ATTACHMENT 3

## SITE GENERAL NOTES

1) REFER TO SITE PLAN, UTILITY PLAN, AND DIMENSION PLAN PREPARED BY LAND DESIGN CONSULTANTS, INC., FOR SITE SERVICING, FINISH GRADING, EXTEND OF NEW APSHALT PAVING, LOCATION OF CURBS, AND GUTTERS, ETC.

2) THE CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONs WHEN EXCAVATING ON THIS SITE TO FIRST DETERMINE LOCATIONS OF UNDERGROUND SERVICES. ARCHITECTURAL SITE PLAN SHALL BE READ IN CONJUNCTION WITH PLUMBING AND ELECTRICAL UTILITY DRAWINGS.

3) THE CONTRACTOR SHALL SITE VERIFY EXISTING CONDITIONS AND CHECK DIMENSIONS. DISCREPANCIES BETWEEN DRAWINGS AND ACTUAL SITE CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE CONSULANTS BEFORE COMMENCEMENT OR RESUMPTION OF WORK.

4) THE CONTRACTOR SHALL ENSURE THAT WORK IN PROGRESS AREAS ARE EFFECTIVELY BARRICATED FOR PUBLIC SAFETY AND CONFORM TO THE LATEST SAFETY CODE.

5) PROTECT EXISTING UNDERGROUND UTILITY WORK. REPAIR AND MAKE GOOD DAMAGES DUE TO THIS WORK AT NO EXTRA COSTS TO THE OWNER.

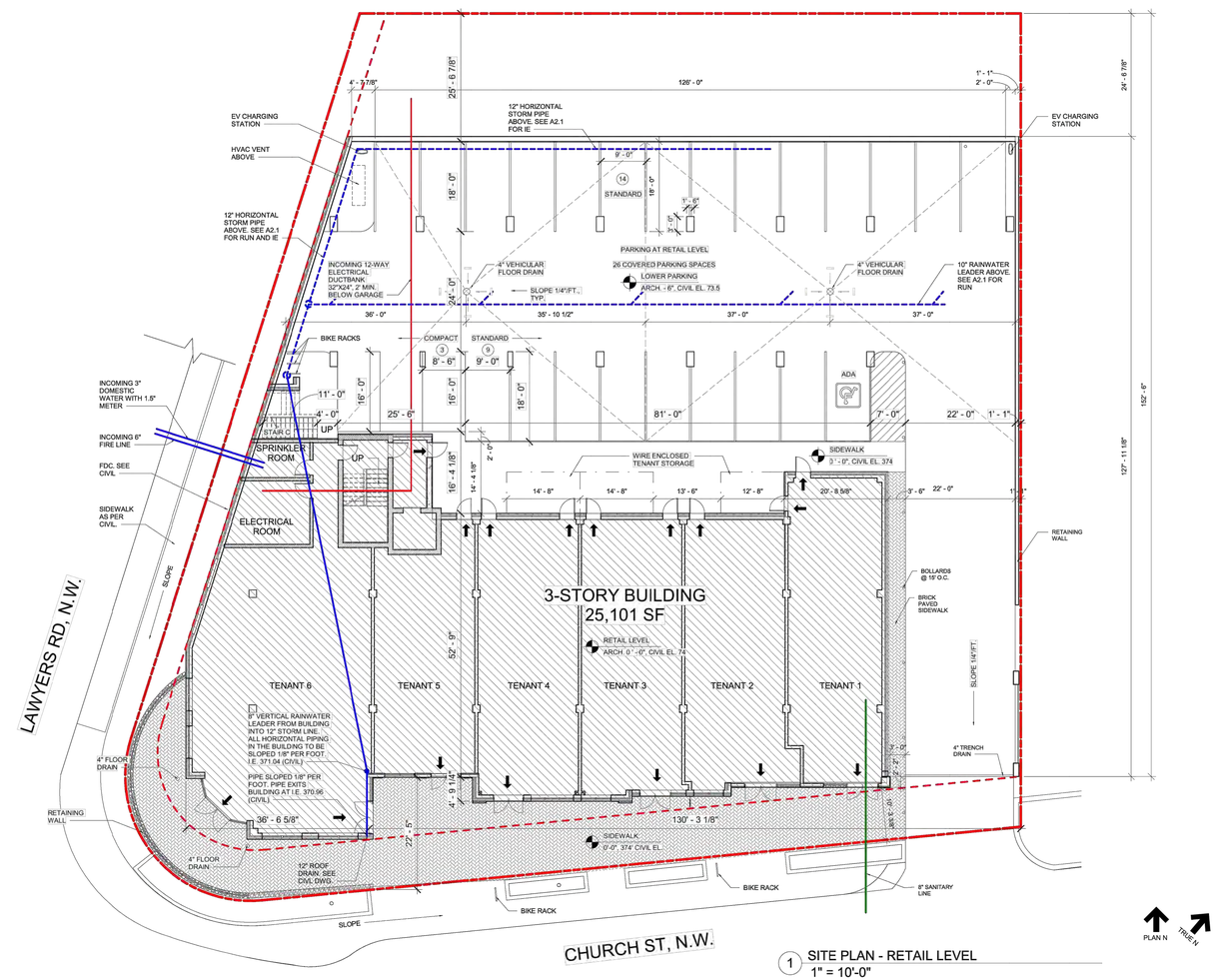
6) REPAIR AND MAKE GOOD DAMAGES TO EXISTING SODDED TO EXISTING SODDED AND ASPHALT AREAS DUE TO THIS WORK AT NO EXTRA COSTS TO OWNER.

7) THE CONTRACTOR SHALL REVIEW SOIL REPORT FOR ADDITIONAL SITE INFORMATION AND REQUIREMENTS.

LANDSCAPE NOTE: INTENDED GRASS AREAS ADJACENT TO BLDG. BETWEEN EXTERIOR WALL & SIDEWALK TO BE SODDED, OTHER AREAS TO BE HYBRID SEEDED.

## SITE UTILITIES LEGEND

| | |
|---|---|
| COMMUNICATION, TV | WATER |
| ELECTRIC | UNKNOWN UTILITY |
| GAS, OIL, STEAM, PETROLEUM | SITE SETBACK |
| SEWER & DRAIN LINES | SITE PROPERTY LINE |




1 SITE PLAN - RETAIL LEVEL
1" = 10'-0"


MGMA
131 GREAT FALLS STREET FALLS CHURCH VIRGINIA 22046
703.538.7100 703.538.7112 FAX WWW.MGMADESIGN.COM


145 CHURCH ST

145 CHURCH ST NW
VIENNA, VA 22180

| SUBMISSIONS / REVISIONS | | |
|---|---|---|
| | | |
| | | |
| | | |

## SITE PLAN NOTES

| | |
|---|---|
| 1 | **FIRE ALARM ANNUNCIATOR:** FIRE ALARM ANNUNCIATOR AND ITS NOTED INSTRUCTIONS WILL REFER TO LAWYERS ROAD ADDRESS OF THE BUILDING FOR FIRE INGRESS PURPOSES. |
| 2 | **HVAC VENT:** AS PER MEP DWGS, GARAGE VENT FAN TO BE 9,000 CFM, 5 HP FAN WITH A VENT OF 36" W X 38" L X 54" H. |

## SITE GENERAL NOTES

1) REFER TO SITE PLAN, UTILITY PLAN, AND DIMENSION PLAN PREPARED BY LAND DESIGN CONSULTANTS, INC., FOR SITE SERVICING, FINISH GRADING, EXTEND OF NEW ASPHALT PAVING, LOCATION OF CURBS, AND GUTTERS, ETC.

