

## Planning Commission Staff Report

<b>Project Type:</b>	Site Development Section Plan
<b>Meeting Date:</b>	June 14, 2021
<b>From:</b>	Natalie Nye, Planner
<b>Location:</b>	North of Chesterfield Airport Rd. and east of Spirit of St. Louis Blvd.
<b>Description:</b>	<b><u>Spirit of St. Louis Corporate Center, Lot 2 (Spirit Hotel):</u></b> A Site Development Section Plan, Landscape Plan, Lighting Plan, Architectural Elevations and Architect's Statement of Design for a 6.9-acre tract of land zoned "PC" Planned Commercial District located on the north side of Chesterfield Airport Road and east of Spirit of St. Louis Boulevard.

### **PROPOSAL SUMMARY**

The request is for a five-story hotel with 168 rooms located north of Chesterfield Airport Road and east of Spirit of St. Louis Blvd. The subject site is 6.9 acres and is Lot 2 of the Gateway Studios development. The subject site is being developed in conjunction with the Site Development Section Plan proposed on Lot 1, which is adjacent to this site. The subject site is zoned "PC" Planned Commercial District and is governed under the terms and conditions of City of Chesterfield Ordinance Number 2342.

### **HISTORY OF SUBJECT SITE**

The subject property was originally zoned "M3" Planned Industrial District by St. Louis County. On March 19, 2007 Ordinance 2342 was approved which rezoned the property to "PC" Planned Commercial District. Following the approval of the Ordinance, a Site Development Concept Plan was approved in 2008. This plan called for a mixture of retail and office buildings on nine lots. The proposed development



*Figure 1: Subject Site Aerial*

depicted on the 2008 Site Development Concept Plan was never built and the site remains vacant. In 2021 applications for a Boundary Adjustment Plat, Amended Site Development Concept Plan, Site Development Section Plans for Lots 1 and 2, and an Architectural Specialty Lighting Plan were submitted for the development known as Gateway Studios, a campus containing recording and film studios, office space and a hotel, permitted uses under Ordinance 2342.

**ARCHITECTURAL REVIEW BOARD INPUT**

On May 13, 2021, the Architectural Review Board passed a recommendation of approval by a vote of 4-0 with two (2) conditions, as noted below:

1. Provide material samples prior to review by the Planning Commission.
2. The detailed Landscape Plan is made available for viewing prior to the project’s review at the Planning Commission.

The requested additional information was provided and there were no further comments by the Architectural Review Board.

**LAND USE AND ZONING**

The surrounding zoning districts and land uses for this site are as follows:

Direction	Zoning	Land Use
North	Highway 40/Interstate 64 & “PS” Park and Scenic	Highway 40/Interstate 64 & Chesterfield Valley Athletic Complex
South	“M3” Planned Industrial	Vacant
East	“M3” Planned Industrial	Industrial & Office Space
West	“PC” Planned	Vacant/Agriculture

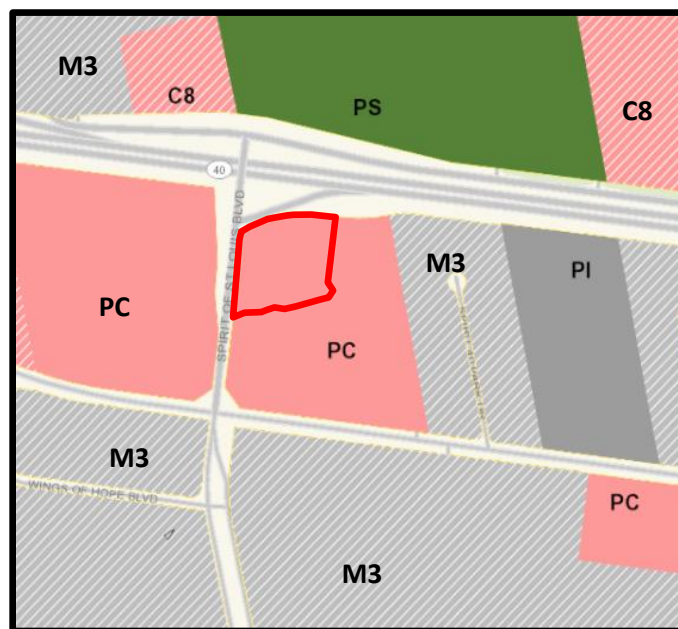


Figure 2: Zoning Map

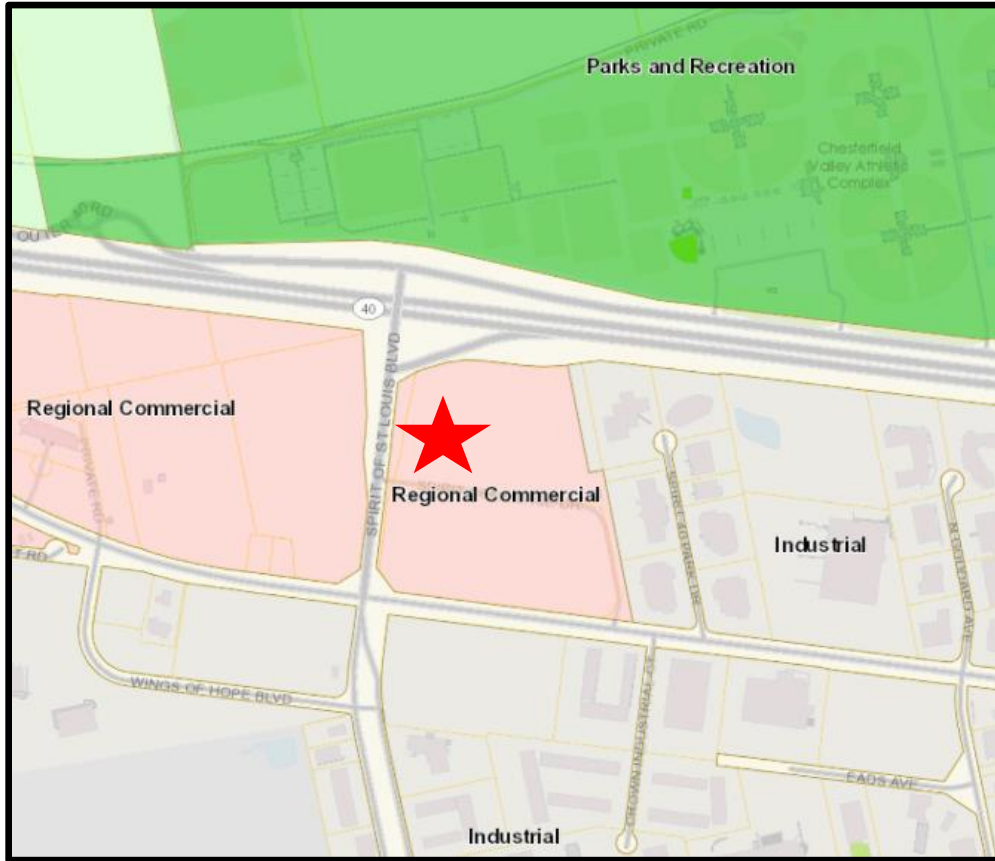


Figure 3: Future Land Use Plan

### **COMPREHENSIVE PLAN**

The City of Chesterfield Comprehensive Land Use Map delineates the subject site within the “Regional Commercial” land use designation. The Comprehensive Plan defines this designation as areas that serve regional commercial needs and draw visitors from both Chesterfield and the surrounding areas.

The designation calls for uses that emphasize retail, dining, entertaining, hotel and leisure components. The proposed uses follow the intent of the designation as described in the Land Use Plan. The Plan includes additional policies that apply to this site.

- **Limit curb cuts on arterial streets, and where possible concentrate access at shared entrance points**

The proposed development utilizes an existing shared internal drive for access and two existing curb cuts.

- **Landscape buffering should be utilized between roadways to screen areas of surface parking**  
Landscape buffers with a mixture of tree plantings are proposed in order to adequately screen the site and surface parking lots. Additionally, the site has been designed so that the surface parking lot is interior to the site and screened by the building itself.

- **Secure infrastructure for safe walking and biking between lodging and attraction centers**

An internal sidewalk network is proposed that will connect Lot 1’s studio and office uses to the hotel located on Lot 2.

## **STAFF ANALYSIS**

### **Zoning**

The subject site is zoned “PC” Planned Commercial District and is governed by the development standards of City Ordinance 2342. This request was reviewed against the provisions of said ordinance as well as all applicable requirements of the Unified Development Code (UDC), and the proposed development adheres to these requirements. The subject’s site proposed use of hotel is a permitted use under site-specific Ordinance 2342. The proposed hotel will also include an accessory restaurant use.

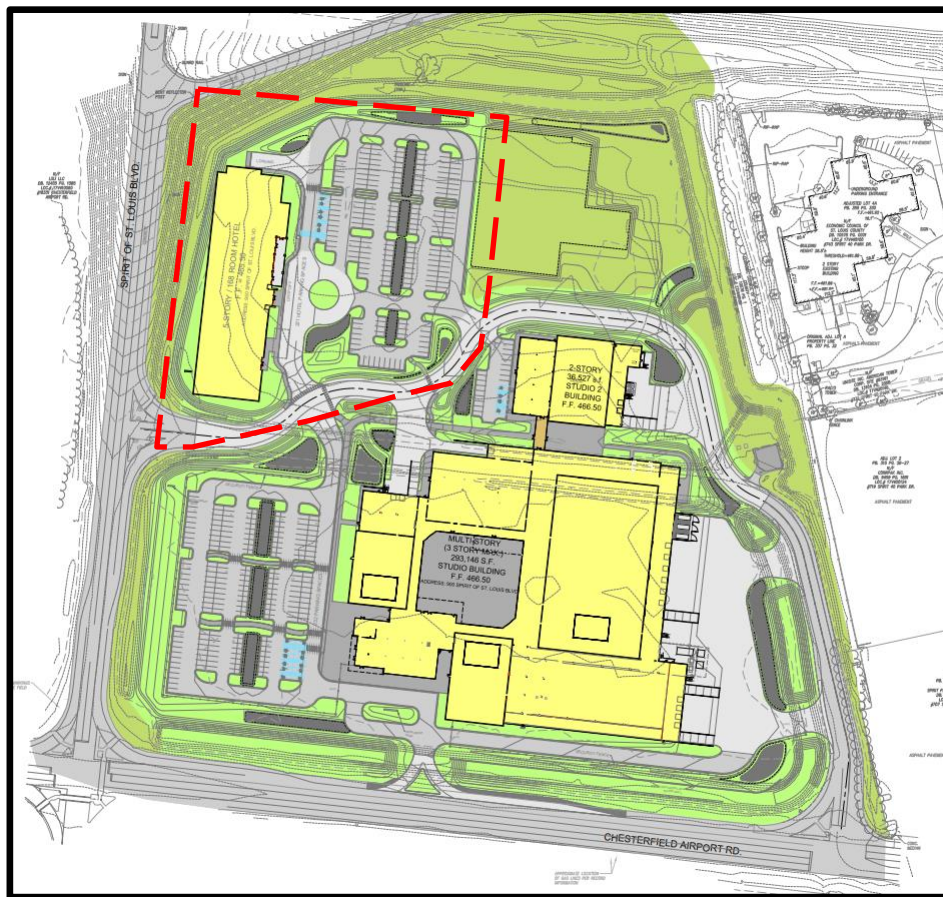


Figure 4: Colored Site Plan

### **Circulation System and Access**

The larger Gateway Studios development will be served by three access points; two off of Chesterfield Airport Rd. and one off of Spirit of St. Louis Blvd. Lot 2 within the development will have two access points off of the internal drive. An internal sidewalk network connects the sidewalk located along the front of the hotel to the parking lot and to the Main Building and Studio 2 located in Lot 1 of the Gateway

Studios development. The site is equipped with striped crosswalks and bicycle parking for added safety for pedestrians and cyclists.

### Off-Street Parking and Loading

The number of required parking spaces per the Unified Development Code for a 168-room hotel and accessory restaurant use occupying 5,400 square feet is 194 spaces. The proposed number of spaces is 221 parking spaces, 7 of which are ADA spaces. Parking for the hotel is located in the front of the building, shielded from view from Spirit of St. Louis Blvd. All parking complies with UDC regulations.

### Landscaping

Several different areas of landscaping are proposed in accordance with City Code requirements. A 30-foot landscape buffer with a variety of trees and shrubs is proposed along Spirit of St. Louis Blvd and Highway 40/Interstate 64. Adequate parking lot landscaping, foundation plantings and landscape screening of the proposed loading area are proposed. The proposed trees have been selected from the City of Chesterfield’s approved tree list. A mix of deciduous, evergreen and flowering trees total 139 new trees on the site. The proposed landscaping will also include new shrubs, grasses and eight landscaped bioretention areas.

Mechanical equipment will be located on the roof of the hotel building and screened by a screen wall matching the masonry used for the building. The roof top mechanical units will not be visible from any of the property lines or from within the site. The loading dock area to the north of the building will be screened by a masonry wall and additional landscaping.

### Lighting

Site Lighting for Lot 2 will conform to the lighting standards in the City code. All parking lot fixtures are utilitarian in nature and feature fully-shielded, flat lens, enclosed luminaires. A total of 16 parking lot and street light fixtures are proposed. The proposed building light fixtures include a mix of wall packs compliant with City code and accent lighting. The proposed accent lighting shown below in Figure 5 requires Planning Commission approval. Light will not trespass the coping of the building.

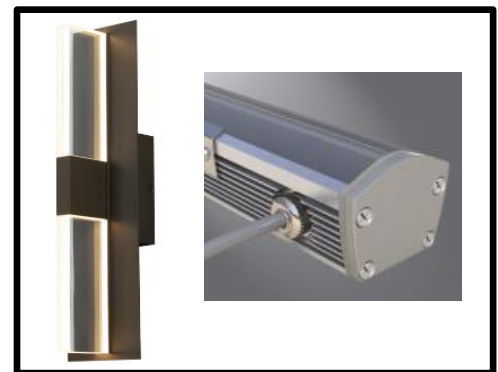


Figure 5: Accent Lighting Fixtures

### Architectural Elevations

The front façade of the proposed hotel is the eastern elevation, which faces the interior of the site. The hotel has a porte-cochere with metal canopy for guest drop off. The exterior wall of the ground level floor of the hotel is designed with a masonry exterior and aluminum storefront glazing. The exterior of the floors above is mostly glass with aluminum paneling. Guestroom balconies are visible on all facades of the proposed hotel building. The building will primarily use a Kansas brick and tile veneer. A grey color palette is used for the aluminum and metal paneling. The five-story hotel will be a total of 171,791 square feet and standing 78 feet high.

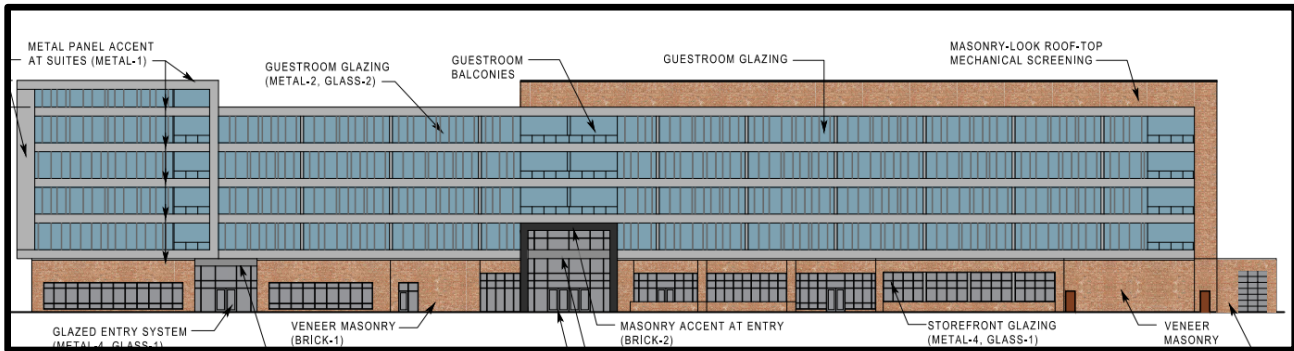


Figure 6: Southeast Elevation



Figure 7: Architectural Rendering

### **STAFF RECOMMENDATION**

Staff has reviewed the project and has found the proposal to be in compliance with the site-specific ordinance, Comprehensive Plan, and all City Code requirements. Staff recommends approval of the Spirit of St. Louis Corporate Center Lot 2 (Spirit Hotel).

### **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, Lighting Plan, Architectural Elevations and Architect's Statement of Design for Spirit of St. Louis Corporate Center Lot 2 (Spirit Hotel)".

- 2) "I move to approve the Site Development Section Plan, Landscape Plan, Lighting Plan, Architectural Elevations and Architect's Statement of Design for Spirit of St. Louis Corporate Center Lot 2 (Spirit Hotel), with the following conditions..." (Conditions may be added, eliminated, altered or modified)

Attachments: Site Development Section Plan Submittal Packet

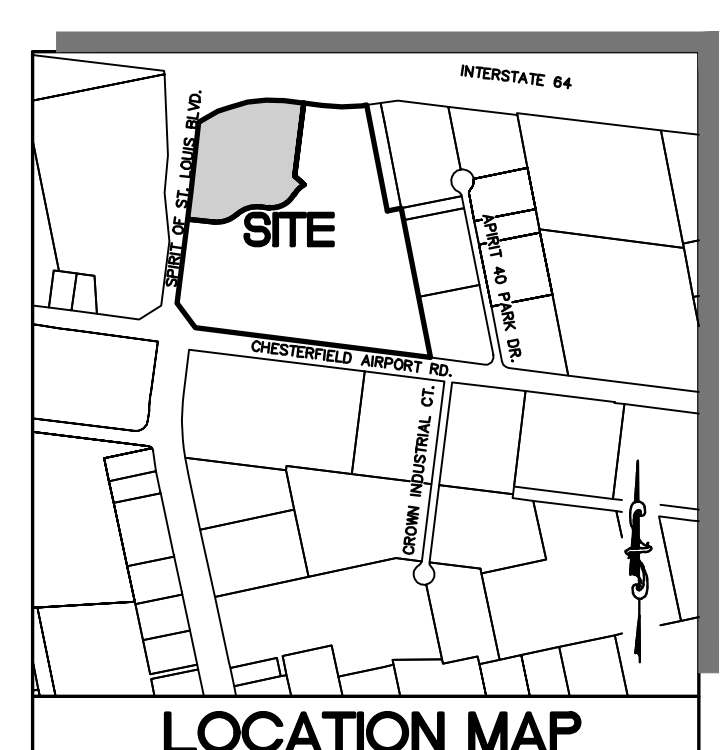
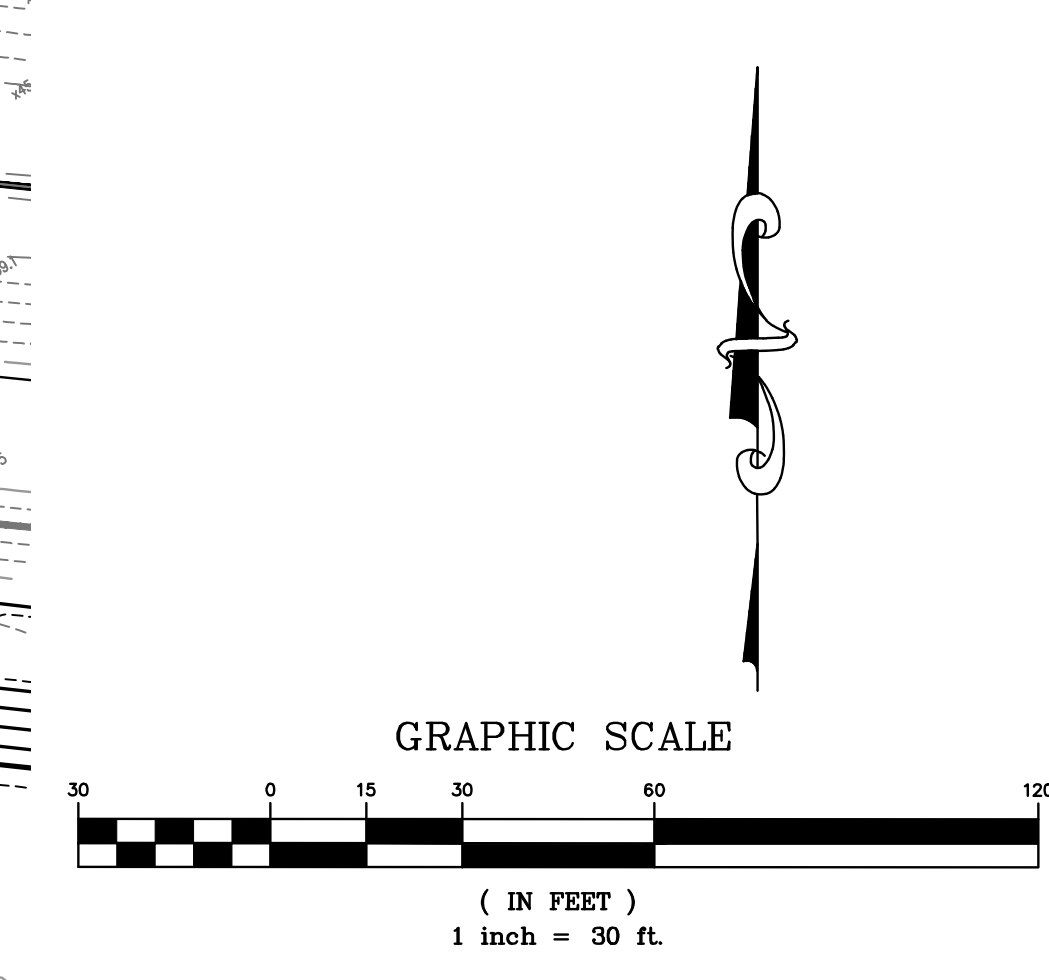
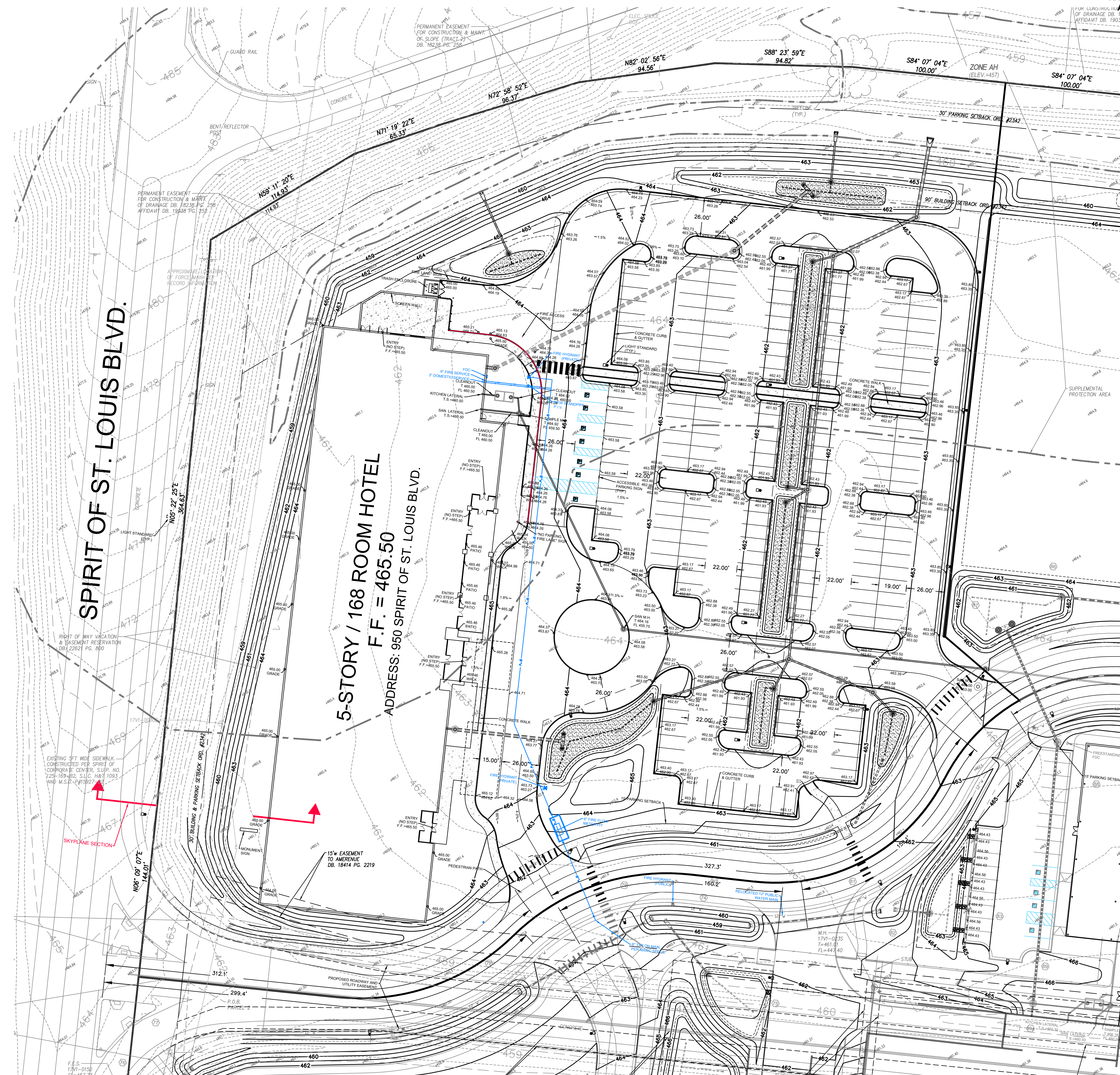
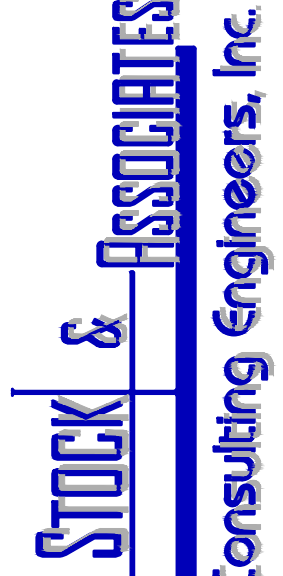
# SITE DEVELOPMENT SECTION PLAN

