE FREE ACT AND DEED OF SAID CORPORATION.

IN TESTIMONY WHEREOF, I HAVE HEREUNTO SET MY HAND AND AFFIXED MY NOTARIAL SEAL AT MY OFFICE IN _____ THE DAY AND YEAR LAST ABOVE WRITTEN. MY TERM EXPIRES _____

(NOTARY PUBLIC)

THIS SITE DEVELOPMENT SECTION PLAN WAS APPROVED BY THE CITY OF CHESTERFIELD PLANNING COMMISSION AND DULY VERIFIED ON THE _____ DAY OF _____ 2016, BY THE CHAIRPERSON OF SAID COMMISSION, AUTHORIZING THE RECORDING OF THIS SITE DEVELOPMENT PLAN PURSUANT TO CHESTERFIELD ORDINANCE NUMBER _____ AS ATTESTED TO BY THE PLANNING AND DEVELOPMENT SERVICES DIRECTOR AND THE CITY CLERK.

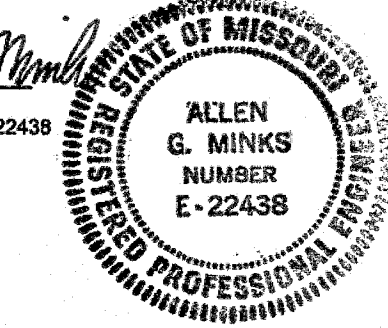
ANNEE NASSIF, AICP
PLANNING AND DEVELOPMENT SERVICES DIRECTOR
CITY OF CHESTERFIELD, MISSOURI

VICKIE HASS, CITY CLERK
CITY OF CHESTERFIELD, MISSOURI

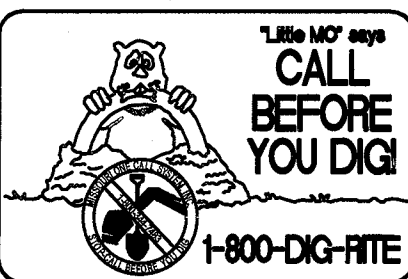
GEOTECHNICAL ENGINEER'S STATEMENT

TERRACON CONSULTANTS, INC. AT THE REQUEST OF RAISING CANE'S RESTAURANTS, LLC HAS PROVIDED GEOTECHNICAL SERVICES FOR THE PROJECT PROPOSED HEREON. A GEOTECHNICAL INVESTIGATION WAS CONDUCTED FOR THIS PROJECT, THE FINDINGS OF WHICH INDICATE THAT THE EARTH-RELATED ASPECTS ARE SUITABLE FOR THE DEVELOPMENT PROPOSED HEREON PURSUANT TO THE GEOTECHNICAL FINDINGS AND RECOMMENDATIONS SET FORTH IN OUR JANUARY 7, 2016 REPORT, TITLED "GEOTECHNICAL ENGINEERING REPORT-RAISING CANE'S RESTAURANT, 17360 CHESTERFIELD AIRPORT ROAD, CHESTERFIELD, MISSOURI."

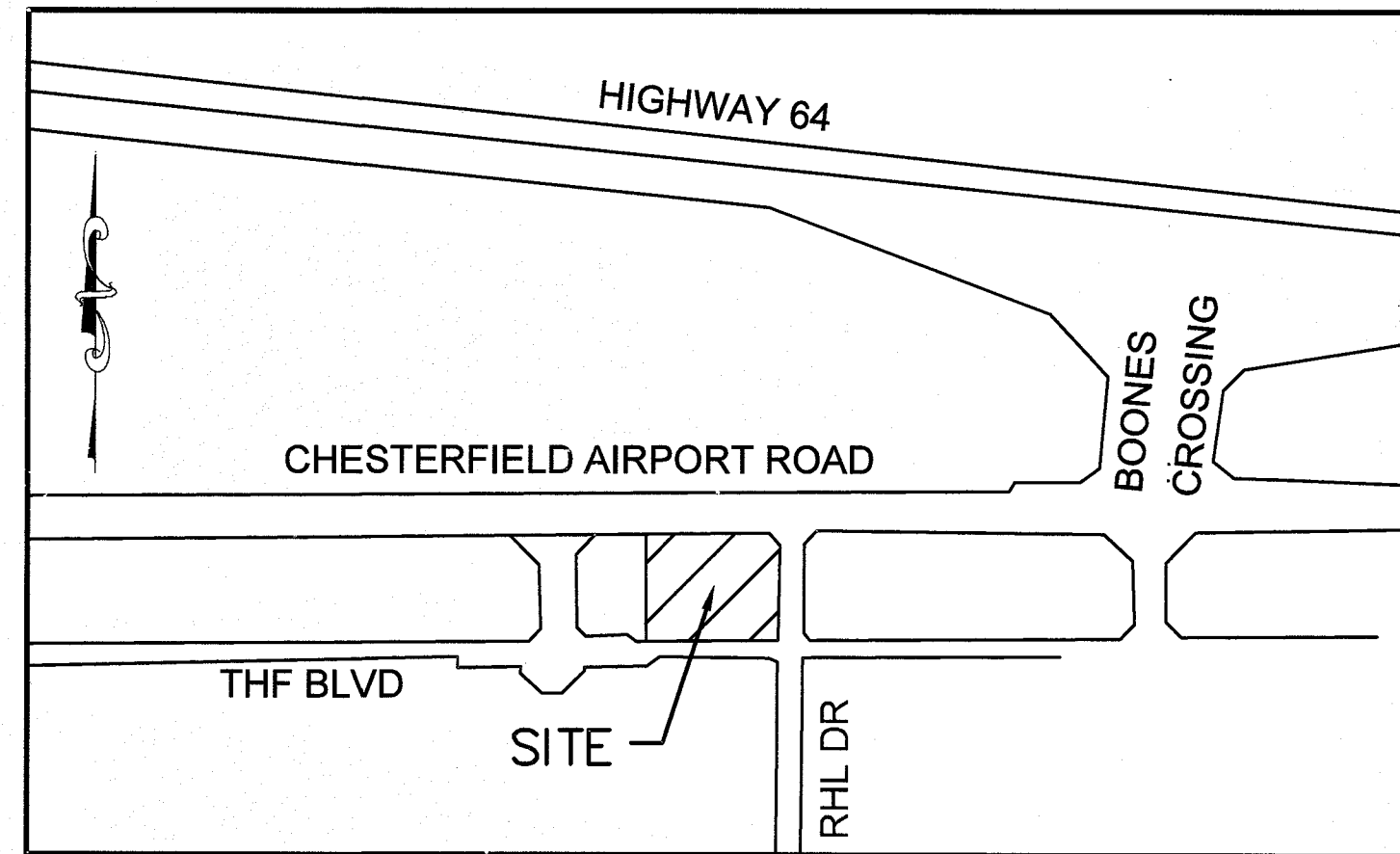
TERRACON CONSULTANTS, INC.
ALLEN G. MINKS, P.E.
MISSOURI REGISTRATION NO. E-22438



4-6-16
DATE



NOTE:
Underground utilities and structures have been plotted from available information and therefore, their location must be considered approximate only. It is the responsibility of the individual contractors to notify the utility companies before actual construction.



LOCATION MAP
N.T.S.

SITE COVERAGE CALCULATIONS

FLOOR TO AREA RATIO
3,616/90,499 = 0.04 FAR

EXISTING IMPERVIOUS AREA
1.14 ACRES OF PAVEMENT AND 0.24 ACRES OF BUILDING
EXISTING GREEN SPACE
0.70 AC.
EXISTING PERCENT OF IMPERVIOUS AREA COVERAGE = 66.3%

PROPOSED IMPERVIOUS AREA PARKING LOT AND BUILDING
0.36 ACRES OF PAVEMENT AND 0.08 ACRES OF BUILDING
PROPOSED GREEN SPACE
1.02 ACRES
PROPOSED PERCENT OF IMPERVIOUS AREA COVERAGE = 51.0%

THIS SITE PLAN PROPOSES A DECREASE OF 0.32 ACRES IN IMPERVIOUS AREA COVERAGE

PROPERTY DATA

Owner	THF Chesterfield Three Development
Lessee	Raising Cane's Restaurants L.L.C.
Address	17360 Chesterfield Airport Road
Parcel ID	17U330244/17U330255
Acreage	2.08 Acres
Present Zoning	PC, Planned Commercial
Proposed Zoning and Use:	PC, Planned Commercial
Maximum Building Height:	3 Stories or 45 feet
Fire District	Monarch Fire District (314) 514-0696
Electric Company	AmerenUE/Ellisville District (314) 992-8919
Gas Company	Laclede Gas Company (314) 342-0782
Sewer District	Metropolitan St. Louis Sewer District (314) 788-6272
Telephone Company	AT&T (636) 227-9167
Cable TV Company	Charter Communications (314) 713-6378
Water Company	Missouri American Water Company (314) 996-2432
FEMA Map	29189C0165K February 4, 2015
Water Shed	Missouri River

EXISTING LEGEND	
○	FOUND IRON PIPE
⊙	SET IRON PIPE (2012007849)
□	FOUND STONE MONUMENT
⊕	FIRE HYDRANT
⊕	WATER VALVE
⊕	WATER METER VAULT
⊕	IRRIGATION CONTROL VALVE
⊕	GAS VALVE
⊕	GAS METER
⊕	LIGHT STANDARD
○	CLEAN OUT
○	SANITARY SEWER MANHOLE
○	STORM SEWER MANHOLE
⊕	STORM SEWER INLET
⊕	PIPE BOLLARD
⊕	SIGN
⊕	BUSH
⊕	TREE
⊕	TRAFFIC SIGNAL BOX
⊕	MONITORING WELL
⊕	TEST HOLE
⊕	PEDESTRIAN SIGNAL
⊕	ELECTRIC METER
⊕	STORM CURB INLET
⊕	STORM DOUBLE CURB INLET
⊕	AIR CONDITIONER
⊕	DOWN SPOUT
⊕	BACK OF CURB

PROPOSED LEGEND	
⊕	UTILITY POLE
⊕	FIRE HYDRANT
⊕	WATER VALVE
⊕	WATER METER VAULT
⊕	GAS METER
⊕	LIGHT STANDARD
○	CLEAN OUT
⊕	MONITORING WELL
⊕	SANITARY SEWER MANHOLE
⊕	STORM SEWER MANHOLE
⊕	GRATE INLET
⊕	DOUBLE CURB INLET
○	PIPE BOLLARD
⊕	ADA ACCESSIBLE SIGN
⊕	ELECTRIC METER
⊕	UNDERGROUND ELECTRIC
⊕	UNDERGROUND TELEPHONE
⊕	1.5" W - 1.5" WATER MAIN
⊕	6" W - 6" WATER MAIN
⊕	8" W - 8" WATER MAIN
⊕	GAS LINE
⊕	CONTOUR LINE
⊕	TRANSFORMER
⊕	PREVIEW BOARD
⊕	MENU BOARD
⊕	ISA SYMBOL

BENCHMARK INFORMATION:

ELEVATION WAS ESTABLISHED FROM THE MISSOURI DEPARTMENT OF TRANSPORTATION VRS, RTK, CORS NETWORK, REFERENCED TO NAVD 88.

SITE BENCHMARK:

- CUT SQUARE ON NW CORNER OF THE HEADWALL IN THE NORTHEAST CORNER OF THE PROPERTY. ELEV: 458.03'
- IRON PIPE MARKING SOUTHWEST PROPERTY CORNER WITH VOLZ CAP. ELEV: 458.64'

GENERAL NOTES

- PROPOSED USE: RESTAURANT WITH DRIVE-THRU WINDOW
- ALL PROPOSED UTILITIES SHALL BE LOCATED UNDERGROUND.
- SANITARY AND STORM SEWERS SHALL BE DESIGNED PER METROPOLITAN SEWER DISTRICT REQUIREMENTS AND SPECIFICATIONS.
- BUILDING HEIGHT, SITE LIGHTING AND SIGNAGE SHALL BE IN ACCORDANCE WITH CITY OF CHESTERFIELD REQUIREMENTS.
- GRADING AND DRAINAGE SHALL BE PER CITY OF CHESTERFIELD AND METROPOLITAN SEWER DISTRICT SPECIFICATIONS.
- SITE SHALL COMPLY WITH WITH 2010 ADAAG ACCESSIBLE REGULATIONS.
- SIDEWALKS, CURB RAMPS, RAMPS AND ACCESSIBLE PARKING SPACES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CURRENT APPROVED "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES" (ADAAG) ALONG WITH THE REQUIRED GRADES, CONSTRUCTION MATERIALS, SPECIFICATIONS AND SIGNAGE. IF ANY CONFLICT OCCURS BETWEEN THE ADAAG GUIDELINES AND THE INFORMATION ON THE PLANS, THE ADAAG GUIDELINES SHALL TAKE PRECEDENCE AND THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER PRIOR TO ANY CONSTRUCTION.
- NO SLOPE SHALL BE GREATER THAN 3:1 UNLESS SUPPORTED BY A GEOTECHNICAL REPORT.
- SIDEWALKS ALONG ACCESSIBLE ROUTE SHALL NOT HAVE A SLOPE EXCEEDING 1:20. SLOPES GREATER THAN 1:20 MUST BE DESIGNED AS A RAMP.
- ALL DIMENSIONS ARE TO FACE OF CURB OR BUILDING UNLESS NOTED OTHERWISE.
- PARKING CALCULATIONS:
PARKING REQUIRED:
15 SPACES PER 1,000 SQ. FT. OF FLOOR AREA
3,616 GROSS SQ. FT. / 1,000 x 15 = 54.24 SPACES
360 SQ. FT. OF PAVTIO SEATING = 3.4 SPACES
TOTAL REQUIRED = 60 SPACES

PARKING PROVIDED:
STANDARD = 57 SPACES
ADA = 3 SPACES
TOTAL PARKING = 60 SPACES
- ALL EXISTING ONSITE STRUCTURES AND IMPROVEMENTS ARE TO BE DEMOLISHED UNLESS NOTED OTHERWISE ON THE PLANS.
- ALL PAVING SHALL BE IN ACCORDANCE WITH THE CITY OF CHESTERFIELD STANDARDS AND SPECIFICATIONS.
- A LAND DISTURBANCE PERMIT WILL BE REQUIRED FROM THE DEPARTMENT OF NATURAL RESOURCES PRIOR TO CONSTRUCTION PLAN APPROVAL.
- SETBACK REQUIREMENTS:
BUILDING SETBACKS:
50' BUILDING SETBACK FROM CHESTERFIELD AIRPORT ROAD RIGHT-OF-WAY
20' BUILDING SETBACK FROM RHL DRIVE RIGHT-OF-WAY
20' BUILDING SETBACK FROM THF BOULEVARD RIGHT-OF-WAY
10' BUILDING SETBACK FROM WESTERNMOST PROPERTY LINE

LANDSCAPE SETBACKS:
30' LANDSCAPE SETBACK FROM CHESTERFIELD AIRPORT ROAD RIGHT-OF-WAY
15' LANDSCAPE SETBACK FROM RHL DRIVE RIGHT-OF-WAY
15' LANDSCAPE SETBACK FROM THF BOULEVARD RIGHT-OF-WAY
5' LANDSCAPE SETBACK FROM WESTERNMOST PROPERTY LINE
- ALL HVAC AND MECHANICAL EQUIPMENT SHALL BE SCREENED FROM PUBLIC VIEW.
- ALL LAWN AND LANDSCAPE AREAS SHALL BE IRRIGATED. IRRIGATION SYSTEM SHALL BE PER THE LANDSCAPE ARCHITECT.
- PER FEMA FIRM MAP 29189C0165K, PANEL 165 OF 445, CITY OF CHESTERFIELD, MISSOURI, DATED FEBRUARY 4, 2015 - THE PROPERTY IS ZONE "X" (SHADED), AREAS OF 0.2% ANNUAL CHANCE FLOOD; AREAS OF 1% ANNUAL CHANCE FLOOD WITH AVERAGE DEPTHS OF LESS THAN 1 FOOT OR WITH DAMAGE AREAS LESS THAN 1 SQUARE MILE; AND AREAS PROTECTED BY LEVEES FROM 1% ANNUAL CHANCE FLOOD.
- NO ON-SITE ILLUMINATION SOURCE SHALL BE SO SITUATED THAT LIGHT IS CAST DIRECTLY ON ADJOINING PROPERTIES OR PUBLIC ROADWAYS. ILLUMINATION LEVELS SHALL COMPLY WITH THE PROVISIONS OF SECTION 04-03 OF THE UNIFIED DEVELOPMENT ORDINANCE.
- APPROVAL OF THIS PLAN DOES NOT CONSTITUTE APPROVAL OF SIGNAGE. SIGN APPROVAL IS A SEPARATE PROCESS.
- UTILITY LOCATIONS SHOWN ON THE PLAN ARE LOCATED BY ABOVE GROUND EVIDENCE. MARKINGS BY MISSOURI ONE CALL AND UTILITY BASE MAP INFORMATION. THEIR LOCATION SHOULD BE CONSIDERED APPROXIMATE. THE CONTRACTOR HAS THE RESPONSIBILITY TO NOTIFY ALL UTILITY COMPANIES PRIOR TO CONSTRUCTION.
- DUMPSTER ENCLOSURE SHALL BE SCREENED ON ALL FOUR SIDES WITH 6' TALL MASONRY WALLS.
- ALL PROPOSED IMPROVEMENTS SHALL BE CONSTRUCTED TO MEET THE CITY OF CHESTERFIELD UNIFIED DEVELOPMENT ORDINANCE.
- NO STEP SHALL BE ALLOWED AT ACCESSIBLE ENTRANCE DOORS.
- ALL UTILITY TAPS AND CONNECTIONS ARE TO BE PERFORMED PER UTILITY SERVICE PROVIDER SPECIFICATIONS.
- DRIVE ENTRANCES ARE TO BE CONSTRUCTED PER THE CITY OF CHESTERFIELD DEPARTMENT OF PUBLIC WORKS AND THE ST. LOUIS COUNTY DEPARTMENT OF HIGHWAYS AND TRAFFIC SPECIFICATIONS.
- REFER TO ARCHITECTURAL PLANS FOR EXACT BUILDING DIMENSIONS AND DETAILS.
- A CONTINUOUS CROSS ACCESS EASEMENT SHALL BE ESTABLISHED FROM THE WESTERN DRIVE TO THE ENTRANCE TO THF BLVD.

GRADING NOTES

- THE CONTRACTOR SHALL RESTORE OFFSITE CONSTRUCTION AREAS TO AN EQUAL OR BETTER CONDITION THAN EXISTED PRIOR TO COMMENCEMENT OF CONSTRUCTION.
- ALL GRADES SHALL BE WITHIN 0.1 FEET MORE OR LESS OF THOSE SHOWN ON THE GRADING PLAN.
- NO SLOPE SHALL BE GREATER THAN 3:1 AND SHALL BE EITHER SODDED OR SEEDED AND MULCHED UNLESS OTHERWISE NOTED OR DETAILED.
- THE CONTRACTOR SHALL FIELD INVESTIGATE THE ENTIRE SITE PRIOR TO HIS BID SUBMITTAL NOTING THE EXISTING VEGETATION AND TREES AND INCLUDING THE REMOVAL AND DISPOSAL OF SAME IN HIS BID.
- NO AREA SHALL BE CLEARED WITHOUT PERMISSION OF THE OWNER.
- SILTATION CONTROL WILL BE PROVIDED AS REQUIRED TO PREVENT RUN-OFF. SEE SILTATION CONTROL PLAN AND DETAILS.
- ALL TRASH, DEBRIS, ORGANIC MATERIAL, REFUSE, FROZEN EARTH, ETC., SHALL BE REMOVED FROM FILL AREAS PRIOR TO THE PLACEMENT OF CONTROLLED FILL. ALL FILLS AND BACKFILLS SHALL BE MADE OF SELECTED EARTH MATERIALS, FREE FROM BROKEN MASONRY, ROCK, FROZEN EARTH, RUBBISH, ORGANIC MATERIAL AND DEBRIS.
- THE CONTRACTOR SHALL PROVIDE EROSION CONTROL PER THE EROSION AND SEDIMENT CONTROL PLAN AND MAY BE REQUIRED TO PROVIDE ADDITIONAL MEASURES AS REQUESTED BY THE CITY OF CHESTERFIELD. SHOULD EROSION CONTROL PLAN PROVE TO BE INSUFFICIENT.
- CARE SHALL BE EXERCISED IN COMPACTION OF BACKFILL MATERIALS OVER THE TOP OF STRUCTURES OR PIPES IN ORDER TO PREVENT DAMAGE TO THE WATERPROOFING MEMBRANES, JOINTS, SEALS AND/OR THE PIPES AND STRUCTURES THEMSELVES. COMPACTION AND PLACING OF BACKFILL AND FILL MATERIALS SHALL BE PERFORMED UNDER THE CONTINUOUS SUPERVISION OF AN APPROVED TESTING LABORATORY. FILL SHALL NOT BE PLACED ON FROZEN GROUND, NOR SHALL FILLING OPERATIONS CONTINUE WHEN THE TEMPERATURE IS SUCH AS TO PERMIT THE LAYER UNDER PLACEMENT TO FREEZE.
- ALL CITY, COUNTY, AND STATE ROADS SHALL BE KEPT FREE OF DIRT DAILY.
- FINAL GRADES AT THE PROJECT BOUNDARY SHALL MATCH EXISTING ELEVATIONS UNLESS OTHERWISE SHOWN.
- PROPOSED CONTOURS SHOWN ARE FINISHED ELEVATIONS ON PAVED AREAS.
- THE DEVELOPER IS REQUIRED TO PROVIDE ADEQUATE STORM WATER SYSTEMS IN ACCORDANCE WITH THE CITY OF CHESTERFIELD, ST. LOUIS COUNTY AND MSD STANDARDS.
- ALL GRADING AND DRAINAGE TO BE IN CONFORMANCE WITH THE CITY OF CHESTERFIELD, ST. LOUIS COUNTY AND MSD STANDARDS.
- INTERIM STORM WATER DRAINAGE CONTROL IN THE FORM OF SILTATION CONTROL MEASURES ARE REQUIRED.
- ANY LAND DISTURBANCE ACTIVITY INVOLVING ONE (1) ACRE OR MORE OF LAND IS A MAJOR LAND DISTURBANCE (MLD) AND A LAND DISTURBANCE PERMIT FOR THE MLD MUST BE OBTAINED FROM THE DEPARTMENT OF PUBLIC WORKS. ANY LAND DISTURBANCE ACTIVITY INVOLVING LESS THAN (1) ONE ACRE IS AN ORDINARY LAND DISTURBANCE AND THE APPROPRIATE PERMIT(S) MUST BE OBTAINED FROM THE DEPARTMENT OF PUBLIC WORKS.
- ADEQUATE TEMPORARY OFF-STREET PARKING FOR CONSTRUCTION EMPLOYEES SHALL BE PROVIDED. PARKING ON NON-SURFACED AREAS SHALL BE PROHIBITED IN ORDER TO ELIMINATE THE CONDITION WHEREBY MUD FROM CONSTRUCTION AND EMPLOYEES' VEHICLES IS TRACKED ONTO THE PAVEMENT CAUSING HAZARDOUS ROADWAY AND DRIVEWAY CONSTRUCTION.