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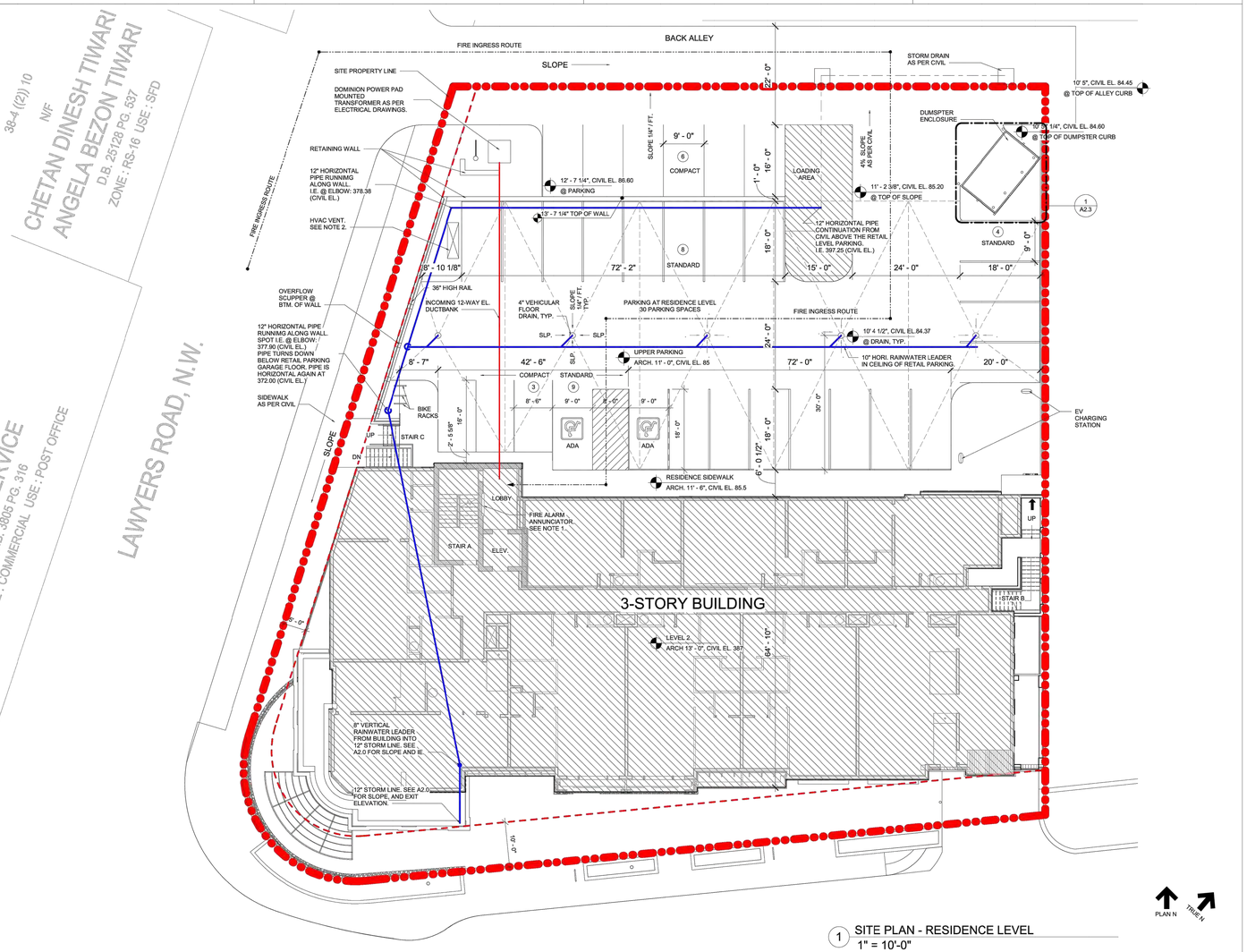
LANDSCAPE NOTE: INTENDED GRASS AREAS ADJACENT TO BLDG. BETWEEN EXTERIOR WALL & SIDEWALK TO BE SODDED, OTHER AREAS TO BE HYBRID SEEDED.

## SITE UTILITIES LEGEND

| | | | |
|---|---|---|---|
| | COMMUNICATION, TV | | WATER |
| | ELECTRIC | | UNKNOWN UTILITY |
| | GAS, OIL, STEAM, PETROLEUM | | SITE SETBACK |
| | SEWER & DRAIN LINES | | SITE PROPERTY LINE |




1 SITE PLAN - RESIDENCE LEVEL
1" = 10'-0"


MGMA
131 GREAT FALLS STREET FALLS CHURCH VIRGINIA 22046
703.538.7100 703.538.7112 FAX WWW.MGMADESIGN.COM


145 CHURCH ST

145 CHURCH ST NW
VIENNA, VA 22180

| SUBMISSIONS / REVISIONS | | |
|---|---|---|
| | | |
| NO. | DESCRIPTION | DATE |
| | DD SET | 06.18.2021 |

| | |
|---|---|
| PRINCIPAL | WIL MCBEATH |
| SR. PROJ. ARCH. | |
| PROJ. ARCH. | |
| SEALS | |
| JOB NUMBER | 18019 |

SITE PLAN - RESIDENCE LEVEL

A2.1


LDC
4585 DAISY REID AVENUE, SUITE 201 WOODBRIDGE, VIRGINIA 22192
PH: 703-680-4585 FX: 703-680-4775


ARCHITECTURAL INFORMATION

145 CHURCH ST NW

TOWN OF VIENNA, VIRGINIA

| DATE | DESIGN | NO. | DESCRIPTION | REVIEW BY | APPROVED | DATE |
|---|---|---|---|---|---|---|
| | | | | | | |

ENGINEER

REVISION APPROVED BY:

I HEREBY CERTIFY THAT OTHER THAN THE REVISIONS SHOWN HEREON, NO OTHER CHANGES HAVE BEEN MADE.

COMMONWEALTH OF VIRGINIA
SHANE D. REVELLE
LIC. NO. 035323
9/2/21
5/9/22
6/16/22
PROFESSIONAL ENGINEER

SCALE: N/A

SHEET 23B OF 23

DATE: MARCH 2021

DRAFT: AY CHECK: SDR

FILE NUMBER: 18041-3-0
PLAN #617447

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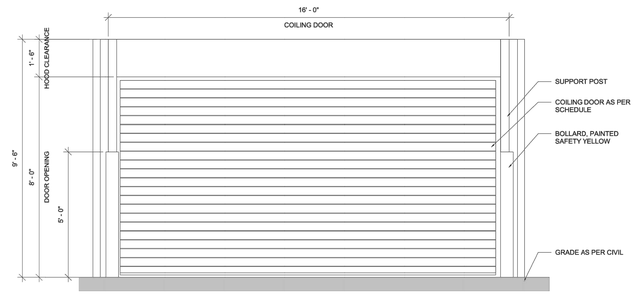
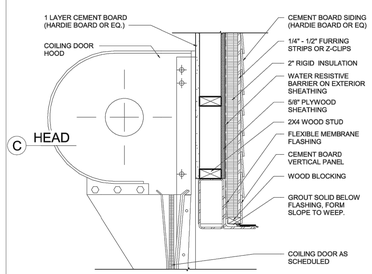
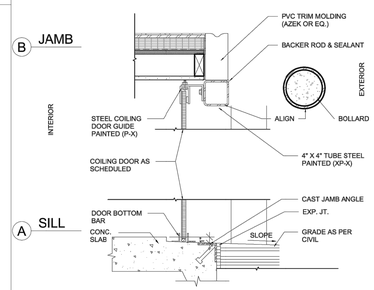



2 DUMSPTER ELEVATION 1
1/2" = 1'-0"



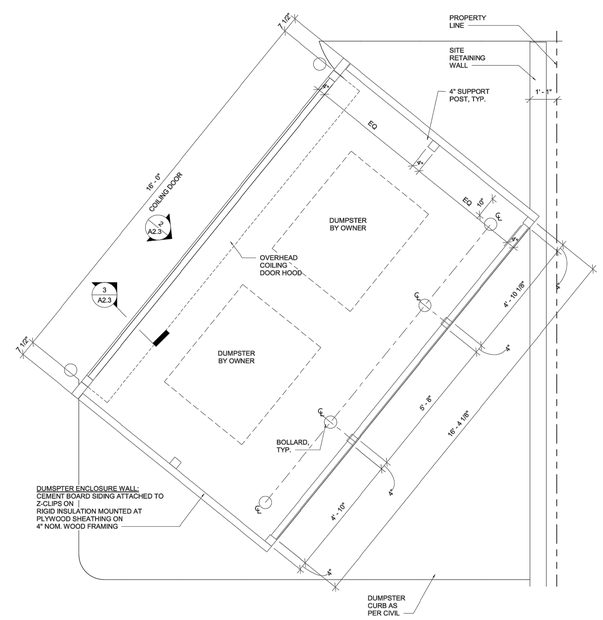

C HEAD




B JAMB

A SILL

3 SECTION DETAIL @ DUMPSTER COILING DOOR
1 1/2" = 1'-0"




1 ENLARGED PLAN @ DUMPSTER
1/2" = 1'-0"

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131 GREAT FALLS STREET FALLS CHURCH VIRGINIA 22046
703.538.7100 703.538.7112 FAX WWW.MGMADESIGN.COM

145 CHURCH ST

145 CHURCH ST NW
VIENNA, VA 22180

| SUBMISSIONS / REVISIONS | | |
|---|---|---|
| NO. | DESCRIPTION | DATE |

| | |
|---|---|
| PRINCIPAL | |
| SR. PROJ. ARCH. | |
| PROJ. ARCH. | |

SEALS

JOB NUMBER 18019

SITE DETAILS

A2.3

LDC
4585 DAISY REID AVENUE, SUITE 201 WOODBRIDGE, VIRGINIA 22192
PH: 703-680-4585 FX: 703-680-4775

ARCHITECTURAL INFORMATION

145 CHURCH ST NW

TOWN OF VIENNA, VIRGINIA

| DATE | DESIGN | NO. | DESCRIPTION | REVIEW BY | APPROVED | DATE |
|---|---|---|---|---|---|---|
| | | | | | | |

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6/16/22
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SCALE: N/A