## FOR SPIRIT HOTEL

### AT GATEWAY STUDIOS

A TRACT OF LAND BEING LOT 2 OF THE PROPOSED BOUNDARY ADJUSTMENT PLAT OF LOT A OF THE LOT SPLIT PLAT OF PART OF LOT 5 OF R.H. STEVENS FARM AS RECORDED IN PLAT BOOK 355, PAGE 329, PART OF VACATED RIGHT OF WAY OF SPIRIT OF ST. LOUIS BOULEVARD AS RECORDED IN BOOK 22621 PAGE 800, AND PART OF ADJUSTED LOT B OF THE BOUNDARY ADJUSTMENT PLAT AS RECORDED IN PLAT BOOK 355, PAGE 330, LOCATED IN TOWNSHIP 45 NORTH, RANGE 3 EAST OF THE 5TH PRINCIPAL MERIDIAN CITY OF CHESTERFIELD, ST. LOUIS COUNTY, MISSOURI ZONED "PC"

PREPARED BY:



#### PERTINENT DATA

SITE ACREAGE = 6.954 ACRES  
 EXISTING ZONING = "P.C." (ORD. #2342)  
 FIRE DISTRICT = MONARCH  
 SCHOOL DISTRICT = ROCKWOOD  
 WATERSHED AREA = METROPOLITAN ST. LOUIS SEWER DIST.  
 WATER SERVICE = MISSOURI RIVER  
 GAS SERVICE = MISSOURI AMERICAN WATER CO.  
 ELECTRIC SERVICE = SPIRE  
 PHONE SERVICE = AmerenUE  
 LOCATOR NUMBER = 17V440111, 17V430046, 17V420168  
 OWNER = N/F 950 SPIRIT LAND, LLC  
 DB, 22320 PG. 1214  
 N/F GUNDAKER, GORDON A Jr  
 DB, 19366 PG. 361  
 ADDRESS = 950 SPIRIT OF ST. LOUIS BLVD.  
 WUNNENBERG'S = PAGE 20, GRID II-18

#### LEGEND

EXISTING CONTOURS	---
PROPOSED CONTOURS	---
EXISTING SANITARY SEWERS	---
EXISTING STORM SEWERS	---
PROPOSED SANITARY SEWERS	---
PROPOSED STORM SEWERS	---
CENTERLINE	---
EASEMENT	---
PROPOSED SPOT ELEVATION	---

#### ABBREVIATIONS

C.D.	CLEANOUT
D.B.	DEED BOOK
E	ELECTRIC
F	FLOWLINE
FT	FEET
FND.	FOUND
G	GAS
M.H.	MANHOLE
N/F	NOW OR FORMERLY
PR.	PLAT BOOK
P.C.	PAGE
P.V.C.	POLYVINYL CHLORIDE PIPE
R.B.	RADIAL BEARING
R.C.P.	REINFORCED CONCRETE PIPE
SQ.	SQUARE
SC.	STORMWATER INLET
V.C.P.	VETROTRIED CLAY PIPE
W	WATER
(86'W)	RIGHT-OF-WAY WIDTH

#### LEGEND

⊕	BENCH MARK	⊕	FIRE HYDRANT
⊙	FOUND IRON ROD	⊕	FIRE DEPARTMENT CONNECTION
⊙	FOUND IRON PIPE	⊕	WATER MANHOLE
⊙	RIGHT OF WAY MARKER	⊕	WATER METER
⊙	UTILITY POLE	⊕	WATER VALVE
⊙	SUPPORT POLE	⊕	POST INDICATOR VALVE
⊙	UTILITY POLE WITH LIGHT	⊕	CLEAN OUT
⊙	LIGHT STANDARD	⊕	STORM MANHOLE
⊙	ELECTRIC METER	⊕	GRADED MANHOLE
⊙	ELECTRIC MANHOLE	⊕	STORMWATER INLET
⊙	ELECTRIC PEDESTAL	⊕	GRADED STORMWATER INLET
⊙	ELECTRIC SPUR BOX	⊕	SANITARY MANHOLE
⊙	GAS DRP	⊕	TREE
⊙	GAS METER	⊕	BUSH
⊙	GAS VALVE	⊕	TRAFFIC SIGNAL
⊙	TELEPHONE MANHOLE	⊕	PARKING METER
⊙	TELEPHONE PEDESTAL	⊕	STREET SIGN
⊙	TELEPHONE SPUR BOX	⊕	SPRINKLER
⊙	CABLE TV PEDESTAL	⊕	MAIL BOX

#### GENERAL NOTES:

- BOUNDARY AND TOPOGRAPHICAL SURVEY BY STOCK AND ASSOCIATES CONSULTING ENGINEERS, INC. (BASIS OF BEARINGS: MISSOURI STATE PLANE, GRID NORTH)
- GRADING & STORM WATER PER THE CITY OF CHESTERFIELD, THE ST. LOUIS COUNTY DEPARTMENT OF HIGHWAYS AND TRAFFIC AND MSD.
- SUBJECT PROPERTY LIES WITHIN FLOOD ZONE "AH" (AREAS WITH FLOOD DEPTHS OF 1 TO 3 FEET, USUALLY AREAS OF PONDING; BASE FLOOD ELEVATIONS 457 FEET) AND FLOOD ZONE "X" (SHADED AREAS OF 500-YEAR FLOOD; AREAS OF 100-YEAR FLOOD WITH AVERAGE DEPTHS LESS THAN 1 FOOT OR WITH DRAINAGE AREAS LESS THAN ONE SQUARE MILE AND AREAS PROTECTED BY LEVEES FROM 100-YEAR FLOOD) ACCORDING TO THE NATIONAL FLOOD INSURANCE PROGRAM, FLOOD INSURANCE RATE MAP FOR THE ST. LOUIS COUNTY, MISSOURI AND INCORPORATED AREAS. THIS MAP IS IDENTIFIED AS MAP NO. 29189C0145 K WITH AN EFFECTIVE DATE OF FEB. 4, 2015.
- THE REGULATORY 100YR WATER SURFACE ELEVATION FOR SITE IS CONTROLLED BY THE CHESTERFIELD VALLEY STORM WATER MASTER PLAN MODEL. THE LOWEST FLOOR OF ANY BUILDING NEEDS TO BE AT LEAST 1 FOOT ABOVE THE ELEVATION OF THE 100YR WATER SURFACE OF ANY CHANNEL WITHIN 200 FEET OF THE BUILDING FOOTPRINT. THE 100YR HIGH WATER ELEVATION VARIES FROM 459.4 AT SOUTHWEST CORNER OF SITE TO 457.4 AT NORTHWEST CORNER OF SITE TO 457.2 AT NORTHEAST CORNER OF SITE. FOR BUILDINGS ALONG WESTERN PORTION OF SITE, 458.4 WILL BE THE CONTROLLING ELEVATION. FOR BUILDINGS ALONG NORTHERN PORTION OF SITE, 457.4 WILL BE THE CONTROLLING ELEVATION.
- ALL UTILITIES SHOWN HAVE BEEN LOCATED BY THE ENGINEER FROM AVAILABLE RECORDS. THEIR LOCATION SHOULD BE CONSIDERED APPROXIMATE. THE CONTRACTOR HAS THE RESPONSIBILITY TO NOTIFY ALL UTILITY COMPANIES, PRIOR TO CONSTRUCTION, TO HAVE EXISTING UTILITIES FIELD LOCATED. SHOULD ANY CONFLICTS BE EVIDENT, THE CONTRACTOR SHALL NOTIFY THE OFFICE OF THE ENGINEER IMMEDIATELY.
- ARCHITECTURAL ELEVATIONS, SITE LANDSCAPING PLANS, SITE LIGHTING PLANS AND SITE SIGNAGE PLANS SHALL BE SUBMITTED TO THE CITY OF CHESTERFIELD AS INDIVIDUAL LOTS ARE DEVELOPED ON THEIR SITE DEVELOPMENT SECTION PLAN.
- ON-SITE STORM WATER DRAINAGE REQUIREMENTS SHALL BE IN ACCORDANCE WITH THE CHESTERFIELD VALLEY MASTER STORM WATER DRAINAGE PLAN AND AS DIRECTED BY THE CITY OF CHESTERFIELD.
- OFF-SITE GRADING EASEMENTS, IF REQUIRED, SHALL BE EXECUTED AND RECORDED PRIOR TO THE COMMENCEMENT OF ANY OFF-SITE GRADING.
- CROSS-ACCESS EASEMENTS WHERE REQUIRED, SHALL BE EXECUTED AND RECORDED AS INDIVIDUAL LOTS ARE DEVELOPED.
- NO TREES AND LANDSCAPING MAY BE LOCATED WITHIN THE HIGH-WATER LIMITS OF THE CHESTERFIELD VALLEY MASTER STORM WATER DRAINAGE DITCHES.
- PRIOR TO SPECIAL USE PERMIT ISSUANCE BY THE SAINT LOUIS COUNTY DEPARTMENT OF HIGHWAYS AND TRAFFIC, A SPECIAL CASH ESCROW OR A SPECIAL ESCROW SUPPORTED BY AN IRREVOCABLE LETTER OF CREDIT, MUST BE ESTABLISHED WITH THE SAINT LOUIS COUNTY.
- ACCESS TO THIS DEVELOPMENT FROM CHESTERFIELD AIRPORT ROAD SHALL BE VIA TWO ENTRANCES. ENTRANCES ARE TO PROVIDE REQUIRED SIGHT DISTANCE AND CONSTRUCTED TO SAINT LOUIS COUNTY STANDARDS AS DIRECTED BY THE SAINT LOUIS COUNTY DEPARTMENT OF HIGHWAYS AND TRAFFIC.
- ALL BUILDINGS AND ROADWAYS SHALL BE ELEVATED A MINIMUM 1 FOOT ABOVE THE MAX. HIGH-WATER ELEVATION IN THE CHESTERFIELD MASTER MODEL.
- MAXIMUM HEIGHT OF ALL BUILDINGS, EXCLUSIVE OF ROOF SCREENING SHALL NOT EXCEED FIVE (5) STORES ON THE NORTHEAST LOT AND MAX. THREE (3) STORES ON ALL OTHER LOTS. ANY RETAIL DEVELOPMENT ON ANY LOT SHALL NOT EXCEED TWO (2) STORES IN HEIGHT.
- ALL PROPOSED IMPROVEMENTS SHALL BE CONSTRUCTED TO ST. LOUIS COUNTY, MO60T AND THE CITY OF CHESTERFIELD STANDARDS.
- ALL GRADING AND DRAINAGE TO BE IN CONFORMANCE WITH THE ST. LOUIS COUNTY, MSD AND CITY OF CHESTERFIELD STANDARDS.
- NO SLOPES WITHIN SAINT LOUIS COUNTY RIGHT-OF-WAY SHALL EXCEED 3 (HORIZONTAL) TO 1 (VERTICAL).
- STORM WATER SHALL BE DISCHARGED AT AN ADEQUATE NATURAL DISCHARGE POINT. SINKHOLES ARE NOT ADEQUATE DISCHARGE POINTS.
- AN ELEVATION CERTIFICATE WILL NEED TO BE COMPLETED FOR ANY STRUCTURE LOCATED WITHIN THE SUPPLEMENTAL PROTECTION AREA (SPA) AS DEFINED BY SECTION 405.05, FLOOD DAMAGE PREVENTION, OF THE CITY CODE.
- A SIGN PACKAGE IS REQUIRED FOR THIS DEVELOPMENT AND MUST BE APPROVED BY THE PLANNING COMMISSION.
- SETBACKS:
  - BUILDING SETBACKS:
    - 30 FEET FROM EASTERN BOUNDARY
    - 30 FEET FROM R.O.W. SPIRIT OF ST. LOUIS BLVD.
    - 30 FEET FROM R.O.W. CHESTERFIELD AIRPORT ROAD
    - 30 FEET FROM R.O.W. INTERSTATE 64 (U.S. 40-61)
  - PARKING SETBACKS:
    - 30 FEET FROM R.O.W. CHESTERFIELD AIRPORT ROAD
    - 30 FEET FROM THE INTERNAL DRIVEWAYS OR ROADWAYS
    - 15 FEET FROM PRINCIPAL INTERNAL STREET
    - 30 FEET FROM THE EAST AND WEST PROPERTY LINES OF THIS DEVELOPMENT
    - 30 FEET FROM THE R.O.W. INTERSTATE 64 (U.S. 40-61)
- LIGHT FIXTURES SHALL NOT EXCEED 20 FEET IN HEIGHT.
- PARKING CALCULATIONS:
 

HOTEL:	1 SPACE FOR EVERY UNIT (SECTION 405.04.040.07)
ACCESSORY USES:	168 UNITS = 168 SPACES REQUIRED
RESTAURANT/BAR:	40% OF REQUIREMENT (SECTION 405.04.040.07)
TOTAL REQUIRED:	12 SPC / 1000 S.F. = 4.8 SPC / 1000 S.F.
TOTAL PROVIDED:	5,400 S.F. AREA = 5.4 x 4.8 = 26 SPACES REQUIRED
	134 SPACES
	221 SPACES
	7 ADA SPACES PROVIDED (2 VAN ACCESSIBLE)
- OPEN SPACE CALCULATION:
 

LOT AREA	= 302,928 S.F.
BUILDING	= 48,843 S.F. (15.4%)
PAYMENT	= 176,791 S.F.
OPEN SPACE	= 155,571 S.F. (51.3%)
- FLOOR AREA RATIO:
 

TOTAL FLOOR SPACE/LOT AREA	= 176,791 S.F.
FLOOR AREA RATIO	= 0.58 F.A.R.
- TOTAL FLOOR SPACE/DEVELOPED PROPERTY:
 

TOTAL FLOOR SPACE/DEVELOPED PROPERTY	= 506,464 S.F./1,341,747 S.F. = 0.37 F.A.R.
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#### ST. LOUIS COUNTY BENCHMARK

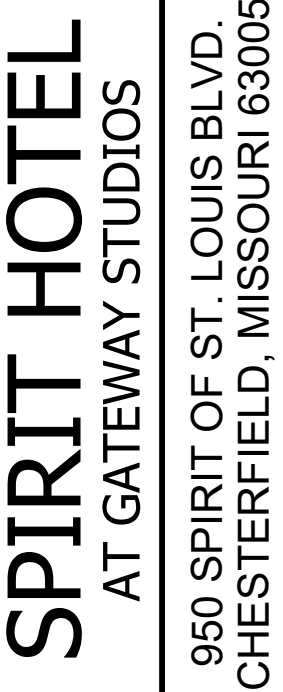
BENCHMARK# 11122  
 NGVD29 Elev = 465.47  
 Cut "L" on the northernmost corner of the concrete base for a metal traffic signal control box situated southeast of the right turn lane from northbound Spirit of St. Louis Boulevard onto eastbound Chesterfield Airport Road, roughly 76 feet east of the centerline of Spirit of St. Louis Boulevard, 79 feet south of the centerline of Chesterfield Airport Road, and 23 feet west of the southwest corner of Spirit Airport entrance sign.

#### SITE BENCHMARK

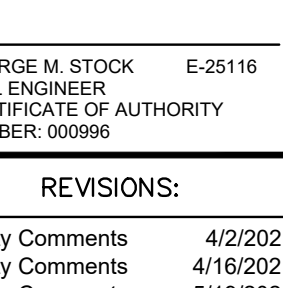
ELEV = 462.38  
 PND. OUT CROSS AT THE NORTHWEST INTERSECTION OF CHESTERFIELD AIRPORT ROAD AND SPIRIT COMMERCIAL DRIVE AS SHOWN HEREON.

PREPARED FOR:  
 GATEWAY STUDIOS, LLC  
 JENKINS & KLING, P.C.  
 150 NORTH MERAMEC AVE., SUITE 400  
 CLAYTON, MO. 63105  
 ATTN: MR. STEPHEN L. KLING, JR., ESQ.