RAISING CANE'S
17360 CHESTERFIELD
AIRPORT RD.
CHESTERFIELD, MO 63005
PROTOTYPE 1
STORE #247
CHESTERFIELD COMMONS WEST
OUTLOT 4

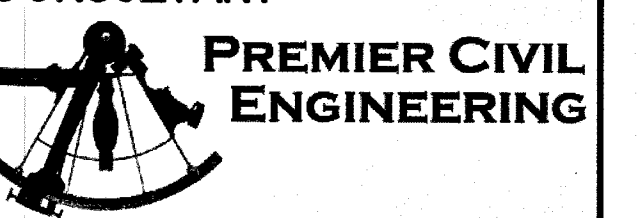
DEVELOPER/APPLICANT:

Raising Cane's Restaurants, L.L.C.
Attn: Robert Montgomery
6800 Bishop Road
Plano, TX 75024
Tele: 469-585-4690

OWNER:

THF Chesterfield Three Development, L.L.C.
2127 Innerbelt Business Center Drive
St. Louis, MO 63114
Telephone: (314) 429-0900

CONSULTANT:

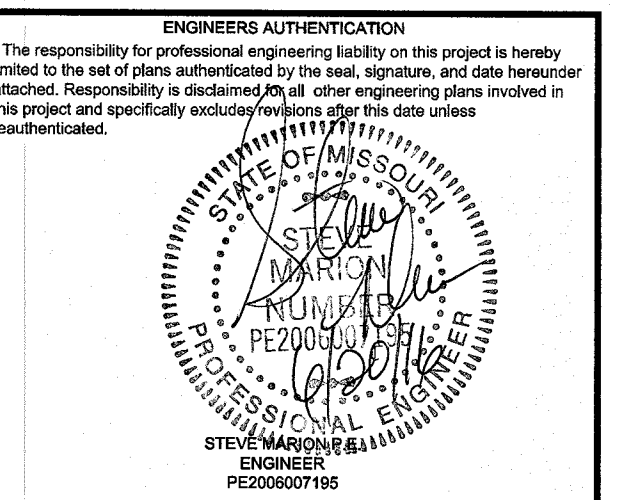


308 TCW Court
Lake Saint Louis, MO 63367
Phone: (314) 925-7444 Fax: (314) 925-7457
Missouri Certificate of Authority # E-2011000031
Missouri Certificate of Authority # LS-2012007849

ARCHITECT OF RECORD:



6767 Perkins Road Suite 200 Baton Rouge, LA 70808
Telephone: 225 767-0516 Fax: 225 767-0500
www.csrsllc.com
Attn: Yanez Moree



REVISIONS:

4-11-16 REVISED PER CITY OF CHESTERFIELD PLANNING COMMENTS
5-3-16 LIGHTING REVISED PER CITY OF CHESTERFIELD PLANNING COMMENTS
6-9-16 REVISED PER MONARCH FIRE PROTECTION DISTRICT COMMENTS

DRAWING BY: D. STOSZ

DATE: 3-8-2016

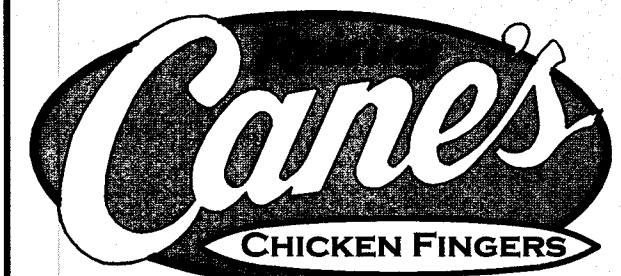
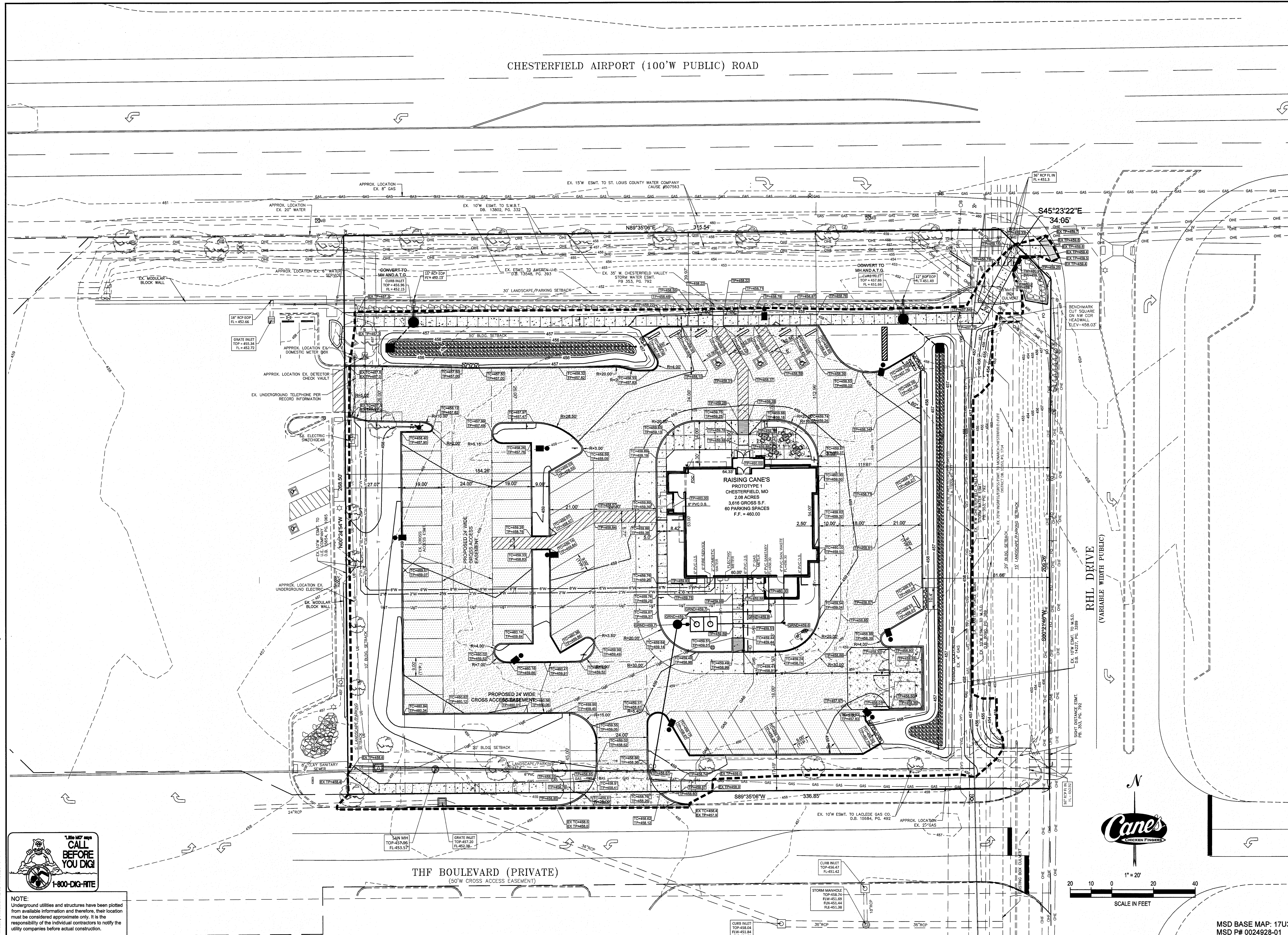
JOB NUMBER: 157301

TITLE:
SITE DEVELOPMENT SECTION PLAN COVER

SHEET NUMBER:
SDP-1

COMMENTS:
NOT RELEASED FOR CONSTRUCTION

MSD BASE MAP: 17U3
MSD P# 0024928-01



RAISING CANE'S
17360 CHESTERFIELD
AIRPORT RD.
CHESTERFIELD, MO 63005
PROTOTYPE 1
STORE #247
CHESTERFIELD COMMONS WEST
OUTLOT 4

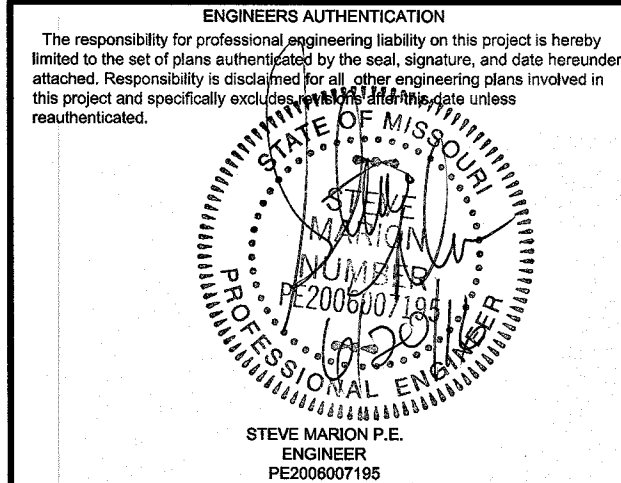
DEVELOPER/APPLICANT:
Raising Cane's Restaurants, L.L.C.
Attn: Robert Montgomery
6800 Bishop Road
Plano, TX 75024
Tele: 469-585-4690

OWNER:
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2127 Innerbelt Business Center Drive
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Telephone: (314) 429-0900



CONSULTANT:
**PREMIER CIVIL
ENGINEERING**
308 TCW Court
Lake Saint Louis, MO 63367
Phone: (314) 925-7444 Fax: (314) 925-7457
Missouri Certificate of Authority # E-20111000031
Missouri Certificate of Authority # LS-2012007849

ARCHITECT OF RECORD:
CSRS
IMAGINE SHAPE DELIVER
6767 Perkins Road Suite 200 Baton Rouge, LA 70808
Telephone: 225 769-0546 Fax: 225 767-0060
www.csrsline.com
Attn: Yanez Moore



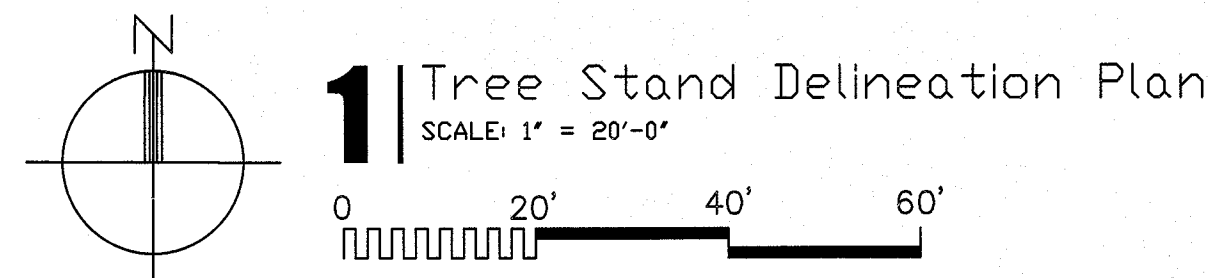
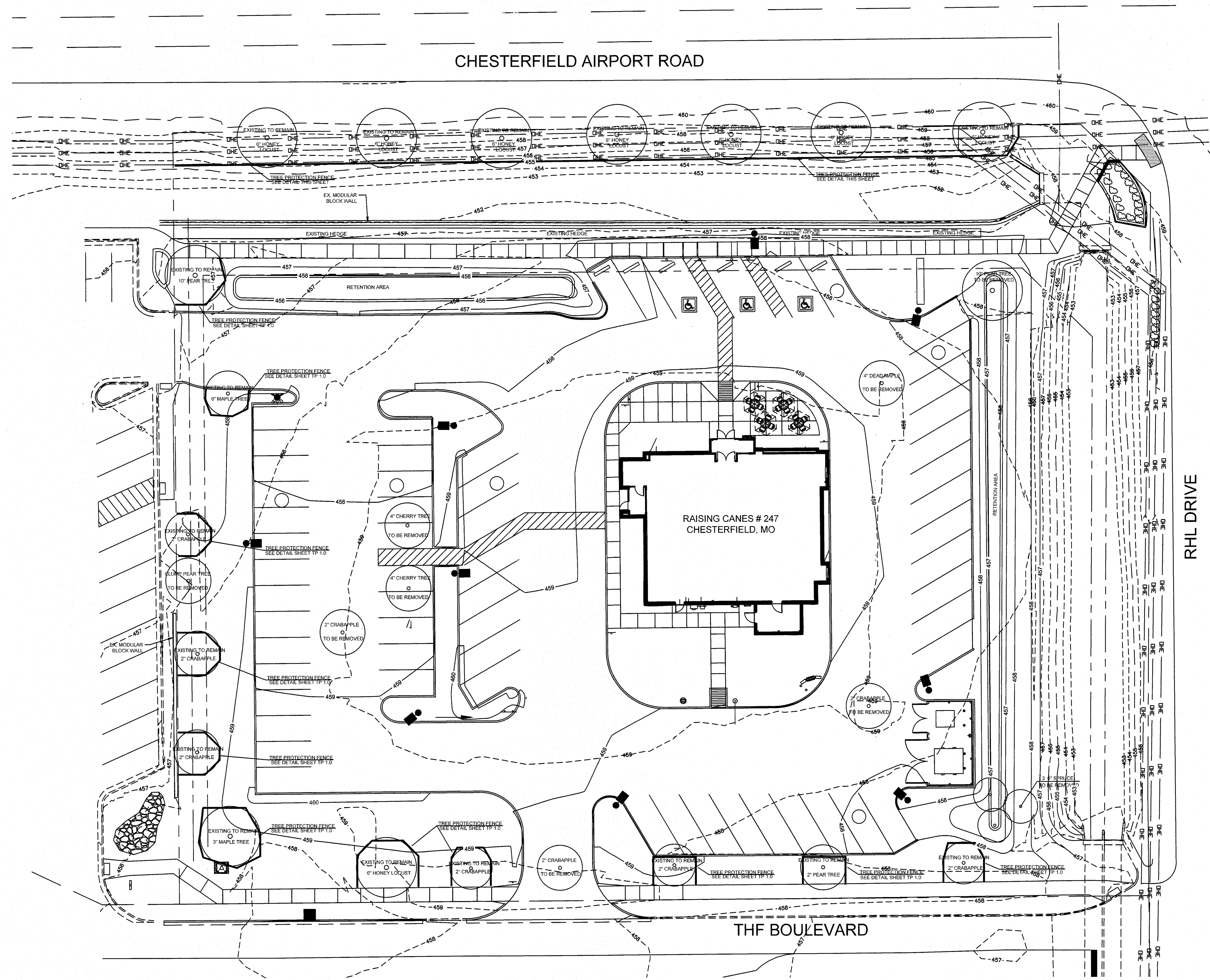
REVISIONS:
4-11-16 REVISED PER CITY OF CHESTERFIELD
PLANNING COMMENTS

DRAWING BY: D. STOSZ
DATE: 3-8-2016
JOB NUMBER: 157301
TITLE: SITE DEVELOPMENT
SECTION GRADING
PLAN
SHEET NUMBER:
SDP-3
COMMENTS:
NOT RELEASED FOR CONSTRUCTION



NOTE:
Underground utilities and structures have been plotted from available information and therefore, their location must be considered approximate only. It is the responsibility of the individual contractor to notify the utility companies before actual construction.

MSD BASE MAP: 17U3
MSD P# 0024928-01



B. Davidson
 BRYAN DAVIDSON
 GAMMA TREE EXPERTS
 ISA Certified Arborist MW-4452A
 CERTIFICATION NUMBER

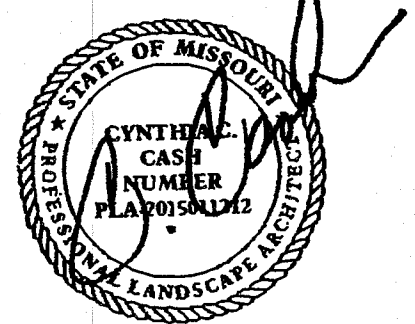


Restaurant Support Office
 6800 Bishop Road, Plano, TX 75024
 Tele: 214-455-7776

Prototype Issue Date: _____

Store:
**Raising Cane's
 Chesterfield Airport Road
 Chesterfield, MO
 Prototype 1
 Store #247**

Professional of Record:



Designer's Information:
CSRS
 IMAGINE SHAPE DELIVER
 6767 Perkins Road Suite 200 Baton Rouge, LA 70808
 Telephone: 225 769-0546 Fax: 225 767-0060
 www.csronline.com

**PRELIMINARY PLAN ONLY. NOT TO BE
 USED FOR CONSTRUCTION, BIDDING,
 RECORDATION, CONVEYANCE, OR SALES.**

Set Control Information:

#	Date:	Description:

FOR PERMIT

Sheet Revisions:

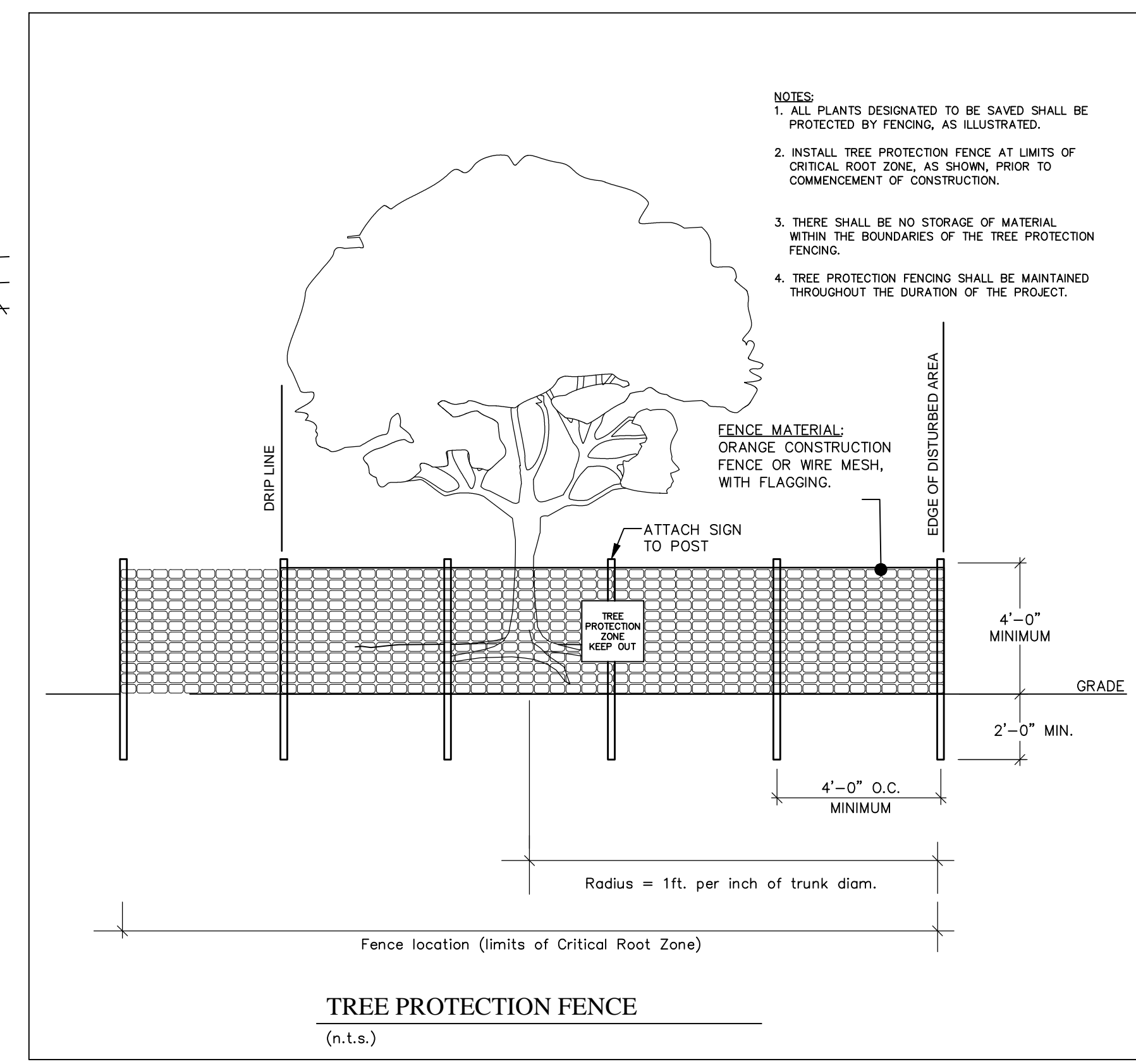
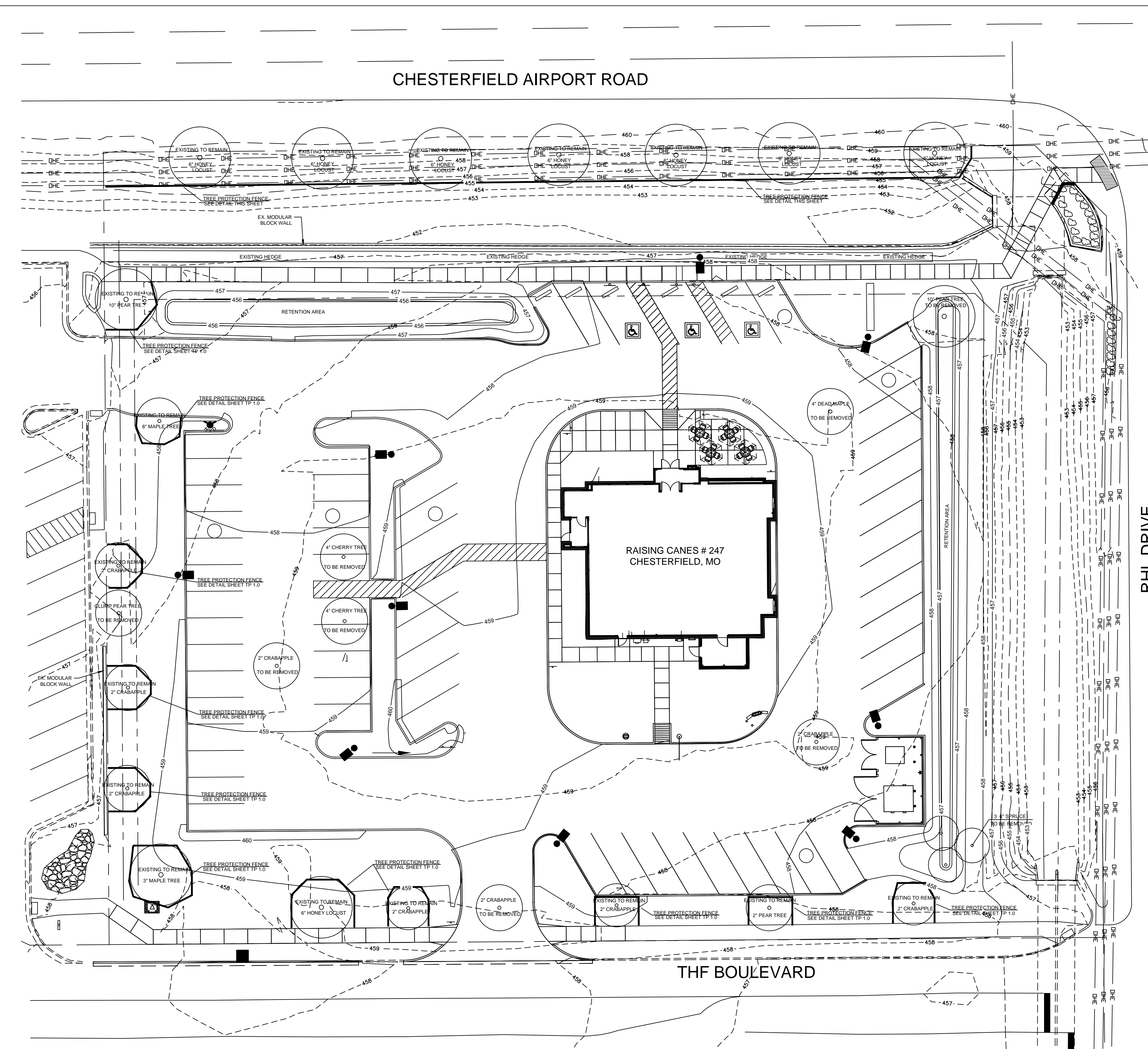
#	Date:	Description:
01	04/15/2016	Revised
02	05/04/2016	Light Poles revised
03	05/25/2016	Revised per City comments
04	05/31/2016	Revised added exist trees
05	06/10/2016	Revised parking layout changed

Sheet Title:
Tree Stand Delineation Plan

Date: February 4, 2016
 Project Number: 216000
 Drawn By: CCC / FJS 03/05/2016

Sheet Number: _____

TSD 1.0



- NOTES:
1. ALL PLANTS DESIGNATED TO BE SAVED SHALL BE PROTECTED BY FENCING, AS ILLUSTRATED.
 2. INSTALL TREE PROTECTION FENCE AT LIMITS OF CRITICAL ROOT ZONE, AS SHOWN, PRIOR TO COMMENCEMENT OF CONSTRUCTION.
 3. THERE SHALL BE NO STORAGE OF MATERIAL WITHIN THE BOUNDARIES OF THE TREE PROTECTION FENCING.
 4. TREE PROTECTION FENCING SHALL BE MAINTAINED THROUGHOUT THE DURATION OF THE PROJECT.