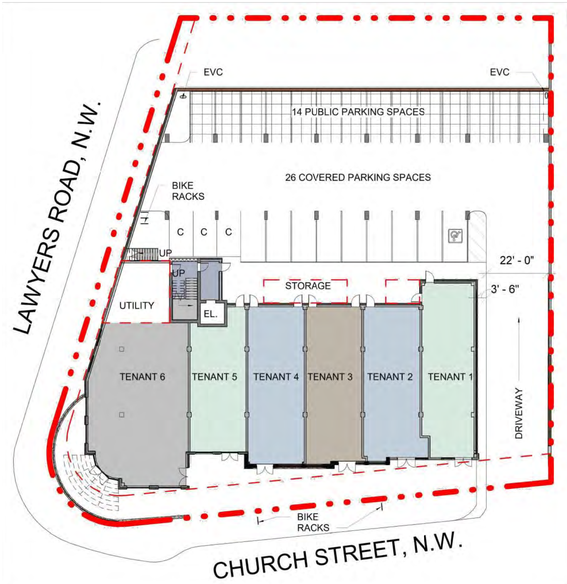
SHEET 23C OF 23

DATE: MARCH 2021

DRAFT: AY CHECK: SDR

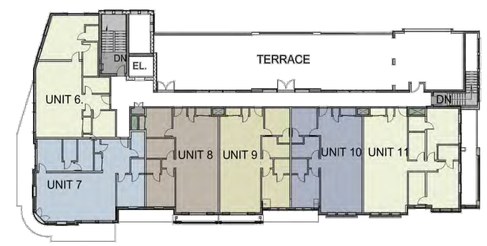
FILE NUMBER: 18041-3-0
PLAN #617447

P:\PY 2018\18041-3-0 Church Street, N.W. - 139A and 145\ENG\SITEPLAN\18041-3-0-CVR.dwg

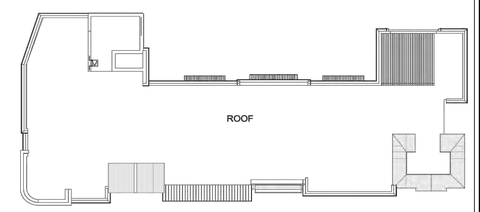



**FIRST FLOOR PLAN**

**SECOND FLOOR PLAN**




**THIRD FLOOR PLAN**



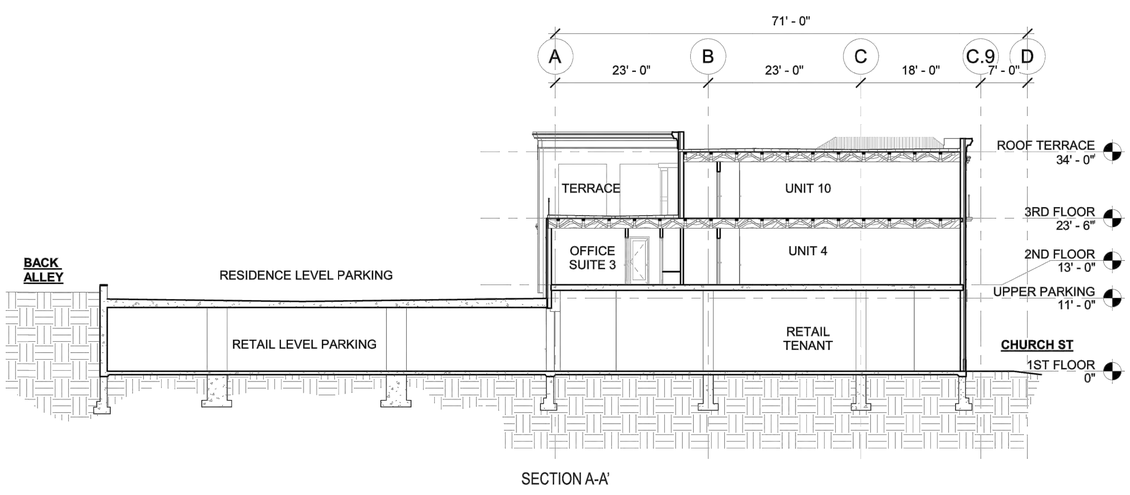

**ROOF PLAN**

MGMA

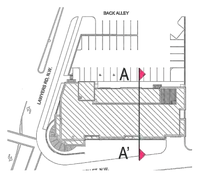
145 CHURCH STREET
5

MGMA

145 CHURCH STREET
6




SECTION A-A'




MGMA

**BUILDING SECTION**

145 CHURCH STREET
9

LDC
4585 DAISY REID AVENUE, SUITE 201 WOODBRIDGE, VIRGINIA 22192
PH: 703-680-4585 FX: 703-680-4775

ARCHITECTURAL INFORMATION

145 CHURCH ST NW

TOWN OF VIENNA, VIRGINIA

| DATE | DESIGN NO. | DESCRIPTION | REVIEW BY | APPROVED | DATE |
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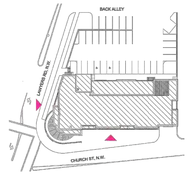
P:\PY 2018\18041-3-0 Church Street, N.W. - 139A and 145\ENG\SITEPLAN\18041-3-0-CVR.dwg

NOTE: REFER TO MATERIAL LEGEND ON PAGE 14

**WEST ELEVATION**

**SOUTH ELEVATION**

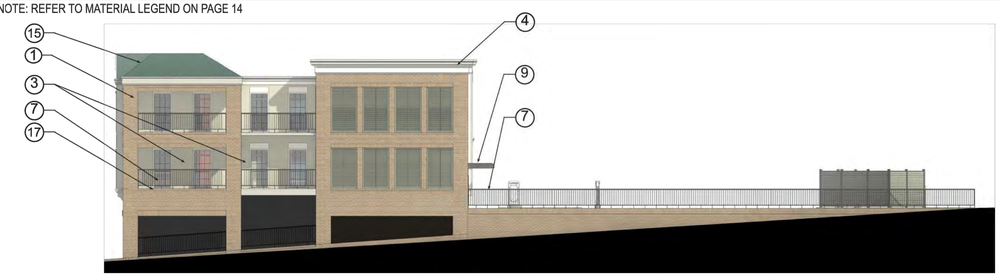



MGMA

**STREET ELEVATIONS**

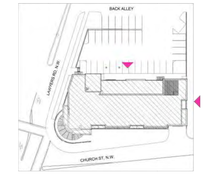
**145 CHURCH STREET**
*7*

NOTE: REFER TO MATERIAL LEGEND ON PAGE 14




**EAST ELEVATION**

**NORTH ELEVATION**




MGMA

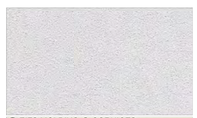
**STREET ELEVATIONS**

**145 CHURCH STREET**
*8*

1 BRICK @ FACADE,
MANF: US BRICKS | PALMETTO BRICK
PRODUCT: BRICK | THIN BRICK
CLR: HERITAGE VELOUR | IVORYSTONE

2 CEMENT BOARD SIDING, MANF: JAMES HARDIE; PRODUCT: HARDIE SIDING
COLOR: SW2831 CLASSICAL GOLD, SW LINK GRAY

3 CEMENT BOARD PANEL,
MANF: JAMES HARDIE
PRODUCT: HARDIE VERTICAL BOARD
COLOR: SW 7637 OYSTER WHITE



4 EIFS MOLDING @ CORNICES,
MANF: DRYVIT FBM,
PRODUCT: STUCCO FINISH
COLOR: SW7637 OYSTER WHITE

5 STONE VENEER @ COLUMN BASE & RETAINING WALL, MANF: PANAGEA,
PRODUCT: FIELD STONE,
COLOR: SIERRA RIDGE, 8" MAX. PIECE

6 PAINT @ STOREFRONT MOLDINGS,
MANF: SHERWIN WILLIAMS,
PRODUCT: EXTERIOR PAINT,
COLOR: ROOKWOOD DARK RED, CLASSICAL GOLD, DRIED THYME, ESCAPE GRAY