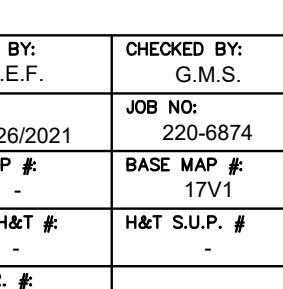
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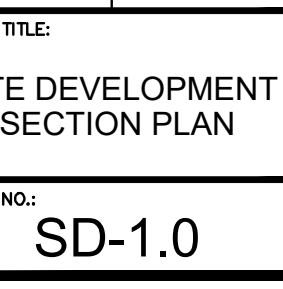
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PREPARED BY:



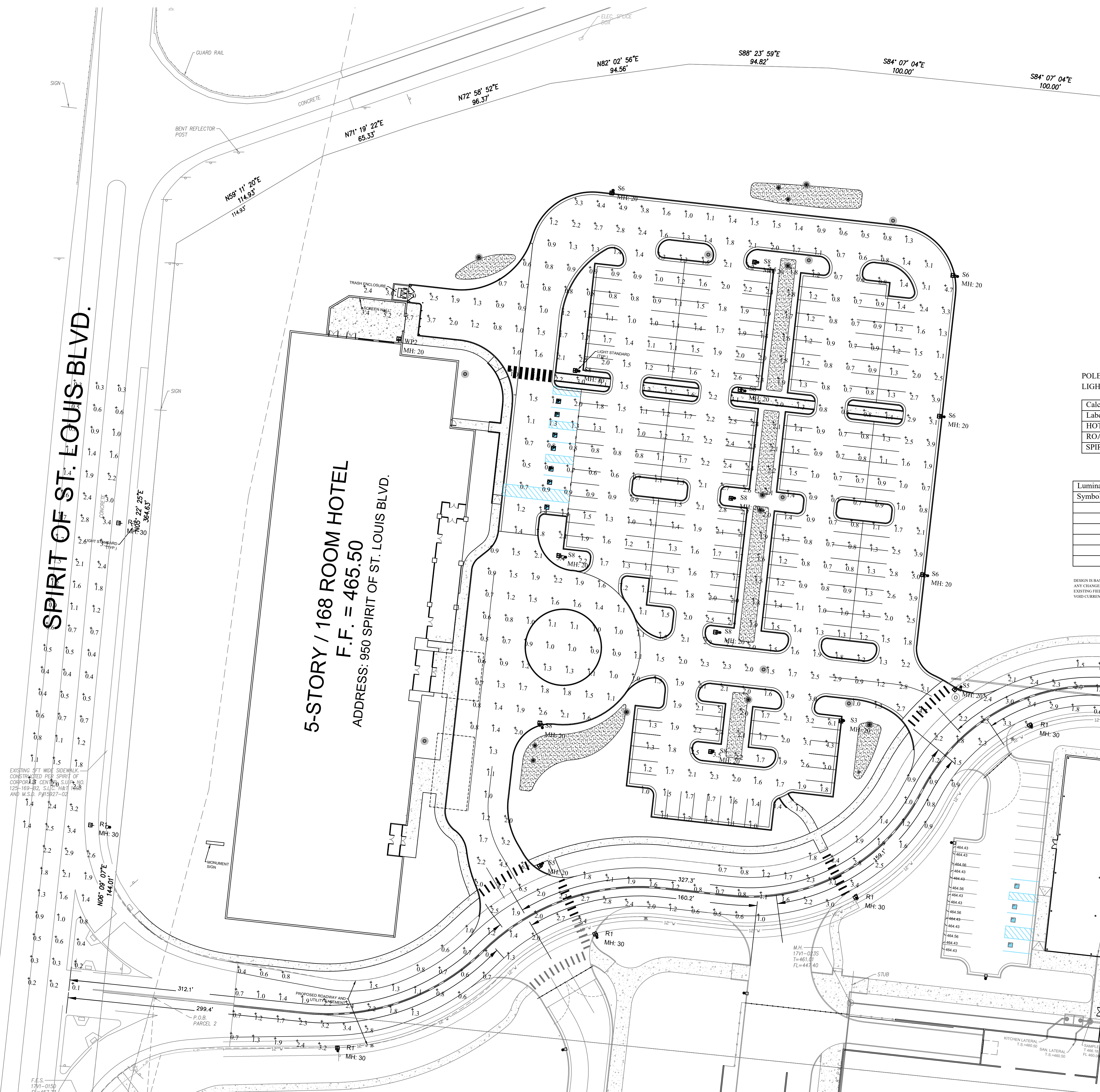
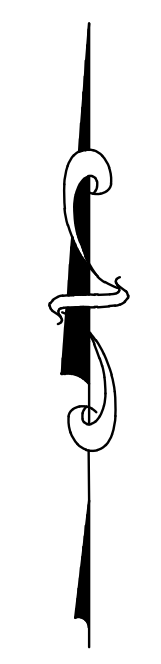
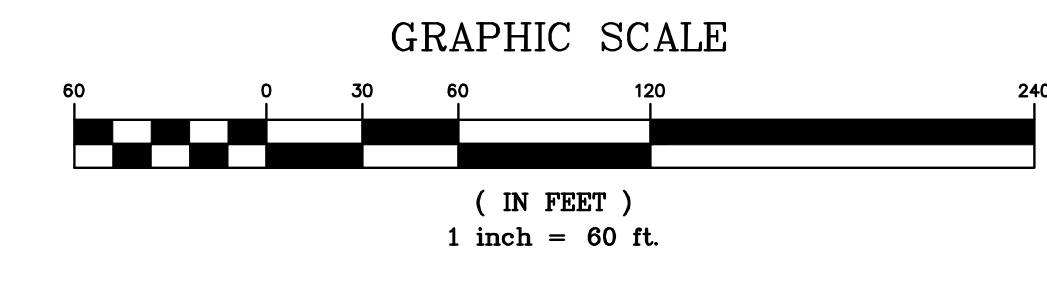
PREPARED BY:



SHEET NO. SD-1.0





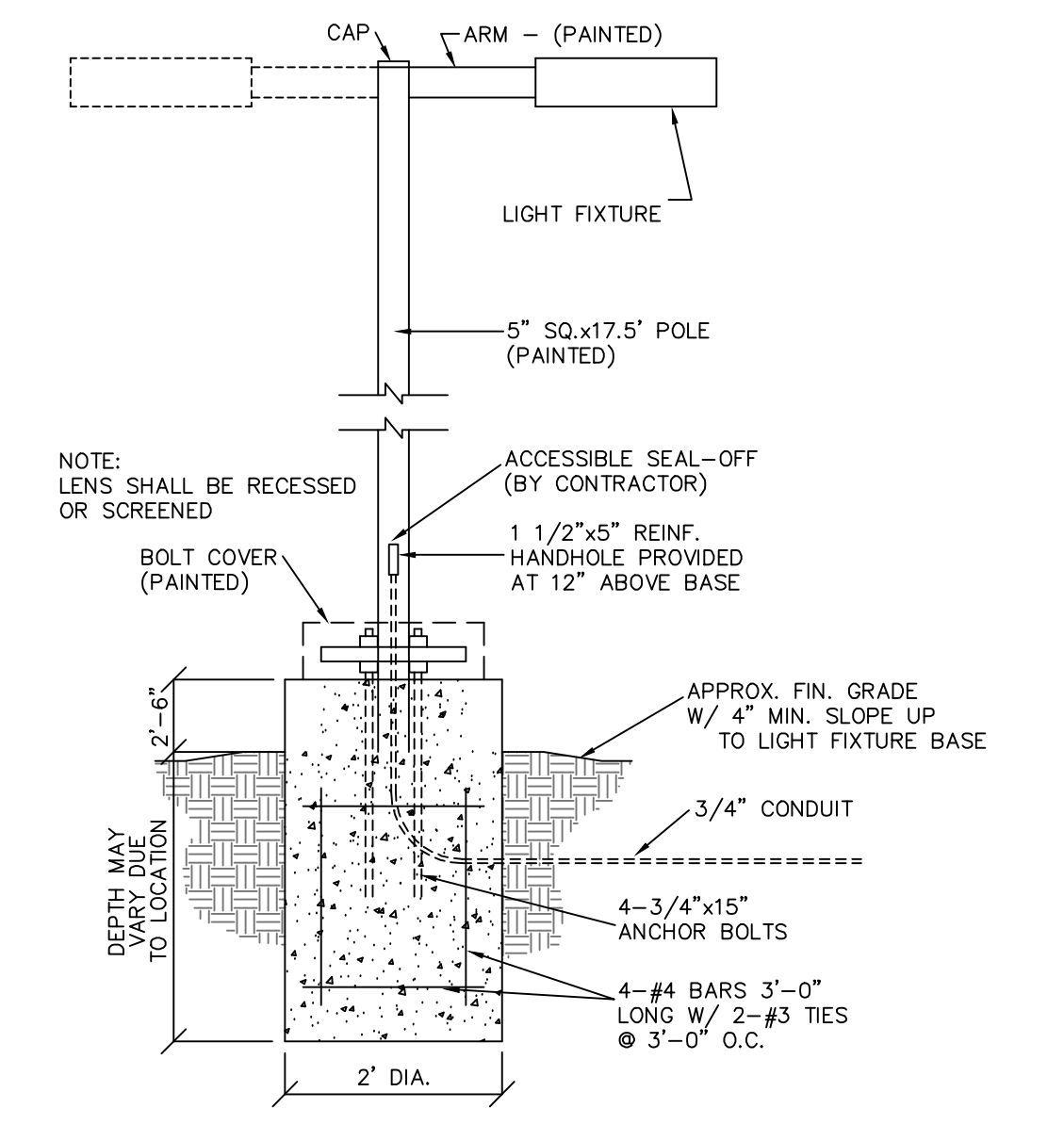


POLE FIXTURE MOUNTING HEIGHT INCLUDES BASE  
LIGHT LEVELS CALCULATED ON THE GROUND

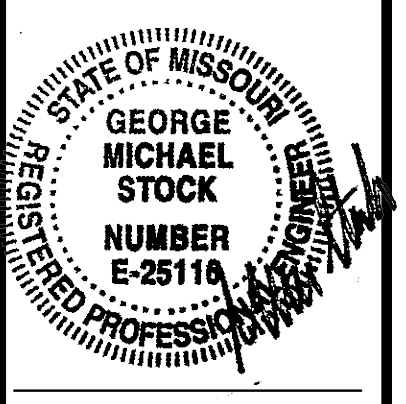
Label	Calc Type	Units	Avg	Max	Min	Avg/Min	Max/Min
HOTEL PARKING LOT	Illuminance	Fc	1.65	6.8	0.5	3.30	13.60
ROADWAY	Illuminance	Fc	1.70	3.4	0.4	4.25	8.50
SPIRIT OF ST LOUIS BLVD	Illuminance	Fc	1.31	3.4	0.1	13.10	34.00

Symbol	Qty	Label	Arrangement	LLF	Lum. Watts	Total Watts	Description
[Symbol]	13	R1	SINGLE	1.000	166	2158	GLEON-SA3C-740-U-T3
[Symbol]	1	S3	SINGLE	1.000	113	113	GLEON-SA2C-740-U-SL3
[Symbol]	2	S5	SINGLE	1.000	113	226	GLEON-SA2C-740-U-SLR
[Symbol]	4	S6	SINGLE	1.000	113	452	GLEON-SA2C-740-U-SL4-HSS
[Symbol]	8	S8	SINGLE	1.000	129	1032	GLEON-SA2D-740-U-SWQ
[Symbol]	1	WP2	SINGLE	1.000	113	113	GLEON-SA2C-740-U-SL3-WM

DESIGN BASED ON CURRENT INFORMATION PROVIDED AT THE TIME OF REQUEST. ANY CHANGES IN MOUNTING HEIGHT OR LOCATION, LAMP WATTAGE, LAMP TYPE AND EXISTING FIELD CONDITIONS THAT AFFECT ANY OF THE PREVIOUSLY MENTIONED WILL VOID CURRENT LAYOUT AND REQUIRE A CHANGE REQUEST AND RE-CALCULATION.



EXISTING SET WITH SUBMITTALS  
CONTRACTED FOR SPIRIT OF  
CORPORATION, 1225 S. 11TH AVENUE,  
ST. LOUIS, MO 63104  
123-169-862, SL-11-1481-1483  
AND M.S.D. P#15927-02



REVISIONS:

No.	Comments	Date
1	City Comments	4/2/2021
2	City Comments	4/16/2021
3	City Comments	5/19/2021

DRAWN BY: J.E.F.	CHECKED BY: G.M.S.
DATE: 02/26/2021	JOB NO. 220-8874
M.S.D. P.#	BASE MAP #
S.L.C. H.M.T.#	H.M.T. SUP.#
M.D.N.R.#	

SHEET TITLE:  
**SITE PHOTOMETRIC PLAN**

SHEET NO.:  
**PH-1**



SPRIT OF ST. LOUIS BLVD.

5-STORY / 168 ROOM HOTEL  
 F.F. = 465.50  
 ADDRESS: 950 SPIRIT OF ST. LOUIS BLVD.

NOTE: SEE SHEET L-3 FOR PLANTING PLANS @ BIO-RETENTION AREAS

TREE GROUPINGS:  
 A MINIMUM OF 20% OF TREES SHALL COME FROM THREE CATEGORIES: DECIDUOUS / ORNAMENTAL / EVERGREEN

TYPE	QTY	PERCENTAGE
DECIDUOUS:	64	50%
ORNAMENTAL:	94	24%
EVERGREEN:	56	26%

NOTE: NO PARKING SPACE SHALL BE FURTHER THAN FIFTY (50) FEET FROM A TREE.  
 STREET TREES: 1 per 50 LF FRONTAGE

• 1,074.65 LF FRONTAGE @ SPIRIT OF ST. LOUIS BLVD. REQUIRING 22 TREES @ 25' CALIPER. TWENTY TWO (22) TREES ARE PROPOSED

STREET TREES SHALL NOT BE PLANTED CLOSER THAN THREE (3) FEET FROM ANY CURB AND CLOSER THAN TWENTY FIVE (25) FEET OF STREET LIGHTS, STREET SIGNS AND INTERSECTIONS. NO TREES SHALL BE PLANTED WITHIN TEN (10) FEET OF STREET INLETS OR MANHOLES.

NO TREES OR OTHER OBSTRUCTIONS SHALL BE LOCATED WITHIN SIX (6) FEET OF FIRE HYDRANTS.

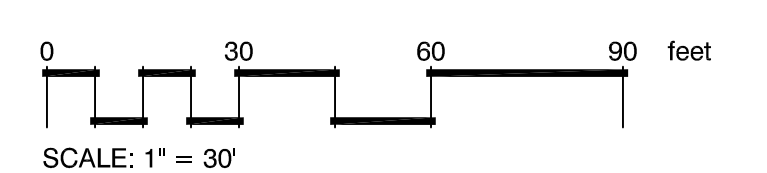
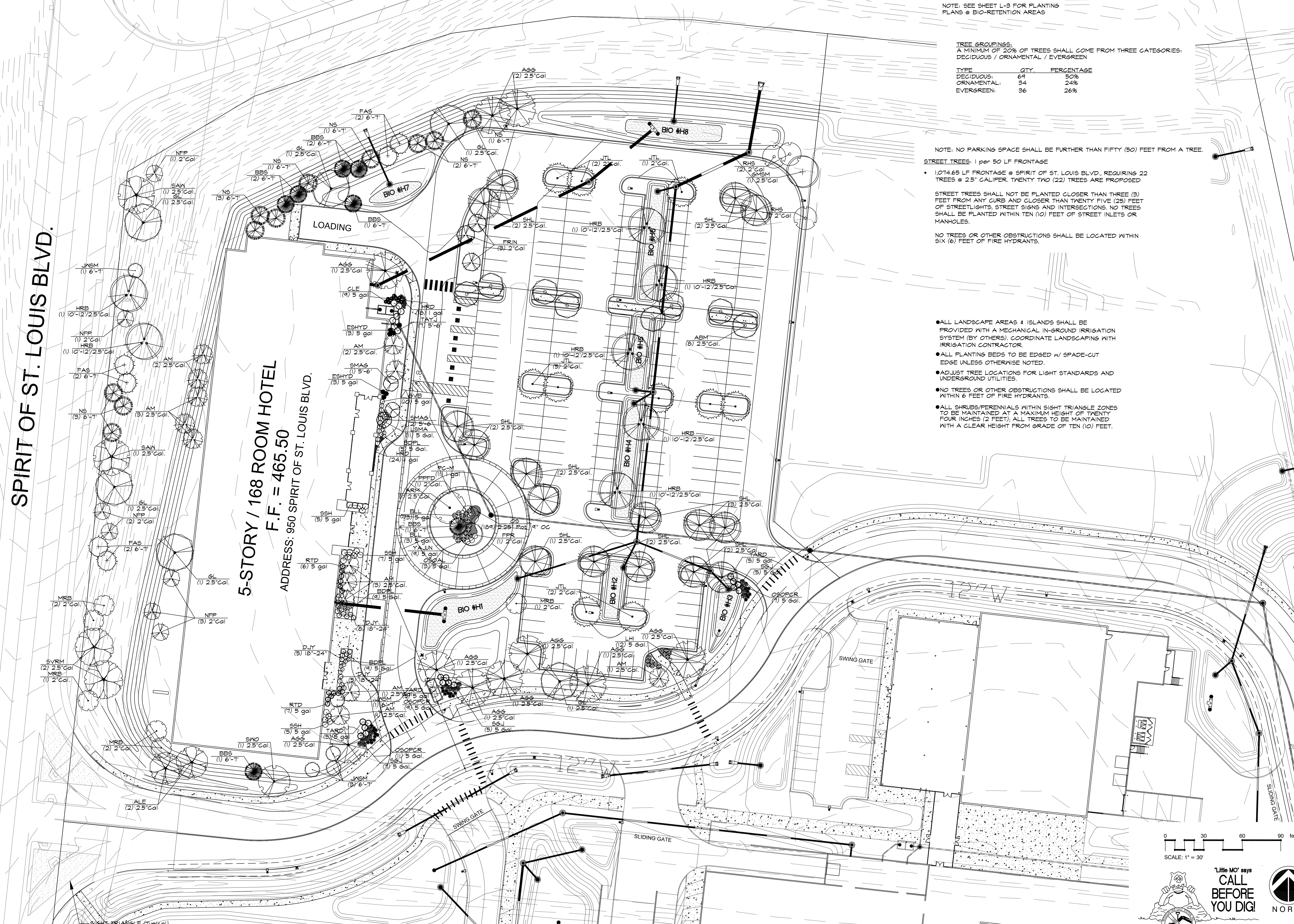
• ALL LANDSCAPE AREAS & ISLANDS SHALL BE PROVIDED WITH A MECHANICAL IN-GROUND IRRIGATION SYSTEM (BY OTHERS). COORDINATE LANDSCAPING WITH IRRIGATION CONTRACTOR.

• ALL PLANTING BEDS TO BE EDGED w/ SPADE-CUT EDGE UNLESS OTHERWISE NOTED.

• ADJUST TREE LOCATIONS FOR LIGHT STANDARDS AND UNDERGROUND UTILITIES.

• NO TREES OR OTHER OBSTRUCTIONS SHALL BE LOCATED WITHIN 6 FEET OF FIRE HYDRANTS.

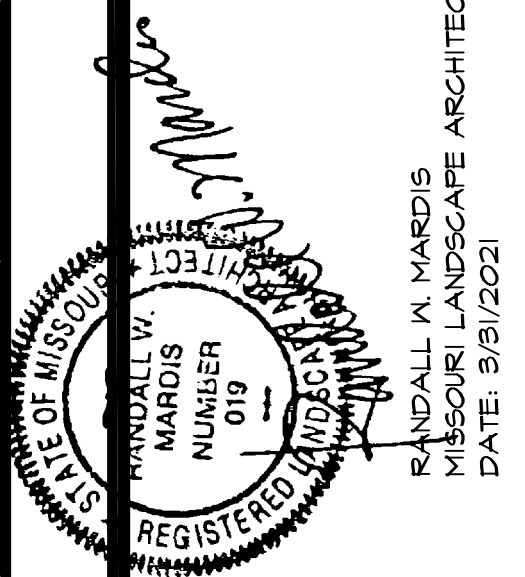
• ALL SHRUBS/PERENNIALS WITHIN SIGHT TRIANGLE ZONES TO BE MAINTAINED AT A MAXIMUM HEIGHT OF TWENTY FOUR INCHES (2 FEET); ALL TREES TO BE MAINTAINED WITH A CLEAR HEIGHT FROM GRADE OF TEN (10) FEET.



UNDERGROUND UTILITIES AND OSHA SAFETY 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. All O.S.H.A. rules and regulations established for the type of construction required by these plans shall be strictly followed (i.e. trenching, blasting, etc.)

REVISIONS	BY
9/9/2021	RAM

**Landscap**  
 TECHNOLOGIES  
 67 Jacobs Creek Drive  
 Chesterfield, MO 63005  
 Phone: 636-438-1250  
 Fax: 636-438-1251  
 Email: info@landscaptech.com



RANDALL N. MARDIS  
 MISSOURI LANDSCAPE ARCHITECT #000019  
 DATE: 9/9/2021

PLANTING PLAN FOR THE PROPOSED  
**Spirit Hotel**  
 950 SPIRIT OF ST. LOUIS BLVD. CHESTERFIELD, MO

DRAWN	R. MARDIS
CHECKED	RAM/EL
DATE	2/26/2021
SCALE	1"=30'-0"
JOB No.	2021-119
SHEET	

**L-1**  
 OF THREE SHEETS

**LANDSCAPE GUIDELINE SPECS:**

**GENERAL:**

- All natural vegetation shall be maintained where it does not interfere with construction plan of operation. Every effort possible shall be made to protect existing structures or vegetation from damage due to equipment usage. Contractor shall at all times protect all utilities (including but not limited to public) from damage.
- The landscape contractor shall be responsible for any coordination and sequencing with other site related work being performed by other contractors. Refer to additional drawings for further coordination of work to be done.
- Underground facilities, structures and utilities must be considered approximately only. There may be others not presently known or shown. It shall be the landscape contractor's responsibility to determine or verify the existence of and exact location of the above (Call utility location services in municipality).
- Plant material are to be planted in the same relationship to grade as was grown in nursery conditions. All planting beds shall be cultivated to 6" depth minimum and graded smooth immediately before planting of plants. Plant groundcover to within 12" of trunk of trees or shrubs planted within the area.
- It shall be the landscape contractor's responsibility to:
  - Verify all existing and proposed features shown on the drawings prior to commencement of work.
  - Report all discrepancies found with regard to existing conditions or proposed design to the landscape architect immediately for a decision.
  - Stake the locations of all proposed plant material and obtain the approval of the owner's representative or landscape architect ten (10) days prior to installation.
- Items shown on this drawing take precedence over the material list. It shall be the landscape contractor's responsibility to verify all quantities and conditions prior to implementation of the plan. No substitutions of types or size of plant materials will be accepted without written approval from the landscape architect. Provide single-stem trees unless otherwise noted in plant schedule.
- All plant material shall comply with the recommendations and requirements of ANSI Z601 "American Standards for Nursery Stock".
- It shall be the contractor's responsibility to provide for inspection of the plant material by the Landscape Architect (or Owner's Representative) prior to acceptance. Inspections may take place before, during or after installation. Plants not conforming exactly to the plant list will not be accepted and shall be replaced at the landscape contractor's expense.
- All bids are to have unit prices listed. The Owner has the option to delete any portion of the contract prior to signing the contract or beginning work. This will be a unit price contract; quotes shall be valid for 12 months.
- Should auger equipment be utilized in excavating any plant pits, vertical sides of plant pits shall be thoroughly scarified to avoid creation of "polished side walls" prior to plant material installation.
- All excess topsoil, rocks, debris and/or tainted soils shall be removed by the general contractor prior to point project is turned over to the landscape contractor to commence landscape installation.
- Keep all plant material (except turf) a minimum of 36" clear of fire hydrants.
- Landscape contractor shall kill & remove all existing weeds within the project site.
- All tags, nursery stakes, labels, etc. shall be removed by the landscape contractor at completion of all landscape installation.
- Landscape contractor shall be in compliance with all Federal, state and local laws / regulations relating to insect infestation and/or plant diseases.
- All substitutions of plant material shall be submitted to landscape architect for approval.

**PRUNING:**

- Lightly prune trees at time of planting. Prune only the crossover limbs, terminalized leaders and/or any broken branches. Some interior twigs and lateral branches may be pruned. However, do not remove the terminal buds of branches that extend to the edge of the crown.
- All pruning shall comply with ANSI A300 standards.

**INSURANCE:**

- The landscape contractor shall submit certificates of insurance for workman's compensation and general liability.