TREE PROTECTION FENCE
(n.t.s.)

TPP - Canopy Table

Total site Area	Ac.	Sq. Ft.	Rev. 06/01/2016
	2.08	90,605 s.f.	

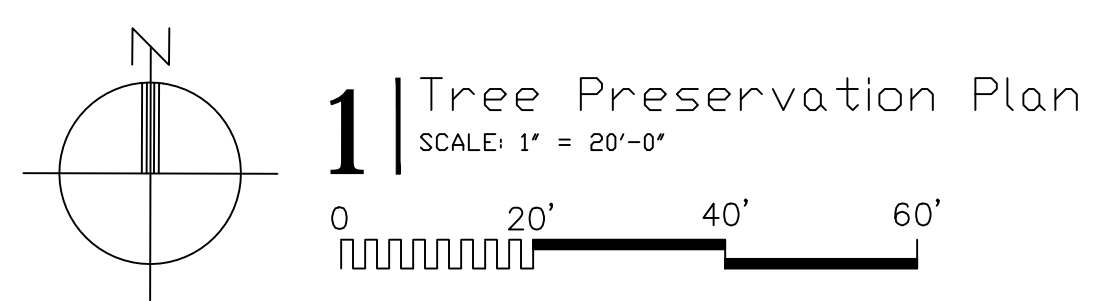
1. Existing Canopy Coverage		Qty	
Honey Locust *	1	400 s.f.	(on THF Blvd.)
Pear	3	900 s.f.	
Maple	2	800 s.f.	
Crab	9	1,800 s.f.	
Spruce	3	1,200 s.f.	
		5,100 s.f.	Total Canopy Coverage

2. Canopy Coverage Proposed for Removal		Qty	
Crab	4	800 s.f.	
Spruce	3	1,200 s.f.	
		2,000 s.f.	Total Removed

3. Canopy Coverage Proposed for Preservation		Qty	
Honey Locust	1	400 s.f.	
Pear	3	900 s.f.	
Maple	2	800 s.f.	
Crab	5	1,000 s.f.	
		3,100 s.f.	Total Preserved

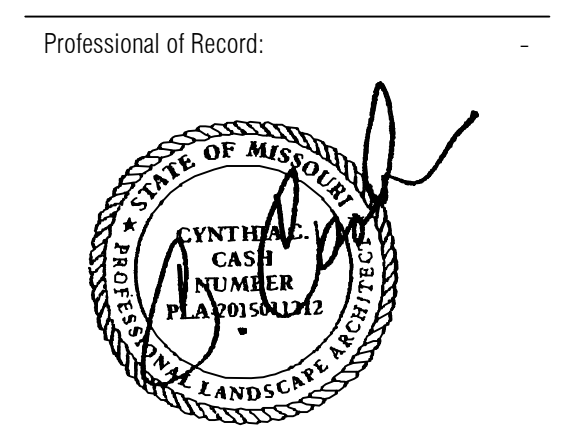
* Honey Locust on Chesterfield Airport Rd. not included.

- TREE PRESERVATION NOTES:
1. CLEARING LIMITS SHALL BE ROUGH STAKED TO FACILITATE LOCATION FOR TRENCHING AND FENCING INSTALLATION.
 2. NO CLEARING OR GRADING SHALL BEGIN IN AREAS WHERE TREE TREATMENT, PRESERVATION AND PROTECTION MEASURES HAVE NOT YET BEEN COMPLETED.
 3. SEE TREE FENCING DETAIL THIS SHEET.
 4. DEPENDING OF THE TIME OF THE YEAR OF CONSTRUCTION, TREES TO BE PRESERVED SHALL BE LIGHTLY PRUNED AND FERTILIZED BY A LICENSED TREE SPECIALIST.
 5. NAME OF TREE SPECIALIST: BRYAN DAVIDSON, GAMMA TREE EXPERTS, 164 North and South Rd., St Louis MO 63130.



Restaurant Support Office
6800 Bishop Road, Plano, TX 75024
Tele: 214-455-7776

Prototype Issue Date: _____
Store: **Raising Cane's**
Chesterfield Airport Road
Chesterfield, MO
Prototype 1
Store #247



Designer's Information:
CSRS
IMAGINE SHAPE DELIVER
6767 Perkins Road Suite 200 Baton Rouge, LA 70808
Telephone: 225 769-0546 Fax: 225 767-0060
www.csronline.com

PRELIMINARY PLAN ONLY. NOT TO BE USED FOR CONSTRUCTION, BIDDING, RECORDATION, CONVEYANCE, OR SALES.

Set Control Information:

#	Date:	Description:

FOR PERMIT

Sheet Revisions:

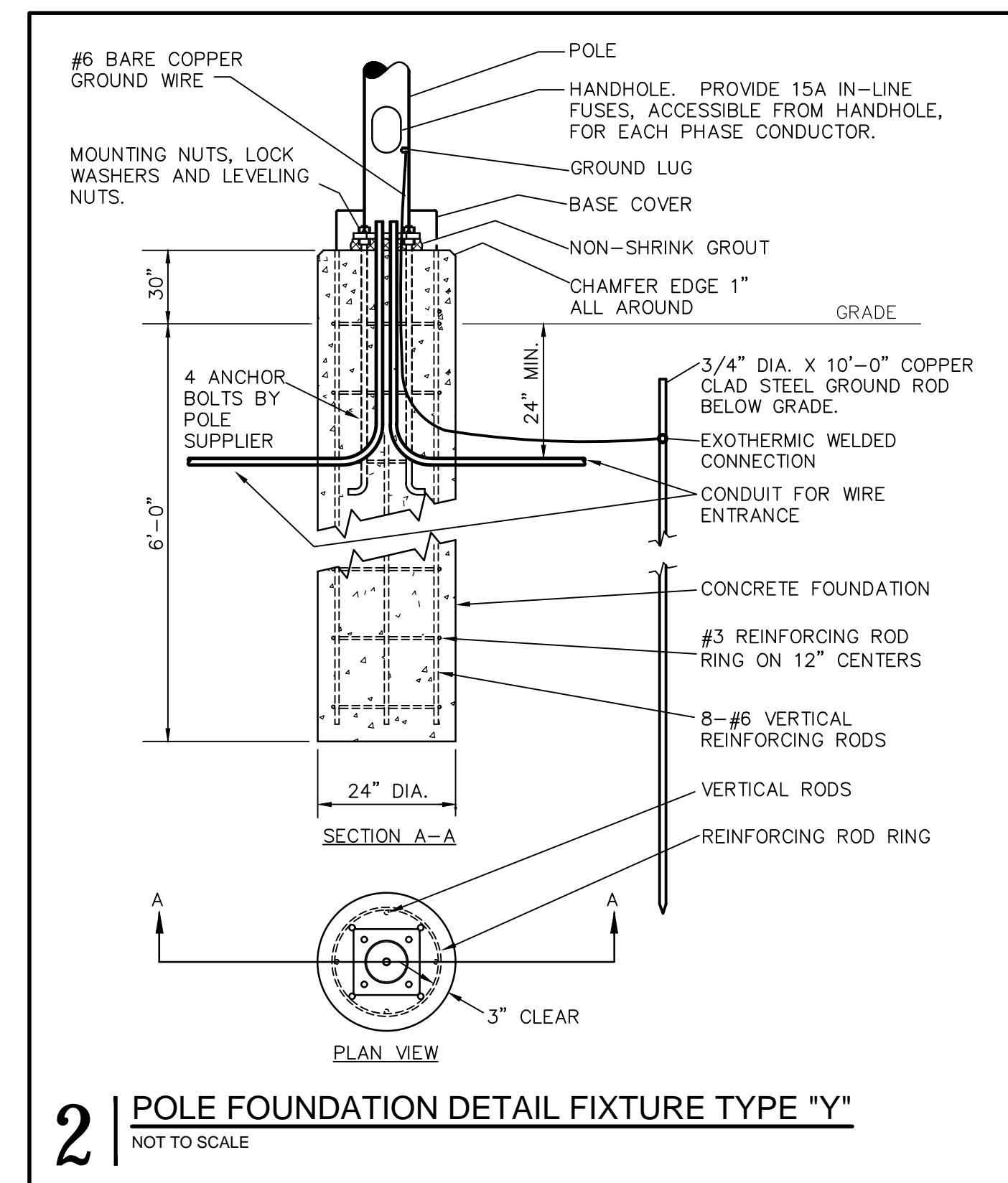
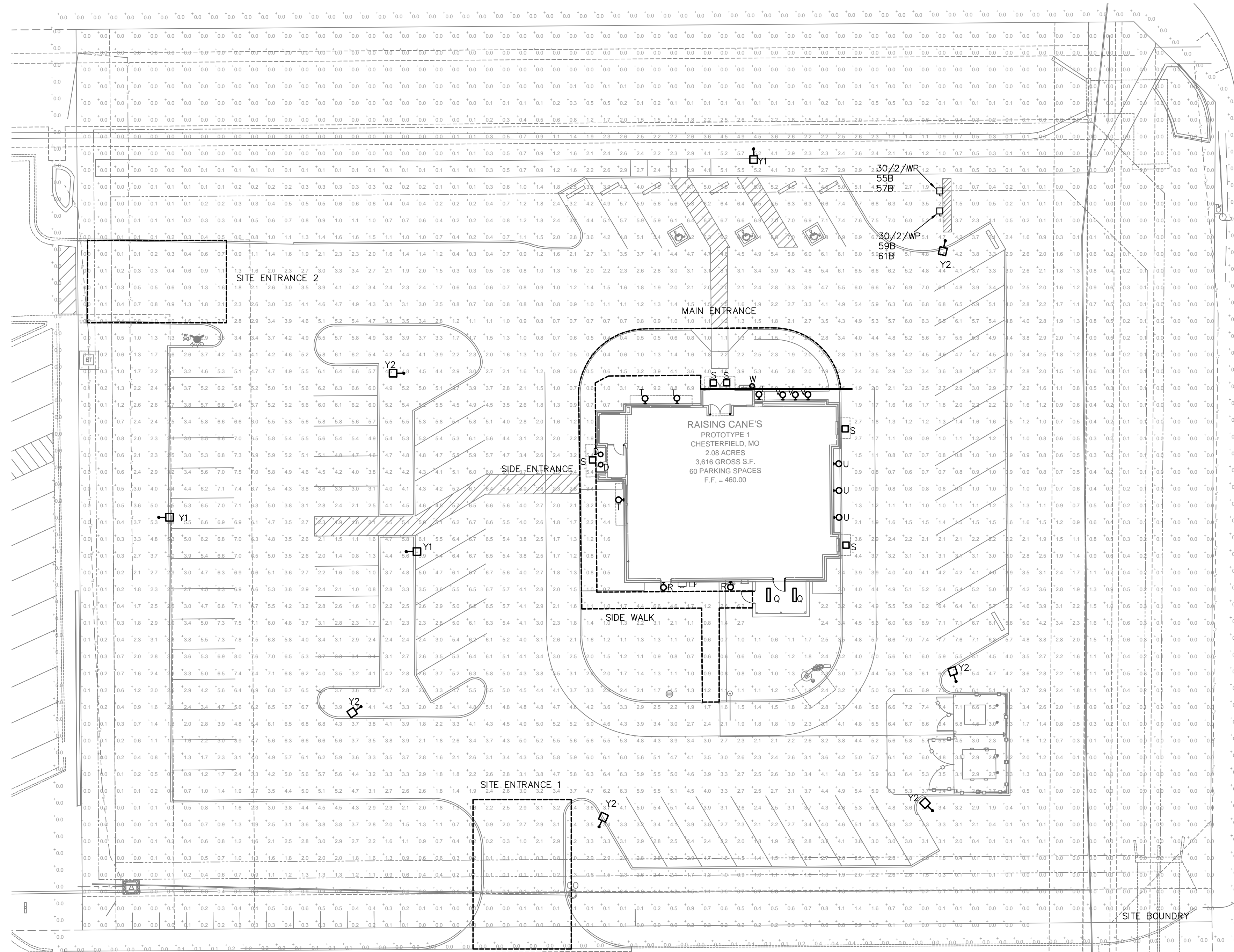
#	Date:	Description:
01	04/15/2016	Revised
02	05/04/2016	Light Poles revised
03	05/25/2016	Revised per City comments
04	05/31/2016	Revised added exist trees
05	06/10/2016	Revised parking layout changed

Sheet Title:
Tree Preservation Plan

Date: February 4, 2016
Project Number: 216000
Drawn By: CCC / FJS 03/05/2016

Sheet Number: _____

TP 1.0



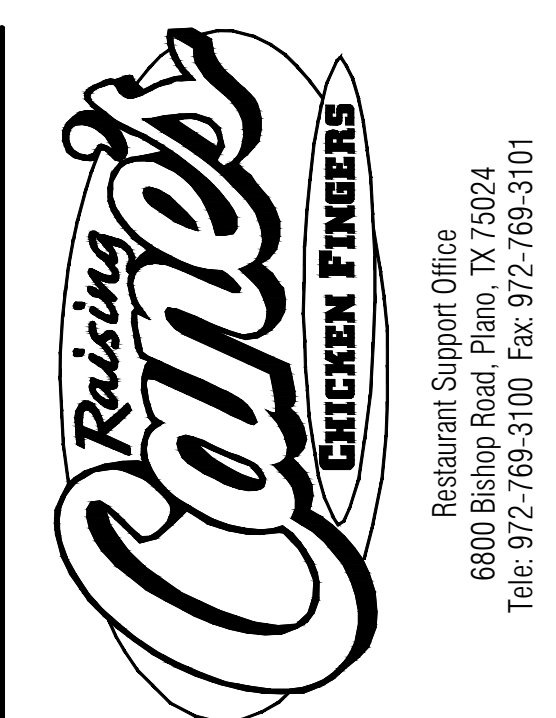
4 | SITE LIGHTING PHOTOMETRIC DATA

ALL PHOTOMETRIC DATA IS TAKEN SHOWING HORIZONTAL FOOT CANDLES AT 3FT.

- MAX POLE HEIGHT FOR SITE: 20 FT
- AVERAGE FOOT CANDLES FOR SITE: 1.9FC
- OVERALL MINIMUM FOOT CANDLES FOR SITE: 0FC
- MAXIMUM FOOT CANDLES FOR SITE: 8.0FC
- AVERAGE FOOT CANDLES AT PERIMETER: 0.0FC
- MINIMUM FOOT CANDLES AT PERIMETER: 0.0FC
- MAXIMUM FOOT CANDLES AT PERIMETER: 0.4FC
- AVERAGE FOOT CANDLES FOR MAIN ENTRANCE: 5.6FC
- MINIMUM FOOT CANDLES FOR MAIN ENTRANCE: 4.2FC
- MAXIMUM FOOT CANDLES FOR MAIN ENTRANCE: 6.5FC
- AVERAGE FOOT CANDLES FOR SIDE ENTRANCE: 6.1FC
- MINIMUM FOOT CANDLES FOR SIDE ENTRANCE: 1.9FC
- MAXIMUM FOOT CANDLES FOR SIDE ENTRANCE: 7.3FC
- AVERAGE FOOT CANDLES FOR SIDEWALK: 2.1FC
- MINIMUM FOOT CANDLES FOR SIDEWALK: 0.2FC
- MAXIMUM FOOT CANDLES FOR SIDEWALK: 3.2FC
- AVERAGE FOOT CANDLES FOR SITE ENTRANCE 1: 1.8FC
- MINIMUM FOOT CANDLES FOR SITE ENTRANCE 1: 0.1FC
- MAXIMUM FOOT CANDLES FOR SITE ENTRANCE 1: 4.8FC
- AVERAGE FOOT CANDLES FOR SITE ENTRANCE 2: 0.9FC
- MINIMUM FOOT CANDLES FOR SITE ENTRANCE 2: 0.1FC
- MAXIMUM FOOT CANDLES FOR SITE ENTRANCE 2: 2.9FC
- MINIMUM FOOT CANDLE FOR PARKIN SPOTS: 0.6FC

3 | LIGHTING FIXTURE SCHEDULE

D	MANUF/NUMBER: JUNO/CV-12632T-BR, C600L-C-S-CG-WET, LB-27 VOLTAGE: 120 FINISH: BLACK LAMP: QUANTITY- 1 WATTS- 42 REMARKS: TYPE- TRIPLE TUBE 6" VERTICALLY LAMPED OPEN DOWN LIGHT CLEAR SATIN REFLECTOR AND EMERGENCY BATTERY BALLAST	S	REMARKS: SUPPLIED WITH AWNING. CONTRACTOR SHALL CONNECT TO CIRCUIT INDICATED ON PLAN.	V	MANUF/NUMBER: HI-LITE MFGH-18114-96/B-2-96/100W/LBL VOLTAGE: 120/208 FINISH: GALVANIZED METAL LAMP: QUANTITY- 1 WATTS- 75 REMARKS: TYPE- PAR 30 GOOSENECK BUILDING SIGN FIXTURE WITH CANOPY MOUNTED BALLAST FIXTURE SHALL BE LISTED FOR 100W MAX LAMP WATTAGE.	Y2	MANUF/NUMBER: JUNO/LS1-A18-6K-UN-FI-NL VOLTAGE: 208 FINISH: DARK BRONZE LAMP: QUANTITY- 1 WATTS- 195 REMARKS: TYPE- LED SQUARE, LED POLE MOUNTED FIXTURE WITH SEGMENTED ALUMINUM OPTICS AND HOUSE SIDE SHIELD. 17" TALL SQUARE STRAIGHT STEEL POLE, JUNO DS330-S500W17-D1-FP-BK-LAB.
Q	MANUF/NUMBER: LITHONIA/DMW2-L24-3000LM-ACL-WD-MVOLT-GZ1-35K-80CRI VOLTAGE: 120 FINISH: WHITE LAMP: QUANTITY- 1 WATTS- 27 TYPE- LED REMARKS: 4'-0" LED SURFACE MOUNTED VAPORTIGHT STRIPLIGHT. LENSE SHALL BE FLAT SUCH THAT THE FIXTURE MAINTAINS A FULL CUTOFF LIGHTING DISTRIBUTION.	T	MANUF/NUMBER: LITHONIA/WST-42TRT-MD-120-LPI-DBLB-PI VOLTAGE: 120 FINISH: BLACK LAMP: QUANTITY- 1 WATTS- 42 REMARKS: TYPE- TRIPLE TUBE TRAPEZOIDAL DIE CAST ALUMINUM WALL PACK WITH FULLY GASKETED DOOR. FIXTURE SHALL BE LISTED FOR WET LOCATIONS.	W	MANUF/NUMBER: JUNO/M4-P20-39E/MP400-P20-CS-WH VOLTAGE: 208 FINISH: CLEAR SPECULAR LAMP: QUANTITY- 1 WATTS- 39 TYPE- PAR20 REMARKS: 4" EXTERIOR LISTED PAR20 RECESSED DOWNLIGHT.		
R	MANUF/NUMBER: LITHONIA/WST-42TRT-MD-120-LPI-DBLB-PI VOLTAGE: 120 FINISH: BLACK LAMP: QUANTITY- 1 WATTS- 42 TYPE- TRIPLE TUBE REMARKS: TRAPEZOIDAL DIE CAST ALUMINUM WALL PACK WITH FULLY GASKETED DOOR. FIXTURE SHALL BE LISTED FOR WET LOCATIONS.	U	MANUF/NUMBER: LIGHTCRAFTERS/102M VOLTAGE: 120 FINISH: STAINLESS STEEL LAMP: QUANTITY- 2 WATTS- 60 TYPE- A19 REMARKS: SPECIFIED BY OWNER	Y1	MANUF/NUMBER: JUNO/LS1-A18-6K-UN-3B-NL VOLTAGE: 208 FINISH: DARK BRONZE LAMP: QUANTITY- 1 WATTS- 195 TYPE- LED REMARKS: SQUARE, LED POLE MOUNTED FIXTURE WITH SEGMENTED ALUMINUM OPTICS AND HOUSE SIDE SHIELD. 17" TALL SQUARE STRAIGHT STEEL POLE, JUNO DS330-S500W17-D1-FP-BK-LAB.		



Prototype Issue Date: 15-1215

Store:
**Raising Cane's
Chesterfield Airport &
Chesterfield Commons
W. Drive
Store #247 Prototype 1**



Designer's Information:
CSRS
IMAGINE SHAPE DELIVER
6767 Perkins Road Suite 200 Baton Rouge, LA 70808
Telephone: 225-769-0546 Fax: 225-767-0060
www.csronline.com

Set Control Information: (ARCH use only)

Setup / Update Date: 15-1105 | 15-1209

#	Date:	Description:

FOR PERMIT

Sheet Revisions: (sheet specific per Designer)

#	Date:	Description:
1	05/03/2016	PERMIT COMMENTS
2	05/23/2016	PERMIT COMMENTS

Sheet Title:
ELECTRICAL SITE PLAN

Initial sheet issue date: 15-1215

Project Number: 216000.23.247

Project Manager: MDD

Drawn by: VMT

Sheet Number:

Catalog Number	Type Q
Notes	
Type	

FEATURES & SPECIFICATIONS

INTENDED USE — Ideal for use in applications where smart, energy-efficient fixtures are desired. Typical applications include transit, parking garage, awnings, cold storage, food processing, docks, schools, hospitals, carwashes, natatoriums and exterior environments where moisture or dust is a concern. **Certain airborne contaminants can diminish integrity of acrylic.** [Click here for Acrylic Environmental Compatibility table for suitable uses.](#)

CONSTRUCTION — One-piece 5VA rated fiberglass housing with integral perimeter channel utilizes continuous poured-in-place NEMA 4X gasket. Simple two-piece design consists of housing and optical assembly to streamline installation process. Polymeric latches positively attach to housing and keep from becoming a hindrance during install.