7 ARCHITECTURAL RAILING,
MANF: C.R. LAWRENCE,
PRODUCT: ARS SERIES
COLOR: BLACK

8 CURVED METAL SUNSCREEN @ CORNER
MANF: PEACHTREE
PRODUCT: METAL SUNSCREEN,
COLOR: ANODIZED DARK BRONZE

9 CANOPY @ ENTRANCE
MANF: PEACHTREE
PRODUCT: METAL CANOPY,
COLOR:ANODIZED DARK BRONZE

10 WALL MOUNTED GOOSENECK LUMINAIRE
MANF: ARCHETYPE
PRODUCT: AR 14, AR16
COLOR: MATTE BLACK

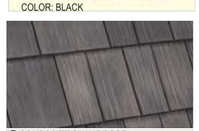
11 WINDOW SYSTEM
MANF: KAWNEER
PRODUCT: STOREFRONT SYSTEM
COLOR: BLACK

12 PVC MOLDINGS @ RETAIL FACADE & RESIDENCE WINDOWS; MANF: AZEK
PRODUCT: MOULDING & WINDOW SURROUNDS; COLOR: SW OYSTER WHITE

13 METAL PERGOLA @ TERRACE;
MANF: PEACHTREE
PRODUCT: METAL CANOPY
COLOR: POLAR WHITE

14 BRICK QUOINS
MANF: US BRICKS
PRODUCT: BRICK, PTD.
COLOR: SW OYSTER WHITE

15 STANDING SEAM METAL ROOFING
MANF: PAC-CLAD
PRODUCT: REDI ROOF
COLOR: HARTFORD GREEN, BURGUNDY



16 COMPOSITE SHAKE ROOF
MANF: DAVINCI ROOFSCAPES
PRODUCT: SELECT SHAKE
COLOR: BLACK OAK

17 BRICK SILL @ TERRACE
MANF: US BRICKS
PRODUCT: MODULAR BRICK
COLOR: HERITAGE VELOUR

18 SHAKE SIDING
MANF: JAMES HARDIE
PRODUCT: HARDIE SHAKE
COLOR: IRON GRAY

19 BIKE RACK
MANF: MADRAX
PRODUCT: UX BIKE RACK
COLOR: BLACK

MGMA

**MATERIAL LEGEND**

**145 CHURCH STREET**
*14*

*CORNICE AND QUOINS AT BRICK FACADE CORNER*

*DECORATIVE CORNICE & MOLDING*

*FRENCH WINDOWS, BALCONIES W/ ARCHITECTURAL RAILING*

*BRICK AND SIDING FACADE, WINDOW ARTICULATION*

*SLOPING COMBO ROOF:SHAKE AND METAL STANDING SEAM*

*STANDING SEAM METAL ROOF*

*STONE RETAINING WALL*

*METAL CANOPY AT CURVED STORFRONT ENTRANCE*

*BRICK REVEALS ARCTICULATION*

*DECORATIVE GOOSENECK LIGHTING*

*STONE BASE AT BRICK COLUMN & DECORATIVE MOLDING AROUND STOREFRONT*

*BRICK COURSING OVER DRIVEWAY*

MGMA

**MATERIALS & PRECEDENTS - CHURCH ST. FACADE**

**145 CHURCH STREET**
*15*


LDC
4585 DAISY REID AVENUE, SUITE 201 WOODBRIDGE, VIRGINIA 22192
PH: 703-680-4585 FX: 703-680-4775


ARCHITECTURAL INFORMATION

145 CHURCH ST NW

TOWN OF VIENNA, VIRGINIA

| DATE | DESIGN | NO. | DESCRIPTION | REVIEW BY | APPROVED | DATE |
|---|---|---|---|---|---|---|
| | | | | | | |

ENGINEER

REVISION APPROVED BY:

I HEREBY CERTIFY THAT OTHER THAN THE REVISIONS SHOWN HEREON, NO OTHER CHANGES HAVE BEEN MADE.

COMMONWEALTH OF VIRGINIA
SHANE D. REVELLE
LIC. NO. 035323
9/2/21
5/9/22
6/16/22
PROFESSIONAL ENGINEER

SCALE: N/A

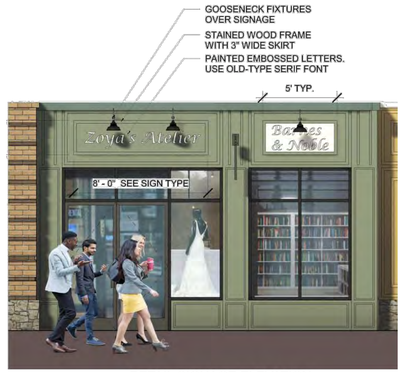
SHEET 23E OF 23

DATE: MARCH 2021

DRAFT: AY | CHECK: SDR

FILE NUMBER: 18041-3-0
PLAN #617447

P:\PY 2018\18041-3-0 Church Street, N.W. - 139A and 145\ENG\SITEPLAN\18041-3-0-CVR.dwg



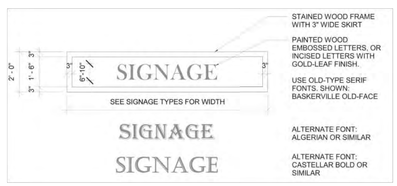

RETAIL SIGNAGE ELEVATION

MGMA

## RETAIL PERSPECTIVE

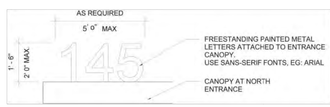
145 CHURCH STREET

16




SIGNAGE TYPE A

SIGNAGE TYPE C

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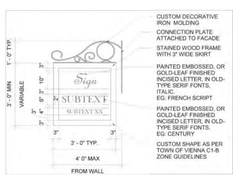


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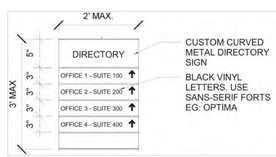


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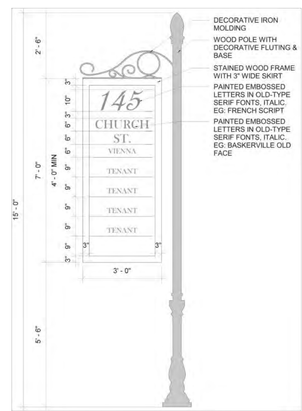


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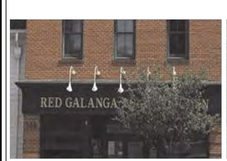

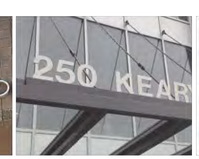


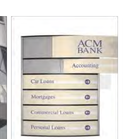

(A) WALL MOUNTED SIGN @ RETAIL STOREFRONT; MATERIAL: STAINED WOOD WITH EMBOSSED LETTERS. DIM: 2' X 5' (A1) QTY. 6, 2' X 6'6" (A2) QTY 4, 2' X 8' (A3), QTY: 4 PRECEDENCE: 144 CHURCH ST.

(B) WALL MOUNTED, PERPENDICULAR HANGING SIGN @ RETAIL STOREFRONT MATERIAL: STAINED WOOD WITH EMBOSSED LETTERS AND TRIMMING DIM: 3' X 3' QTY: 7

(C) CAST METAL LETTERS @ GARAGE ENTRY MATERIAL: METAL DIM: 1' X 10' MAX. QTY.: 1

(D) CANOPY MOUNTED LETTERS @ REAR ENTRANCES MATERIAL: METAL DIM: 2' X 5' MAX. QTY.: 2

(E) DIRECTORY SIGN MATERIAL: CURVED METAL & VINYL LETTERS DIM: 2' X 3' QTY.: 1

(F) FREESTANDING POLE WITH HANGING SIGN @ BACK ALLEY MATERIAL: WOOD POLE, STAINED WOOD WITH EMBOSSED LETTERS & TRIM; DIM: 3' X 7' QTY.: 1

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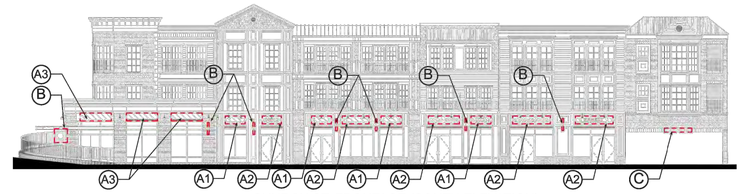
## SIGNAGE DETAILS

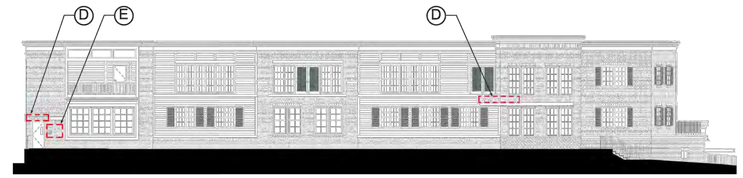
145 CHURCH STREET

18

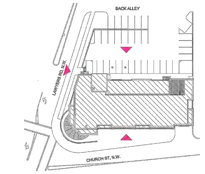



CHURCH ST. FRONTAGE (SOUTH ELEVATION)