**MULCH:**

- All mulch to be shredded oak bark mulch at 3" depth (after compaction) unless otherwise noted. Mulch shall be clean and free of all foreign materials, including weeds, mold, deleterious materials, etc.
- No plastic sheeting or filter fabric shall be placed beneath shredded bark mulch beds. Miraf fabric shall be used beneath all gravel mulch beds. Lap fabric 6" over adjacent coverages.
- Edge all beds with spade-cut edge unless otherwise noted.

**MAINTENANCE:**

- Landscape contractor shall provide a separate proposal to maintain all plants, shrubs, groundcover, perennials and annuals for a period of 12 months after acceptance.
- Contractor shall ensure that only competent and trained personnel shall provide such services and that such services be provided in a timely manner.
- Watering of seeded or sodded lawns shall begin immediately and shall continue to be provided continuously for the following 72 hours. Regardless, the landscape contractor shall be responsible for all landscape maintenance until project turn-over.

**SIGHT TRIANGLES:**

- No landscape material or other obstructions shall be placed or be maintained within the sight distance area so as not to impede the vision between a height of thirty inches (30") and ten feet (10') above the adjacent street or paving surface.
- Sight triangles at the intersection of a public street and a private access way (except for single family residences) shall also be formed by measuring from the point of intersection of the street frontage curb and the entrance curb lines a distance of 35' and connecting the points so established to form the sight triangle area.

**TOPSOIL:**

- Topsoil mix for all proposed landscape plantings shall be five (5) parts well-drained screened organic topsoil to one (1) part Canadian sphagnum peat moss as per planting details. Retain till topsoil mix to a depth of 6" minimum and grade smooth.
- Provide a soil analysis, as requested, made by an independent soil-testing agency outlining the % of organic matter, inorganic matter, deleterious material, pH and mineral content.
- Any foreign topsoil used shall be free of roots, stumps, weeds, brush, stones (larger than 1"), litter or any other extraneous or toxic material. Landscape contractor shall be fully responsible for correcting all negative soil issues prior to plant installation. Killing and removal of all weeds shall be the responsibility of the landscape contractor as part of the task.
- Landscape contractor to apply pre-emergent herbicide to all planting beds upon completion of planting operations and before application of shredded bark mulch.
- Install siltation controls prior to commencement of any grading operations. Inspect and maintain all siltation fences on a weekly basis until vegetation is established.

**TURF:**

- All disturbed lawn areas to be seeded with a mixture of Turf-Type fescue (300# per acre) and bluegrass (18# per acre). Lawn areas shall be conditionally warranted for a period of 90 days from date of final acceptance. Bare areas more than one square foot per any 50 square feet shall be replaced.
- Seed and fertilization operations shall occur between May 1 and June 15th or between September 1 and October 15th unless directed by others in writing AND irrigation system is operating.
- Granular or pelleted fertilizer consisting of 50% water-insoluble slow release nitrogen, phosphorous and potassium in a 12-12-12 composition.
- The turf contractor shall be responsible for protection of finished grade, restore and repair any erosion or water damage and obtain owners' approval prior to seeding or sod installation.
- Landscape contractor shall offer an alternate price for sod in lieu of seed. Sod shall be cut at a uniform thickness of 3/4". No broken pieces, irregular pieces or torn pieces will be accepted.
- Any points carrying contaminated water, suds and all slopes of 15% or greater shall be sodded.
- All sod shall be placed a maximum of 24 hours after harvesting.
- Recondition existing lawn areas damaged by Contractor's operations including equipment/material storage and movement of vehicles.
- Sod Contractor to ensure sod is placed below sidewalk and all paved area elevations to allow for proper drainage.

**WARRANTY:**

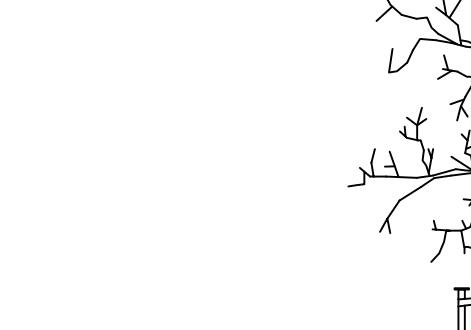
- All plant material (excluding ground cover, perennials and annuals) are to be warranted for a period of 12 months after complete installation of all landscape material at 100% of the installed price.
- Any plant material found to be defective shall be removed and replaced within 30 days of notification or in growth season determined to be best for that plant.
- Only one replacement per tree or shrub shall be required at the end of the warranty period, unless loss is due to failure to comply with the warranty.
- Lawn establishment period will be in effect once the lawn has been mowed three times. Plant establishment period shall commence on the date of acceptance and 100% completion.
- A written guarantee shall be provided to the owner per conditions outlined in #1 above.

**IRRIGATION GUIDELINE SPECS:**

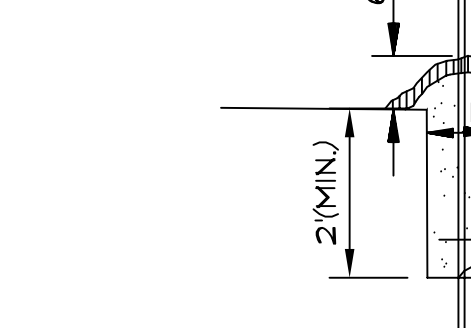
**GENERAL:**

- System shall be designed for 30 gpm @ 80 PSI. Contractor to field verify actual conditions.
- Exact tap, backflow and controller location to be coordinated with owner or owner's representative.
- All control wiring to be 14 ga. Minimum 3 extra strands to be installed in each direction from the controller to the end of the mainline.
- All piping to be sleeved in SCHED 40 PVC when passing under hardscape. PVC Sleeve to be a minimum of twice the size of pipe(s).
- Underground facilities, structures and utilities must be considered approximately only. There may be others not presently known or shown. It shall be the irrigation contractor's responsibility to determine or verify the existence of and exact location of the above (Call 1-800-DIG-RITE).
- It shall be the irrigation contractor's responsibility to:
  - Verify all existing and proposed features shown on the drawings prior to commencement of work.
  - Report all discrepancies found with regard to existing conditions or proposed design to the landscape architect immediately for a decision.

DETERMINE/MARK NORTH SIDE OF TREE IN NURSERY PRIOR TO DIGGING AND PLANT TO NORTH WHEN PLANTING ON-SITE

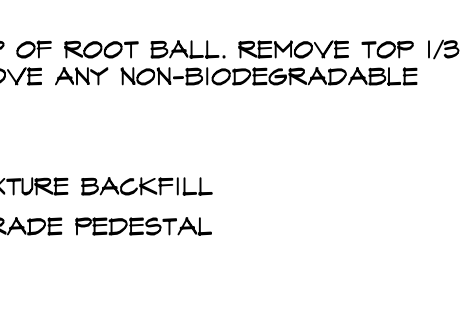


DO NOT CUT CENTRAL LEADER  
8" 2-PLY RUBBER HOSE  
DOUBLE STRAND 1/2 GAUGE WIRE COVERED W/2-PLY RUBBER HOSE PAINTED FLUORESCENT ORANGE  
WHITE FLAGGING (TYP.)  
TREE WRAP  
3 INCHES SHREDDED BARK MULCH  
4 INCH DEEP SAUCER  
8" STEEL TEE POST, SET PLUMB  
BACKFILL MIX  
UNDISTURBED SUBSOIL



FLARE OF TRUNK TO BE VISIBLE ABOVE SOIL LINE  
MIN. 6"

DETERMINE/MARK NORTH SIDE OF TREE IN NURSERY PRIOR TO DIGGING AND PLANT TO NORTH WHEN PLANTING ON-SITE  
SET TREE AT ORIGINAL GRADE - SHREDDED BARK MULCH @ 3" MINIMUM SOIL SAUCER. USE PREPARED TOPSOIL - 6" MINIMUM  
CUT ROPES @ TOP OF ROOT BALL. REMOVE TOP 1/3 OF BURLAP. REMOVE ANY NON-BIODEGRADABLE MATERIAL  
PREPARED ADMIXTURE BACKFILL  
PREPARED SUBGRADE PEDESTAL



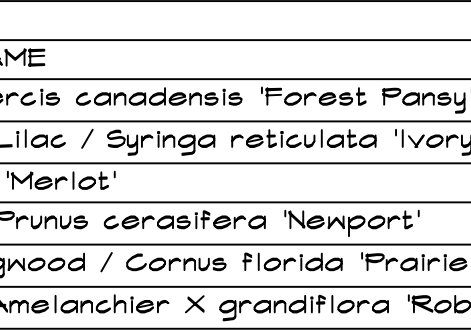
2X BALL DIAMETER MIN

DETERMINE/MARK NORTH SIDE OF TREE IN NURSERY PRIOR TO DIGGING AND PLANT TO NORTH WHEN PLANTING ON-SITE



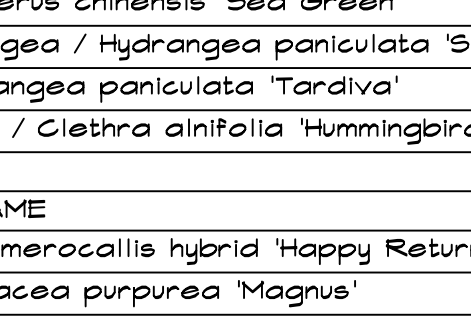
2X BALL DIAMETER MIN

DETERMINE/MARK NORTH SIDE OF TREE IN NURSERY PRIOR TO DIGGING AND PLANT TO NORTH WHEN PLANTING ON-SITE



2X BALL DIAMETER MIN

DETERMINE/MARK NORTH SIDE OF TREE IN NURSERY PRIOR TO DIGGING AND PLANT TO NORTH WHEN PLANTING ON-SITE



2X BALL DIAMETER MIN

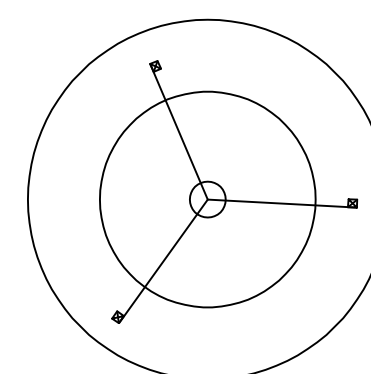
DETERMINE/MARK NORTH SIDE OF TREE IN NURSERY PRIOR TO DIGGING AND PLANT TO NORTH WHEN PLANTING ON-SITE



2X BALL DIAMETER MIN

**DECIDUOUS TREE PLANTING**

N.T.S.



PLAN

DO NOT CUT CENTRAL LEADER

8" 2-PLY RUBBER HOSE

DOUBLE STRAND 1/2 GAUGE WIRE COVERED W/2-PLY RUBBER HOSE PAINTED FLUORESCENT ORANGE

WHITE FLAGGING (TYP.)

TREE WRAP

3 INCHES SHREDDED BARK MULCH

4 INCH DEEP SAUCER

8" STEEL TEE POST, SET PLUMB

BACKFILL MIX

UNDISTURBED SUBSOIL

REMOVE BURLAP, WIRE & ROPE FROM TOP 1/3 OF THE BALL AFTER PLACEMENT IN PIT

PREPARED ADMIXTURE BACKFILL OR NATIVE SOIL

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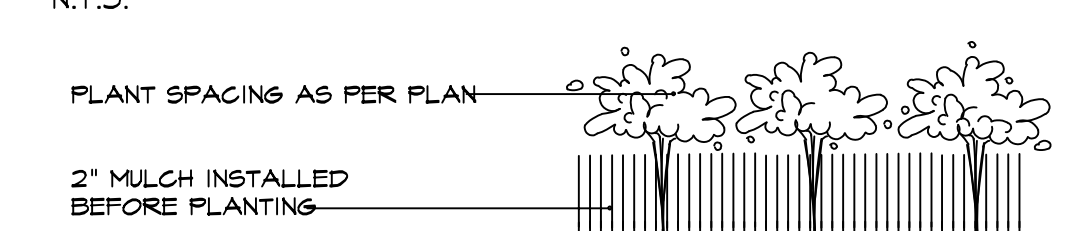
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**EVERGREEN TREE PLANTING**

N.T.S.



PLANT SPACING AS PER PLAN  
2" MULCH INSTALLED BEFORE PLANTING  
REMOVE SPENT FLOWERS PRIOR TO PLANTING. PREPARE BED AS PER PLANTING DETAILS  
PREPARE BED AS PER PLANTING DETAILS



2" MULCH INSTALLED BEFORE PLANTING

REMOVE SPENT FLOWERS PRIOR TO PLANTING. PREPARE BED AS PER PLANTING DETAILS

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**SPADE-CUT EDGE DETAIL**

N.T.S.



3" SHREDDED HARDWOOD BARK MULCH  
PREPARED PLANTING BED. SEE SHRUB PLANTING FOR DETAILS.  
EXISTING SUB-SOIL



3" SHREDDED HARDWOOD BARK MULCH

PREPARED PLANTING BED. SEE SHRUB PLANTING FOR DETAILS.

EXISTING SUB-SOIL

EXISTING SUB-SOIL

EXISTING SUB-SOIL

EXISTING SUB-SOIL

EXISTING SUB-SOIL

EXISTING SUB-SOIL

EXISTING SUB-SOIL

EXISTING SUB-SOIL

REVISIONS BY	
9/9/2021	RWM

**Landscaping TECHNOLOGIES**  
 67 JACOPE CREEK DRIVE  
 MISSOURI LANDSCAPE ARCHITECT #0000019  
 MO LANDSCAPE ARCHITECTURE CORPORATION #00000192

**RANDALL W. MARDIS**  
 MISSOURI LANDSCAPE ARCHITECT #0000019  
 REGISTERED  
 DATE: 9/9/2021

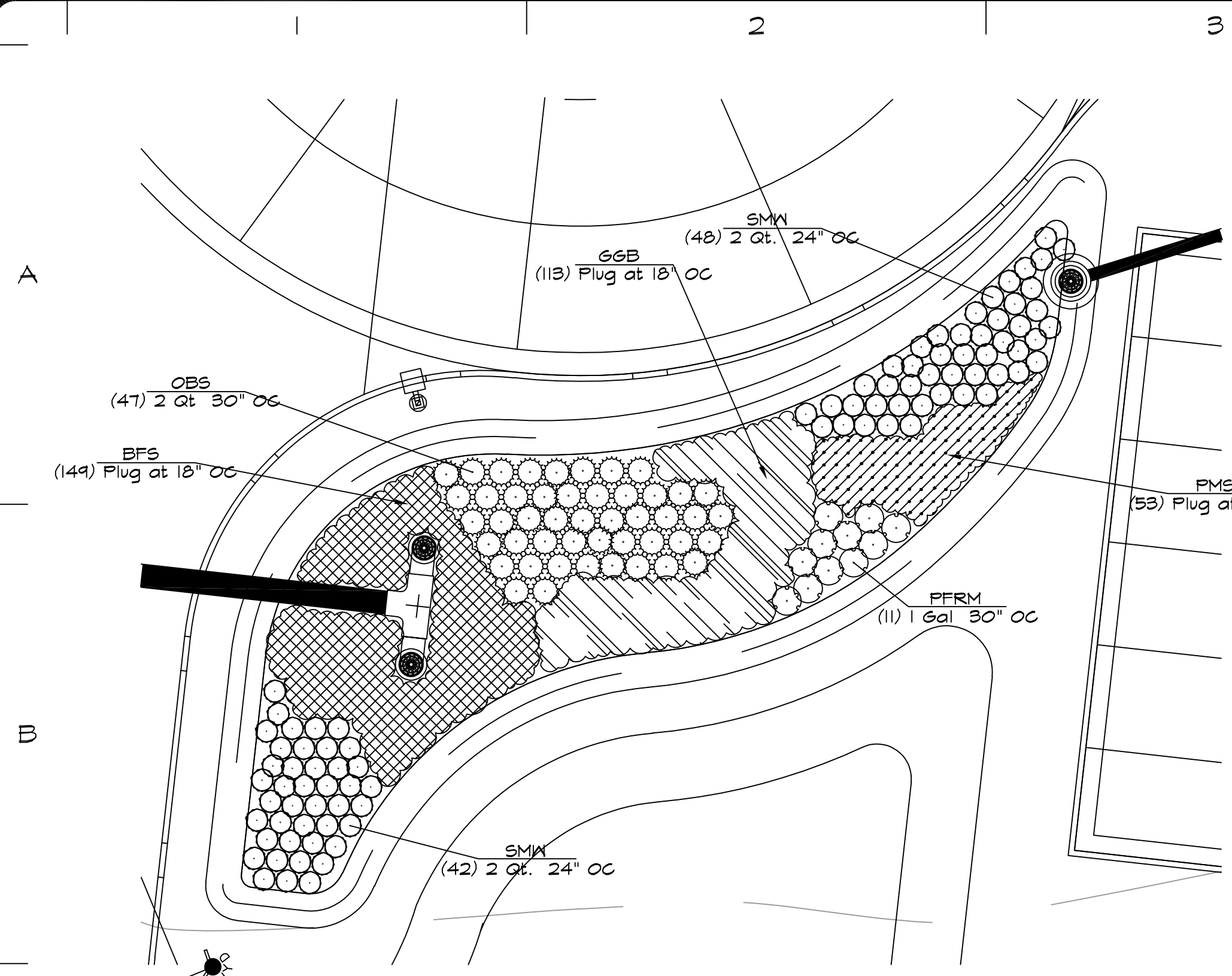
**PLANTING PLAN FOR THE PROPOSED Spirit Hotel**  
 950 SPIRIT OF ST. LOUIS BLVD. CHESTERFIELD, MO

**PLANTING, WATER and MULCH REQUIREMENTS**

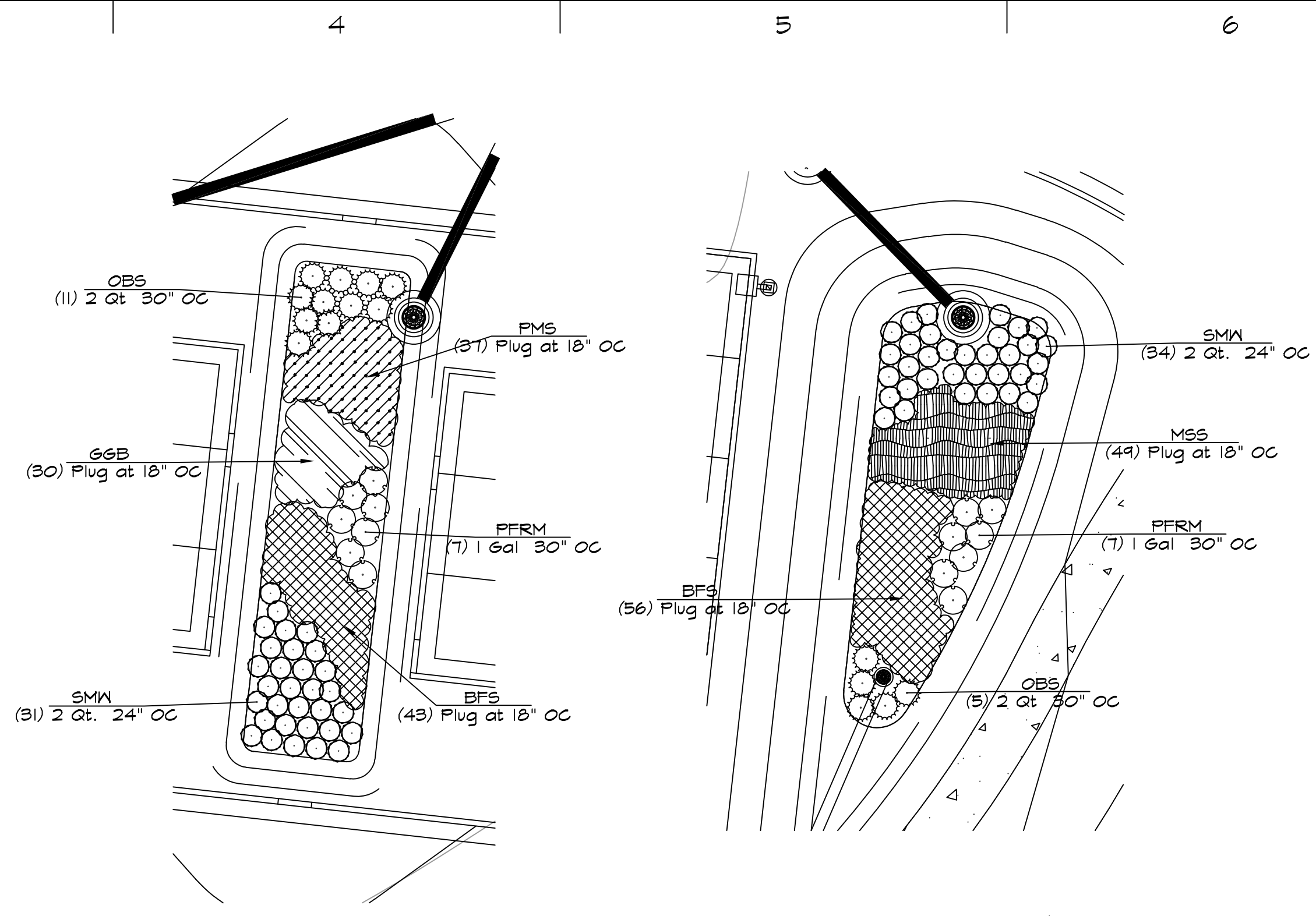
WATER AVAILABILITY	REQUIRED PLANTING PERIOD	MINIMUM CONTAINER SIZE	WATER REQUIREMENT FIRST 3 WEEKS	WATER REQUIREMENT AFTER 3 WEEKS	MAXIMUM MULCH DEPTH
NO AVAILABILITY TO WATER AFTER	LATE FEB. ONLY	2.25" x 3" ONLY	WATER EACH PLUG IMMEDIATELY	WATER EACH PLUG IMMEDIATELY	1.5" FOR PLUGS
MANUAL WATERING WITH STANDARD SPRINKLER	LATE FEB. LATE APRIL - EARLY OCTOBER	4.5" x 5" OR LARGER	1" (60 MIN) EVERY 3 DAYS	1" (60 MIN) EVERY 3 DAYS UNTIL PLANTS ESTABLISHED	1.5" FOR PLUGS 2.5" FOR QUARTS
IRRIGATION WATER AVAILABLE FREQUENTLY THAN TWO MONTHS AFTER PLANTING	LATE FEB. LATE OCTOBER	2.25" x 3" OR LARGER	1" (60 MIN) EVERY 3 DAYS IN SPRING AND FALL	1" (60 MIN) EVERY 3 DAYS UNTIL PLANTS ESTABLISHED	1.5" FOR PLUGS 2.5" FOR QUARTS

**NOTE:**  
 • ALL NATIVE GRASS PLUGS ARE TO BE A MINIMUM 4.5" DEEP X 2" DIAMETER  
 • CONTRACTOR TO PROVIDE GUARD AND SEALED SHOP DRAWINGS TO BE APPROVED BY THE PROJECT ENGINEER AND MSD. CONTACT MSD AT 636-355-3012  
 • DURING CONSTRUCTION, THE BIO-RETENTION AREAS MAY TRAP SEDIMENT. FINAL CONSTRUCTION AND PLANTING OF THE BIO-RETENTION AREAS SHALL BE COMPLETED AFTER SILT AND DEBRIS IS REMOVED.  
 • HEAVY EQUIPMENT SHALL BE KEPT OFF OF THE SOIL MIX DURING CONSTRUCTION OPERATIONS TO AVOID COMPACTING. FOOT TRAFFIC AND PRE-SOAKING TO AID NATURAL COMPACTION IS ALLOWABLE.  
 • SOIL pH SHALL FALL IN THE RANGE OF 5.5 AND 7.  
 • SEE CIVIL DRAWINGS FOR CROSS-SECTIONAL DETAILS OF MULCH AND SOIL MIXTURE.