OPTICS — Injection-molded, acrylic lens (.080" thick), provides high impact-resistance comparable to 100% DR. F1 rated for outdoor use, lenses resist breaking, yellowing or becoming brittle over time. UV stabilized polycarbonate diffuser available (.080" thick) in clear or frosted for additional impact strength. Polycarbonate lens is recommend for lower mounting heights where vandal protection is desired.

ELECTRICAL — Tool-less one piece optical assembly combines LEDs and lens into one component. Optical assembly easily connects to housing with plug and play harness, eliminating time consuming wiring connections. LED drivers consumes 40 input watts maximum and offers 1% dimming standard. Integral surge protection tested in accordance with IEEE/ANSI C62.41.2 to industrial standards 6kV/3kA. L85 at 60,000 hours.

INSTALLATION — Two-piece design makes installations faster than ever by simplifying wiring connections. Power connection is easily accommodated through pre-drilled holes at each end, optional wet location fittings available for maximum flexibility.

Stainless steel (#316) surface spring-mounting brackets with bail wires standard (2 included) allow for ceiling, wall or suspended mount.

Swivel stem(provided by others) when pendant mounting. Factory installed junction box option accommodates up to 4X4 sized boxes and includes integrated gasket to maintain wet location listings.

Quick Mount Bracket (QMB) ships installed on fixture and is recommended for fastest surface mount installs, ideal for end to end installations or larger jobs.

LISTINGS — CSA Certified to UL and C-UL standards for ambient temperatures ranging from -40°F (-40°C) to 104°F (40°C) (see Operational Data chart for actual temperature rating per lumen package). F1 rating makes luminaire suitable for wet locations without covered ceilings. IP ratings: IP65 and IP66 rated. 1500 PSI hose-down.

NSF listed for Splash Zone II.

DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

WARRANTY — 5-year limited warranty. Complete warranty terms located at www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

Ambient temperatures that exceed 104°F (40°C) will result in reduced life and will void warranty.

Actual performance may differ as a result of end-user environment and application.

All values are design or typical values, measured under laboratory conditions at 25 °C.

Note: Specifications subject to change without notice.

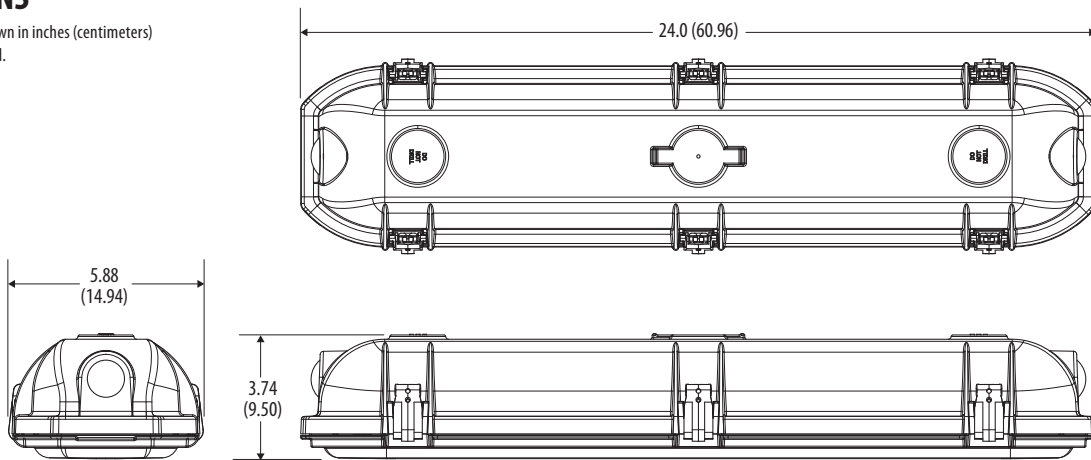
LED Enclosed and Gasketed

DMW2



DIMENSIONS

All dimensions are shown in inches (centimeters) unless otherwise noted.



PHOTOMETRICS

Please see www.lithonia.com.

DMW2 LED Wet Location

ORDERING INFORMATION

Lead times will vary depending on options selected. Consult with your sales representative.

Example: DMW2 L24 4000LM MD PCL MVOLT GZ1 40K 80CRI

Series	Length	Nominal lumens	Diffuser	Distribution	Voltage	Driver	Color temperature	Color rendering index
DMW2 LED wet location	L24 24"	2000LM 2,000 lumens	ACL Acrylic	MD Medium distribution	MVOLT 120-277V	GZ1 1% dimmng	30K 3000 K	80CRI 80 CRI
		3000LM 3,000 lumens	AFL Frosted acrylic		120 120V		35K 3500 K	90CRI 90 CRI
		4000LM 4,000 lumens	PCL Polycarbonate	WD Wide distribution	208 208V		40K 4000 K	
			PFL Frosted Polycarbonate		240 240V		50K 5000 K	
			277 277V					
				347 347V ¹				
				480 480V ¹				

Options					
SF	Single fusing ^{2,3}	CS88	6' Brad Harrison 16/3 cord and straight blade plug set ^{2,7}	MSI10XAWL10M DSCXAWL	Xpoint wireless integral motion sensor, On/Off operation for motion sensing, override Off due to daylight ^{2,10} Low mount 360 integral motion sensor, wet location, On/Off operation ^{2,10} Low mount 360 integral motion sensor, wet location, High/Low operation (3 level) ^{2,10} low mount 360 integral motion sensor, wet location, On/Off operation for motion sensing, override Off due to daylight ^{2,10} XPoint wireless relay ^{2,7,11}
DF	Double fusing ^{2,4}	CS88L12	12' Brad Harrison 16/3 cord and straight blade plug set ^{2,7}	MSI10NWL	
PS1050	Emergency LED battery pack for 0°C and up (1400 lumens) ^{2,5}	CS88R	Brad Harrison receptacle for use with CS88 cord set ⁷	MSI102L3VWL	
PMP4X	Pendant monopoint with NEMA4X fitting ^{6,7}	NOM	Nom certified	MSI10NWL DSCNWL	
WLFEND	Wet location fitting (one fitting out end) ^{7,8}	TPS	TorxT10 tamper-resistant screws		
WLFEND2	Wet location fitting (fittings out both ends) ^{7,8}	STSL	Stainless steel latches	XAD	
WLFEND4X	Wet location fitting maintains NEMA4x rating(one fitting out end) ^{7,8}				
WLFEND24X	Wet location fitting maintains NEMA4X rating(fittings out both ends) ^{7,8}				
JSB	Junction box snap-bracket ^{6,7,9}				
QMB	Quick-mount ceiling bracket				
CS89	6' white cord, 16/3, no plug, wet location ⁷				
CS89L12	12' white cord, 16/3, no plug, wet location ⁷				

Accessories: Order as separate catalog number.	
RK1 T10BIT W/PIN U	Hex-base driver bit, Torx TX10, for tamper-resistant screws with center reject pin
RK1 T10DRV U	Torx TX10 screwdriver for use with tamper-resistant screws with center reject pin
DMW2WLF	Wet location fitting
DMW2QMB	Quick-mount ceiling bracket

Notes

- Utilizes a step down transformer.
- Must specify voltage.
- 120 or 277V.
- 208,240,347, or 480V.
- 120,208,240, or 277V. Not available with cord, XAD, JSB, or PMP4X options. Maximum ambient temperature 25°C.
- Factory installed only. Not field installable.
- Not available with PS1050.
- Not available with cordsets or sensors.
- Not intended for wall mounting. Voids IP65 rating and NSF listing.
- Not available with XAD. Maximum ambient temperature 35°C.
- Minimum ambient temperature -20°C.

HH9X9SQPL Type S

9"X9" Architectural Square CFL Downlight

Architectural

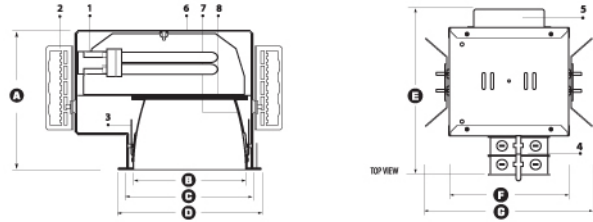
Catalog Number:
HH9X9SQPL-1X9-E-MVOLT

Project Name:

Type:

Note:

MAXILUME
ARCHITECTURAL LIGHTING



- A. Height** = 5-3/4"
- B. Trim Aperture** = 9-1/8" X 9-1/8"
- C. Cut-out** = 9-1/2" X 9-1/2"
- D. Trim Outside Diameter** = 10-3/8" X 10-3/8"
- E. Width** = 14"
- F. Length** = 9-5/8"
- G. Max. Length** = 12"

DESCRIPTION

1. LAMP HOLDER - Lamp holder effectively provides heat dissipation and ventilation. Unitized optics guarantees proper trim to housing installation. Tool-less installation adjustability from either outside the housing or inside the housing.

2. MOUNTING BRACKET - Constructed from 16-gauge steel. Can be installed with 3/4" or 1-1/2" lathing channel, 1/2" EMT, or with optional C-channel mounting bars (Part# BP31) ordered separately. Housing can be adjusted from the inside of the ceiling.

3. RETAINING SPRINGS - Precision tooled springs secure trim to mounting frame, for effortless and tool-less installation.

4. JUNCTION BOX - UL and ETL listed for through-branch circuit wiring and has four 1/2" KO's, one 3/4" KO and four Romex knockouts with pry-out slots and strain clamps. Junction Box is accessible from below, no tools required.

5. BALLAST - Ballast is accessible from below, no tools required. Ballast supplied is manufactured by Philips Advance, Universal Technologies or Lutron Electronics.

6. MOUNTING FRAME - Die-formed construction for maximum heat dissipation and rust protection.

OPTICS

7. REFLECTOR - Self-flanged .050" aluminum reflector with low iridescent finish. Reflector provides 45-degree lamp-to-reflector image cutoff.

8. LENS - Choice of either tempered clear, tempered prismatic or tempered frosted lens fastened with two torsion springs for easy re-lamping. ETL/UL listed for wet or damp location.

LISTING

ETL/UL listed for through-branch circuit wiring and damp locations. Wet location only with lens trims.



Energy Star Qualified Models:

- HH9X9SQPL-1X13-S-120
- HH9X9SQPL-1X18-S-120
- HH9X9SQPL-1X26-S-120

LAMP BASE GUIDE (Sockets will accept all designated lamp bases listed.)						
13W	18W	26W	32W	42W	57W	70W
G24q-1 GX24q-1	G24q-2 GX24q-2	G24q-3 GX24q-3 GX24q-4	GX24q-3 GX24q-4	GX24q-4	GX24q-5	GX24q-6

HH9X9SQPL - ITEM SELECTOR: (Please check the boxes below for the option desired)

WATTAGE	BALLAST	VOLTAGE	EMERGENCY OPTIONS	TRIM TYPE & DESCRIPTION	REFLECTOR
1 LAMP <input checked="" type="checkbox"/> 1X9 <input type="checkbox"/> 1X13 <input type="checkbox"/> 1X18 <input type="checkbox"/> 1X26 <input type="checkbox"/> 1X32 <input type="checkbox"/> 1X42	<input checked="" type="checkbox"/> (E) Electronic <input type="checkbox"/> (S) Energy Star ² DIMMING <input type="checkbox"/> Mark 7 ³ <input type="checkbox"/> Mark 10 ⁴ <input type="checkbox"/> Lut-E (EC3D) ⁵	<input checked="" type="checkbox"/> MVOLT (120/277) <input type="checkbox"/> 120 <input type="checkbox"/> 277	<input type="checkbox"/> EMG 750 (750 Lumens) ⁶ <input type="checkbox"/> EMG 1300 (1300 Lumens) ⁶ <input type="checkbox"/> INTG 750 (750 Lumens) ⁷ <input type="checkbox"/> INTG 1300 (1300 Lumens) ⁷ <input type="checkbox"/> EMG-D-750 (750 Lumens) ⁸ <input type="checkbox"/> INTG-D-750 (750 Lumens) ⁹ <input type="checkbox"/> ICE-1300 (1300 Lumens) ¹⁰ OTHER OPTIONS <input type="checkbox"/> FUSE ¹¹ <input type="checkbox"/> RIF ¹² <input type="checkbox"/> BP31 (24" C-Channel Bar Hangers)	<input type="checkbox"/> 9601 <input type="checkbox"/> 9604 <input type="checkbox"/> 9614 <input type="checkbox"/> 9615 <input type="checkbox"/> 9608	<input type="checkbox"/> CL <input type="checkbox"/> SCH ** <input type="checkbox"/> SHZ ** <input type="checkbox"/> WT <input type="checkbox"/> W <input type="checkbox"/> MB

1- (M) Magnetic = Available in 9W, 13W, 18W & 26W fixtures only • 2- (S) Energy Star = Available on selected fixtures only, please see list above • 3- MARK 7 = Not available in 9W, 13W, 57W, 70W • 4- MARK 10 = Not available in 9W, 13W, 57W, 70W, must specify voltage • 5- LUT-E (EC3D) = Not available in 9W, 13W, 57W, 70W • 6- EMG = Emergency battery pack w/ remote test switch • 7- INTG = Emergency battery pack w/ integral (reflector) test switch • 8- EMG-D = Emergency battery pack w/ remote test switch for damp location • 9- INTG-D = Emergency battery pack w/ integral(reflector) test switch for damp location • 10- ICE = Emergency battery pack w/ remote test switch operating between -18°C and 55°C • 11- FUSE = Single slow-blow fuse • 12- RIF = Radio interference filter • 13- ESD = Emergency self-diagnostic

Specifications:

HH9X9SQPL - 1X9 - E - MVOLT - - - - -
 WATT - BALLAST - VOLTAGE - EMERGENCY - OPTIONS - TRIM TYPE - REFLECTOR - RING

REFLECTOR	RING
CL Clear	WH Self-Flange White Standard on all trims
SHZ Satin Haze (Low Iridescent)	
WT Wheat	
MB Black	
W White	

*For custom baffle, reflector, trim ring, glass color and lens options, please consult factory.

Sample of Catalog Number: HH9X9SQPL-1X32-E-MVOLT-EMG750-9601-CL-WH



A division of
Elite Lighting

Submittal form is available @ www.maxilume.com
Tel: 323-888-1973 • Fax: 323-888-1977

Specifications and Dimensions subject to change without notice.

9" X 9" CFL Optics

Catalog Number:
HH9X9SQPL-1X9-E-MVOLT

Project Name:

Type:

Note:

MAXILUME
ARCHITECTURAL LIGHTING

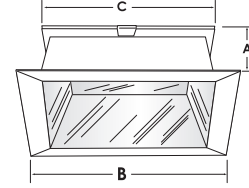
9601-CL - Reflector



REFLECTOR FINISH:

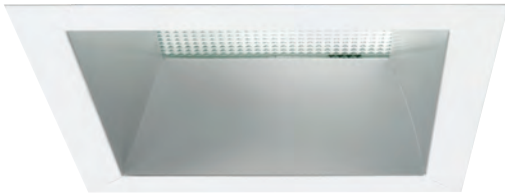


RING FINISH:



A = 3"
B = 10-3/8" X 10-3/8"
C = 9-1/8"

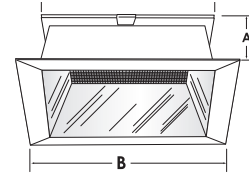
9604-CL - Reflector with Prismatic Glass Lens



REFLECTOR FINISH:



RING FINISH:



A = 3"
B = 10-3/8" X 10-3/8"
C = 9-1/8"

FOR
WET
LOCATION

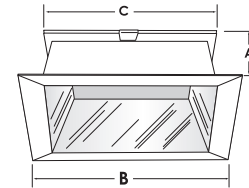
9614-CL - Reflector with Frosted Glass Lens



REFLECTOR FINISH:



RING FINISH:



A = 3"
B = 10-3/8" X 10-3/8"
C = 9-1/8"

FOR
WET
LOCATION

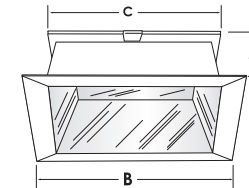
9615-CL - Reflector with Tempered Glass Lens



REFLECTOR FINISH:



RING FINISH:



A = 3"
B = 10-3/8" X 10-3/8"
C = 9-1/8"

FOR
WET
LOCATION

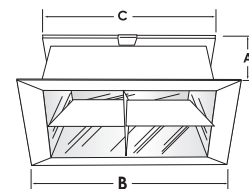
9608-CL - Reflector with Crossblade



REFLECTOR FINISH:



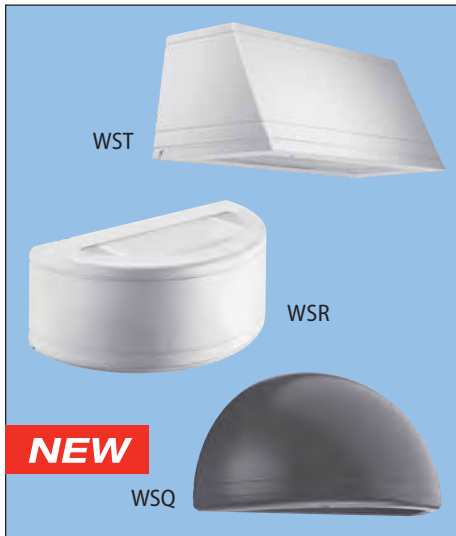
RING FINISH:



A = 3"
B = 10-3/8" X 10-3/8"
C = 9-1/8"

FOR
WET
LOCATION

WST/WSR/ WSQ



Intended Use

For building- and wall-mounted applications.

Features

Housing – Rugged, die-cast, single-piece housing. Die-cast door frame has 1/8" thick tempered glass lens. Door frame is fully gasketed with one-piece solid silicone. Standard finish is textured dark bronze (DDBT) corrosion-resistant polyester powder with other architectural colors available.

Optics – Interchangeable, segmented reflectors for superior uniformity and control. Three full cutoff distributions available: FT (forward throw), MD (medium throw) and WT (wide throw). Four uplight distributions available in WSR only: FTU (forward throw, 10% up), MDU (medium throw, 10% up), WTU (wide throw, 10% up) and MDU5 (up/down, medium throw, 50% up, 50% down). Compact fluorescent MD (medium throw) only.

Electrical – HID: 50W MH-150W utilizes a high reactance, high-power factor ballast. 35S and 50S utilizes a reactor normal-power factor ballast. 175W utilizes a constant-wattage auto

transformer ballast. Quick-disconnect plug easily disconnects reflector from ballast. Ballasts are copper wound and 100% factory tested. CFL: compact fluorescent ballast is Class P, electronic, high-power factor, <10% THD with starting temp. of 0° F (-18°C).

Socket - HID is porcelain, medium-base copper alloy, nickel-plated screw shell and center contact. (UL Listed 660W, 600V 4KV pulse rated). Fluorescent socket is high-temperature thermoplastic with integral lamp retention clip.

Installation – Universal mounting mechanism with integral mounting support allows fixture to hinge down. Bubble level provides correct alignment with each installation.

Listings

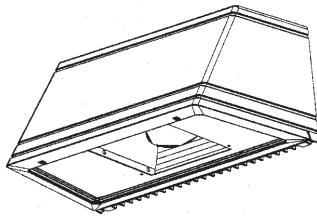
UL Listed suitable for wet locations (damp location listed in lens-up orientation). CSA Certified (see Options). IP65 rated.

Ordering Information

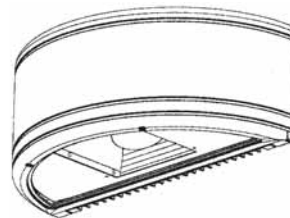
Example: **WST 175M FT 120 SF LPI**

Series	Wattage	Distribution	Voltage	Options/accessories	
WST Trapezoid	High pressure sodium	<u>Downlight distribution</u>	120	Installed	CRT Non-stick protective coating ¹⁴
WSR Half round	35S ¹	FT Forward throw	208 ⁴	SF Single fuse, 120V, 277V, 347V (n/a TB or TBV)	PE Photoelectric cell-button type (n/a TB or TBV) ¹⁶
WSQ Quartersphere	50S	MD Medium throw (coated lamp standard)	240 ⁴	DF Double fuse, 208V, 240V (n/a TB or TBV)	WLU Wet location door for up orientation
	70S	WT Wide throw	277	GMF Internal slow-blow fusing ^{8,9}	IBS Internal backlight shield ¹⁶
	100S	<u>Uplight distribution</u> ³	347	EC Emergency circuit (25W max., lamp included)	DFL Diffusing lens
	150S	FTU Forward throw with 10% uplight	TB ⁵	DC12 Emergency circuit 12 volt (35W lamp included standard) ¹⁰	LPI Lamp included
	<u>Metal halide</u>	MDU Medium throw with 10% uplight (coated lamp standard)	TB ⁵	2DC12 Emergency circuit 12 volt ((2) 35W lamps included standard) ¹⁰	L/LP Less lamp
	50M	WTU Wide throw with 10% uplight	TB ⁵	DC2012 Emergency circuit 12 volt (20W lamp included standard) ¹⁰	UCS Uplight component shield ¹⁷
	70M	MDU5 Up/down medium throw with 50% uplight & 50% downlight (coated lamp standard)	MVOLT ⁷	2DC2012 Emergency circuit 12 volt ((2) 20W lamps included standard) ¹⁰	CSA CSA Certified
	100M			ELDW Emergency battery pack (120V or 277V only) ^{8,11}	<i>Architectural colors</i> ¹⁸
	150M	<u>Compact fluorescent</u> ²		ELDWR Remote battery pack ready (by others) for compact fluorescent lamps ¹²	<i>Standard textured colors</i>
	26DTT			ELDWC Cold weather emergency battery pack (120V and 277V only) ^{8,20}	DDBT Dark bronze (std.)
	2/26DTT			QRS Quartz restrike system (100W max., lamp not included) ¹³	DSST Sandstone
	32TRT			CR Enhanced corrosion resistance	DNAT Natural aluminum
	2/32TRT				DWHG White
42TRT				DBLB Black	
2/42TRT				<i>Shipped separately</i>	
				WSBBW Surface-mounted back box ¹⁹	
				UT5 Uplight 5 degrees ¹⁹	
				WSTWG Wire guard (WST) ¹⁵	
				WSTVG Vandal guard (WST) ¹⁵	
				WSRWG Wire guard (WSR and WSQ) ¹⁵	
				WSRVG Vandal guard (WSR and WSQ) ¹⁵	

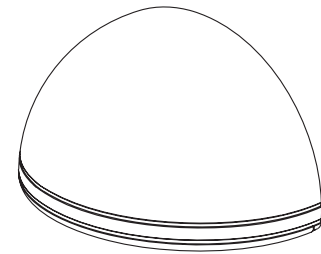
WST



WSR



WSQ



Dimensions are shown in inches (centimeters) unless otherwise noted.