LAWYER'S RD. FRONTAGE (WEST ELEVATION)




OFFICE FRONTAGE (NORTH ELEVATION)




### ZONING REQUIREMENT:

2 SF OF FACADE SIGNAGE PERMITTED FOR EACH LINEAR FOOT OF BUILDING FRONTAGE.

| | |
|---|---|
| CHURCH ST. FRONTAGE (SOUTH): | 166' |
| TOTAL BLDG MTD. SIGNAGE PERMITTED: | 332 SF |
| BUILDING MTD. SIGNAGE PROPOSED: | |
| CHURCH ST. FRONTAGE (SOUTH): | 270 SF |
| LAWYER'S RD. FRONTAGE(WEST): | 45 SF |
| REAR FRONTAGE (NORTH): | 26 SF |
| TOTAL BUILDING MTD. SIGNAGE AREA: | 323 SF |
| FREESTANDING SIGN: MAX. | 24 SF |
| FREESTANDING SIGN PROPOSED: | 21 SF |

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## SIGNAGE DETAILS

145 CHURCH STREET

17

### ZONING TABULATIONS

ZONING SUMMARY: ZONE C-1B, TOWN OF VIENNA

TOTAL SITE AREA: +/- 26,997 SF

| ZONING REGULATION | REQUIRED/ALLOWED | PROPOSED |
|---|---|---|
| BUILDING HEIGHT | 35' - 0" | 34' - 0 3/5" |
| FLOOR AREA RATIO (FAR) | 0.7 | 0.93 |

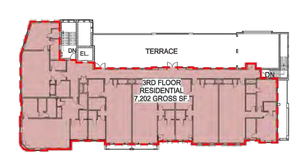
| | PROPOSED TOTAL GFA | PROPOSED AREAS BY USE |
|---|---|---|
| 3RD FLOOR | 7,202 GSF | 7,202 SF RESIDENTIAL |
| 2ND FLOOR | 5,853 GSF | 5,853 SF RESIDENTIAL |
| | 3,646 GSF | 3,646 SF COMMERCIAL |
| 1ST FLOOR | 8,400 GSF | 8,400 SF RETAIL |
| 1ST FLOOR PARKING | | 2,268 SF COMMERCIAL |

| USE TYPE | | PROPOSED AREAS BY USE | |
|---|---|---|---|
| RESIDENTIAL | | 13,055 SF | 47.7% |
| RETAIL/ COMMERCIAL | | 14,314 SF | 52.3% |
| TOTAL PROPOSED | = 25,101 GSF | = 27,369 SF | |

| PARKING | REQUIRED/ALLOWED | PROPOSED | |
|---|---|---|---|
| | 42 | 42 | |
| 1ST FLOOR LEVEL | | 12 | (3 COMPACT) |
| 1ST FLOOR LEVEL - PUBLIC PARKING | | 14 | |
| 2ND FLOOR LEVEL | | 30 | (9 COMPACT) |
| TOTAL # ADA SPACES | | 03 | |
| TOTAL # NON-ADA SPACES | | 39 | |

1 1ST FLOOR PLAN

2 2ND FLOOR PLAN




3 3RD FLOOR PLAN

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## FLOOR AREA AND PARKING CALCULATIONS

LDC
4585 DAISY REID AVENUE, SUITE 201 WOODBRIDGE, VIRGINIA 22192
PH: 703-680-4585 FX: 703-680-4775

ARCHITECTURAL INFORMATION

145 CHURCH ST NW

TOWN OF VIENNA, VIRGINIA

| DATE | DESIGN | NO. | DESCRIPTION | REVIEW | APPROVED | DATE |
|---|---|---|---|---|---|---|

REVISION APPROVED BY:

ENGINEER

I HEREBY CERTIFY THAT OTHER THAN THE REVISIONS SHOWN HEREON, NO OTHER CHANGES HAVE BEEN MADE.

COMMONWEALTH OF VIRGINIA
SHANE D. REVELLE
LIC. NO. 035323
9/2/21
5/9/22
6/16/22
PROFESSIONAL ENGINEER

SCALE: N/A

SHEET 23F OF 23

DATE: MARCH 2021

DRAFT: AY | CHECK: SDR

FILE NUMBER: 18041-3-0
PLAN #617447

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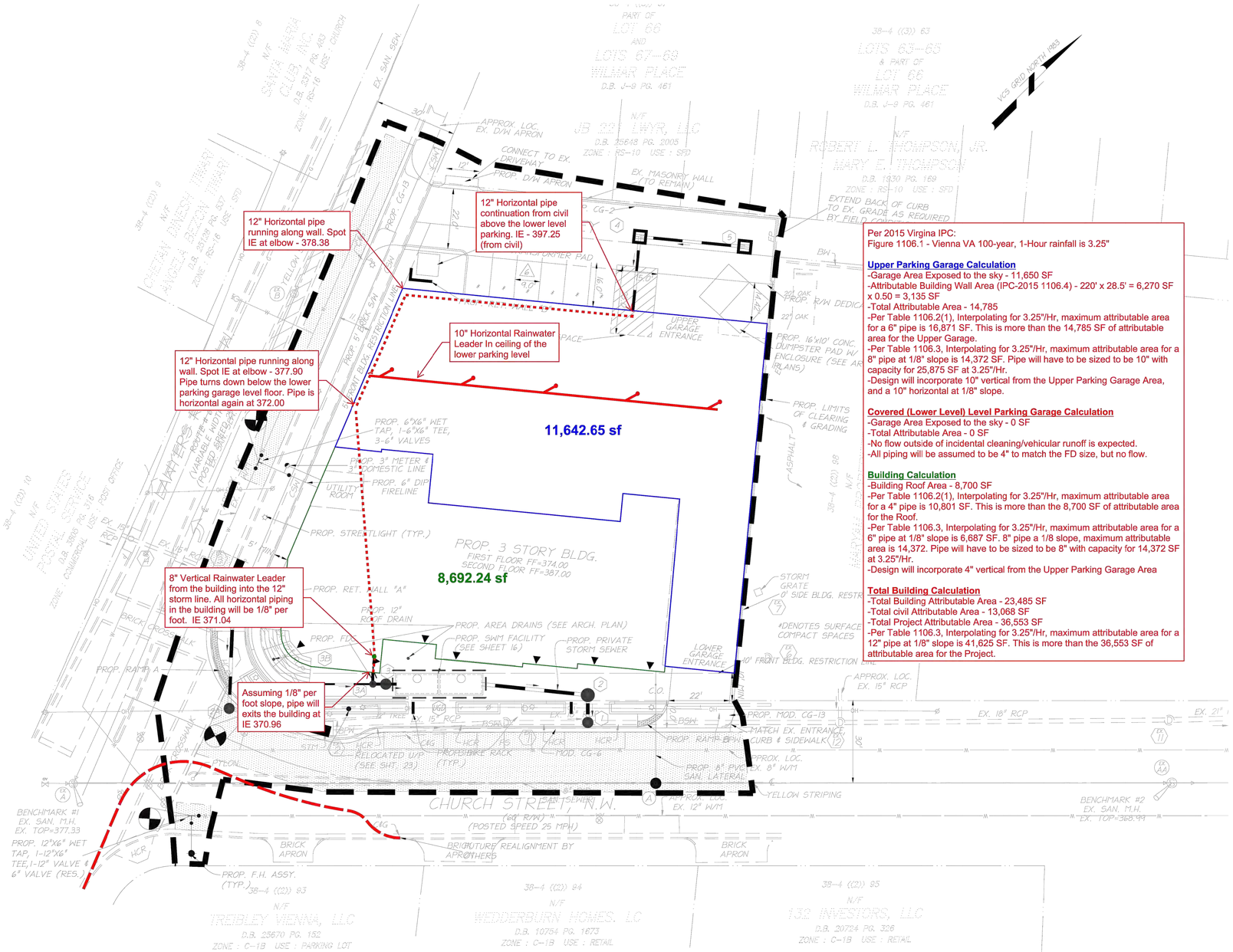


Per 2015 Virgina IPC:
Figure 1106.1 - Vienna VA 100-year, 1-Hour rainfall is 3.25"

**Upper Parking Garage Calculation**
-Garage Area Exposed to the sky - 11,650 SF
-Attributable Building Wall Area (IPC-2015 1106.4) - 220' x 28.5' = 6,270 SF x 0.50 = 3,135 SF
-Total Attributable Area - 14,785
-Per Table 1106.2(1), Interpolating for 3.25"/Hr, maximum attributable area for a 6" pipe is 16,871 SF. This is more than the 14,785 SF of attributable area for the Upper Garage.
-Per Table 1106.3, Interpolating for 3.25"/Hr, maximum attributable area for a 8" pipe at 1/8" slope is 14,372 SF. Pipe will have to be sized to be 10" with capacity for 25,875 SF at 3.25"/Hr.
-Design will incorporate 10" vertical from the Upper Parking Garage Area, and a 10" horizontal at 1/8" slope.