**L-3**  
 OF THREE SHEETS

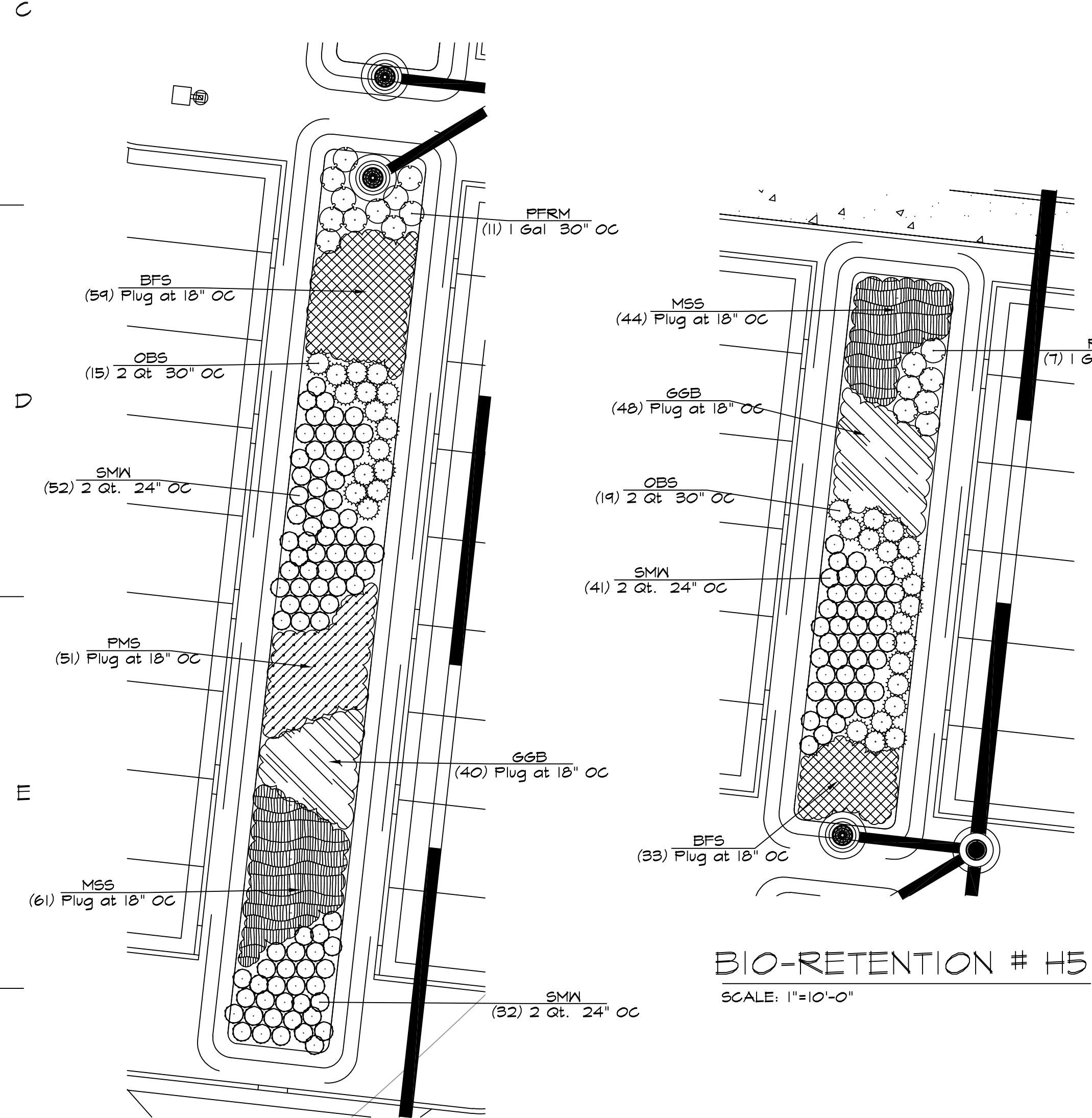


**BIO-RETENTION # H1**  
 SCALE: 1"=10'-0"



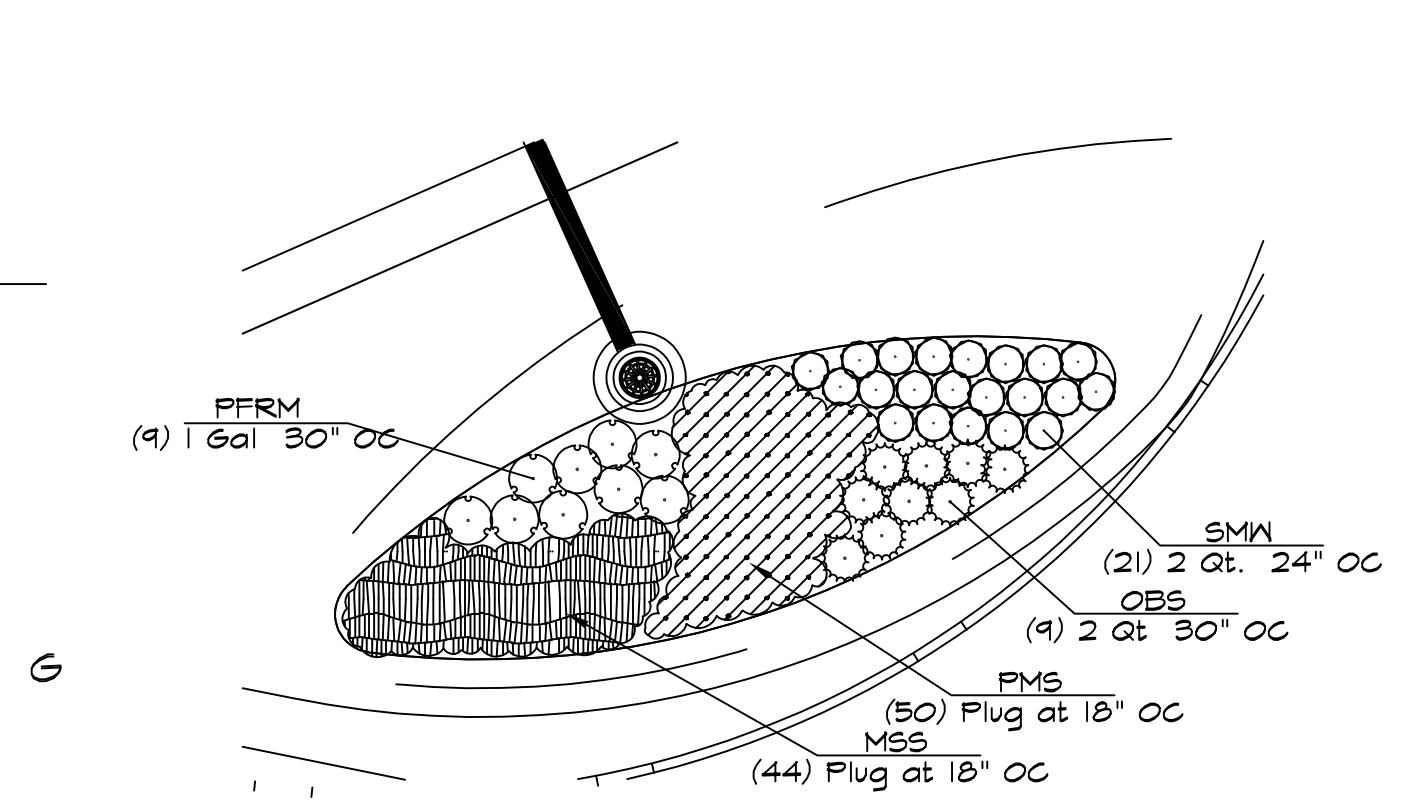
**BIO-RETENTION # H2**  
 SCALE: 1"=10'-0"

**BIO-RETENTION # H3**  
 SCALE: 1"=10'-0"

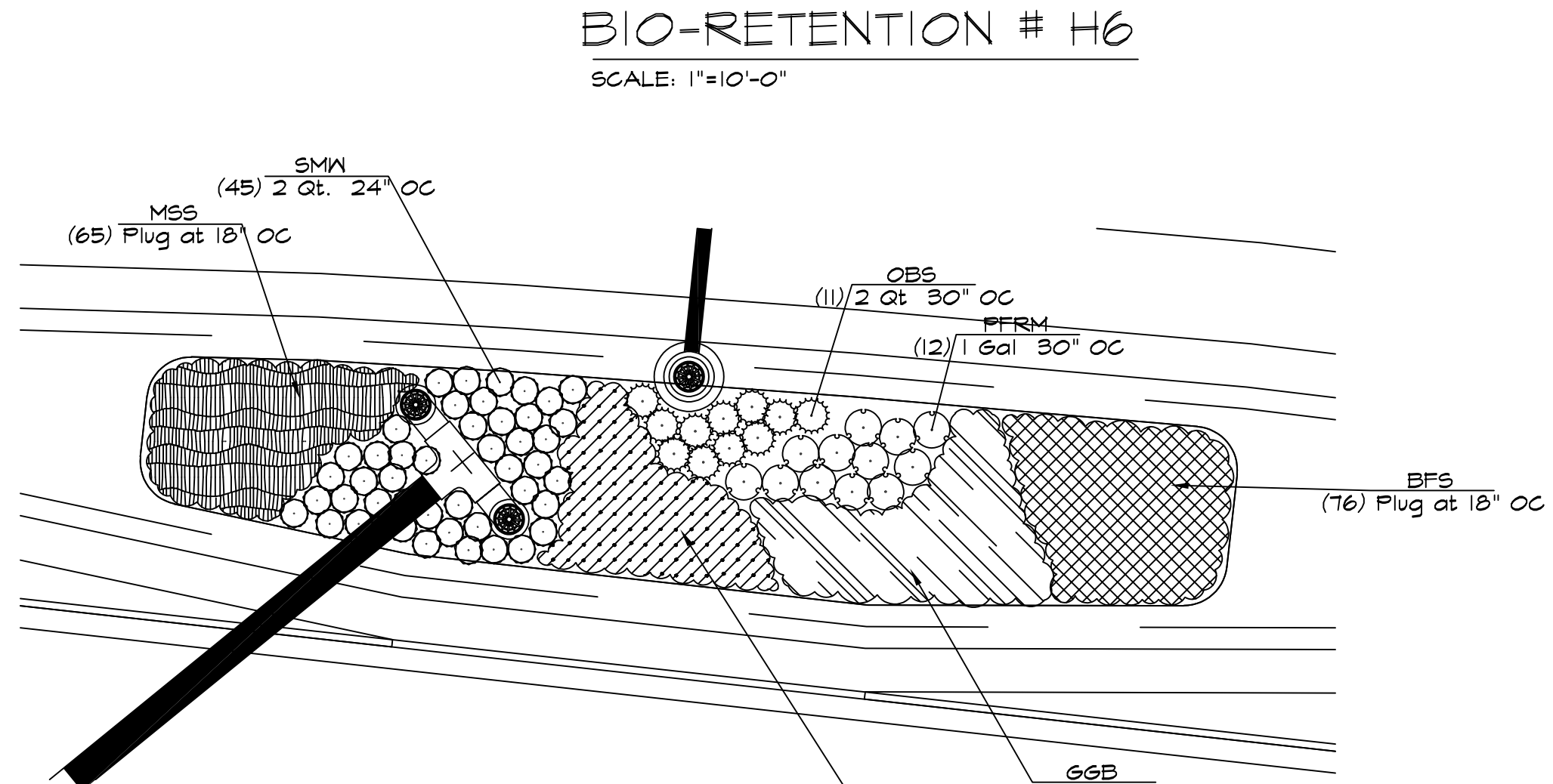


**BIO-RETENTION # H4**  
 SCALE: 1"=10'-0"

**BIO-RETENTION # H5**  
 SCALE: 1"=10'-0"



**BIO-RETENTION # H7**  
 SCALE: 1"=10'-0"



**BIO-RETENTION # H6**  
 SCALE: 1"=10'-0"

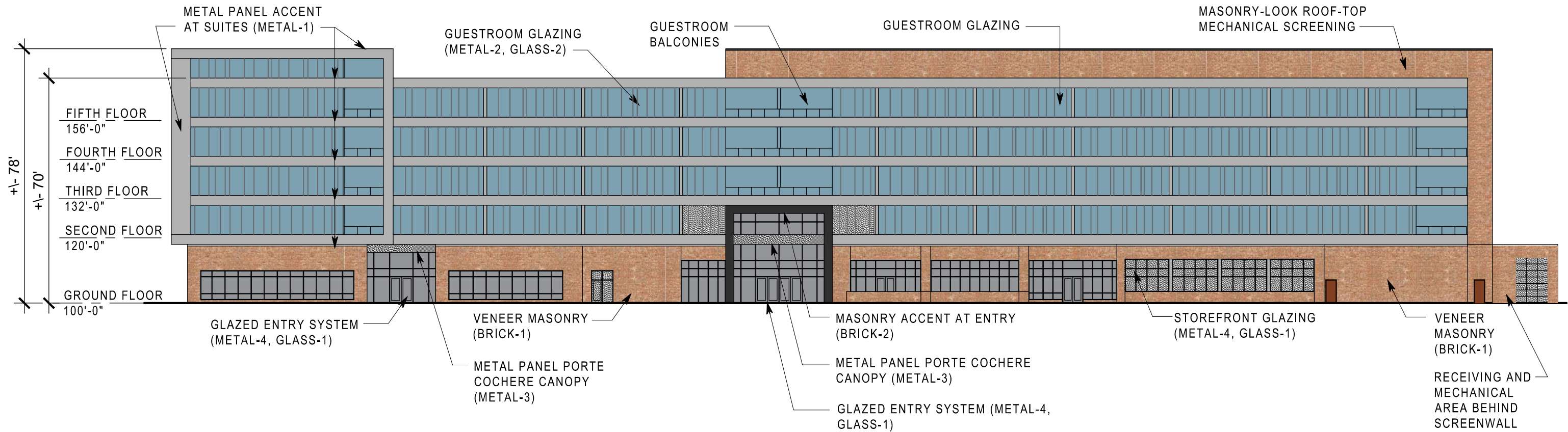
**BIO-RETENTION # H8**  
 SCALE: 1"=10'-0"

- PLUG PLANTING NOTES:**
- All plugs to be 4-1/2" deep X 2" diameter minimum.
  - Plugs are to be planted in a hole dug with a trowel, spade or planting bar such that the hole is of a minimum diameter and depth to accommodate the plug and its roots, without damage.
  - Plugs shall be spaced in a triangulated layout approximately 24" on center. Plugs shall be planted through erosion control blanket where appropriate.
  - Obtain plugs from a reputable nursery.
  - Water plugs upon completion of planting so that soil is moist but not saturated.
  - If planting is delayed more than six hours after delivery, store plugs in the shade, protect from weather and mechanical damage and keep them moist and cool. All plugs shall be planted within 24 hours after delivery.

**NOTE:**  
 • MSD BASE MAP  
 • PH  
 • ZIP CODE: 63005

# GATEWAY STUDIOS | CHESTERFIELD, MO

GMA JOB NUMBER: SJ2324 DATE:04.22.2021



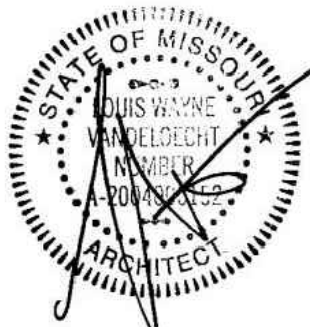
## HOTEL | EAST ELEVATION

1" = 30' (11X17 SHEET)

## MATERIAL LEGEND

BRICK-1	KANSAS BRICK AND TILE - 530 FLASH MODULAR
BRICK -2	ENDICOTT MANGANESE IRON SPOT
METAL-1	CADET GREY SKU:AB016-0304
METAL-2	OLD CASTLE 215 CLEAR CLASS 1
METAL-3	COLORCLAD SLATE GREY
METAL-4	OLD CASTLE BRONZE
GLASS-1	PPG SOLARBAN 60 (2) SOLARGRAY
GLASS-2	PPG SOLARBAN z50(2) OPTIBLUE

SEE PROVIDED MATERIAL SAMPLES WITH SUBMITTAL.



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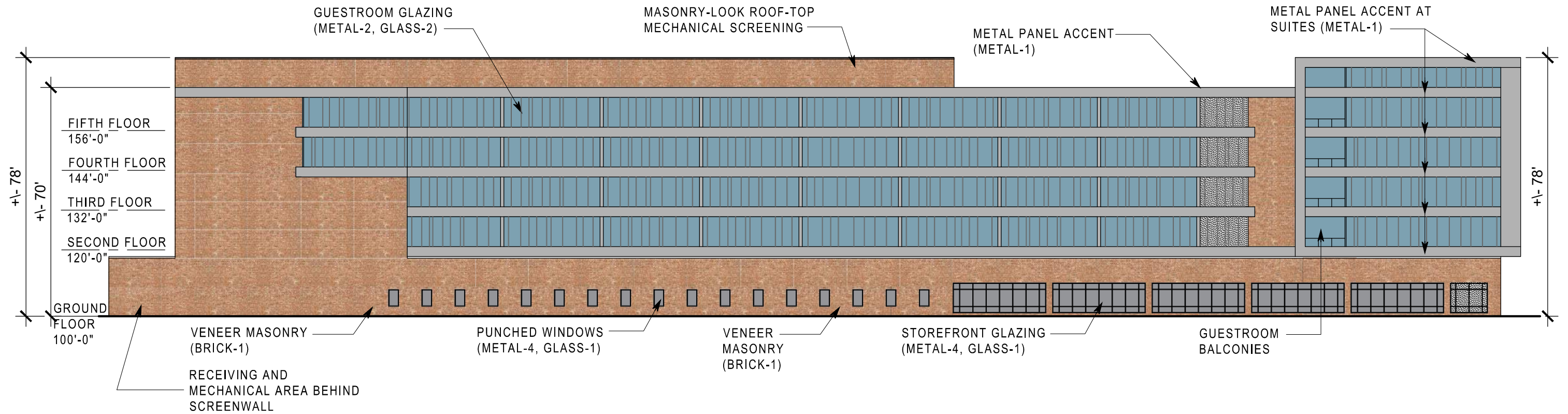


# A3.1

## HOTEL BUILDING EAST ELEVATION

# GATEWAY STUDIOS | CHESTERFIELD, MO

GMA JOB NUMBER: SJ2324 DATE:04.22.2021



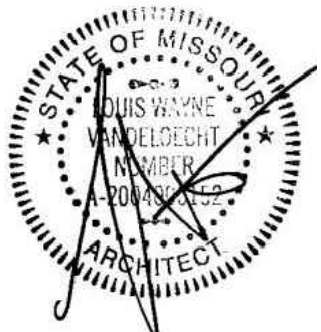
## HOTEL | WEST ELEVATION

1" = 30' (11X17 SHEET)

## MATERIAL LEGEND

BRICK-1	KANSAS BRICK AND TILE - 530 FLASH MODULAR
BRICK -2	ENDICOTT MANGANESE IRON SPOT
METAL-1	CADET GREY SKU:AB016-0304
METAL-2	OLD CASTLE 215 CLEAR CLASS 1
METAL-3	COLORCLAD SLATE GREY
METAL-4	OLD CASTLE BRONZE
GLASS-1	PPG SOLARBAN 60 (2) SOLARGRAY
GLASS-2	PPG SOLARBAN z50(2) OPTIBLUE

SEE PROVIDED MATERIAL SAMPLES WITH SUBMITTAL.