	WST	WSR	WSQ
Width:	16-1/4(41.2)	18(45.7)	18(45.7)
Depth:	9-1/8(23.2)	9(22.8)	9(22.8)
Height:	7-1/4(18.4)	7-1/4(18.4)	9-3/8(23.8)
Max. weight:	30lbs(13.6kg)	30lbs(13.6kg)	30lbs(13.6kg)

NOTES:

- 1 120V only, NPF only
- 2 Only available with MD, MDU and MDU5 distributions.
- 3 Available on WSR fixture only.
- 4 Not available in Canada.
- 5 Optional multi-tap ballast (120V, 208V, 240V, 277V). In Canada 120V, 277V, 347V; ships as 120V/347V.
- 6 Optional 5-tap ballast (120V, 208V, 240V, 277V, 480V; n/a in Canada). 175M only.
- 7 Optional multi-volt electronic ballast (for compact fluorescent lamps only) capable of operating on any line voltage from 120V-277V.
- 8 Available for compact fluorescent units only.
- 9 Must specify volt, n/a MVOLT or TB.
- 10 Not available with SF, DF or QRS.
- 11 Not available with 2/32TRT or 2/42TRT.
- 12 Battery pack by others and mounted external to luminaire. Pilot light/test switch mounting plate included. Consult factory for availability.
- 13 Not available with compact fluorescent.
- 14 Black finish only.
- 15 Must be ordered with fixture; no field modifications.
- 16 IBS not available with MD, MDU and MDU5 distributions.
- 17 For WSR, inverted orientation, with FTU and WTU distributions only.
- 18 Additional architectural colors available; see www.lithonia.com.
- 19 Must specify finish.
- 20 -20°C to 55°C operation. N/A 2/26DTT, 2/32TRT, 2/42TRT, WSQ or WSR with uplight distribution.

Lamp/Fixture Data			
Wattage	Ballast	Lamp type	Base type
High pressure sodium (med/clear)			
35	RHPF	E17	medium
50	RHPF	E17	medium
70	HX-HPF	E17	medium
100	HX-HPF	E17	medium
150	HX-HPF	E17	medium
Metal halide (med/clear)			
50	HX-HPF	E17	medium
70	HX-HPF	E17	medium
100	HX-HPF	E17	medium
150	HX-HPF	E17	medium
175	CWA	E17	medium
Compact fluorescent (double twin-tube/triple-tube)			
26DTT	electronic, HPF	T4	G24Q-3
32TRT	electronic, HPF	T4	GX24Q-3
42TRT	electronic, HPF	T4	GX24Q-4



Consistent with LEED® goals & Green Globes™ criteria for light pollution reduction

Does not meet with uplight distribution options.

Type U



Our custom lighting, post lanterns and wall sconces are handcrafted in Austin, TX in contemporary, Southwestern, mission styles and more. Our architectural lighting, outdoor lighting, media room, church lighting and night lights are sure to please. We use copper, stainless steel, art glass, mica, other materials. Custom orders encouraged! We design and handcraft unique lighting - No order too large or too small. Budget, time and detail oriented.



Home » Architectural Lighting » 102

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 - ▶ Media Room Lighting
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Slat Wall Sconce

This is a shopping center we furnished sconces for in Houston, TX. The owner chose one of our more popular metal and glass wall sconces. Those shown are 35" x 15" x 6".

They provides a good amount of light, without much glare because I have placed the bulbs behind the slats. The Slat Wall Sconce is a great exterior light fixture.

See this link also: <http://www.lightcrafters.com/slat-wall-sconce-p-5.html>



- Small 6" x 12.5" x 4.5"
- Medium 9" x 17.5" x 4.5"
- Large 10" x 21" x 4.5"
- XL 11" x 24.5" x 5"
- XXL 15" x 35" x 6"

Custom Sizes Welcome - Call for Details

Click to enlarge

- View All Products
- Testimonials**
- Hello, We received the 2 copper sconces with squiggles on them (#601) for our new eye care practi...
Read more...
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- Map to Shop
- Currently Looking**
- Visitors: **10**
- Members: **0**

Shopping Cart 0 items

- Best Sellers**
01. Slat Wall Sconce
 02. Double roofed post lantern
 03. Solid Bronze Footlight
 04. Translucent Cone

Reviews



Kent, As I stated in my email to you, these lights are AMA...
★★★★★

Tell a Friend

Tell a Friend

Tell someone you know about this product.

Notifications



Notify me of updates to **Slat Wall Sconce**

Available Options:	
1. Size:	Medium (+\$185.00)
2. Clear lens for wet location:	<input checked="" type="checkbox"/> (+\$15.00)
3. Finish:	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> Antique Copper</div> <div style="text-align: center;"> Mottled Copper</div> <div style="text-align: center;"> Brushed Galvanized</div> <div style="text-align: center;"> Pewter Galvanized</div> <div style="text-align: center;"> Dark antique copper</div> <div style="text-align: center;"> Stainless Steel (+\$45.00)</div> </div>
Dawn to Dusk Sensor:	<input type="checkbox"/> (+\$20.00)
Diffuser:	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> mica</div> <div style="text-align: center;"> amber iridescent glass</div> <div style="text-align: center;"> white glass</div> <div style="text-align: center;"> seeded glass</div> <div style="text-align: center;"> frosted glass</div> <div style="text-align: center;"> beige wispy glass</div> </div> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div style="text-align: center;"> black frit & streamers (+\$25.00)</div> <div style="text-align: center;"> NONE - customer supplies their own diffuser (-\$20.00)</div> <div style="text-align: center;"> water glass</div> </div>

[Write Review](#)

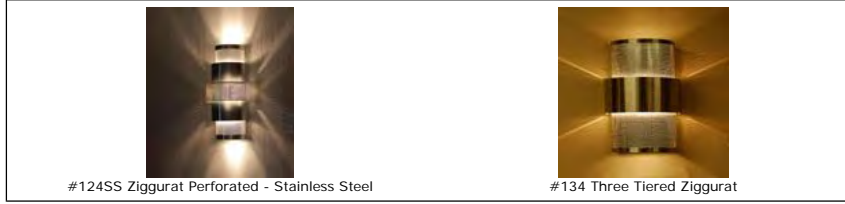
[Add to Cart](#)

★★★★★ – *Georganne Fultz, 07/19/2010*
Kent, As I stated in my email to you, these lights are AMAZING! The quality of craftsmanship exceeded our expectations. Our home is reaching completion, and we cannot wait to see them installed. Thanks again for the friendly, prompt service. We will definately be doing business with you in the future!! Georganne Fultz Bremerton,WA

★★★★★ – *daniel lowe, 01/30/2009*
Kent--these lights are fantastic!! such workmanship! they look great at the front door and over the garage. thank you, thank you, thank you

Displaying 1 to 2 (of 2 reviews)

Customers who bought this product also purchased



Wednesday 15 June, 2011

3824098 requests since Saturday 25 October, 2003



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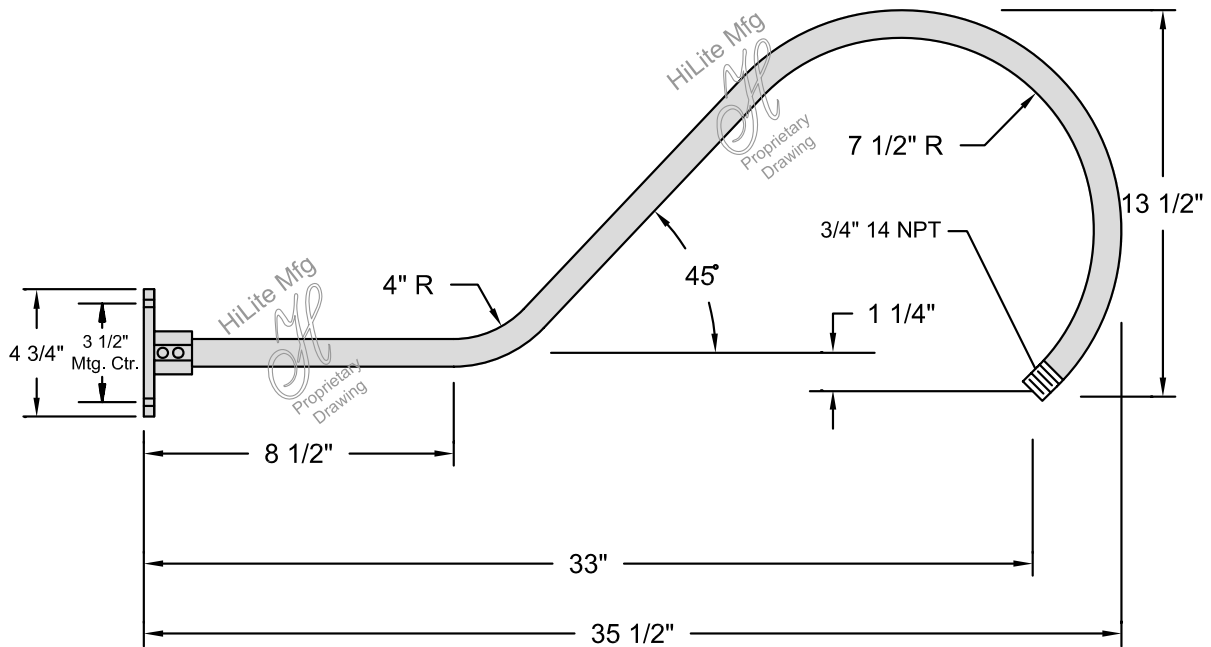
**HI-LITE MFG.
CO., INC**

13450 Monte Vista Avenue
Chino, California 91710
Telephone: (909) 465-1999
Toll Free: (800) 465-0211
Fax: (909) 465-0907
www.hilitemfg.com

Job Name:	_____
Type:	_____
Quantity:	_____

B-2

Type V arm



Type V shade

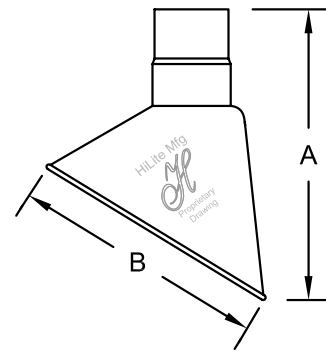


**HI-LITE MFG.
CO., INC.**

13450 Monte Vista Avenue
Chino, California 91710
Telephone: (909) 465-1999
Fax: (909) 465-0907

Job Name: _____
Type: _____
Quantity: _____

Angle Shade Collection



Item Number	Height (A)	Width (B)
H-18107	8"	7"
H-18110	10-1/2"	10"
H-18112	12"	12"
H-18114	14-1/2"	14"

Fixture No.	Fixture Color	Mounting	Mounting Color	Optional Accessories	Accessory Color	Wattage/Lamp options	Ballast	Voltage
H-18107 (1) H-18110 (1) H-18112 H-18114	Standard (2) 91 (Black) 93 (White) 95 (Dk. Grn) 96 (Galv.) BR47 (Rust) For all finishes see pages 344-348.	Mounting Options 1/2" 3/4" Stem Options (Stem 1/2") ST Specify length and canopy. HSC (Canopy) SMC (Canopy) Flush Mount Options FHSC FSMC Arm Options B-1 HL-K HL-A HL-U HL-H P-1 HL-C P-3 HL-D For all arms and specs see pages 321-344.	Standard 91 (Black) 93 (White) 95 (Dk. Grn) 96 (Galv.) BR47 (Rust) For all finishes see pages 344-348.	CGU (Cast guard & glass) LCGU (Large cast guard & glass) WGU (Wire guard & glass) LWGU (Large wire guard & glass) ARN (Acorn globe) LARN (Large acorn globe) WGR (Wire guard) SK (Swivel knuckle) For specs and glass color see pages 321-344.	Standard 91 (Black) 93 (White) 95 (Dk. Grn) 96 (Galv.) BR47 (Rust) For all finishes see pages 344-348.	Incandescent (Fixture is standard 200W. Do not specify) CFL (3) (Compact Fluorescent) 13/CFL 18/CFL 26/CFL 26/32/42/CFL 32/CFL 42/CFL 57/CFL DMB (Dimmable Ballast for CFL. Add to Part No.) HID (3) (High Intensity Discharge) MH (3) (Metal Halide) 35/MH 50/MH 70/MH 100/MH 150/MH 175/MH HPS (3) (High Pressure Sodium) 50/HPS 70/HPS 100/HPS 150/HPS	Ballast option not available for INC. RB (4) (Remote) BCM (Canopy Mount) PLB (5) (Postline) For specs see pages 341-343.	Incandescent (Fixture is standard 120V. Do not specify.) CFL M (Multi 120/277V) HID RB and BCM M (Multi 120/208/240/277V) PLB 1 (120V) 2 (277V)

H-18110 - 91 / 1/2" - 91 / CGU-CLR - 91 / 13/CFL - BCM - M

ORDER EXAMPLE (USE THIS FORMAT TO PLACE ORDER)

Notes:

- (1) H-18107 not available with glass enclosures.
H-18107 available for 200W Max INC, 32W Max CFL and 100W Max HID.
H-18110 not available with LWGU, LCGU, ARN or LARN.
- (2) For interior finish of fixture refer to color chart on pages 344-348.
- (3) Requires Globe Option. (See pages 339-341 for Globe Options)
Max Wattages for CGU and WGU are 100W INC, 32W CFL and 100W HID.
Max Wattages for LWGU, LCGU, ARN and LARN are 200W INC, 57W CFL and 175W HID.
- (4) (RB) Remote Ballast not available for Fluorescent Lamping.
- (5) (PLB) Post Line Ballast must specify 120V or 277V.
(PLB) 50W MH requires a 3" dia. pole.
(PLB) 70W and 100W MH require a 4" dia. pole.
(PLB) 50W, 70W, 100W and 150W HPS require a 3" dia. pole.

Suitable for wet location.

PRODUCT SPECIFICATIONS

Optics

Reflector: Cascading Vector optical design ensures a 50° visual cut-off to both lamp and lamp image • Low iridescent specular or satin Alzak® .050" thick reflector in clear, gold, wheat, pewter, bronze or black with integral flange of same finish; other finishes available upon request • Painted white flange is optional

Baffle: Specular clear Alzak® upper reflector and white or black painted deep multi-groove aluminum baffle insert with integral flange painted white

Electrical

Ballast: 120/277 Volt dual tap primary core and coil, high power factor, insulation class "H" 180°C, reliable starting to -30°C. Includes capacitor and igniter (where required)

Lamp Holder: Medium base heavy duty 4Kv porcelain socket with nickel plated brass screw shell in die-cast socket housing

Socket Cap: Die-cast aluminum socket cup optimizes lamp performance and securely fastens to reflector with stabilizing ribs to prevent rocking

Mechanical

Mounting Frame: 16-gauge galvanized steel mounting ring with factory installed spring steel friction clips • Accommodates ceilings up to 3/4" thick; ceiling thickness adapter accessory is available for ceilings up to 2" • Common rough-in section accepts open and single wall wash reflectors

Mounting Bracket: Mounting brackets have 3" vertical adjustment and accept proprietary Tru-Lock bar hangers, 1 1/2" C-channel and flat linear bars (ordered as accessories) or 1/2" EMT, 3/4" and 1 1/2" lathing channel (by others) • One-piece Tru-Lock bar hangers have integral T-bar locking screws and alignment notches for locating and locking fixture in the center or 1/4 tile increments

Junction Box: Ballast mounted to J-box cover for optimal heat dissipation and serviceability from below the ceiling • Oversized 4"x 6" galvanized steel junction box with (6) 1/2" and (1) 3/4" knockouts facilitate quick wiring • Junction box rated for eight No. 12 AWG 90°C branch circuit conductors (4-in, 4-out)

Labels and Listings

UL/C-UL listed for feed through and damp locations • I.B.E.W. Union made

Product specifications subject to change without notice.

ENGINEERING DATA

Voltage	120V-HPF	277V-HPF	347V-HPF Canada
Lamp Wattage	39M	39M	39M
Total input power	56W	56W	-
Operating AMPS	0.60	0.30	-
ANSI Code	M130	M130	M130

4" PAR20 VERTICAL METAL HALIDE DOWNLIGHT

OPEN APERTURE

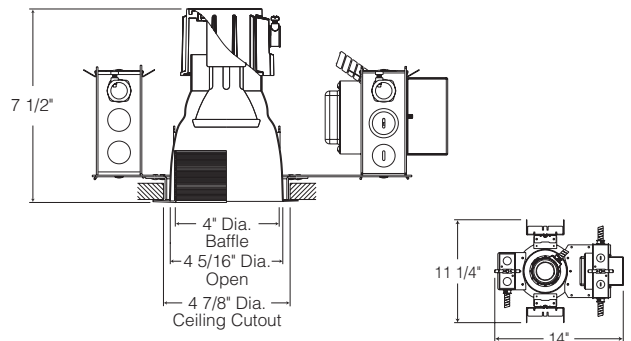
39W PAR20

M4-P20-39M

MAGNETIC BALLAST
MP400-P20, P400B-P20

Type	Cat. No.
_____	_____
Project:	_____
Notes:	_____

DIMENSIONS



ORDERING INFORMATION: Rough-in, reflector and accessories each ordered separately.

Example: M4-P20-39M			Example: MP400-P20-CL				Example: HB-TL
Rough-In	Wattage/Lamp	Options	Reflector	Color Options	Finish	Options	Accessories
M4-P20-	39M-						
M4-P20	39M 39W PAR20 MH, 120/277V Magnetic	347 347 Volt ***F Fuse and Fuse Holder (Where *** = voltage) CP Chicago Plenum FCAN FCAN Ballast in lieu of core and coil (Includes HB-TL bar hangers)	MP400-P20 Open Reflector P400B-P20 Baffle	C Clear G Gold WT Wheat PT Pewter BZ Bronze B Black W White	Low Iridescent Alzak® Finishes: L Specular S Satin Blank for baffle & white	WH White Flange	HB-TL 25" Tru-Lock grid ceiling bar hangers, Pair HB-52 52" C-Channel Bar Hangers, Pair HB-28 28" C-Channel Bar Hangers, Pair LB-27 27" Linear Bar Hangers, Pair SCA4-* Sloped Ceiling Adapter *Angle must be specified when ordering; Available in 5°, 10°, 15°, 20°, 25°, 30° Example: SCA4-20

**OPEN REFLECTOR
(39W PAR20/WIDE FLOOD)**

Catalog Number: M4-P20-39M (MP400-P20-CL)

PHOTOMETRIC REPORT

Test Number: PT05063101

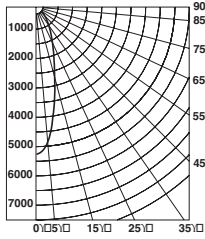
Total Luminaire Efficiency: 93.8%

Luminaire Spacing Criteria: 0.46

Luminaire: Clear specular Alzak® reflector. Open bottom.

Lamps: One OSI HCIPAR20/39W/WFL, rated at 2000 lumens.

CIE-Type: Direct



Candlepower Distribution (Candelas)

Angle	Candela	Lumens
0°	5270	
5°	4809	459
15°	2366	671
25°	1020	472
35°	322	202
45°	77	60
55°	14	13
65°	0	0
75°	0	0
85°	0	0

Initial Footcandles

Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Footcandles Beam Edge	Beam Diameter
6'	146.4	67.2	2.9'
7'	107.6	49.4	3.4'
8'	82.3	37.8	3.9'
9'	65.1	29.9	4.3'
10'	52.7	24.2	4.8'
11'	43.6	20.0	5.3'
12'	36.6	16.8	5.8'
13'	31.2	14.3	6.3'
14'	26.9	12.3	6.8'
15'	23.4	10.8	7.2'

Luminaire Data

Ang in Deg	Footlamberts	Candela/M ²
45	3279	11236
55	746	2555
65	0	0
75	0	0
85	0	0

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixture
0-30°	1602	80.1	85.4
0-40°	1804	90.2	96.1
0-60°	1876	93.8	100.0
0-90°	1876	93.8	100.0
90-180°	0	0.0	0.0
0-180°	1876	93.8	100.0

AVERAGE INITIAL FOOTCANDLES

Reflectances: 80% Ceiling, 50% Walls, 30% Floors

Luminaire Spacing	Room Cavity Ratio		
	RCR1	RCR4	RCR8
5' x 5'	84	71	59
6' x 6'	58	49	41
7' x 7'	43	36	30
8' x 8'	33	28	23
9' x 9'	26	22	18
10' x 10'	21	18	15
11' x 11'	17	15	12
12' x 12'	15	12	10

COEFFICIENTS OF UTILIZATION - % (Zonal Cavity Method)

Effective Floor Reflectance 20%

PCC	80		70		50		30		10		0							
	PW	70	50	30	10	70	50	30	10	50	30	10	0					
0	112	112	112	112	109	109	109	109	104	104	104	100	100	100	96	96	96	95
1	107	105	103	101	105	103	101	100	99	98	97	96	95	94	93	92	91	90
2	103	99	96	93	101	98	95	92	95	92	90	92	90	88	89	88	86	85
3	99	94	90	87	97	93	89	86	90	87	85	88	86	83	86	84	82	81
4	95	89	85	81	93	88	84	81	86	83	80	84	82	79	83	80	78	77
5	91	85	80	77	90	84	80	77	82	79	76	81	78	75	80	77	75	73
6	88	81	76	73	87	80	76	73	79	75	72	78	74	72	77	74	71	70
7	85	77	73	70	84	77	72	69	76	72	69	75	71	69	74	71	68	67
8	82	74	70	66	81	74	69	66	73	69	66	72	68	66	71	68	66	64
9	79	71	67	64	78	71	66	64	70	66	63	69	66	63	69	65	63	62
10	76	69	64	61	75	68	64	61	67	64	61	67	63	61	66	63	61	60

**OPEN BAFFLE
(39W PAR20/WIDE FLOOD)**

Catalog Number: M4-P20-39M (P400B-P20-B)

PHOTOMETRIC REPORT

Test Number: PT05063102

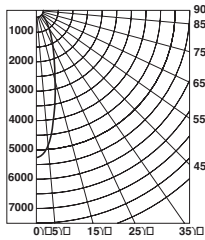
Total Luminaire Efficiency: 73.7%

Luminaire Spacing Criteria: 0.46

Luminaire: Clear specular Alzak® upper reflector with black baffle lower cone. Open bottom.

Lamps: One OSI HCIPAR20/39W/WFL, rated at 2000 lumens.