**Covered (Lower Level) Level Parking Garage Calculation**
-Garage Area Exposed to the sky - 0 SF
-Total Attributable Area - 0 SF
-No flow outside of incidental cleaning/vehicular runoff is expected.
-All piping will be assumed to be 4" to match the FD size, but no flow.

**Building Calculation**
-Building Roof Area - 8,700 SF
-Per Table 1106.2(1), Interpolating for 3.25"/Hr, maximum attributable area for a 4" pipe is 10,801 SF. This is more than the 8,700 SF of attributable area for the Roof.
-Per Table 1106.3, Interpolating for 3.25"/Hr, maximum attributable area for a 6" pipe at 1/8" slope is 6,687 SF. 8" pipe a 1/8 slope, maximum attributable area is 14,372. Pipe will have to be sized to be 8" with capacity for 14,372 SF at 3.25"/Hr.
-Design will incorporate 4" vertical from the Upper Parking Garage Area

**Total Building Calculation**
-Total Building Attributable Area - 23,485 SF
-Total civil Attributable Area - 13,068 SF
-Total Project Attributable Area - 36,553 SF
-Per Table 1106.3, Interpolating for 3.25"/Hr, maximum attributable area for a 12" pipe at 1/8" slope is 41,625 SF. This is more than the 36,553 SF of attributable area for the Project.

**Building Stormwater Pipe Size Calculations**
**Bala, DLW, 06/16/2022**

GRAPHIC SCALE:
1" = 20'
20' 0 20' 40' 60'

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PH: 703-680-4585 FX: 703-680-4775

ARCHITECTURAL INFORMATION

145 CHURCH ST NW

TOWN OF VIENNA, VIRGINIA

| DATE | DESIGN | NO. | DESCRIPTION | REVIEW BY | APPROVED | DATE |
|---|---|---|---|---|---|---|
| | | | | | | |

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COMMONWEALTH OF VIRGINIA
SHANE D. REVELLE
LIC. NO. 035323
9/2/21
5/9/22
6/16/22
PROFESSIONAL ENGINEER

SCALE: N/A

SHEET 23G OF 23

DATE: MARCH 2021

DRAFT: AY | CHECK: SDR

FILE NUMBER: 18041-3-0
PLAN #617447

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TYPE "S"

## Basic Acorn

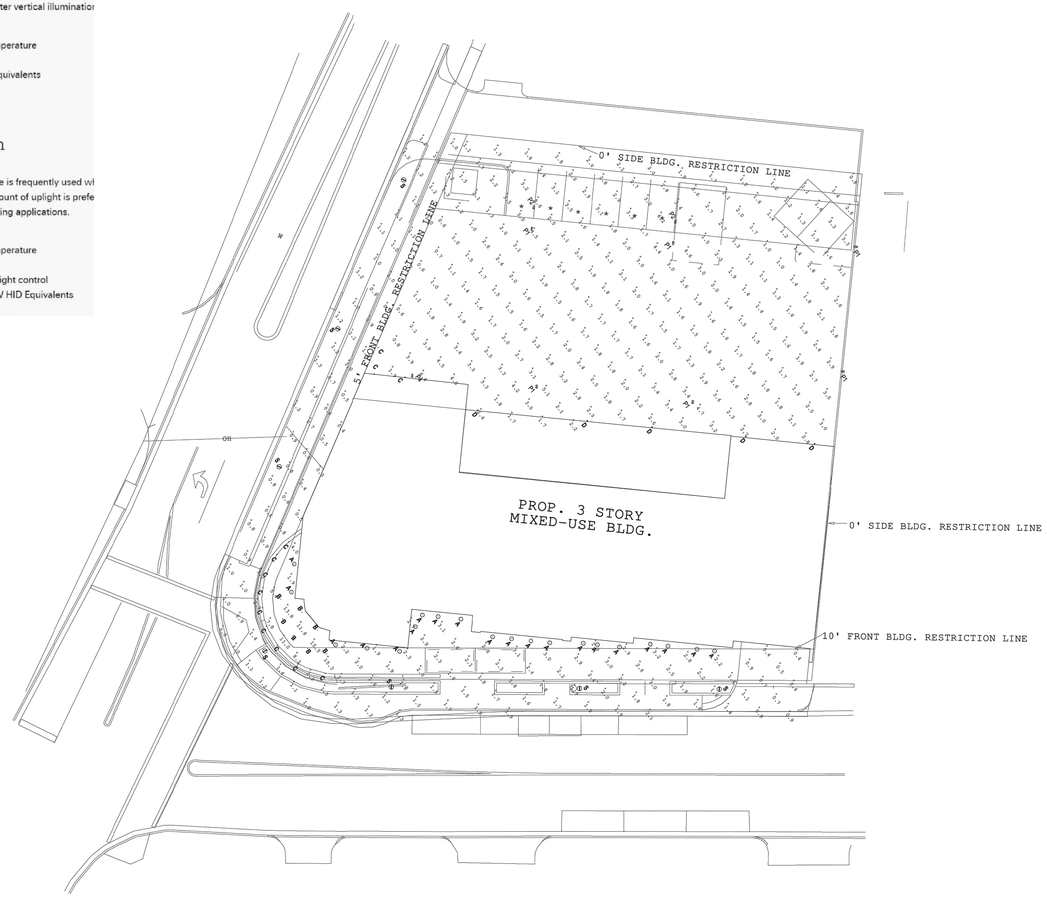
The Acorn style luminaire is frequently used in urban a
lighting applications where greater vertical illuminatio

- Basic style luminaire
- 3000K & 4000K color temperature
- Type V lighting pattern
- 70W, 100W, 150W HID equivalents

## Carlyle Acorn

The Carlyle Acorn style luminaire is frequently used wl
illumination and a moderate amount of uplight is prefe
streetscape and pedestrian lighting applications.

- Basic style luminaire
- 3000K & 4000K color temperature
- Type III lighting pattern
- Internal glass refractor for light control
- 70W, 100W, 150W, 250W HID Equivalents




2 / E0.51 **SITE PHOTOMETRICS**
NTS

### EXTERIOR LIGHTING FIXTURE SCHEDULE

| TYPE | DESCRIPTION | LIGHT SOURCE | INPUT WATTAGE | SUPPLY VOLTAGE | DIMMING SYSTEM | LUMENS | CCT / CRI | MOUNTING | MANUFACTURER AND CATALOG NUMBER | REMARKS | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|
| A | GOOSE NECK ARM WALL MOUNTED LED | LED | 18W | 120/277 | TRIAC | 1265 lm | 2700K 90 CRI | ARM MOUNTED | TROY RLM LIGHTING: AR16LED1827NB-3LM30MB | | 1,2 |
| B | CANOPY MONOPOINT SURFACE MOUNTED LED, 45° OPTIC | LED | 14W | 120/277 | 0-10V | 980 lm | 2700K 90 CRI | SURFACE MOUNTED | TROY RLM LIGHTING: LBLED14MB | | 1,2 |
| C | WALKWAY WALL MOUNTED LED | LED | 3W | 120/277 | N/A | 172 lm | 2700K 80 CRI | WALL MOUNTED | BEGA: 22215-K27-BLK | | 1,2 |
| D | SHEILDED WALL MOUNTED LED | LED | 12W | 120/277 | 0-10V | 722 lm | 2700K 80 CRI | WALL MOUNTED | BEGA: 66410-K27-BLK | | 1,2 |
| P1 | PARKING LOT SITE LIGHT, MOUNTED ON 10' SQUARE STRAIGHT ALUMINUM POLE WITH GREY POLYESTER POWDER COAT FINISH | LED | 33W | UNV | N/A | 4617 lm | 2700K 70 CRI | SEE PLAN | COOPER: GALN-SA1-A-727-U-T4FT-AP; SSA5M10WV22 | 10' MOUNTING HEIGHT | 1,2 |
| P2 | PARKING LOT SITE LIGHT, MOUNTED ON 10' SQUARE STRAIGHT ALUMINUM POLE WITH GREY POLYESTER POWDER COAT FINISH | LED | 33W | UNV | N/A | 4619 lm | 2700K 70 CRI | SEE PLAN | COOPER: GALN-SA1-A-727-U-SL2-AP; SSA5M10WV22 | 10' MOUNTING HEIGHT | 1,2 |
| P4 | PARKING LOT SITE LIGHT | LED | 33W | UNV | N/A | 3989 lm | 2700K 70 CRI | SEE PLAN | COOPER: GALN-SA1-A-727-U-SLR-AP | 10' MOUNTING HEIGHT | 1,2 |
| S | DOMINION POLE MOUNTED STREET LED | LED | 33W | UNV | N/A | 6001lm | 3000K 70 CRI | POLE MOUNTED | DOMINION: 42316014 | 12' MOUNTING HEIGHT | 1,2 |

NOTE-1 LIGHT FIXTURE SCHEDULE REPRESENTS THE BASIS OF DESIGN FOR THE PROJECT. ANY SUBSTITUTIONS MUST MEET OR EXCEED PERFORMANCE, CONSTRUCTION, APPEARANCE, ENERGY CODE, BALLAST FACTOR AND LIGHT LEVELS. THE SHOP DRAWING SUBMITTAL FOR SUBSTITUTED FIXTURES MUST ADDRESS PERFORMANCE, CONSTRUCTION, APPEARANCE, LIGHT LEVELS OR IT WILL BE REJECTED.