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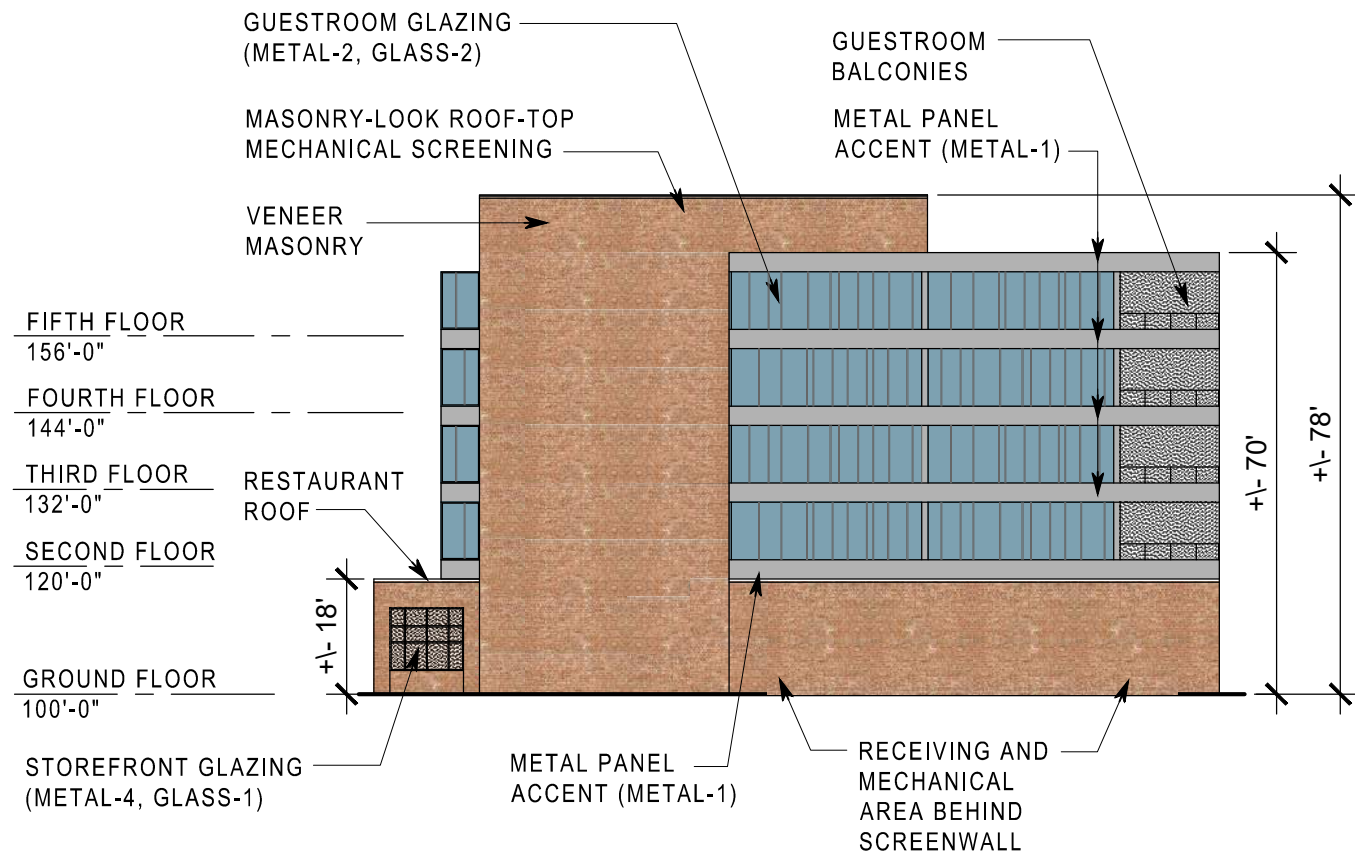


# A3.2

## HOTEL BUILDING WEST ELEVATION

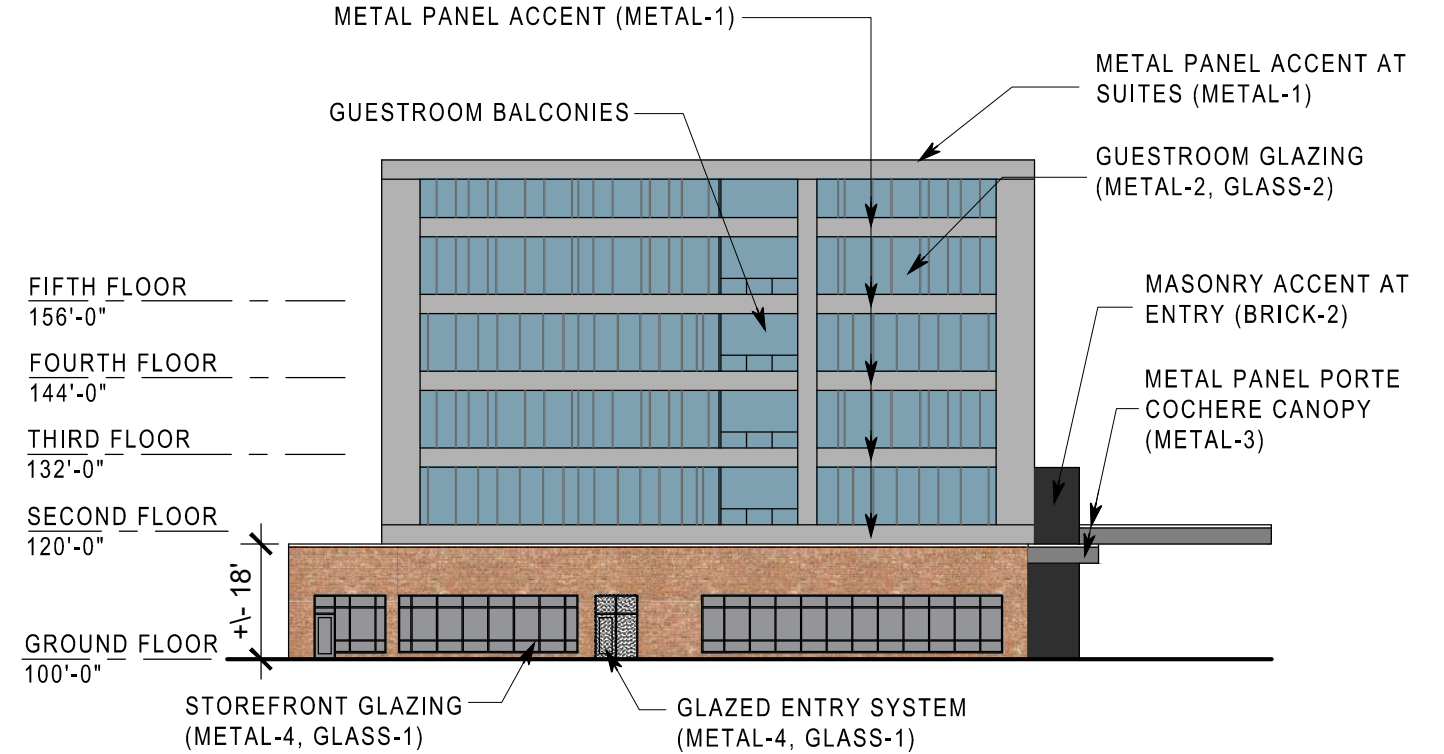
# GATEWAY STUDIOS | CHESTERFIELD, MO

GMA JOB NUMBER: SJ2324 DATE:04.22.2021



## HOTEL | NORTH ELEVATION

1" = 30' (11X17 SHEET)



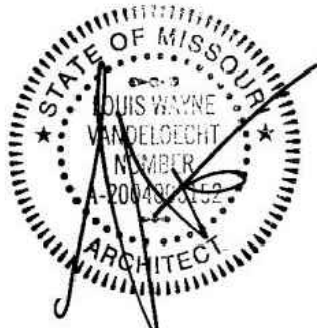
## HOTEL | SOUTH ELEVATION

1" = 30' (11X17 SHEET)

## MATERIAL LEGEND

BRICK-1	KANSAS BRICK AND TILE - 530 FLASH MODULAR
BRICK -2	ENDICOTT MANGANESE IRON SPOT
METAL-1	CADET GREY SKU:AB016-0304
METAL-2	OLD CASTLE 215 CLEAR CLASS 1
METAL-3	COLORCLAD SLATE GREY
METAL-4	OLD CASTLE BRONZE
GLASS-1	PPG SOLARBAN 60 (2) SOLARGRAY
GLASS-2	PPG SOLARBAN z50(2) OPTIBLUE

SEE PROVIDED MATERIAL SAMPLES WITH SUBMITTAL.



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CONCEPTUAL DRAFT ONLY

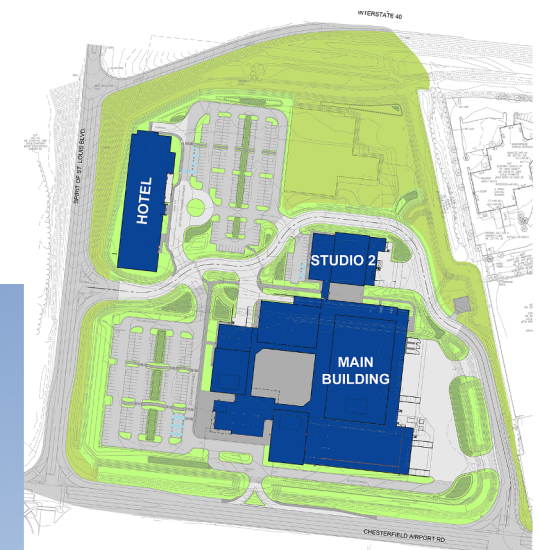
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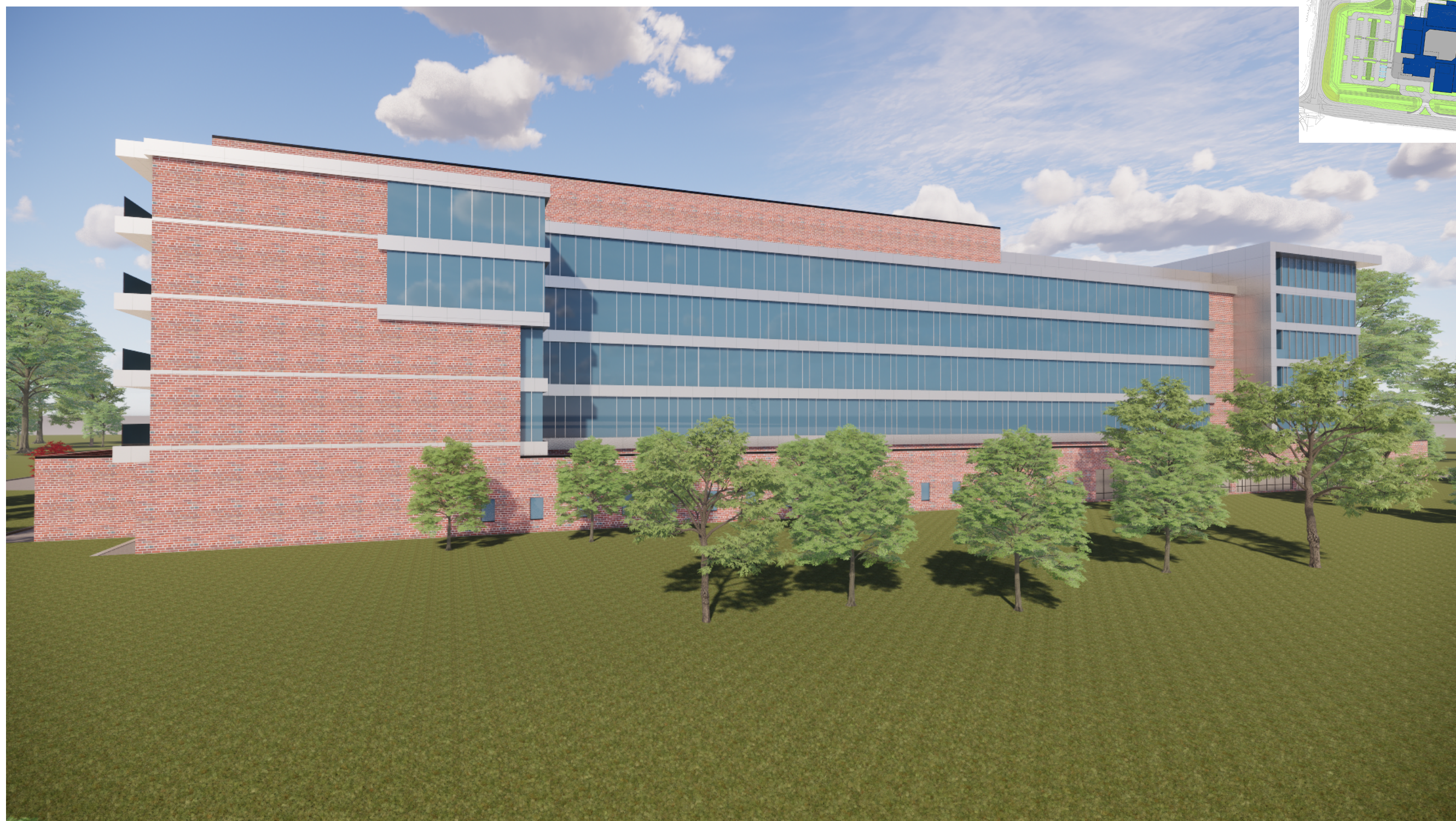
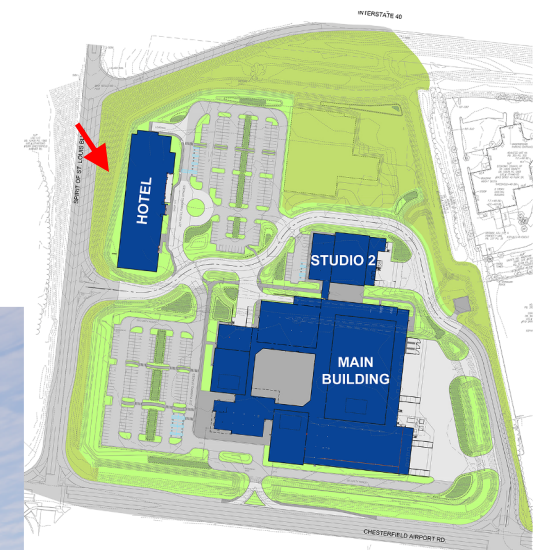
# A3.3

## HOTEL BUILDING NORTH & SOUTH ELEVATION





HOTEL



HOTEL

April 22, 2021

## **Architect's Statement of Design - Gateway Studios – The Spirit Hotel**

The Spirit Hotel is a 5-story boutique hotel serving both the Gateway Studios patrons and travelers alike. The ground floor offers the entry and check-in space, meeting facilities, back-of-house spaces, and a full-service restaurant with a covered outdoor patio. The upper floors house 168 hotel rooms, with a variety of Guest Rooms and Suites.

### **General Building Description**

The exterior walls of the Hotel are brick and glazing with metal accents. The main entry is designated by a drop-off area with a porte-cochere. The Hotel has been designed to frame sunrise views to the east and the sunset views to the west. A brick-look screen on the roof level conceals rooftop equipment.

### **Site**

-Desirable practices

A sidewalk connects the Hotel to the Gateway Studios Main Building and Studio 2 providing safe movement between structures. Just north of the main drop-off there is an exterior patio seating area with a trellis for sun screening. The northern delivery zone will be screened with construction similar to the building and there will be a landscape and vegetative island directly in front of the drop off area. Landscaping will be per Chesterfield standards/requirements.

### **Circulation system and access**

Lockable bicycle parking will be provided adjacent to the parking near the main entry of the hotel. Safe pedestrian circulation has been implemented at the Hotel as well as the neighboring studio buildings. This is accomplished while still maintaining appropriate secure access to all facilities on both lots. Visual striping at the cross walks in conjunction with to-be-approved signage will provide clear guidance for pedestrian circulation. This will also assure that circulation paths will not inadvertently cut through landscaped areas.

### **Topography**

The proposed site retains the natural grade while minimizing changes to the existing topography. Abrupt or unnatural appearances have been avoided in the grading design.

### **Retaining walls**

Presently there are no planned retaining walls.

### **Building Design**

-Scale

The Hotel size, proportions, design, and orientation are compatible with the directly adjacent studio facilities. The tallest portion of the studio is about 99 feet above ground floor level. The tallest portion of the hotel is 78 feet above ground floor level. While this is approximately a 21 foot difference the hotel height is present over the length of the building while the high point of the studio is only a portion of the overall structure.

Human scale design is achieved through the use of wall insets, balconies at several guestrooms, and window projections on the North and South Facades of the building.

### **Design**

At the main entry a Porte cochere provides protection for guest drop off. There is also an additional canopy at the secondary private entrance.

Roof top screening is provided on all visible sides and will be "of or like" the adjacent materials on the building.

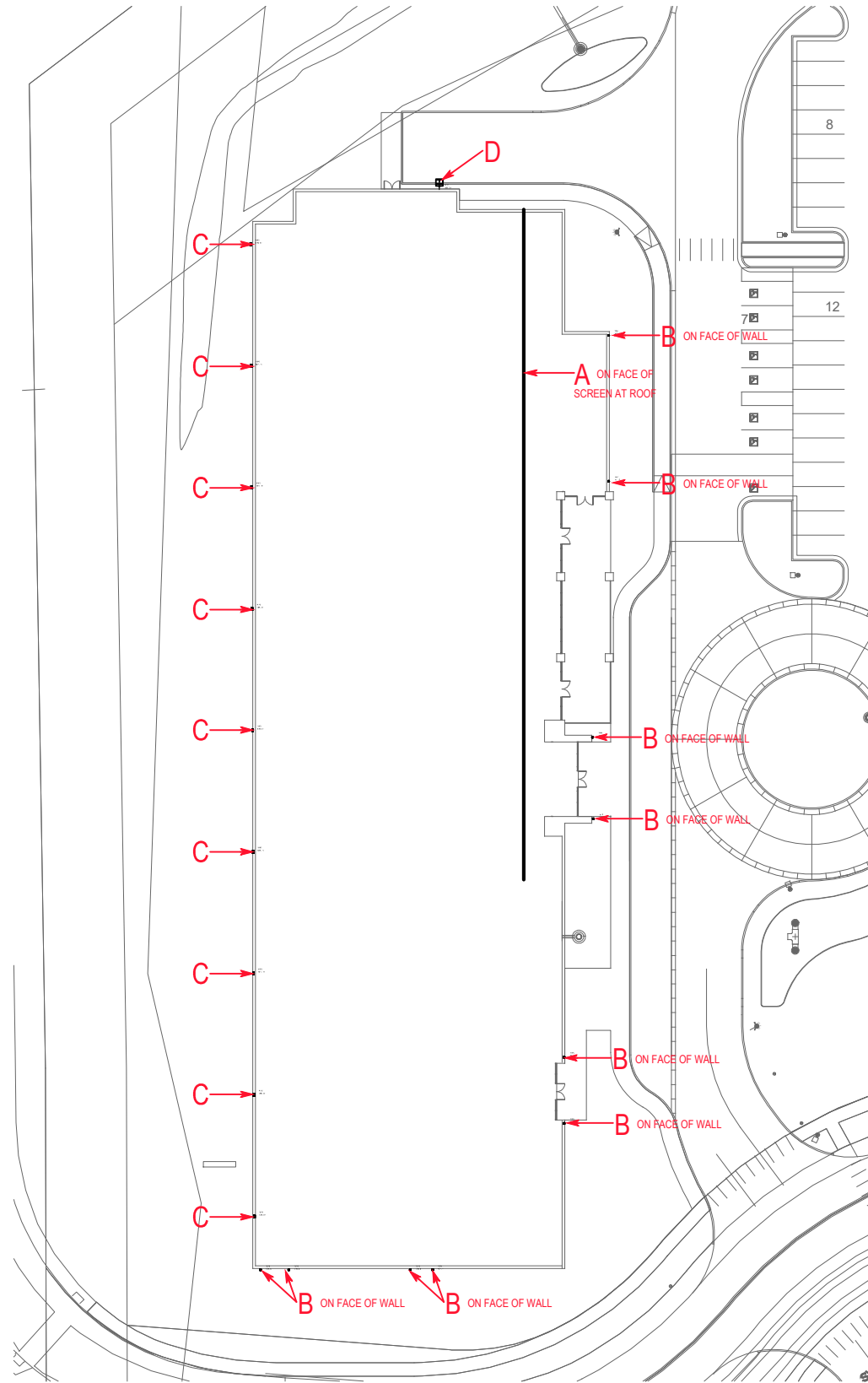
### **Materials and Color**

The hotel is comprised of a variety of durable materials which include masonry, prefinished aluminum panels, and prefinished aluminum window systems. All the prefinished alum materials will have a low reflective finish.

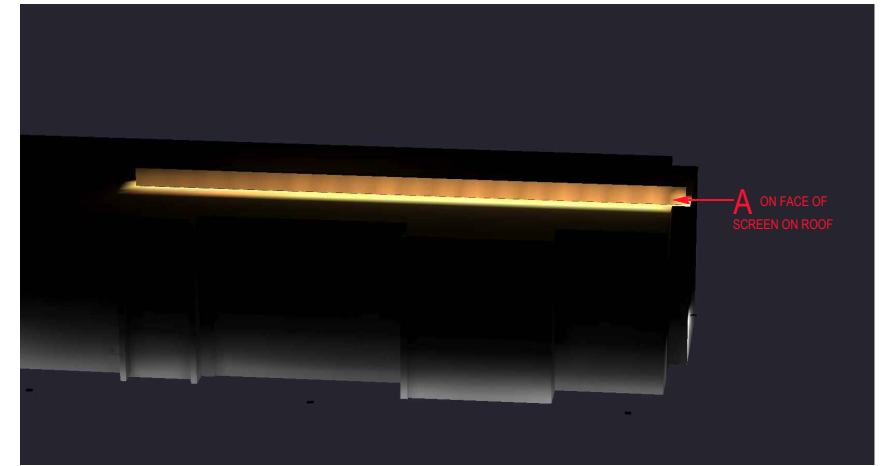
Contrasting paving surfaces for pedestrian access in large, paved areas occurs at the Hotel's main entry around the circular island.

### **Landscape Design and screening**

Tree and shrub plantings are grouped together throughout the site at the parking islands and around the perimeter of the hotel. The northern delivery zone will be screened with construction similar to the building. The landscaped islands with trees and/or shrubs are protected from pedestrian and/or motor traffic with curbs.



LIGHTING SCHEDULE		
TYPE	DESCRIPTION	
A	SCREEN LIGHTING @ ROOF	SEE BELOW EXHIBIT "A"
B	TYPICAL DECORATIVE WALL SCONCE	8' AFF
C	WALL MOUNTED LED FIXTURE	10' AFF
D	DELIVERY AREA LIGHTING	15' AFF



LIGHTING EXHIBIT "A" SHOWING LIGHT DOES NOT TRESPASS PAST THE COPING

# LIGHTING CUT SHEETS

FOR  
HOTEL

HOTEL

| ARB Submission

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GMA JOB NUMBER: SJ2324

DATE: 03.22.2021

## DESCRIPTION

The iO LED Line 2.0™ luminaire from Cooper Lighting Solutions is a low voltage linear accent LED luminaire ideal for illuminating both interior and exterior vertical surfaces. The 5°, 10°, 30°, 60° and 90° (both symmetrical and asymmetrical options available) optical distributions can be utilized for accent or general illumination and are designed for tight beam control to minimize stray light. Line 2.0™ is available in nominal 18", 36", 54" and 72" lengths. The variety of mounting options simplify installation and support a broad range of linear lighting applications.