CIE-Type: Direct



Candlepower Distribution (Candelas)

Angle	Candela	Lumens
0°	5271	
5°	4809	459
15°	2356	668
25°	483	224
35°	158	99
45°	25	19
55°	6	6
65°	0	0
75°	0	0
85°	0	0

Initial Footcandles

Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Footcandles Beam Edge	Beam Diameter
6'	146.4	67.3	2.9'
7'	107.6	49.4	3.4'
8'	82.4	37.8	3.9'
9'	65.1	29.9	4.3'
10'	52.7	24.2	4.8'
11'	43.6	20.0	5.3'
12'	36.6	16.8	5.8'
13'	31.2	14.3	6.3'
14'	26.9	12.4	6.7'
15'	23.4	10.8	7.2'

Luminaire Data

Ang in Deg	Footlamberts	Candela/M ²
45	1355	4641
55	432	1479
65	0	0
75	0	0
85	0	0

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixture
0-30°	1350	67.5	91.6
0-40°	1450	72.5	98.3
0-60°	1475	73.7	100.0
0-90°	1475	73.7	100.0
90-180°	0	0.0	0.0
0-180°	1475	73.7	100.0

AVERAGE INITIAL FOOTCANDLES

Reflectances: 80% Ceiling, 50% Walls, 30% Floors

Luminaire Spacing	Room Cavity Ratio		
	RCR1	RCR4	RCR8
5' x 5'	66	58	50
6' x 6'	46	40	34
7' x 7'	34	29	25
8' x 8'	26	23	19
9' x 9'	20	18	15
10' x 10'	17	14	12
11' x 11'	14	12	10
12' x 12'	12	10	9

COEFFICIENTS OF UTILIZATION - % (Zonal Cavity Method)

Effective Floor Reflectance 20%

PCC	80		70		50		30		10		0							
	PW	70	50	30	10	70	50	30	10	50	30	10	0					
0	88	88	88	88	86	86	86	86	82	82	82	78	78	78	75	75	75	74
1	85	83	82	80	83	82	80	79	79	78	77	76	75	74	73	73	72	71
2	82	79	77	75	80	78	76	74	75	74	72	73	72	71	71	70	69	68
3	79	75	73	70	78	74	72	70	73	71	69	71	69	68	69	68	67	66
4	76	72	69	67	75	71	69	66	70	68	66	69	67	65	67	66	64	63
5	74	69	66	64	73	69	66	64	68	65	63	66	64	63	65	64	62	61
6	72	67	64	61	71	66	63	61	65	63	61	64	62	60	63	61	60	59
7	69	64	61	59	69	64	61	59	63	60	58	62	60	58	62	60	58	57
8	67	62	59	57	67	62	59	57	61	58	57	61	58	56	60	58	56	55
9	65	60	57	55	65	60	57	55	59	57	55	59	56	55	58	56	54	54
10	64	58	55	53	63	58	55	53	58	55	53	57	55	53	57	54	53	52



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PRODUCT SPECIFICATIONS

Optics

Reflector: Precision reflector with 50° visual cut-off to both lamp and lamp image • Single position optics eliminate possibility of specified lamp being installed in incorrect position • Low iridescent specular or satin Alzak® .050" thick reflector in clear, gold, wheat, pewter or bronze with integral flange of same finish; other finishes available upon request • Painted white flange is optional

Baffle: Specular clear Alzak® upper reflector and white or black painted deep multi-groove aluminum baffle insert with integral flange painted white

Electrical

Ballast: Class "P" thermally protected 120V-277V universal voltage high power factor electronic ballast with end of life protection

Lamp Holder: 4-pin GX24q3 UV stabilized thermoplastic socket with non-fatiguing stainless steel lamp retention spring

Socket Cap: Vented die-cast aluminum socket cup optimizes lamp performance and securely fastens to reflector with stabilizing ribs to prevent rocking

Mechanical

Mounting Frame: 16-gauge galvanized steel mounting ring with factory installed spring steel friction clips • Accommodates ceilings up to 3/4" thick; ceiling thickness adapter accessory is available for ceilings up to 2" • Common rough-in section accepts open, single wall wash and lensed reflectors

Mounting Bracket: Mounting brackets have 3" vertical adjustment and accept proprietary Tru-Lock bar hangers, 1 1/2" C-channel and flat linear bars (ordered as accessories) or 1/2" EMT, 3/4" and 1 1/2" lathing channel (by others) • One-piece Tru-Lock bar hangers have integral T-bar locking screws and alignment notches for locating and locking fixture in the center or 1/4 tile increments

Junction Box: Ballast mounted to J-box cover for optimal heat dissipation and serviceability from below the ceiling • Oversized 4"x 6" galvanized steel junction box with (6) 1/2" and (1) 3/4" knockouts facilitate quick wiring • Junction box rated for eight No. 12 AWG 90°C branch circuit conductors (4-in, 4-out)

Labels and Listings

UL/C-UL listed for feed through and damp locations • I.B.E.W. Union made

Product specifications subject to change without notice.

ENGINEERING DATA

Voltage	120V-HPF		277V-HPF		347V-HPF Canada	
Lamp Wattage	26W	32W	26W	32W	26W	32W
Total input power	27W	36W	27W	36W	31W	36W
Operating AMPS	0.23	0.31	0.10	0.13	0.09	0.11
Ballast factor	1.00	0.98	1.00	0.98	1.02	0.98

6" VERTICAL CFL DOWNLIGHT

OPEN APERTURE

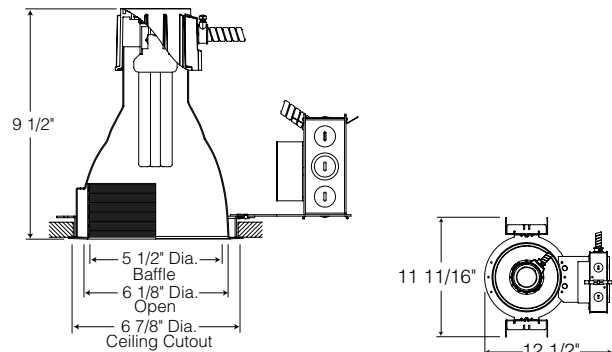
One 26W or 32W Triple Tube

C6V-126/42T

C600, C600B

Type	Cat. No.
_____	_____
_____	_____
Project:	_____
Notes:	_____

DIMENSIONS



ORDERING INFORMATION: Rough-in, reflector and accessories each ordered separately.

Example: C6V-126/42T-BR			Example: C600-CL				Example: HB-TL
Rough-In	Wattage/Lamp	Options	Reflector	Color Options	Finish	Options	Accessories
C6V-	126/42T-						
C6V	126/42T 1x26W or 32W Triple, 4-pin	347 347 Volt BR Emergency Battery Back-up w/Remote Switch BN Emergency Battery Back-up w/Integral Test Switch HR High-Lumen Emergency Battery Back-up with Remote Switch HN High-Lumen Emergency Battery Back-up with Integral Test Switch D10 ¹ Dimming Ballast Advance Mark 10™ D7 Dimming Ballast Advance Mark 7™ DL ^{1,2} Dimming Ballast Lutron Compact SE *** F Fuse and Fuse Holder (Where *** = voltage) CP Chicago Plenum NV Non-vented Socket Cup	C600 Open Reflector C600B Baffle	C Clear G Gold WT Wheat PT Pewter BZ Bronze B Black W White	Low Iridescent Alzak® Finishes: L Specular S Satin Blank for baffle & white	WH White Flange MAX## Label for maximum wattage (where ## = wattage) BN Hole for emergency test switch	HB-TL 25" Tru-Lock grid ceiling bar hangers, Pair HB-52 52" C-Channel Bar Hangers, Pair HB-28 28" C-Channel Bar Hangers, Pair LB-27 27" Linear Bar Hangers, Pair HB-4 Bar Hanger conversion kit for wooden joists SCA6- ² Sloped Ceiling Adapter *Angle must be specified when ordering; Available in 5°, 10°, 15°, 20°, 25°, 30° Example: SCA6-20

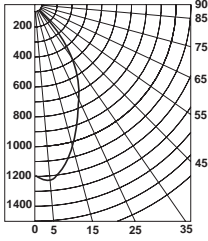
¹ Add a -1 for 120V, a -2 for 277V
² Lutron Dimming Ballast is wattage specific.
 26W/120V = C6V-126T-DL-1
 26W/277V = C6V-126T-DL-2
 32W/120V = C6V-132T-DL-1
 32W/277V = C6V-132T-DL-2



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OPEN REFLECTOR (32W TRIPLE TUBE)

Catalog Number: C6V-126/42T (C600-CL)
 PHOTOMETRIC REPORT
 Test Number: PRO3060601
 Total Luminaire Efficiency: 50.1%
 Luminaire Spacing Criteria: 0.87
 Luminaire: Clear specular Alzak® reflector. Open bottom.
 Lamps: One OSI CF32DT/E/IN/830, rated at 2450 lumens.
 CIE-Type: Direct



Candlepower Distribution (Candelas)

Angle	Candela	Lumens
0°	1188	
5°	1223	117
15°	999	283
25°	722	334
35°	496	311
45°	198	153
55°	3	2
65°	0	0
75°	2	2
85°	0	0

Initial Footcandles

Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Footcandles Beam Edge	Beam Diameter
6'	33.0	10.9	7.0'
7'	24.2	8.0	8.2'
8'	18.6	6.2	9.3'
9'	14.7	4.9	10.5'
10'	11.9	3.9	11.7'
11'	9.8	3.3	12.8'
12'	8.3	2.7	14.0'
13'	7.0	2.3	15.2'
14'	6.1	2.0	16.3'
15'	5.3	1.8	17.5'

Luminaire Data

Ang in Deg	Footlamberts	Candela/M ²
45	4477	15341
55	71	244
65	0	0
75	137	469
85	0	0

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixture
0-30°	734	30.6	61.0
0-40°	1046	43.6	86.9
0-60°	1201	50.0	99.8
0-90°	1203	50.1	100.0
90-180°	0	0.0	0.0
0-180°	1203	50.1	100.0

AVERAGE INITIAL FOOTCANDLES

Reflectances: 80% Ceiling, 50% Walls, 30% Floors

Luminaire Spacing	Room Cavity Ratio			
	RCR1	RCR4	RCR8	
5' x 5'	53	42	33	
6' x 6'	37	29	23	
7' x 7'	27	22	17	
8' x 8'	21	17	13	
9' x 9'	16	13	10	
10' x 10'	13	11	8	
11' x 11'	11	9	7	
12' x 12'	9	7	6	

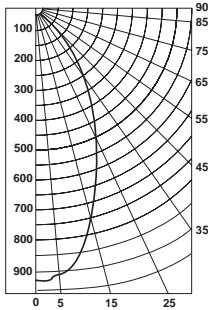
COEFFICIENTS OF UTILIZATION - % (Zonal Cavity Method)

Effective Floor Reflectance 20%

PCC	80		70		50		30		10		0							
	PW	70	50	30	10	70	50	30	10	50	30	10	0					
0	60	60	60	60	58	58	58	58	56	56	56	53	53	53	51	51	51	50
1	57	55	54	53	56	54	53	52	52	51	50	50	50	49	49	48	48	47
2	54	51	49	47	53	50	48	47	49	47	46	47	46	45	46	45	44	43
3	51	48	45	43	50	47	44	42	45	43	42	44	43	41	43	42	40	40
4	48	44	41	39	47	44	41	39	42	40	38	41	39	38	40	39	37	37
5	45	41	38	36	45	41	38	36	40	37	35	39	37	35	38	36	35	34
6	43	38	35	33	42	38	35	33	37	34	33	36	34	32	36	34	32	31
7	41	36	33	30	40	35	32	30	35	32	30	34	32	30	34	31	30	29
8	39	34	30	28	38	33	30	28	33	30	28	32	30	28	32	29	28	27
9	37	31	28	26	36	31	28	26	31	28	26	30	28	26	30	28	26	25
10	35	30	27	24	34	29	26	24	29	26	24	29	26	24	28	26	24	24

OPEN BAFFLE (32W TRIPLE TUBE)

Catalog Number: C6V-126/42T (C600B-B)
 PHOTOMETRIC REPORT
 Test Number: PRO5060901
 Total Luminaire Efficiency: 34.4%
 Luminaire Spacing Criteria: 0.82
 Luminaire: Clear specular Alzak® upper reflector with black baffle lower cone. Open bottom.
 Lamps: One OSI CF32DT/E/IN/830, rated at 2400 lumens.
 CIE-Type: Direct



Candlepower Distribution (Candelas)

Angle	Candela	Lumens
0°	932	
5°	925	88
15°	758	215
25°	519	240
35°	311	195
45°	101	78
55°	2	2
65°	0	0
75°	3	3
85°	3	4

Initial Footcandles

Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Footcandles Beam Edge	Beam Diameter
6'	25.9	9.2	6.2'
7'	19.0	6.8	7.2'
8'	14.6	5.2	8.3'
9'	11.5	4.1	9.3'
10'	9.3	3.3	10.3'
11'	7.7	2.7	11.4'
12'	6.5	2.3	12.4'
13'	5.5	2.0	13.5'
14'	4.8	1.7	14.5'
15'	4.1	1.5	15.5'

Luminaire Data

Ang in Deg	Footlamberts	Candela/M ²
45	2280	7813
55	60	206
65	0	0
75	165	566
85	642	2200

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixture
0-30°	544	22.6	65.8
0-40°	739	30.8	89.5
0-60°	819	34.1	99.2
0-90°	826	34.4	100.0
90-180°	0	0.0	0.0
0-180°	826	34.4	100.0

AVERAGE INITIAL FOOTCANDLES

Reflectances: 80% Ceiling, 50% Walls, 30% Floors

Luminaire Spacing	Room Cavity Ratio			
	RCR1	RCR4	RCR8	
5' x 5'	36	30	23	
6' x 6'	25	21	16	
7' x 7'	19	15	12	
8' x 8'	14	12	9	
9' x 9'	11	9	7	
10' x 10'	9	7	6	
11' x 11'	8	6	5	
12' x 12'	6	5	4	

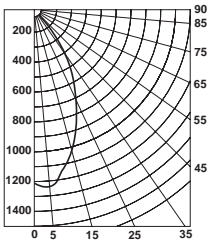
COEFFICIENTS OF UTILIZATION - % (Zonal Cavity Method)

Effective Floor Reflectance 20%

PCC	80		70		50		30		10		0							
	PW	70	50	30	10	70	50	30	10	50	30	10	0					
0	41	41	41	41	40	40	40	40	38	38	38	37	37	37	35	35	35	34
1	39	38	37	36	38	37	36	36	36	35	35	35	34	34	33	33	33	32
2	37	35	34	33	36	35	33	32	34	32	32	32	31	31	32	31	30	30
3	35	33	31	30	34	32	31	29	31	30	29	31	29	28	30	29	28	27
4	33	31	29	27	33	30	28	27	29	28	27	29	27	26	28	27	26	25
5	31	29	26	25	31	28	26	25	28	26	25	27	26	24	26	25	24	24
6	30	27	25	23	29	26	24	23	26	24	23	25	24	23	25	24	23	22
7	28	25	23	21	28	25	23	21	24	23	21	24	22	21	24	22	21	21
8	27	24	21	20	26	23	21	20	23	21	20	23	21	20	22	21	20	19
9	26	22	20	19	25	22	20	19	22	20	19	21	20	19	21	20	18	18
10	24	21	19	18	24	21	19	18	21	19	17	20	19	17	20	18	17	17

OPEN REFLECTOR (26W TRIPLE TUBE)

Catalog Number: C6V-126/42T (C600-CL)
 PHOTOMETRIC REPORT
 Test Number: PRO3060101
 Total Luminaire Efficiency: 58.9%
 Luminaire Spacing Criteria: 0.84
 Luminaire: Clear specular Alzak® reflector. Open bottom.
 Lamps: One OSI CF26DT/E/IN/830, rated at 1800 lumens.
 CIE-Type: Direct



Candlepower Distribution (Candelas)

Angle	Candela	Lumens
0°	1212	
5°	1226	117
15°	1019	289
25°	690	320
35°	371	233
45°	132	102
55°	0	0
65°	0	0
75°	0	0
85°	0	0

Initial Footcandles

Distance to Illuminated Plane (Feet)	Footcandles Beam Center	Footcandles Beam Edge	Beam Diameter
6'	33.7	11.9	6.2'
7'	24.7	8.8	7.3'
8'	18.9	6.7	8.3'
9'	15.0	5.3	9.4'
10'	12.1	4.3	10.4'
11'	10.0	3.6	11.4'
12'	8.4	3.0	12.5'
13'	7.2	2.5	13.5'
14'	6.2	2.2	14.6'
15'	5.4	1.9	15.6'

Luminaire Data

Ang in Deg	Footlamberts	Candela/M ²
45	2989	10240
55	0	0
65	0	0
75	0	0
85	0	0

Zonal Lumen Summary

Zone	Lumens	%Lamp	%Fixture
0-30°	725	40.3	68.4
0-40°	959	53.3	90.4
0-60°	1061	58.9	100.0
0-90°	1061	58.9	100.0
90-180°	0	0.00	0.00
0-180°	1061	58.9	100.0

AVERAGE INITIAL FOOTCANDLES

Reflectances: 80% Ceiling, 50% Walls, 30% Floors

Luminaire Spacing	Room Cavity Ratio			
	RCR1	RCR4	RCR8	
5' x 5'	47	38	30	
6' x 6'	33	27	21	
7' x 7'	24	19	15	
8' x 8'	18	15	12	
9' x 9'	14	12	9	
10' x 10'	12	10	7	
11' x 11'	10	8	6	
12' x 12'	8	7	5	

COEFFICIENTS OF UTILIZATION - % (Zonal Cavity Method)

Effective Floor Reflectance 20%

PCC	80		70		50		30		10		0							
	PW	70	50	30	10	70	50	30	10	50	30	10	0					
0	70	70	70	70	69	69	69	69	65	65	65	63	63	63	60	60	60	59
1	67	65	64	63	65	64	63	62	61	60	59	59	58	57	57	56	55	55
2	64	61	58	56	62	60	58	56	58	56	55	56	55	53	54	53	52	51
3	60	57	54	51	59	56	53	51	54	52	50	53	51	49	51	50	49	48
4	57	53	50	47	56	52	49	47	51	48	46	50	48	46	49	47	45	44
5	54	49	46	43	53	49	46	43	48	45	43	47	44	42	46	44	42	41
6	52	46	43	40	51	46	43	40	45	42	40	44	42	40	43	41	39	38
7	49	44	40	37	48	43	40	37	42	39	37	42	39	37	41	39	37	36
8	47	41	37	35	46	4												

AccuLite™
Commercial and Industrial Lighting

Type Y1 and Y2

Areos™ LED Area Lighting

High-efficiency, low-maintenance lighting
for area lighting applications





Areos™ Low-Profile LED Area Lights

AccuLite Areos LED Area Lights incorporate the very latest large format LED chip technology. Innovative hybrid TIR/reflector optics and an ultra-thin, thermally efficient housing design produce up to 27,000 lumens of uniform area illumination and industry leading efficacies of 100 lumens per watt.

Areos LED 16" and 22" housings are offered in nine different lumen packages and four optical distributions. Choose between premium efficacy or standard efficacy models to solve virtually any area lighting project challenge.

Areos LED luminaires deliver equivalent photopic illumination levels to traditional metal halide fixtures with better uniformity and back light control using significantly less energy while achieving up to seven times longer life (100,000 hours L_{70} *).

Engineered for longevity and upgradeability, Areos LED luminaires feature proprietary encapsulated LED light engine technology, a thermally and environmentally isolated driver housing and a field rotatable/replaceable LED housing.

Advantages

- Industry leading photometric performance and efficacies
- 100,000 L_{70} hours*
- Custom-tailored combinations of lumen outputs, fixture sizes and distributions to solve virtually any area/site lighting application
- Small footprint design for clean architectural appearance
- Environmentally responsible use of materials and extremely low EPA ratings, enabling use of smaller/lower cost poles
- Dark Sky compliant

* L_{70} is the predicted time when LED performance depreciates to 70% of initial lumen output while operating at 25°C ambient temperature.





Technologically advanced, environmentally responsible and architecturally understated

Take a closer look to see how Areos LEDs deliver new levels of performance, innovation and design to the art and science of area lighting.

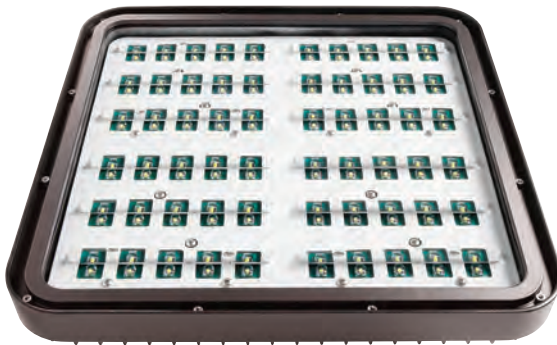


Areos LED Luminaires

Advanced optics



Areos LED Area Lights are state-of-the-art luminaires offering a unique balance of advanced technology and functional design. Unparalleled performance and reliability are the sum of the following key Areos LED features:

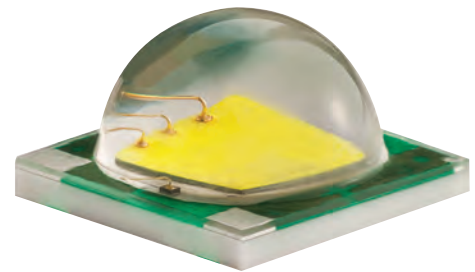


Hybrid TIR/ Reflector Optics

Type 2, 3 and 4 Areos distributions feature a high performance blended optic system combining high-efficiency symmetrical TIR lenses and vertical reflector vanes fabricated out of 95% reflective material featuring a nano-composite coating developed for demanding outdoor applications including lighting and solar collectors. This results in industry leading fixture efficacies, uniformity ratios and exceptional control of back spill light.

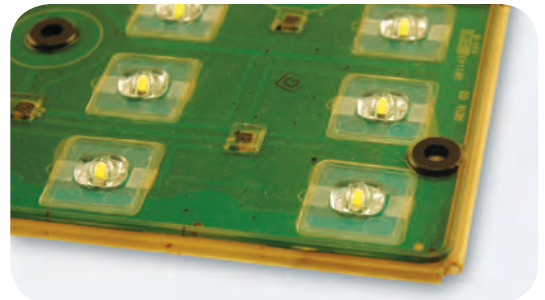


Side View Profile of Reflector



Latest Generation Large Format LED Technology

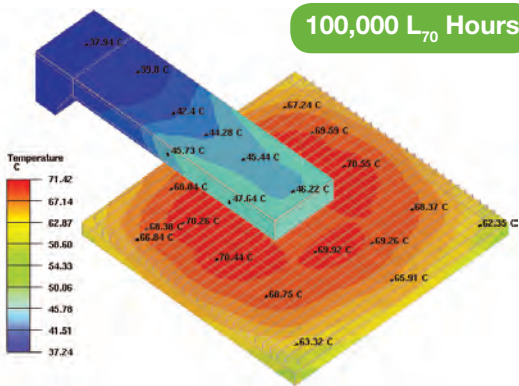
Larger die offers up to 20% higher efficacy with significantly improved thermal performance and ability to drive the LED more efficiently at higher currents versus smaller format chips used in typical competitive fixtures.



Individual LED Optics

Each LED is covered with an individual chip optic, assuring perfect alignment of LED and optic for consistent optical performance. Regardless of board manufacturing tolerances.

Innovative design



Efficient Thermal Management

The LED circuit boards in direct contact with the finely machined surface of the flat, finned housing offers the most efficient thermal design possible. The driver compartment and light engine housing are thermally isolated to further minimize temperatures of both the light engine and drivers, thereby extending the service life of the entire luminaire.