NOTE-2 COORDINATE FINISH WITH ARCHITECT

Calculation Summary

| Label | CalcType | Units | Avg | Max | Min | Avg/Min | Max/Min |
|---|---|---|---|---|---|---|---|
| ENTRY CANOPY | Illuminance | Fc | 7.77 | 15.8 | 1.7 | 4.57 | 9.12 |
| PARKING LOT | Illuminance | Fc | 2.22 | 6.4 | 0.6 | 3.70 | 10.67 |
| SIDEWALKS | Illuminance | Fc | 1.49 | 3.5 | 0.3 | 4.97 | 11.67 |


MGMA
131 GREAT FALLS STREET FALLS CHURCH VIRGINIA 22046
703.538.7100 703.538.7112 FAX WWW.MGMADESIGN.COM


141 CHURCH ST.

141 CHURCH ST. NW
VIENNA, VA 22180

SUBMISSIONS / REVISIONS

| NO. | DESCRIPTION | DATE |
|---|---|---|
| | | |

| | |
|---|---|
| PRINCIPAL | |
| SR. PROJ. ARCH. | |
| PROJ. ARCH. | |

SEALS

JOB NUMBER 80-21-716

ELECTRICAL SITE PHOTOMETRICS

E0.51


LDC
4585 DAISY REID AVENUE, SUITE 201 WOODBRIDGE, VIRGINIA 22192
PH: 703-680-4585 FX: 703-680-4775


PHOTOMETRIC PLAN

145 CHURCH ST NW

TOWN OF VIENNA, VIRGINIA

| DATE | DESIGN | NO. | DESCRIPTION | REVIEW BY | APPROVED | DATE |
|---|---|---|---|---|---|---|

ENGINEER

REVISION APPROVED BY:

I HEREBY CERTIFY THAT OTHER THAN THE REVISIONS SHOWN HEREON, NO OTHER CHANGES HAVE BEEN MADE.

COMMONWEALTH OF VIRGINIA
SHANE D. REVELLE
LIC. NO. 035323
9/2/21
5/9/22
6/16/22
PROFESSIONAL ENGINEER

SCALE: N/A

SHEET 23H OF 23

DATE: MARCH 2021

DRAFT: AY CHECK: SDR

FILE NUMBER: 18041-3-0
PLAN #617447

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# TYPE "A"

## ARCHETYPE
Aluminum Shade with Glass and Guard Options

| AR14, AR16 | PROJECT: |
|---|---|
| SPEC-00022 UPDATED 04/09/2022 | NOTE: |

AR16MTBZ-CGWC-3 / 3SL23TBZ

**ELECTRICAL**
- 120V input (277V available in arm and post option only)
- Integrated power supply allows the fixture to be connected directly into line voltage
- Pre-wired and ready for install
- LED is dimmable with Incandescent/Triac dimmers

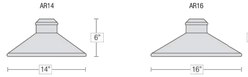
**MOUNTING**
- 3½" or 9¾" IP for arms. Flush mount, stems available only in 3½"
- 9' Pendant cord available in black or white cord (includes 5" canopy with the same finish as the shade)

**FINISHES**
- Shade and mounting finish options
- Available in 22 standard and 1 specialty finishes with optional coastal coating to protect finish in coastal environments (add '-C' to the finish)
- Inner shade is painted gloss white
- Consult factory for custom finish options

**OPTIONAL ACCESSORIES**
Glass, Cast Guard or Wire Cage options available

**LISTING**
UL listed to US and Canadian standards for wet locations[2]

c UL us LISTED WET LOCATION




**ARCHETYPE ORDER MATRIX** (EXAMPLE: AR16MTBZ-CGWC-3)

| Diameter | Lamp / LED | Finish | Coastal Coating | Accessories | Mounting Type |
|---|---|---|---|---|---|
| ☐ **AR14** (14") | ☐ **M** (Medium Base, 100W max.) | ☐ **ABL** (Aegean Blue) | ☐ **(blank)** (No Coating) | ☐ **(blank)** (No Accessories) | ☐ **-2** (½" IP) |
| ◉ **AR16** (16") | ☐ **LED1227**[1,2,3] (12W LED, 2700K, 90 CRI, 844lm) | ☐ **BB** (Burnished Bronze) | ☐ **-C** (Coating) | ☐ **-CG** (Clear Glass) | ☐ **-3** (¾" IP) |
| | ☐ **LED1230**[1,2,3] (12W LED, 3000K, 90 CRI, 861lm) | ☐ **BK** (Gloss Black) | | ☐ **-FG** (Frosted Glass) | ☐ **-B** (Black Cord endart) |
| | ☐ **LED1235**[1,2,3] (12W LED, 3500K, 90 CRI, 872lm) | ☐ **BLU** (Blue) | | ☐ **-CGG** (Clear Glass w/ Cast Guard) | ☐ **-W** (White Cord endart) |
| | ☐ **LED1240**[1,2,3] (12W LED, 4000K, 90 CRI, 888lm) | ☐ **DVG** (Dove Gray) | | | ☐ **-F** (Flush Mount) |
| | ◉ **LED1827**[1,2,3] (18W LED, 2700K, 90 CRI, 1265lm) | ☐ **FLG** (Flannel Gray) | | ☐ **-FGG** (Frosted Glass w/ Cast Guard) | |
| | ☐ **LED1830**[1,2,3] (18W LED, 3000K, 90 CRI, 1288lm) | ☐ **GA** (Galvanized) | | | |
| | ☐ **LED1835**[1,2,3] (18W LED, 3500K, 90 CRI, 1311lm) | ☐ **LG** (Lime Green) | | ☐ **-CGWC** (Clear Glass w/ Wire Cage) | |
| | ☐ **LED1840**[1,2,3] (18W LED, 4000K, 90 CRI, 1334lm) | ◉ **MB** (Matte Black) | | | |
| | | ☐ **MBL** (Midnight Blue) | | ☐ **-FGWC** (Frosted Glass w/ Wire Cage) | |
| | | ☐ **PNA** (Painted Natural Aluminum) | | | |
| | | ☐ **PNC** (Painted Natural Copper) | | | |
| | | ☐ **RD** (Red) | | | |
| | | ☐ **SGR** (Sage Green) | | | |
| | | ☐ **SGW** (Semi Gloss White) | | | |
| | | ☐ **SND** (Sand) | | | |
| | | ☐ **SS** (Satin Silver) | | | |
| | | ☐ **TBZ** (Textured Bronze) | | | |
| | | ☐ **TGP** (Textured Graphite) | | | |
| | | ☐ **TNG** (Tangerine) | | | |
| | | ☐ **TTL** (Tahitian Teal) | | | |
| | | ☐ **WT** (Gloss White) | | | |
| | | ☐ **YEL** (Yellow) | | | |

1. Lamps must be specified, and are not included in shade cost
2. Glass enclosure must be specified
3. Lumen are raw LED value

**STANDARD FINISHES**

ABL (Aegean Blue), BB (Burnished Bronze), BK (Gloss Black), BLU (Blue), DVG (Dove Gray), FLG (Flannel Gray), LG (Lime Green), MB (Matte Black), MBL (Midnight Blue), PNA (Painted Natural Aluminum), PNC (Painted Natural Copper), RD (Red), SGR (Sage Green), SGW (Semi Gloss White), SND (Sand), SS (Satin Silver), TBZ (Textured Bronze), TGP (Textured Graphite), TNG (Tangerine), TTL (Tahitian Teal), WT (Gloss White), YEL (Yellow)

**SPECIALTY FINISHES**

GA (Galvanized)



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# TYPE "B"

## LS SERIES
Aluminum Fixture Head with 360° Horizontal & 180° Vertical Rotation

| LB | PROJECT: |
|---|---|
| SPEC-00031 UPDATED 04/09/2022 | NOTE: |

**ELECTRICAL**
- 120/277V input
- Integrated power supply allows the fixture to be connected directly into line voltage
- Pre-wired and ready for install
- Dimmable with 120V Incandescent/Triac/ 0-10V dimmers