<b>A</b>	<b>HOTEL</b>	Type
	<b>WALL MOUNTED WALL WASH AND ACCENT LIGHTING</b>	Date
Prepared by		

## SPECIFICATION FEATURES

### Construction

Line 2.0 is constructed of anodized extruded aluminum body and die cast end caps for a durable housing with UV stabilized acrylic optics.

### Electrical

4'-0" 14 AWG, 300 volt rated power cords supplied on one end of the fixture. For details on remote driver distance limitations and run length limits - see pg. 3.

### LED Optics

The customized acrylic optics offer very high transmissivity, UV stability and excellent longevity with optical symmetrical distribution options of 5, 10, 30, 60 and 90 degrees. Asymmetrical optics is also available. Please note acrylic optics should not be cleaned with IPA or other harsh chemicals. Acrylic can be safely cleaned with soap and

water. IES LM79 format files may be downloaded from [www.cooperlighting.com](http://www.cooperlighting.com). All products have an 80+ CRI. White light variance between LEDs is equal to or better than 3-step MacAdam binning.

### Mounting

Three mounting bracket options include: surface, wall and offset adjustable with lockable aiming. The luminaires can quickly be locked onto the brackets for easy installation. Adjustable mounting allows fixtures to be rotated 45° with lockable aiming (see details on page 3). Remote drivers are supplied with NEMA enclosures for power connection. To ensure proper performance, architectural details should allow for ventilation and air flow around the fixture. Ambient temperature surrounding the fixture shall not exceed 122°F (50°C).

### Finish

Anodized aluminum finish is standard. Custom anodized finishes available upon request.

### Compliance

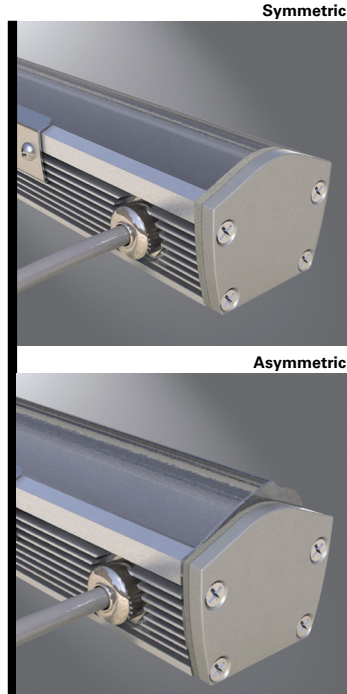
Outdoor fixtures are UL listed for wet locations. Indoor fixtures are UL listed for damp locations. All fixtures are RoHS compliant, and tested per IESNA LM79. LEDs comply with LM80 standards.

### Environment

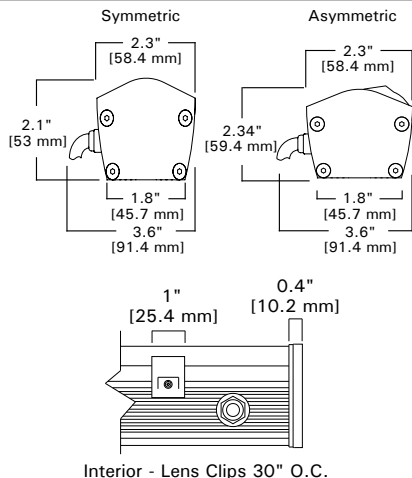
Line 2.0™ is UL rated for wet locations when an OD environment is specified. It is not rated for submersible applications. It should not be mounted in conditions where there is any standing water.

### Warranty

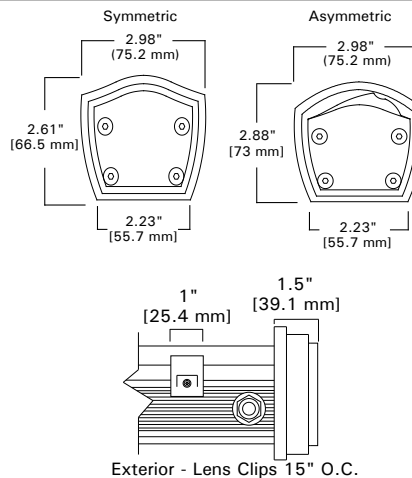
Standard five-year limited warranty.



## DIMENSIONS INTERIOR / END CAP DETAILS



## DIMENSIONS EXTERIOR / END CAP DETAILS



## LINE 2.0 LED

INTERIOR / EXTERIOR  
LINEAR ACCENT LUMINAIRE  
Symmetric / Asymmetric



IP65  
cULus Damp / Wet - 1598  
LM79/LM80 Compliant  
ROHS Compliant

## ORDERING INFORMATION

SAMPLE NUMBER 0.05-06W-830-30-ID-HCD-UNV-AN-AM-1-E-7F6

Series	Light Level <sup>1</sup> / Power (nominal for 12" section)	LED CRI & CCT	Optical Distribution	Environment	Driver <sup>2</sup>
0.05 = iO Line 2.0	<b>03W</b> = 286 lumens/ft (3.9W/ft) <b>06W</b> = 478 lumens/ft (6.6W/ft) <b>09W</b> = 649 lumens/ft (9.4W/ft) <b>12W</b> = 744 lumens/ft (12.1W/ft)	<b>827</b> = 80+ CRI, 2700K CCT <b>830 = 80+ CRI, 3000K CCT</b> <b>835</b> = 80+ CRI, 3500K CCT <b>840</b> = 80+ CRI, 4000K CCT	<b>5</b> = 5 degree <b>10</b> = 10 degree <b>30</b> = 30 degree <b>60</b> = 60 degree <b>90SYM</b> = 90 degree - Symmetric <b>90ASYM</b> = 90 degree - Asymmetric	<b>ID</b> = Indoor fixture, NEMA 1 driver enclosure included  <b>OD</b> = Outdoor fixture, NEMA 4x driver enclosure included	<b>STD</b> = 96 W, 0-10V (100% - 10% dimming) <b>HCD</b> = 96 W, 0-10V (100% - 0% dimming)
Voltage	Housing Color <sup>3</sup>	Mounting	Driver Location <sup>4</sup>	Length <sup>2.5</sup> (Actual in./mm) (Specify Run or Individual fixture)	
UNV = 120V-277V	AN = Standard anodized aluminum	SM = Surface mount WM = Wall mount AM = Adjustable mount	E = End driver location	___F_ = specify nominal run length in feet and inches (only available in 18" increments) (e.g. 7F6 = 7' 6" run)  Or select individual fixtures: <b>1F6</b> = 18" (17.71"/449.83mm) <b>3F0</b> = 36" (34.71"/881.63mm) <b>4F6</b> = 54" (51.71"/1313.43mm) <b>6F0</b> = 72" (68.71"/1745.23mm)	

See page 5 for Technical Notes.

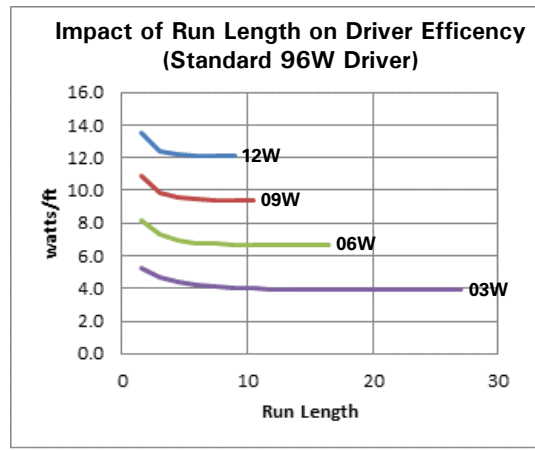


Cooper Lighting Solutions  
18001 East Colfax Avenue  
Aurora, CO 80011  
P: 303-393-1522  
[www.cooperlighting.com](http://www.cooperlighting.com)

Specifications and dimensions subject to change without notice. See additional information on the following pages.

**LIGHT OUTPUT TABLE**

Input, W (Includes driver losses) for max run length	Delivered Lumens/ft. per Optical Distribution						
	CCT	5°	10°	30°	60°	90 SYM	90 ASYM
03W = 3.9 W/ft	2700	213	222.9	252.5	209.9	259	98
	3000	227.8	238.4	270.1	224.5	276	105
	3500	236.9	247.9	280.9	233.5	288	109
	4000	241.4	252.7	286.3	238	293	111
06W = 6.6 W/ft	2700	355.8	372.5	421.9	350.8	432	238
	3000	380.6	398.3	451.2	375.2	462	255
	3500	395.8	414.3	469.3	390.2	480	265
	4000	403.4	422.2	478.3	397.7	490	270
09W = 9.4 W/ft	2700	482.9	505.5	572.6	476	586	332
	3000	516.5	540.6	612.4	509.1	627	355
	3500	537.1	562.2	636.9	529.5	652	369
	4000	547.5	573	649.1	539.7	665	377
12W = 12.1 W/ft	2700	553.4	579.2	656.1	545.5	672	567
	3000	591.9	619.5	701.7	583.4	718	607
	3500	615.5	644.3	729.8	606.8	747	631
	4000	627.4	656.7	743.8	618.4	762	643

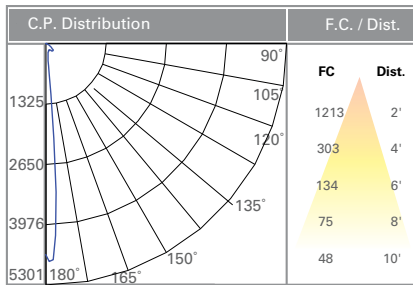


**LIGHT OUTPUT CONVERSION TABLE**

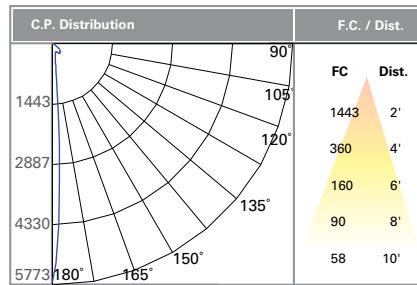
CCT	03W	06W	09W	12W
2700K	0.34	0.57	0.77	0.88
3000K	0.36	0.61	0.82	0.94
3500K	0.38	0.63	0.86	0.98
4000K	0.39	0.64	0.87	1.00

**LIGHT OUTPUT / DISTRIBUTION SYMMETRIC**

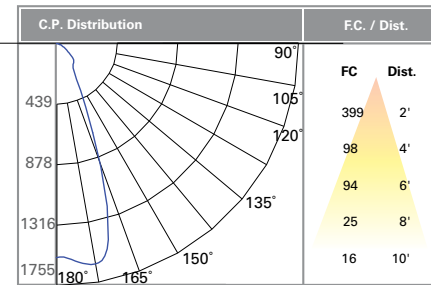
36" 4000K, 12W 5 Degree\*



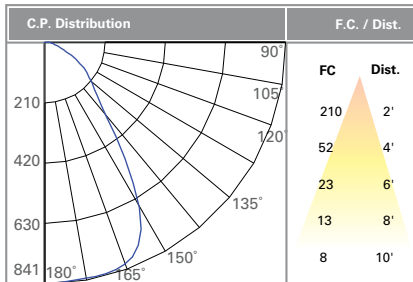
36" 4000K, 12W 10 Degree\*



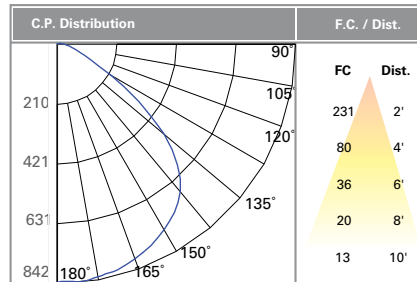
36" 4000K, 12W 30 Degree\*



36" 4000K, 12W 60 Degree\*

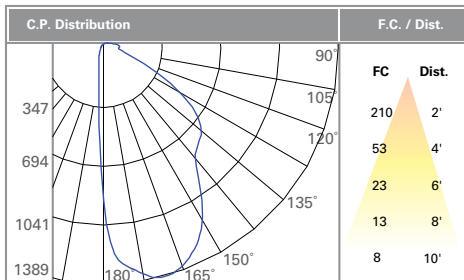


36" 4000K, 12W 90 Degree Symmetric\*



**LIGHT OUTPUT / DISTRIBUTION ASYMMETRIC**

36" 4000K, 12W 90 Degree Asymmetric\*



\*Note: Light output / distributions based on IES file

**INSTALLATION DETAILS**

**Max Run Length**

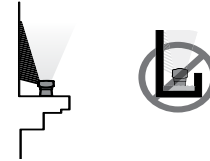
96W Driver	E = End of Driver Location
line 2.0 - 03W	26' (7.92 m)
line 2.0 - 06W	17' (5.18 m)
line 2.0 - 09W	12' (3.66 m)
line 2.0 - 12W	8' (2.44 m)

**Max Allowable Remote Driver Distance by Wire Diameter**

Wire Diameter	Max Allowable Remote Driver Distance
12 AWG	71'-0" (21.6m)
14 AWG	46'-0" (14.0m)
18 AWG	18'-0" (5.5m)

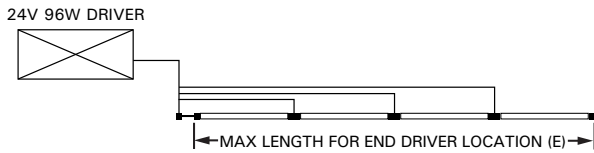
NOTE: Line 2.0™ from iO Lighting is UL listed for wet locations when OD is specified. It is not rated for submersible applications. Line 2.0 should not be mounted in conditions where the fixture could be exposed to standing water.

Ambient temperature surrounding the fixture shall not exceed 122° F (50°C)



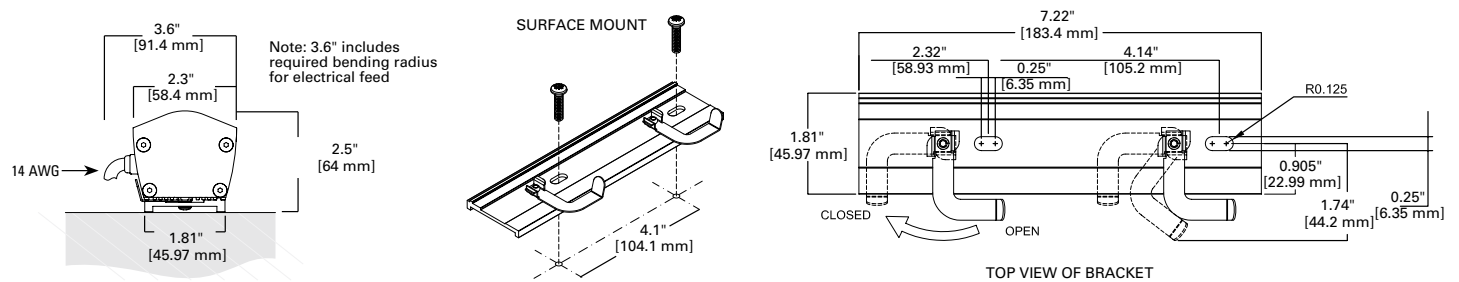
**DRIVER LOCATION DIAGRAM**

**End Driver Location (E):**

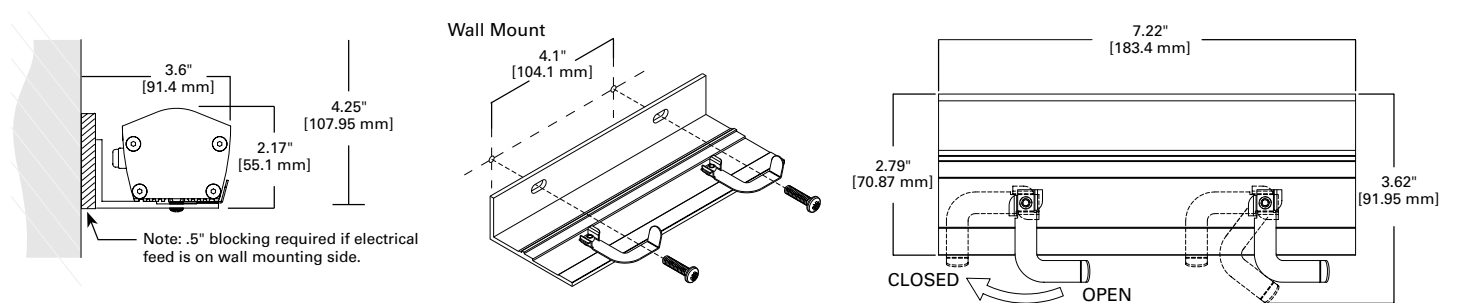


**MOUNTING OPTIONS AND BRACKETS**

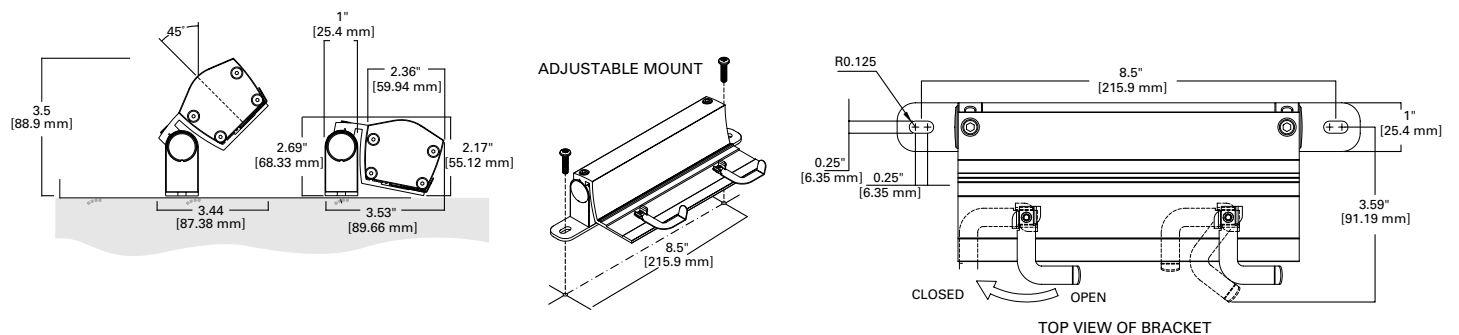
**Surface Mount (iO part #: LA.BK.SURFMT)**



**Wall Mount (iO part #: LA.BK.WALLMT)**

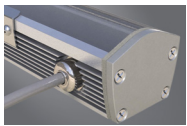


**Field Adjustable Mount with Lockable Aiming (iO part #: LA.BK.ADJMT)**





**ELECTRICAL FEED CONFIGURATION**



Single Side End Feed Symmetric



Single Side End Feed Asymmetric

**DRIVER DETAILS**

Driver Part Number	Description
<b>STD</b>	96W Driver (capable of either Non-Dimming or 0-10V dimming down to 10%) and either NEMA 1 Enclosure (for indoor spec) or NEMA 4 Enclosure (for outdoor spec).
<b>HCD</b>	96W Driver (capable of 0-10V dimming down to 1% with included OTDIM module) and either NEMA 1 Enclosure (for indoor spec) or NEMA 4 Enclosure (for outdoor spec).

**Note:** See page 3 for driver run length limits

**STD DRIVER SPECIFICATIONS**

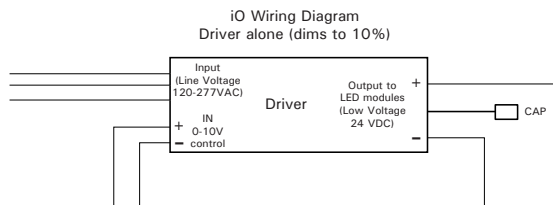
Electrical Specifications	
<b>Input</b>	
Input Voltage (VAC)	120V - 277V (+/-10%)
Frequency Range (Hz)	50 - 60Hz (+/-10%)
Input Current (A)	0.91 @ 120V 0.39 @ 277V
Input Power (W)	111W
THD	< 20%
Power Factor	> 0.95
Inrush Current (Apk)	< 55A
Line Regulation	< 5%
Stand-by Power (W)	< 1.5W
<b>Output</b>	
Output Voltage (VDC)	24V (+/-5%)
Output Current (A)	0.1 - 4.0A
Output Ripple (V)	1V
Efficiency	>85% (Typical)
Load Regulation	<5%
<b>Dimming</b>	
Dimming Control	0 - 10V
Dimming Range	10 - 100%
Dimming Type	PWM
Frequency	250Hz

**HCD DIMMING MODULE SPECIFICATIONS**

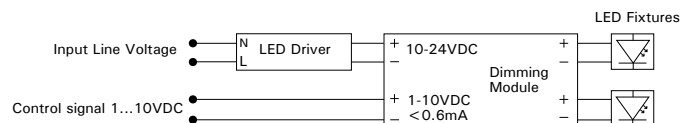
Key Dimming Features	
Utilizes pulse width modulation (PWM), to control LED performance	
Options available for analog or DMX protocols	
Dimming range: 0-100%	
Short circuit, overload and overheating protection	
<b>Dimming Module Specifications</b>	
Location:	Dry
Input Voltage:	24v DC
Max Input Current:	5.3A
Control Voltage:	0-10v DC
Frequency:	135 Hz
Ambient Temp:	-20°C to +50°C
Weight:	.165 lbs
Power Consumption:	Up to 3W

Details on NEMA enclosure options available in the iO LED Accessories Spec Sheet section of the Cooper Lighting Solutions website

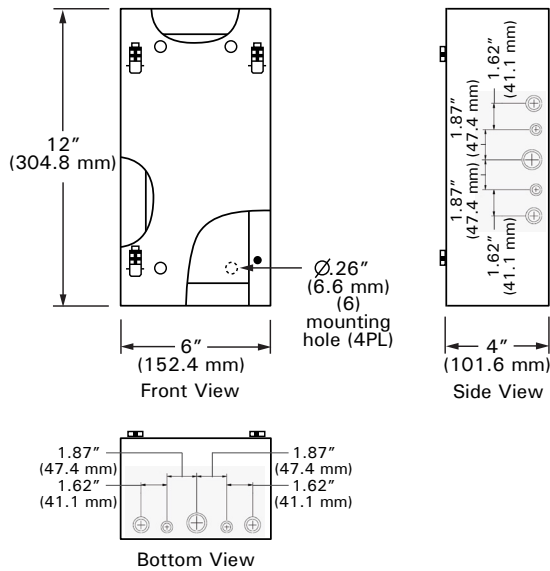
**STD DRIVER WIRING**



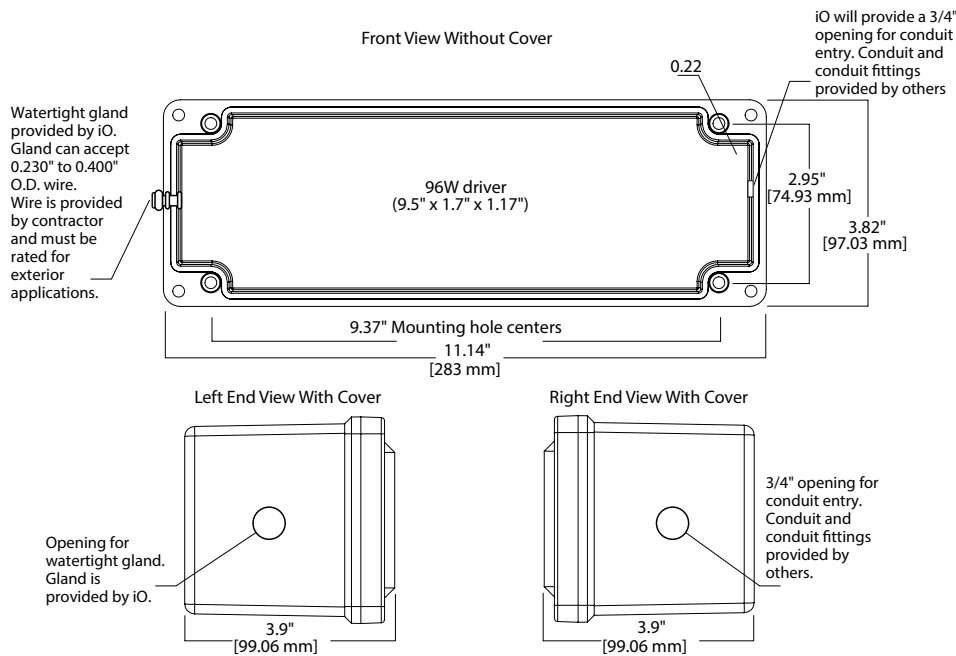
**HCD DIMMING MODULE WIRING**



**NEMA 1 ENCLOSURE DIMENSIONS (for ID specifications)**



**NEMA 4x ENCLOSURE DIMENSIONS (for OD specifications)**



**TECHNICAL NOTES**

1. Light Level provided in delivered lumens based on IES files for 4000K CCT with 30° optical distribution. See table on page 2 for delivered lumen output of all CCTs.
2. Drivers will be optimized if run length is specified; Discrete fixtures will include 1 driver per fixture. Contact Customer Service to order fixtures only.
3. Contact Cooper Lighting Solutions for custom color availability.
4. See Driver Location diagram on page 3.
5. Specified run lengths will be optimized with 6 ft. fixtures and completed with shorter fixtures to satisfy the run length without the total actual length (rather than total nominal length) going greater than the specified run length.