Field Rotatable and Replaceable Light Engine Housing



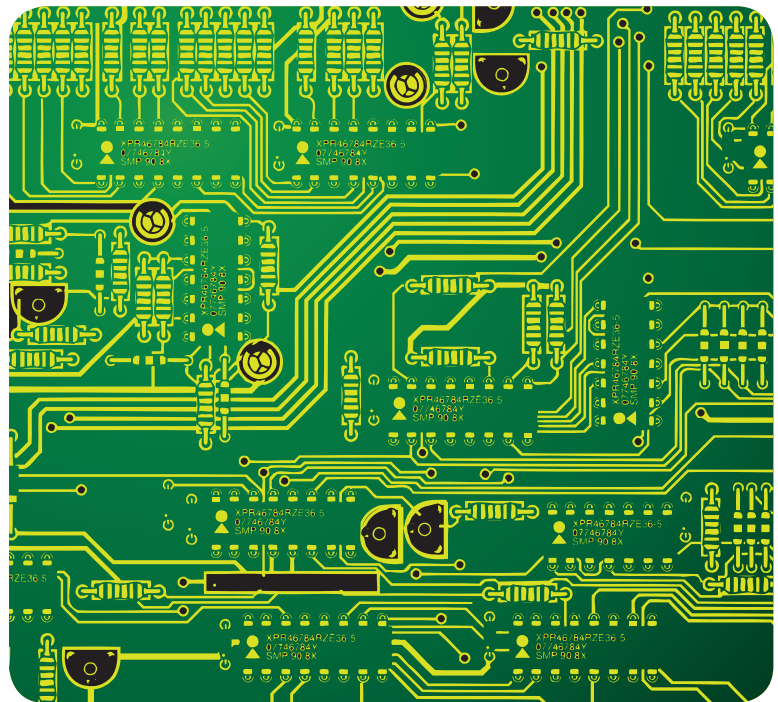
The light engine housing can be rotated or replaced after installation to change the orientation of the light distribution or to facilitate future upgrades as technology improves.



Sealed Light Engine Housing

Aeros LED fixtures carry an IP65 rating with a gasket-sealed 90% transmission tempered glass lens to exclude dirt and moisture and protect the optics from environmental contaminants and physical damage. An optional 95% high transmission glass can be specified, as well as a chemically frosted glass lens to soften the light and reduce glare. An integral membrane breather vent equalizes the internal/external air pressure to further enhance the quality and longevity of the seal.

For maximum efficiency Aeros LED fixtures can also be specified without a protective glass lens.



Superior Electronics Topology

Universal drivers accommodate inputs of 120-277VAC or 347-480VAC and have internal 2.5kV surge protection. In addition, each fixture is equipped with a separate surge protector that protects Line-Ground, Line-Neutral and Neutral-Ground in accordance with IEEE/ANSI C62.41.2 guidelines and is rated for 10,000 Amps. A 0-10V dimming driver is optional.

Performance without compromise



Areos LED Area Lights deliver as advertised. With a 27,000 lumen light engine, Areos LED luminaires are a true one-to-one replacement for 400W HID installations. No photopic/scotopic concessions are made and comparable illumination levels are delivered to the ground in the exact same layout. Bottom line, no compromises.

Project Name: Brittonfield Parkway **Goal:** Deliver the same average illumination using less energy.

LED vs. HID Results

This project was originally designed for 400W pulse start, high efficiency metal halide fixtures. Areos LED is able to deliver higher average illumination with less than half of the energy.

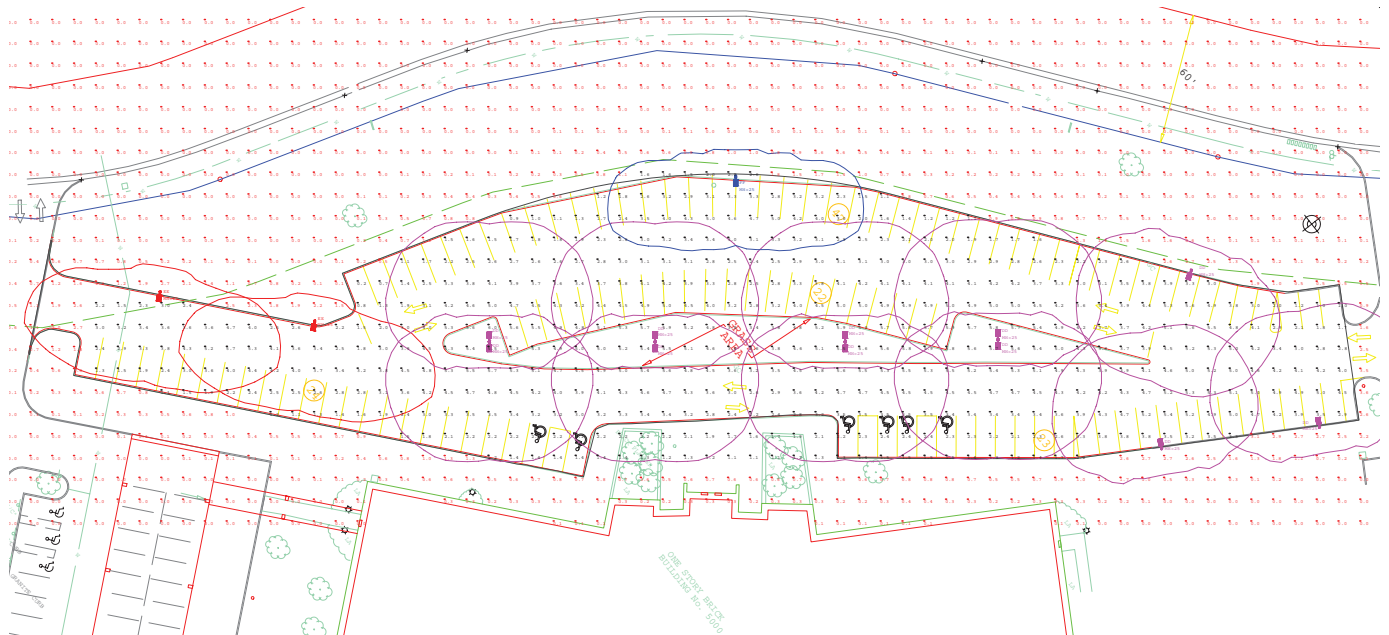
- **57% less energy**
- **Higher average illumination**
- **Improved uniformity**

HID Luminaire Schedule

Qty.	Description	LLF	Ave fc.	Max/Min	Fixture Input Watts	Total Site Watts
14	High Performance 400W metal halide, pulse start	0.72	3.28	10.3	455	6,370

LED Luminaire Schedule

Qty.	Description	LLF	Ave fc.	Max/Min	Fixture Input Watts	Total Site Watts
14	Areos LED Luminaires, A18 LED Engine	0.85	3.49	6.67	194	2,716



Scale: 1 inch= 60 Ft.

Areos LED Performance & Data

Premium Efficacy Fixtures @ 6500K CCT - 65 CRI

	Distribution	Fixture Size	Delivered Lumens (with lens)	Delivered Lumens (without lens – option "NL")	System Watts
SS1-A06-6K-UN-2B	Type II	16"	5,188	5,859	67
SS1-A06-6K-UN-3B	Type III	16"	5,395	6,134	67
SS1-A06-6K-UN-FT	FT	16"	6,328	6,414	67
SS1-A06-6K-UN-5	Type V	16"	5,063	5,939	67
SS1-A09-6K-UN-2B	Type II	16"	7,782	8,789	97
SS1-A09-6K-UN-3B	Type III	16"	8,092	9,201	97
SS1-A09-6K-UN-FT	FT	16"	9,492	9,620	97
SS1-A09-6K-UN-5	Type V	16"	7,595	8,909	97
SS1-A12-6K-UN-2B	Type II	16"	10,376	11,718	128
SS1-A12-6K-UN-3B	Type III	16"	10,790	12,268	129
SS1-A12-6K-UN-FT	FT	16"	12,657	12,827	129
SS1-A12-6K-UN-5	Type V	16"	10,127	11,879	128
LS1-A18-6K-UN-2B	Type II	22"	15,564	17,577	194
LS1-A18-6K-UN-3B	Type III	22"	16,185	18,402	194
LS1-A18-6K-UN-FT	FT	22"	18,985	19,241	194
LS1-A18-6K-UN-5	Type V	22"	15,190	17,818	194
LS1-A24-6K-UN-2B	Type II	22"	20,751	23,437	254
LS1-A24-6K-UN-3B	Type III	22"	21,580	24,537	254
LS1-A24-6K-UN-FT	FT	22"	25,313	25,654	254
LS1-A24-6K-UN-5	Type V	22"	20,253	23,758	254

For 4500K CCT apply a 0.9 multiplier to above values.
All tests were performed according to IES LM-79-08.

Standard Efficacy Fixtures @ 6500K CCT - 65 CRI

	Distribution	Fixture Size	Delivered Lumens (with lens)	Delivered Lumens (without lens – option "NL")	System Watts
SS2-B08-6K-UN-2B	Type II	16"	7,320	8,267	107
SS2-B08-6K-UN-3B	Type III	16"	7,612	8,655	107
SS2-B08-6K-UN-FT	FT	16"	8,929	9,049	107
SS2-B08-6K-UN-5	Type V	16"	7,144	8,381	107
SS2-B12-6K-UN-2B	Type II	16"	10,980	12,401	153
SS2-B12-6K-UN-3B	Type III	16"	11,418	12,983	153
SS2-B12-6K-UN-FT	FT	16"	13,394	13,574	153
SS2-B12-6K-UN-5	Type V	16"	10,716	12,571	153
SS2-B16-6K-UN-2B	Type II	16"	14,640	16,535	200
SS2-B16-6K-UN-3B	Type III	16"	15,225	17,311	200
SS2-B16-6K-UN-FT	FT	16"	17,859	18,099	200
SS2-B16-6K-UN-5	Type V	16"	14,289	16,761	200
LS2-B24-6K-UN-2B	Type II	22"	21,960	24,802	295
LS2-B24-6K-UN-3B	Type III	22"	22,837	25,966	295
LS2-B24-6K-UN-FT	FT	22"	26,788	27,148	295
LS2-B24-6K-UN-5	Type V	22"	21,433	25,142	295

Y1
Y2

For 4500K CCT apply a 0.9 multiplier to above values. 4500K luminaires have an 80 CRI.
All tests were performed according to IES LM-79-08.

Areos LED Ordering Information & Accessories

Example: **SS1-A06-6K-UN-2B-BZ-D**

Model	Light Engine ¹	CCT	Voltage	Distribution	Finish	Options
SS1-	A06	-6K	-UN	-2B	-BZ	-D

Premium Efficacy Fixtures:

Model	Light Engine ¹	CCT	Voltage	Distribution	Finish	Options
SS1 16" Fixture	A06 67 watts A09 97 watts A12 127 watts	- 6K 6500K 65 CRI - 4K 4500K 80 CRI	- UN - 120V thru 277V - E12 - 120V - E20 - 208V - E24 - 240V - E27 - 277V - UH - 347V thru 480V - E34 - 347V - E48 - 480V	- 2B Type II with back light control - 3B Type III with back light control - FT Forward throw with back light control - 5 Type V Square	BL Black WH White SL Silver BZ Bronze	- PC* Photo control - PCR* Twist-lock photo control receptacle (photo control to be supplied by user) - F1* Fuse single pole line to neutral - F2* Fuse two pole line to line - D 0-10V dimming driver - HT High transmission lens - FG Frosted glass lens - NL No lens (Wet Location Listed only) - RR Optics aimed to the right (when facing pole) - RL Optics aimed to the left (when facing pole)

* Must specify voltage

Standard Efficacy Fixtures:

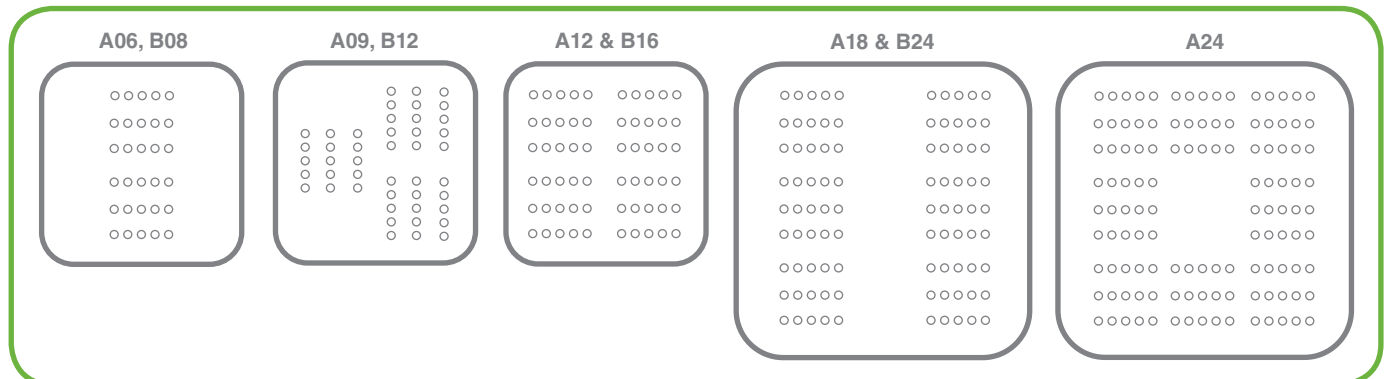
SS2 16" Fixture	B08¹ 107 watts B12¹ 153 watts B16¹ 200 watts
LS2 22" Fixture	B24 295 watts

Accessories (Ordered & Shipped Separately)

Description	Cat. No.
Wall Mount Bracket	Bronze A-WMB-BZ Black A-WMB-BL White A-WMB-WH
Round Pole Adapter Fits 3" to 4" pole	Bronze A-RPA34-BZ Black A-RPA34-BL White A-RPA34-WH
Fits 5" to 6" pole	Bronze A-RPA56-BZ Black A-RPA56-BL White A-RPA56-WH
Post Top Fitter Fits 2" and 2 1/2" tenons (2 3/8" and 2 7/8" dia)	Bronze A-PTF-BZ Black A-PTF-BL White A-PTF-WH
Motion Sensor, Pole Mounted ON/OFF motion sensor HI/LO motion sensor. Requires fixture with "D" option (dimming driver)	MSONOFF** MSHILO**

** Sensor to be mounted on pole by installer

Light Engine Configurations



¹ NOTE: Fixtures in 480V or 347V (suffixes "UH", "E48" and "E34") are supplied with a larger driver housing.

Areos LED Customizable Options

Photo Controls

Two photo control options are available:

- Option “PC” is a factory-installed button style, photo control mounted on the side of the driver housing.
- Option “PCR” is a receptacle that is factory installed to the top of the driver housing to accept industry standard twist lock sensors. Twist lock sensors are user supplied and not available through the factory.



Photo Control Unit

Motion Sensors

Two motion sensor accessories deliver additional energy savings and longer fixture life:

- “MSONOFF” is an ON/OFF motion sensor that will turn the fixture ON only when it senses a passing pedestrian or vehicle. The infrared motion sensor is intended to be mounted on the pole by the installer – approximately 15 feet from the ground – for optimal performance.
- “MSHILO” uses the same motion sensor but with the ability to switch the fixture from high-to-low light levels. Normal operation is in the “low” mode. When the sensor detects movement, the fixture switches to “high”. The sensor is installed on the pole. The fixture must have a dimming driver (option “D”).



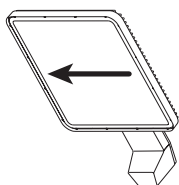
Glass Lenses

The standard luminaire comes with a tempered glass lens with 90% light transmission. As an alternative to the standard glass lens, the following options are available:

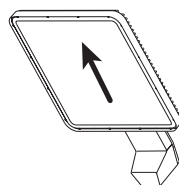
- Option “HT”, a high transmission lens, delivers an additional 5% light transmission improving the fixture efficacy.
- Option “FG” is a chemically frosted glass lens that softens the light and reduces glare.
- Option “NL”, with no glass lens, offers maximum efficacy and performance. Without a glass lens, Areos LED Area Lights have a wet location listing only.

Rotatable Optics

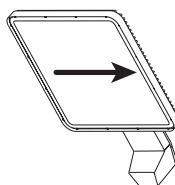
The Areos LED can be ordered with factory rotated optics. To request factory rotated optics to the right or left (when facing the pole), specify options “RR” or “RL” respectively. Additionally, the entire LED housing can be easily field rotated by the user or installer.



Left Facing
“-RL”

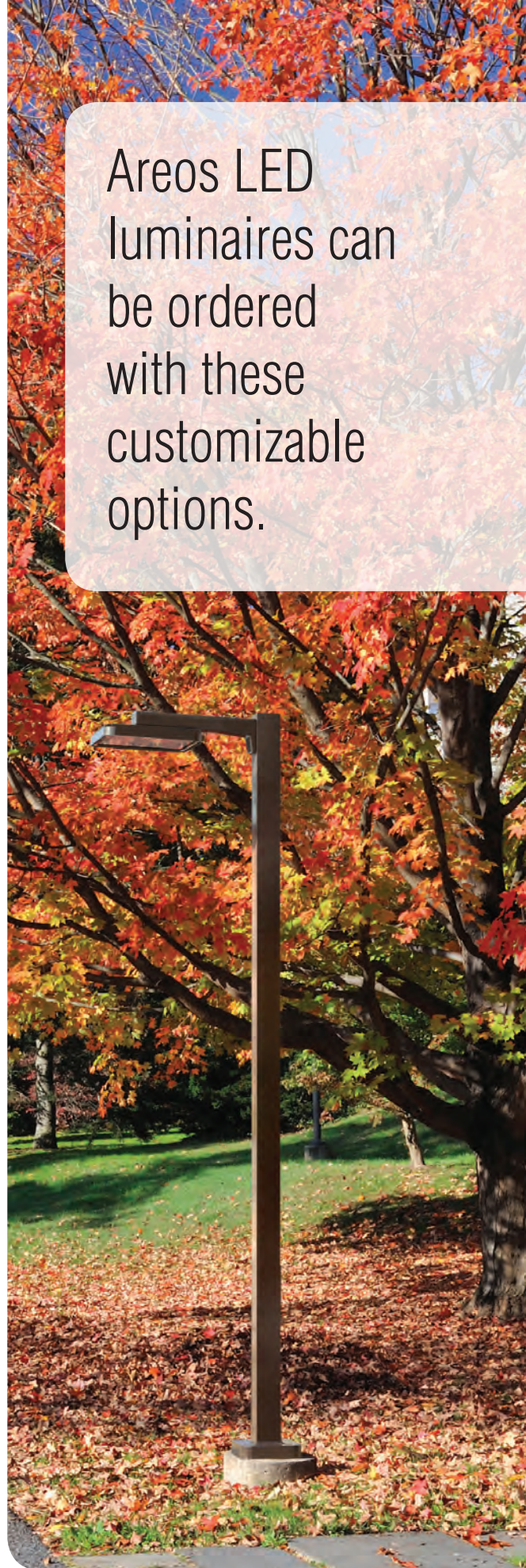


Standard
no suffix



Right Facing
“-RR”

Areos LED luminaires can be ordered with these customizable options.

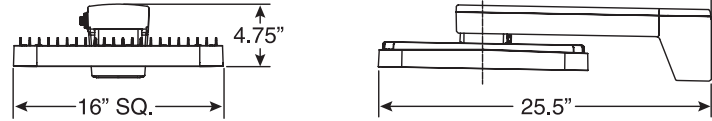




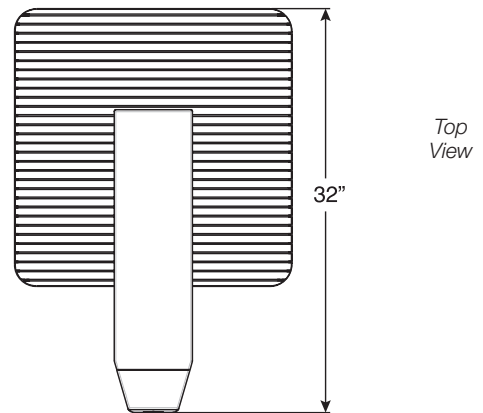
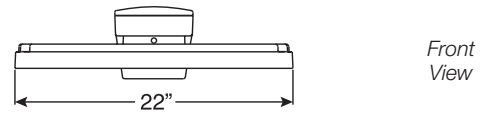
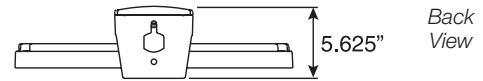
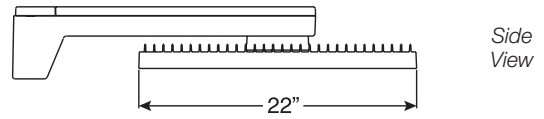
Areos LED Dimensions

Fixture	EPA	Weight
16" Pole Mount	0.78 ft ²	28 lb.
22" Pole Mount	0.82 ft ²	46 lb.

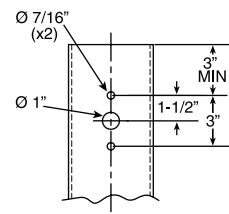
16" Pole Mount



22" Pole Mount



Pole Drilling Pattern



Areos LED Photometry

Premium Efficacy Fixtures

	SS1-A12-4K-UN-2B Total Lumens: 9,432		SS1-A12-4K-UN-3B Total Lumens: 9,809		SS1-A12-6K-UN-FT Total Lumens: 12,657		SS1-A12-4K-UN-5 Total Lumens: 9,207	
Zone	Luminaire Lumens	% of Luminaire Lumens	Luminaire Lumens	% of Luminaire Lumens	Luminaire Lumens	% of Luminaire Lumens	Luminaire Lumens	% of Luminaire Lumens
Forward Light	7,386	78.3%	7,871	80.2%	10,194	80.5%	4,603	50.0%
FL (0°-30°)	811	8.6%	697	7.1%	906	7.2%	474	5.1%
FM (30°-60°)	4,330	45.9%	4,290	43.7%	6,133	48.5%	1,997	21.7%
FH (60°-80°)	2,235	23.7%	2,874	29.3%	3,135	24.8%	2,119	23.0%
FVH (80°-90°)	10	0.1%	10	0.1%	20	0.2%	13	0.1%
Back Light	2,046	21.7%	1,938	19.8%	2,463	19.5%	4,603	50.0%
BL (0°-30°)	599	6.4%	576	5.9%	723	5.7%	474	5.1%
BM (30°-60°)	941	10.0%	908	9.3%	1,372	10.8%	1,997	21.7%
BH (60°-80°)	502	5.3%	450	4.6%	344	2.7%	2,119	23.0%
BVH (80°-90°)	4	0.0%	4	0.0%	24	0.2%	13	0.1%
Up Light	0	0.0%	0	0.0%	0	0.0%	0	0.0%
UL (90°-100°)	0	0.0%	0	0.0%	0	0.0%	0	0.0%
UH (100°-180°)	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Trapped Light	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
BUG Rating	B2-U0-G2		B2-U0-G2		B2-U1-G2		B3-U0-G3	

All tests were performed according to IES LM-79-08.