# LYFT 18 CLEAR WALL SCENCE

Combining modern geometric design with unique diffuser materials, the Lyft wall sconce features a clear acrylic diffuser that adds sparkle to the illuminated area with highly effective light distribution. Available in two size and three finishes.

## Outstanding protection against the elements:

- Powder coat finishes
- Stainless Steel mounting hardware
- Impact-resistant, UV stabilized frosted acrylic lensing

HOTEL  
WALL MOUNTED WALL  
SCENCE

B

## SPECIFICATIONS

DELIVERED LUMENS	221
WATTS	9.9
VOLTAGE	Universal 120V-277V, with integral transient 2.5kV surge protection (driver)
DIMMING	0-10, ELV
LIGHT DISTRIBUTION	Symmetric
MOUNTING OPTIONS	Wall
PERFORMANCE OPTIONS	In-Line Fuse / Surge Protector
CCT	2700K, 3000K or 4000K
CRI	80
COLOR BINNING	3 Step
BUG RATING	B0-U3-G1
DARK SKY	Non-Compliant
WET LISTED	IP65
GENERAL LISTING	ETL
CALIFORNIA TITLE 24	Can be used to comply with CEC 2019 Title 24 Part 6 for outdoor use. Registration with CEC Appliance Database not required.
START TEMP	-30°C
FIELD SERVICEABLE LED	Yes
CONSTRUCTION	Aluminum
HARDWARE	Stainless Steel
FINISH	Powder Coat
LED LIFETIME	L70; >60,000 Hours
WARRANTY*	5 Years
WEIGHT	6.6 lbs.



LYFT 18  
shown with  
clear lens, bronze



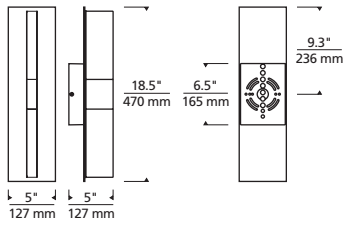
LYFT 18  
shown with  
clear lens, charcoal

\* Visit [techlighting.com](http://techlighting.com) for specific warranty limitations and details.

## ORDERING INFORMATION

PRODUCT	CRI/CCT	LENGTH	LENS	FINISH	VOLTAGE	DISTRIBUTION	OPTIONS
7000WLYT	827 80 CRI, 2700K 830 80 CRI, 3000K 840 80 CRI, 4000K	18 18"	C CLEAR	B BLACK Z BRONZE H CHARCOAL	UNV 120V-277V	S SYMMETRIC	NONE LF IN-LINE FUSE SP SURGE PROTECTION LFSP IN-LINE FUSE & SURGE PROTECTION

# LYFT 18 CLEAR WALL SCONCE



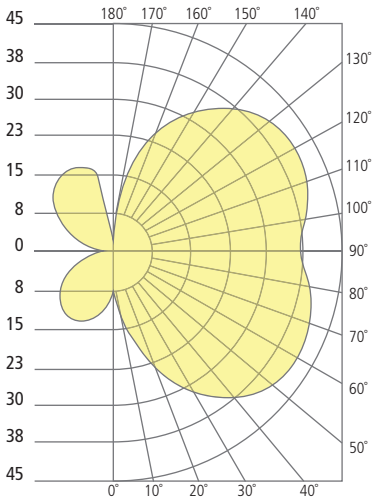
Lyft 18

## PHOTOMETRICS\*

\*For latest photometrics, please visit [www.techlighting.com/OUTDOOR](http://www.techlighting.com/OUTDOOR)

### LYFT 18 CLEAR

Total Lumen Output: 221  
 Total Power: 9.9  
 Luminaire Efficacy: 22.3  
 Color Temp: 3000K  
 CRI: 80+  
 BUG Rating: B0-U3-G1



## PROJECT INFO

FIXTURE TYPE & QUANTITY

JOB NAME & INFO

NOTES

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# Axcent LED wall mount luminaire

## Features and benefits

HOTEL  
WALL MOUNT LUMINAIRE

Lumark

C

## Sleek architectural design with superior performance.

The Axcent LED wall mount luminaire provides a flush-mounted, architectural design with high performing, energy-efficient illumination resulting in up to 95% energy and maintenance savings. The die-cast aluminum construction along with stainless steel hardware, gasketed housing, and sealed optical compartment make the Axcent impervious to contaminants. The Axcent replaces 70W up to 450W metal halide equivalents making it ideal for pathway illumination, building entrances, vehicle ramps, schools, tunnels, stairways, loading docks and floodlighting applications.

### Key features:

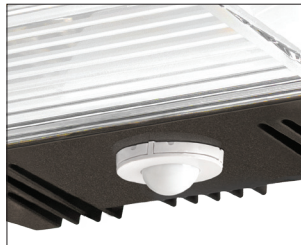
- Save up to 95% in energy and maintenance costs over traditional metal halide solutions
- Hook-N-Lock mounting eliminates the need to open the factory-sealed and vacuum tested luminaire. Allows for installation without requiring any additional caulking or silicone to seal the luminaire
- Superior optical design in both full cutoff and refractive lens versions provide superior illumination and efficacies of up to 144 lm/W
- Further maximize energy savings and meet code requirements by utilizing the integrated controlled and connected solutions

### Design features



#### Easy Installation

Contractor-friendly installation with wedge mounting plate and fixture wire hook.



#### Controls

Integrated photocontrol, motion sensor, or connected controls solutions available.



#### Emergency Egress

Optional integrated emergency egress for up to 90-minutes of emergency operation.



### Quick facts:

- 120 - 277V (Standard); 347V, 480V
- Standard 0 - 10V dimming
- Lumen packages ranging from 1,800 - 17,000 lumens
- 4000K / 70 CRI (Standard); 5000K / 70 CRI, 3000K / 80 CRI
- Wall mount, inverted mount, floodlight, and pole mount options
- IP66 rated, UL/cUL wet location listed

Learn more about our outdoor lighting solutions at [www.eaton.com/lighting](http://www.eaton.com/lighting)

# EATON

Powering Business Worldwide

# Axcent LED wall mount luminaire

Features and benefits

**Lumark**

## Stock ordering information

Model	Input Watts	Lumens	Efficacy	HID Equivalent	UPC
<b>Axcent Small</b>					
AXCS1A	14W	1,806	134	70W	080083887965
AXCS1ARL	14W	1,915	142	70W	080083887972
AXCS2A	21W	2,561	124	100W	080083887989
AXCS2ARL	21W	2,716	131	100W	080083887996
AXCS3A	27W	3,537	132	150W	080083888009
AXCS3ARL	27W	3,704	139	150W	080083888016
AXCS4A	44W	5,520	126	250W	080083888023
AXCS4ARL	44W	5,858	139	250W	080083888030
AXCS5A	52W	6,300	121	320W	080083888047
AXCS5ARL	52W	6,699	131	320W	080083888054
<b>Axcent Large</b>					
AXCL6A	56W	7,594	136	320W	080083811564
AXCL6ARL	56W	7,809	139	320W	080083811649
AXCL8A	72W	9,696	135	400W	080083811588
AXCL8ARL	72W	9,970	139	400W	080083811663
AXCL10A	102W	13,283	133	400W	080083811601
AXCL10ARL	102W	13,641	131	400W	080083811687
AXCL12A	123W	16,823	140	450W	080083811625
AXCL12ARL	123W	17,346	144	450W	080083811700

## Mounting configurations

### Axcent Small



Slipfitter Mount



Trunnion Mount



Knuckle Mount

### Axcent Large



Slipfitter Mount



Trunnion Mount



Pole Mount



Powering Business Worldwide

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Printed in USA  
Publication No. SA514018EN  
May 9, 2019 9:40 AM

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# Galleon GLEON and GAN Nomenclature Transition Cross-Reference

## Area / Site and Flood Configurations

Cooper Lighting Solutions is pleased to announce a performance upgrade for the Galleon, including improved lumen output and efficacy, as well as new features and CCT options. Use this guide to quickly identify nomenclature adjustments between the AF series and the SA series.

### KEY PRODUCT FEATURES

- Choice of 16 high-efficiency, patented AccuLED Optics™
- Available in 2200K, 2700K, 3000K, **3500K**, 4000K, 5000K or 5700K CCT
- Available in narrow-band Amber 590nm

### CERTIFICATIONS



### FEATURES



AF Light Squares	
Sample Number:	GLEON-AF-04-LED-E1-T3-GM-QM
Prefix	Description
GLEON or GAN	Galleon
Light Engine	Description
AF	Existing Light Square Generation "F"
Light Source	Description
LED	LED
Square Count	Description
01	One Square
02	Two Squares
03	Three Squares
04	Four Squares
05	Five Squares
06	Six Squares
07	Seven Squares
08	Eight Squares
09	Nine Squares
10	Ten Squares

New SA Light Squares	
Sample Number:	GLEON-SA4C-740-U-T3-GM-QM
Prefix	Description
GLEON or GAN	Galleon
Light Engine	Description
SA	New Light Square Generation "A"
Light Source	Description
[blank]	LED
Square Count	Description
1	One Square
2	Two Squares
3	Three Squares
4	Four Squares
5	Five Squares
6	Six Squares
7	Seven Squares
8	Eight Squares
9	Nine Squares
0	Ten Squares

# Galleon GLEON and GAN Nomenclature Transition Cross-Reference

## Area / Site and Flood Configurations

AF Light Squares	
Sample Number:	GLEON-AF-04-LED-E1-T3-GM-QM
Drive Current	Description
_____	_____
_____	_____
_____	_____
_____	_____
Color Temperature	Description
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Voltage	Description
<b>E1</b>	Electronic (120-277V)
_____	_____
_____	_____
_____	_____
_____	_____
<b>480</b>	480V
<b>347</b>	347V
Distribution	No changes
Color	No changes
Mounting	No changes

Basic Options	Description
7030	70 CRI / 3000K CCT
7040	70 CRI / 4000K CCT (default)
7050	70 CRI / 5000K CCT
7060	70 CRI / 6000K CCT
8030	80 CRI / 3000K CCT
AMB	Amber 590nm
615	615mA drive current
800	800mA drive current
1050	1050mA drive current (default)
1200	1200mA drive current

New SA Light Squares	
Sample Number:	GLEON-SA4C-740-U-T3-GM-QM
Drive Current	Description
A	615mA drive current
B	800mA drive current
C	1000mA drive current (default)
D	1200mA drive current
Color Temperature	Description
722	70 CRI / 2200K CCT
727	70 CRI / 2700K CCT
730	70 CRI / 3000K CCT
735	70 CRI / 3500K CCT
740	70 CRI / 4000K CCT
750	70 CRI / 5000K CCT
760	70 CRI / 6000K CCT
827	80 CRI / 2700K CCT
<b>830</b>	80 CRI / 3000K CCT
AMB	Amber 590nm

Voltage	Description
<b>U</b>	Electronic (120-277V)
<b>1</b>	120V
<b>2</b>	208V
<b>3</b>	240V
<b>4</b>	277V
<b>8</b>	480V
<b>9</b>	347V
Distribution	No changes
Mounting	No changes. Moved after "Distribution"
Color	No changes. Moved after "Mounting"

CRI/CCT	Description
Moved Color Temperature to above	

Drive Current	Description
Moved Drive Current to above	



# Galleon GLEON and GAN Nomenclature Transition Cross-Reference

## Area / Site and Flood Configurations

### Controls and Systems Options (Add as Suffix)

AF Light Squares	
Sample Number:	GLEON-AF-04-LED-E1-T3-GM-QM
Options (Add as Suffix)	Description
DIM	External 0-10V Dimming Leads
F	Single Fuse (120V, 277V or 347V)
FF	Double Fuse (208V, 240V or 480V)
2L	Bi-Level Switching Capable
3	Three Position Terminal Block
HA	High Ambient, 50 degrees C
HSS	Factory installed House Side Shield
LCF	LightSquare Trim Plate Matches Housing Finish.
MT	Factory installed mesh top
TH	Toolless Door Hardware
L90	Optical Panels Rotated Left 90 degrees
R90	Optical Panels Rotated Right 90 degrees
CE	CE approved and marked
AHD145	After Hours Dim, 5 hours at 50% dim
AHD245	After Hours Dim, 6 hours at 50% dim
AHD255	After Hours Dim, 7 hours at 50% dim
AHD355	After Hours Dim, 8 hours at 50% dim

P	Button Type Photocontrol
R	NEMA Photocontrol Receptacle
PER7	NEMA 7-Pin Twistlock Photocontrol Receptacle
MS-LXX	Motion Sensor for ON/OFF Operation
MS/DIM-LXX	Motion sensor for dimming operation.
MS/X-LXX	Motion sensor for on/off operation.
ZW	WaveLinx Sensor ready (Control Module)
ZD	WaveLinx module with DALI driver and 4-PIN Receptacle
ZW-SWPD4XX	Wavelinx Module and Sensor – 7-15ft
ZW-SWPD5XX	Wavelinx Module and Sensor – 15 - 40ft
ZW-WOBXX	Wavelinx Control Module and LC Bluetooth Sensor – 7-15ft
ZW-WOFXX	Wavelinx Control Module and LC Bluetooth Sensor – 15 - 40ft
ZD-SWPD4XX	Wavelinx Digital SR Driver and Wireless Sensor – 7-15ft
ZD-SWPD5XX	Wavelinx Digital SR Driver and Wireless Sensor – 15 - 40ft
ZD-WOBXX	Digital SR Driver and LC Bluetooth Sensor – 7-15ft
ZD-WOFXX	Digital SR Driver and LC Bluetooth Sensor – 15 - 40ft
LWR-LW	Enlighted Wireless Sensor, 8'-16' MH
LWR-LN	Enlighted Wireless Sensor, 16-40' MH
DIM10	SYNAPSE module

New SA Light Squares	
Sample Number:	GLEON-SA4C-740-U-T3-GM-QM
Options (Add as Suffix)	Description
DIM	No change
F	No change
FF	No change
20K	20kV UL 1449 fused surge protective device
2L	No change
3	No change
HA	No change
HSS	No change
GRSBK	Glare reducing shield, Black
GRSWH	Glare reducing shield, White
LCF	No change
MT	No change
TH	No change
CC	Coastal Construction finish
L90	No change
R90	No change
CE	No change
AHD145	No change
AHD245	No change
AHD255	No change
AHD355	No change
DALI	DALI Driver(s)

Controls and Systems Options (Add as Suffix)	
BPC	Button Type Photocontrol
PR	NEMA Photocontrol Receptacle
PR7	NEMA 7-Pin Twistlock Photocontrol Receptacle
MS-LXX	No changes
MS/DIM-LXX	No changes
MS/X-LXX	No changes
ZW	No change
ZD	No change
ZW-SWPD4XX	No change
ZW-SWPD5XX	No change
ZW-WOBXX	No change
ZW-WOFXX	No change
ZD-SWPD4XX	No change
ZD-SWPD5XX	No change
ZD-WOBXX	No change
ZD-WOFXX	No change
LWR-LW	No change
LWR-LN	No change
DIM10	No change

# Galleon GLEON and GAN Nomenclature Transition Cross-Reference

## Area / Site and Flood Configurations

### Accessories

AF Light Squares	
Sample Number:	GLEON-AF-04-LED-E1-T3-GM-QM
Accessories	Description
OA/RA1016	Photoelectric Control, 105-285 Volt NEMA Type
OA/RA1027	Photoelectric Control, 480V NEMA Type
OA/RA1201	Photoelectric Control, 347V NEMA Type
OA/RA1013	Photocontrol Shorting Cap
OA/RA1014	120V Photocontrol
MA1252	10kv Circuit Module Replacement
MA1036-XX	Single Tenon Adapter for 2-3/8" O.D. Tenon
MA1037-XX	2 @ 180 Tenon Adapter for 2-3/8" O.D. Tenon
MA1197-XX	3 @ 120 Tenon Adapter for 2-3/8" O.D. Tenon
MA1188-XX	4 @ 90 Tenon Adapter for 2-3/8" O.D. Tenon
MA1189-XX	2 @ 90 Tenon Adapter for 2-3/8" O.D. Tenon
MA1190-XX	3 @ 90 Tenon Adapter for 2-3/8" O.D. Tenon
MA1191-XX	2 @ 120 Tenon Adapter for 2-3/8" O.D. Tenon
MA1038-XX	Single Tenon Adapter for 3-1/2" O.D. Tenon
MA1039-XX	2 @ 180 Tenon Adapter for 3-1/2" O.D. Tenon
MA1192-XX	3 @ 120 Tenon Adapter for 3-1/2" O.D. Tenon
MA1193-XX	4 @ 90 Tenon Adapter for 3-1/2" O.D. Tenon
MA1194-XX	2 @ 90 Tenon Adapter for 3-1/2" O.D. Tenon
MA1195-XX	3 @ 90 Tenon Adapter for 3-1/2" O.D. Tenon
GLEON-MT1	Field installed mesh top for 1-4 Light Squares
GLEON-MT2	Field installed mesh top for 5-6 Light Squares
GLEON-MT3	Field installed mesh top for 7-8 Light Squares
GLEON-MT4	Field installed mesh top for 9-10 Light Squares
GLEON-QM	Quick Mount Kit
GLEON-QMEA	Quick Mount Extended Arm Kit
GLEON-ADJA-XX	Field installed adjustable arm for pole mount (replace XX with paint color)
GLEON-ADJS-XX	Field installed adjustable arm for tenon/shipfitter mount (replace XX with paint color)
GLEON-ADJA-WM-XX	Field installed adjustable arm for wall mount (replace XX with paint color)
LS/HSS	Field installed House Side Shield (only for SL2, SL3, SL4 and AFL)
_____	_____
_____	_____
_____	_____
FSIR-100	Wireless Configuration Tool, MS/DIM Sensor Settings
<b>WOLC-7P-10A</b>	Wave Linx wireless control module
<b>SWPD4-XX</b>	Wavelinx Control Module and Wireless Sensor – 7-15ft (2.1 - 4.5m)
<b>SWPD5-XX</b>	Wavelinx Control Module and Wireless Sensor – White, 15 - 40ft (4.5 - 12.2m)

New SA Light Squares	
Sample Number:	GLEON-SA4C-740-U-T3-GM-QM
Accessories	Description
OA/RA1016	No change
OA/RA1027	No change
OA/RA1201	No change
OA/RA1013	No change
OA/RA1014	No change
MA1252	No change
MA1036-XX	No change
MA1037-XX	No change
MA1197-XX	No change
MA1188-XX	No change
MA1189-XX	No change
MA1190-XX	No change
MA1191-XX	No change
MA1038-XX	No change
MA1039-XX	No change
MA1192-XX	No change
MA1193-XX	No change
MA1194-XX	No change
MA1195-XX	No change
GLEON-MT1	No change
GLEON-MT2	No change
GLEON-MT3	No change
GLEON-MT4	No change
GLEON-QM	No change
GLEON-QMEA	No change
GLEON-ADJA-XX	No change
GLEON-ADJS-XX	No change
GLEON-ADJA-WM-XX	No change
LS/HSS	No change
LS/GRSBK	Glare reducing shield, Black
LS/GRSWH	Glare reducing shield, White
LS/PFS	Field installed perimeter shield
FSIR-100	No change
<b>WOLC-7P-10A</b>	No change
<b>SWPD4-XX</b>	No change
<b>SWPD5-XX</b>	No change



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December 3, 2020

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