Standard Efficacy Fixtures

	SS2-B16-4K-UN-2B Total Lumens: 13,309		SS2-B16-4K-UN-3B Total Lumens: 13,840		SS2-B16-6K-UN-FT Total Lumens: 17,859	
Zone	Luminaire Lumens	% of Luminaire Lumens	Luminaire Lumens	% of Luminaire Lumens	Luminaire Lumens	% of Luminaire Lumens
Forward Light	10,422	78.3%	11,106	80.2%	14,384	80.5%
FL (0°-30°)	1,144	8.6%	983	7.1%	1,278	7.2%
FM (30°-60°)	6,110	45.9%	6,053	43.7%	8,654	48.5%
FH (60°-80°)	3,154	23.7%	4,055	29.3%	4,423	24.8%
FVH (80°-90°)	14	0.1%	14	0.1%	28	0.2%
Back Light	2,887	21.7%	2,735	19.8%	3,475	19.5%
BL (0°-30°)	845	6.4%	813	5.9%	1,020	5.7%
BM (30°-60°)	1,328	10.0%	1,281	9.3%	1,936	10.8%
BH (60°-80°)	708	5.3%	635	4.6%	485	2.7%
BVH (80°-90°)	6	0.0%	6	0.0%	34	0.2%
Up Light	0	0.0%	0	0.0%	0	0.0%
UL (90°-100°)	0	0.0%	0	0.0%	0	0.0%
UH (100°-180°)	0	0.0%	0	0.0%	0	0.0%
Trapped Light	N/A	N/A	N/A	N/A	N/A	N/A
BUG Rating	B2-U0-G2		B2-U1-G2		B3-U1-G2	

All tests were performed according to IES LM-79-08.



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April 25, 2016

City of Chesterfield Planning

Re: Raising Cane's Chesterfield Commons West, Outlot 4
Project Location: 17360 Chesterfield Airport Rd.
Project Name: Raising Cane's Chicken Fingers, Store #247

CSRS, INC.

6767 Perkins Road, Suite 200
Baton Rouge, Louisiana 70808

Phone. (225) 769-0546
Fax. (225) 767-0060

Architect's Statement of Design

ARCHITECT'S STATEMENT

The following list of items identify how the Architectural Review Design Standards are being addressed for the above mentioned project.

INTRODUCTION

This new development for Raising Cane's Chicken Fingers will occupy Outlot 4 of Chesterfield Commons West, currently the Emperor's Palace Restaurant which recently closed. The site is located at 17360 Chesterfield Airport Road which is the southwest corner of the intersection of Chesterfield Airport Road and RHL Drive. The existing Emperor's Palace building and parking area will be demolished for the construction of the Raising Cane's building and new parking.

GENERAL REQUIREMENTS FOR SITE DESIGN

A. Site Relationships

The site consists of 2.08 acres which is relatively flat. Once demolition is complete the site will be finish graded to prepare the new building pad with no significant change in elevation to the site. The proposed building will be situated facing Chesterfield Airport Road with its entries plainly visible to the adjacent roadways. Landscaping and masonry walls will be used to screen the proposed trash enclosure from the neighboring roadways. Concrete walks will be provided to establish safe and convenient pedestrian access to the entry doors.

B. Circulation System and Access

Access to the site will be from THF Boulevard and via cross access with the adjacent Hardee's to the west. The building will be located on the eastern portion of the site with the parking field kept as close as possible to the entry points while still providing smooth circulation for the drive-thru window traffic. Parking is located on all four sides of the building with accessible parking located across the drive aisle at the front of the building. Designated striped paths are provided for pedestrian access to the walkways at the building. Proposed pavement radii are such that delivery, waste and emergency vehicles can easily enter and circulate around the site. No bicycle racks are proposed but bicycles can be parked in areas near the building which are not used for accessible access.

C. Topography

The site is relatively flat therefore berms could not be incorporated into the site design for screening and/or buffering. Minimal changes will be made to the site topography with the exception of the addition of bioretention areas along the eastern and northwestern portions of the site to satisfy MSD's water quality requirements. Slope changes will be smooth so as to be visually appealing.

D. Retaining Walls

No new retaining walls are proposed for this site however the existing wall located along the drainage swale on Chesterfield Airport Road shall remain in place.

GENERAL REQUIREMENTS FOR BUILDING DESIGN

A. Scale

Building elements are highly compatible in scale and general conformance with the neighboring buildings. The objective is to create an attractive and clear expression of the building through the use of glass and canopy projections that will attract favorable attention to itself. Changes in wall texture are proportional in amounts.

B. Design

1. The building incorporates a combination of masonry, stucco, and glass to create a variety in the design's composition, which maintaining architectural rhythm horizontally and vertically across the building.
2. Landscaping will be used immediately around the building and throughout the site to enhance the nature of this project.
3. The utility incorporates its signature colors with the materials required by Chesterfield Commons.
4. The building elevations constitute similar architectural quality to the surrounding building while architecturally maintaining its signature characteristics.
5. There are not any artistic sculptures proposed for this site.
6. This building is 2% more efficient than current energy code standards.
7. Metal awnings and recesses are used to cover and articulate the building entries.
8. There are no plans for temporary barrier walls.
9. The HVAC units are located on the roof which are screened from view.

C. Materials and Color

The design, general scale, and orientation of the building creates a visual relationship between the neighboring Chesterfield Commons development. The building is composed of masonry, glass, stucco, and metal for a variety of elements that work together as a composition. Vertical and horizontal material proportion integrates nicely with a human scale and pronounced entries invite visitors into the building.

D. Landscaping Design and Screening

Landscaping has been designed by Cynthia Cash of Baton Rouge Louisiana to tie into and compliment the surrounding Chesterfield Commons development. A mixture of evergreen and deciduous trees and shrubs as well as native grasses and flowers have been provided to add color and interest all year round. Landscaped areas will be provided adjacent to the building and along parking areas to create a landscaped foreground for each building elevation and to provide pleasing views from adjacent roadways and property. All landscaped areas are protected from traffic by vertical curbs. The trash enclosure is located at the southeast corner of the site and will be screened by masonry walls and evergreens.

E. Signage

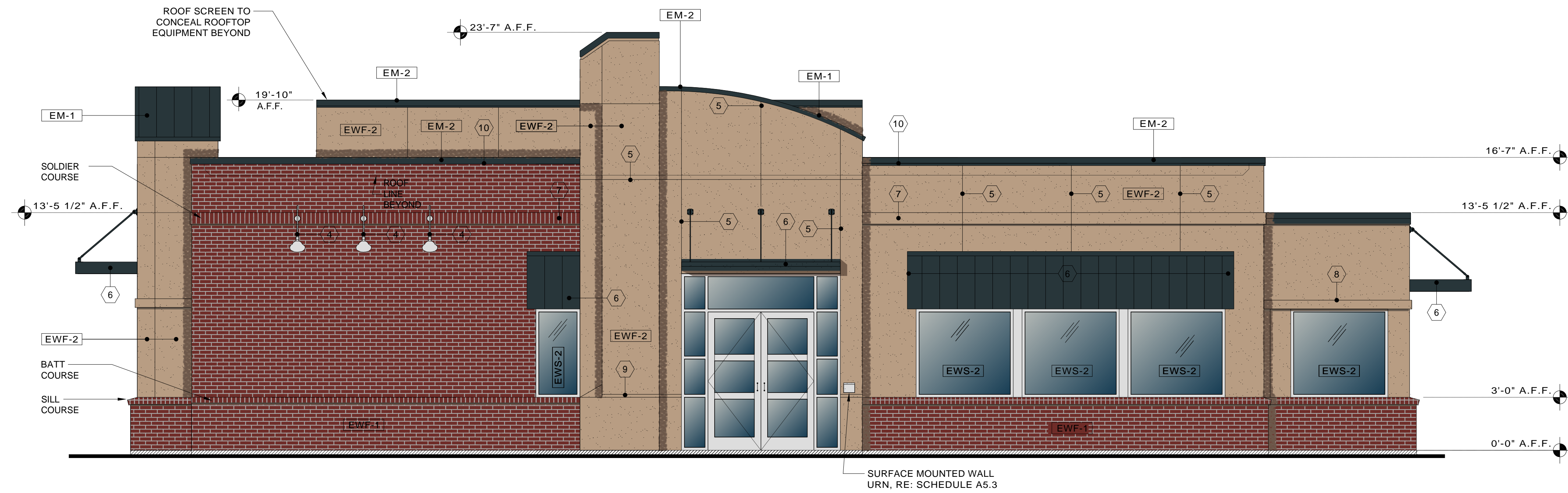
Signage is shown for informational purposes only and will require a separate review.

F. Lighting

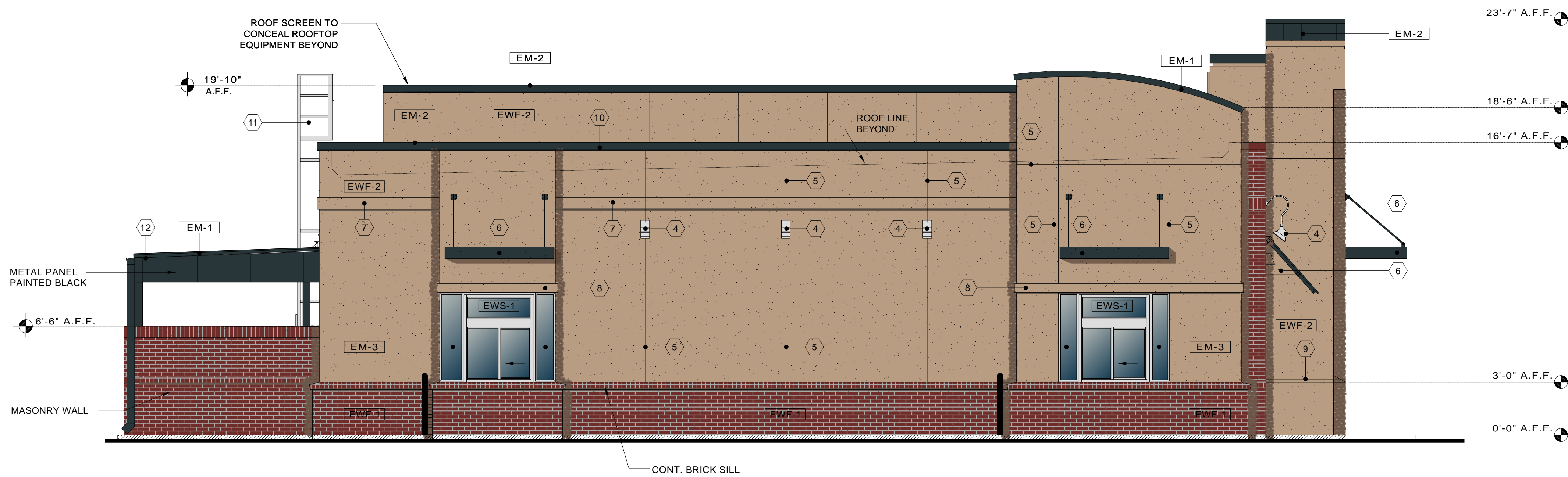
Lighting will be situated so as not to cast directly on adjoining properties or roadways. Lighting will require a separate review process.

Sincerely,

Javier Sola, AIA
CSRS, Inc.
310.489.8976
sola@csrsonline.com



01 | FRONT ELEVATION
1/4" = 1'-0"
01:A4.1



02 | DRIVE-THRU ELEVATION
1/4" = 1'-0"
02:A4.1

KEY NOTES

MARK	DESCRIPTION
1	NOT USED
2	NOT USED
3	NOT USED
4	EXTERIOR LIGHTING, RE: ELEC.
5	CONTROL JOINT
6	PRE-FABRICATED METAL AWNING OR CANOPY, G.C. TO PERMIT SEPARATELY
7	8" STUCCO OR BRICK BAND AS SHOWN
8	6" STUCCO OR BRICK BAND AS SHOWN
9	2" WIDE STUCCO REVEAL (1/4" DEEP)
10	LED CHANNEL & LED BY OWNER NEON TO BE WHITE
11	ROOF ACCESS LADDER RE: SP3. PROVIDE ALL REQ'D. BLOCKING FOR INSTALLATION.
12	METAL ROOF, GUTTER & DOWNSPOUT (RE: DETAIL 1A10.2)

- NOTES:
- NOT USED
 - CANOPIES AND AWNINGS ARE REQUESTED AS DEFERRED SUBMITTALS AS INDICATED ON SHEET CS1. G.C. TO PERMIT CANOPIES AND AWNINGS USING MANUFACTURER SPECIFICATIONS AND SHOP DRAWINGS.

EXTERIOR MATERIALS

MARK	DESCRIPTION
EM-1	STANDING SEAM METAL ROOF GALVANIZED STEEL SHEET W/ KYNAR FINISH (24 GA.) STANDARD COLOR.
EM-2	METAL CAP FLASHING GALVANIZED STEEL SHEET W/ KYNAR FINISH (24 GA.) STANDARD COLOR.
EM-3	STAINLESS STEEL COVER PANEL FASTENED TO WALL W/ STAINLESS STEEL SEAT AND SCREWS PROVIDED BY OWNER INSTALLED BY G.C.

EXTERIOR WINDOW SYSTEMS

MARK	DESCRIPTION
EWS-1	DRIVE THRU WINDOW
EWS-2	4 1/2" ALUM. STOREFRONT KAWNEER TRIFAB 451 II ANODIZED, TYP. U.N.O.

EXTERIOR WALL FINISHES

MARK	DESCRIPTION
EWF-1	FACE BRICK: ENDICOT BRICK, MEDIUM IRONSPOT#46, SMOOTH FACE, 4" X12"
EWF-2	COLOR: DRYVIT #383 HONEY TWIST, SANDPEBBLE FINISH. 7/8" STUCCO FINISH ON SELF FURRING GALV. METAL LATH W/ FRY REGLET CORNERS, MOLDING & TRIM AS REQUIRED (RE: SPECIFICATIONS);

SEALANT

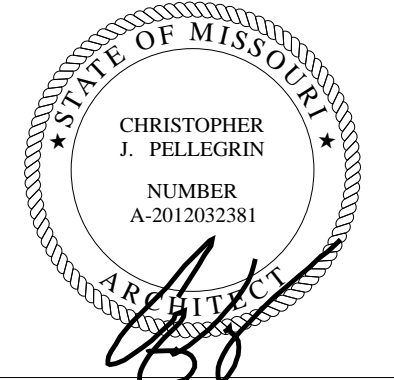
- PROVIDE SEALANT & BACKER RODS AT ALL DISSIMILAR MATERIALS.
- TWO-PART NONSAG POLYURETHANE SEALANT BY SONNEBORN BUILDING PRODUCTS. CUSTOM COLOR TO MATCH STUCCO AT ALL DOOR FRAMES, STOREFRONT & WINDOWS, WALL PENETRATIONS AND STUCCO TO MASONRY CONNECTIONS.



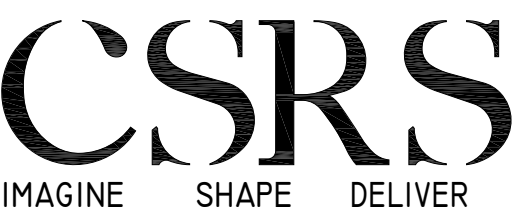
Prototype Issue Date: 15-1215

Store:
**Raising Cane's
Chesterfield Airport &
Chesterfield Commons
W. Drive
Store #247 Prototype 1**

Professional of Record: CHRIS J. PELLEGRIN



Designer's Information:



6767 Perkins Road Suite 200 Baton Rouge, LA 70808
Telephone: 225 769-0546 Fax: 225 767-0060
www.csrsnline.com

Set Control Information: (ARCH use only)

Setup / Update Date: 15-1105 | 15-1209

#	Date:	Description:

FOR PERMIT

Sheet Revisions: (sheet specific per Designer)

#	Date:	Description:

Sheet Title:

EXTERIOR ELEVATIONS

Initial sheet issue date: 15-1215

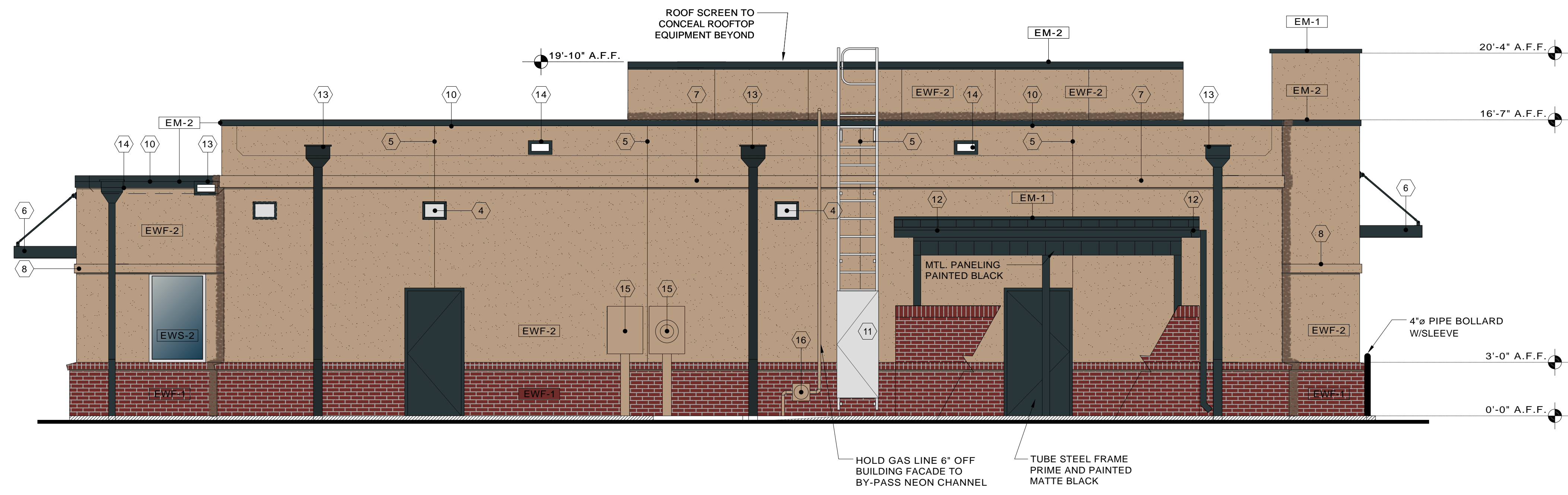
Project Number: 216000.23.247

Project Manager: JS

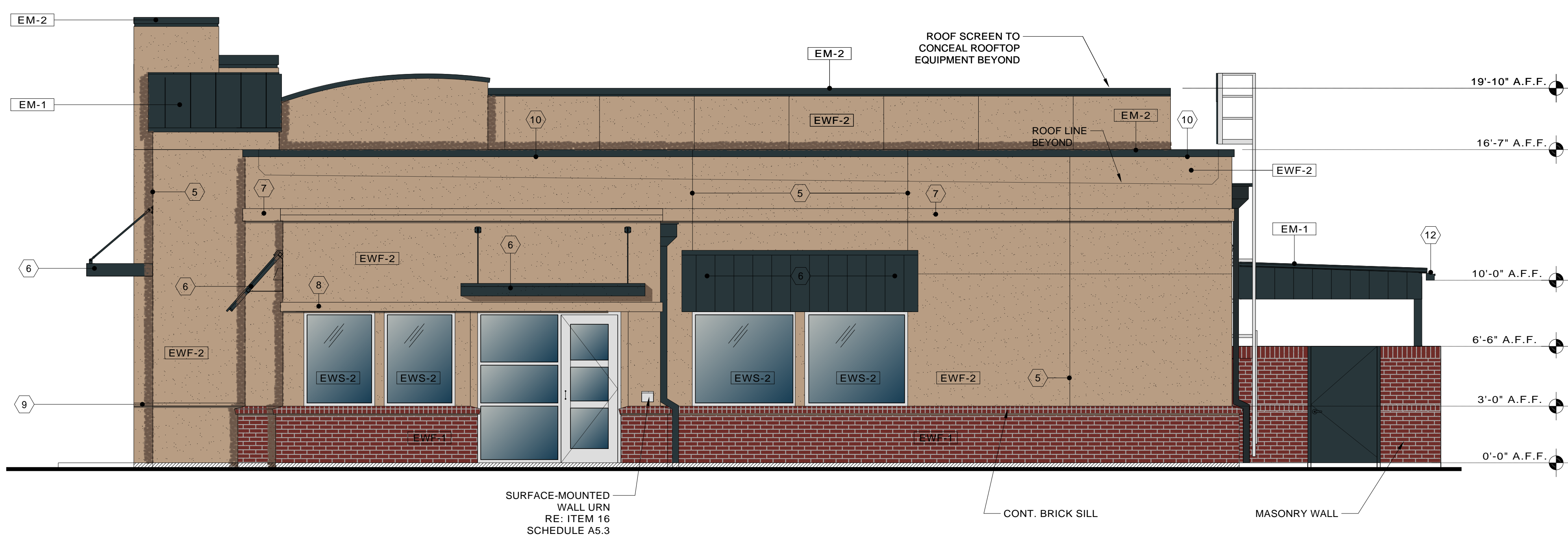
Drawn by: JS

Sheet Number:

A04.1



01 | REAR ELEVATION
1/4" = 1'-0"
01:A4.2



02 | SIDE ENTRY ELEVATION
1/4" = 1'-0"
02:A4.2

KEY NOTES

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12	METAL ROOF, GUTTER & DOWNSPOUT (RE: DETAIL 1A10.2)
13	ROOF SCUPPER & DOWNSPOUT OMIT STUCCO BAN @ DOWNSPOUT (RE: 1A10.2)
14	OVER FLOW SCUPPER
15	ELECTRICAL CABINETS, PAINT TO MATCH STUCCO (PT-10). COORDINATE EXACT REQUIREMENTS WITH ELEC. SUB-CONTR.
16	GAS METER & PIPING, PAINT TO MATCH STUCCO (PT-10)
17	COMBUSTION AIR LOUVERS, PROVIDE INSECT SCREENS, PAINT TO MATCH STUCCO (RE: MECHANICAL) (PT-10)

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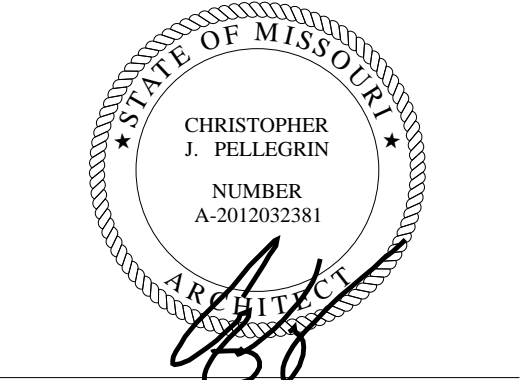


Restaurant Support Office
6800 Bishop Road, Plano, TX 75024
Tel: 972-769-3100 Fax: 972-769-3101

Prototype Issue Date: 15-1215

Store:
**Raising Cane's
Chesterfield Airport &
Chesterfield Commons
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Store #247 Prototype 1**

Professional of Record: CHRIS J. PELLEGRIN



Designer's Information:



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Sheet Revisions: (sheet specific per Designer)

#	Date:	Description:

Sheet Title:

EXTERIOR ELEVATIONS

Initial sheet issue date: 15-1215

Project Number: 216000.23.247

Project Manager: JS

Drawn by: JS

Sheet Number:

A04.2