**MOUNTING**
- ¾" IP for arm, stem or monopoint options

**FINISHES**
- Available in 22 standard and 1 specialty finishes with optional coastal coating to protect finish in coastal environments (add '-C' to the finish)
- Consult factory for custom finish options Adjustability
- 360° horizontal and 180° vertical rotation

**OPTICS**
25°, 45°[2] and 65° optics included

**LISTING**
UL listed to US and Canadian standards for wet locations

c UL us LISTED WET LOCATION

BULLET HEAD
LB

### MONOPOINT

MONOPOINT
LBLED14W-3 / 3LBMNPWT

MONOPOINT
LBLED14BLU-3 / 3LBMNPBLU

MONOPOINT
LBLED14BK-3 / 3LBMNPBK

**MONOPOINT ORDER MATRIX** (EXAMPLE: 3LBMNPTBZ)

| Pipe Size | Stem Length | Finish | Coastal Coating |
|---|---|---|---|
| **3** (¾" IP) | **LBMNP** | Available Finish (Use finish code at bottom) | **(blank)** (No Coating) **-C** (Coating) |

**LS SERIES - BULLET HEAD ORDER MATRIX** (EXAMPLE: LBLED14TBZ-3)

| Diameter | LED | Finish | Coastal Coating | Mounting Type |
|---|---|---|---|---|
| **LB** BULLET HEAD | **LED14**[1,2] (14W LED, 2700K, 90 CRI, 980lm) | ☐ **ABL** (Aegean Blue) | ☐ **(blank)** (No Coating) | ☐ **-3** (¾" IP) |
| | | ☐ **BB** (Burnished Bronze) | ☐ **-C** (Coating) | |
| | | ☐ **BK** (Gloss Black) | | |
| | | ☐ **BLU** (Blue) | | |
| | | ☐ **DVG** (Dove Gray) | | |
| | | ☐ **FLG** (Flannel Gray) | | |
| | | ☐ **GA** (Galvanized) | | |
| | | ☐ **LG** (Lime Green) | | |
| | | ◉ **MB** (Matte Black) | | |
| | | ☐ **MBL** (Midnight Blue) | | |
| | | ☐ **PNA** (Painted Natural Aluminum) | | |
| | | ☐ **PNC** (Painted Natural Copper) | | |
| | | ☐ **RD** (Red) | | |
| | | ☐ **SGR** (Sage Green) | | |
| | | ☐ **SGW** (Semi Gloss White) | | |
| | | ☐ **SND** (Sand) | | |
| | | ☐ **SS** (Satin Silver) | | |
| | | ☐ **TBZ** (Textured Bronze) | | |
| | | ☐ **TGP** (Textured Graphite) | | |
| | | ☐ **TNG** (Tangerine) | | |
| | | ☐ **TTL** (Tahitian Teal) | | |
| | | ☐ **WT** (Gloss White) | | |
| | | ☐ **YEL** (Yellow) | | |

1. Lamps/LED included
2. Lumen are raw LED value

**STANDARD FINISHES**

ABL (Aegean Blue), BB (Burnished Bronze), BK (Gloss Black), BLU (Blue), DVG (Dove Gray), FLG (Flannel Gray), LG (Lime Green), MB (Matte Black), MBL (Midnight Blue), PNA (Painted Natural Aluminum), PNC (Painted Natural Copper), RD (Red), SGR (Sage Green), SGW (Semi Gloss White), SND (Sand), SS (Satin Silver), TBZ (Textured Bronze), TGP (Textured Graphite), TNG (Tangerine), TTL (Tahitian Teal), WT (Gloss White), YEL (Yellow)

**SPECIALTY FINISHES**

GA (Galvanized)



14508 Nelson Ave. City of Industry, CA 91744 • tel: 626.336.4511 • fax: 626.330.4266 • www.TroyFLM.com
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# TYPE "C"

Wall luminaire - directed light

**BEGA**

**Application**
Wall luminaire with directed light. As individual luminaires with low mounting height, they can be used for marking danger areas or in rows for illuminating corridors and passageways. With high mounting heights they can be used as wall luminaires next to doors or for lighting small wall areas.

**Materials**
Luminaire housing constructed of die-cast marine grade, copper free (≤0.3% copper content) A360.0 aluminum alloy
Matte safety glass
High temperature silicone gasket
Mechanically captive stainless steel fasteners

**NRTL** listed to North American Standards, suitable for wet locations
Protection class IP64
Weight: 0.9 lbs

**Electrical**

| | |
|---|---|
| Operating voltage | 120-277V AC |
| Minimum start temperature | -20° C |
| LED module wattage | 2.1 W |
| System wattage | 3.0 W |
| Controllability | Dimming not available |
| Color rendering index | Ra > 90 |
| Luminaire lumens | 172 lumens (4000K) |
| LED service life (L70) | 60,000 hours |

**LED color temperature**
☐ 4000K - Product number + **K4**
☐ 3500K - Product number + **K35**
☐ 3000K - Product number + **K3**
◉ 2700K - Product number + **K27**

**BEGA** can supply you with suitable LED replacement modules for up to 20 years after the purchase of LED luminaires - see website for details

**Finish**
All BEGA standard finishes are matte, textured polyester powder coat with minimum 3 mil thickness.
Available colors ◉ Black (BLK) ☐ White (WHT) ☐ RAL: ☐ Bronze (BRZ) ☐ Silver (SLV) ☐ CUS:

Type: @ stone wall
BEGA Product:
Project: 145 Church Street
Modified:

**Wall luminaire** - directed light

| | LED | A | B | C | Required wiring box |
|---|---|---|---|---|---|
| **22215** | 2.1 W | 3½ | 3¾ | 2⅝ | **19538** |

**BEGA** 1000 BEGA Way, Carpinteria, CA 93013 (805) 684-0533 info@bega-us.com
Due to the dynamic nature of lighting products and the associated technologies, luminaire data on this sheet is subject to change at the discretion of BEGA North America. For the most current technical data, please refer to bega-us .com
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# TYPE "D"

LED wall luminaire - partially shielded

**BEGA**

**Application**
This LED wall luminaire has a partially shielded light source and is designed for the down lighting of interior and exterior locations with glare-free illumination.

**Materials**
Luminaire housing constructed of die-cast and spun marine grade, copper free (≤0.3% copper content) A360.0 aluminum alloy
Three-ply opal glass
High temperature silicone gasket

**NRTL** listed to North American Standards, suitable for wet locations
Protection class IP44
Weight: 3.3 lbs

**Electrical**

| | |
|---|---|
| Operating voltage | 120-277V AC |
| Minimum start temperature | -20° C |
| LED module wattage | 8.9 W |
| System wattage | 12 W |
| Controllability | 0-10V dimmable |
| Color rendering index | Ra > 90 |
| Luminaire lumens | 722 lumens (3000K) |
| Lifetime at Ta = 15° C | 500,000 h (L70) |
| Lifetime at Ta = 40° C | 268,000 h (L70) |

**LED color temperature**
☐ 4000K - Product number + **K4**
☐ 3500K - Product number + **K35**
☐ 3000K - Product number + **K3**
◉ 2700K - Product number + **K27**

**BEGA** can supply you with suitable LED replacement modules for up to 20 years after the purchase of LED luminaires - see website for details

**Finish**
All BEGA standard finishes are matte, textured polyester powder coat with minimum 3 mil thickness.
Available colors ◉ Black (BLK) ☐ White (WHT) ☐ RAL: ☐ Bronze (BRZ) ☐ Silver (SLV) ☐ CUS:

Type:
BEGA Product:
Project: 145 Church Street
Modified:

**LED wall luminaire** - partially shielded

| | LED | A | B | C | D |
|---|---|---|---|---|---|
| **66410** | 8.9W | 10⅞ | 10⅞ | 12⅝ | 4⅝ |

**BEGA** 1000 BEGA Way, Carpinteria, CA 93013 (805) 684-0533 info@bega-us.com
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# TYPES "P1", "P2", & "P4"

## McGraw-Edison
### GALN Galleon II

Area / Site Luminaire

**Product Features**

Light Adjustment™

**Interactive Menu**

- Ordering Information page 2
- Mounting Details page 3
- Optical Distributions page 5
- Product Specifications page 5
- Energy and Performance Data page 6
- Control Options page 10

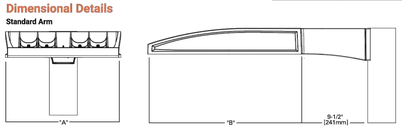

**Product Certifications**

**Quick Facts**
- Lumen packages range from 3,300 - 73,500 (33W - 552W)
- 16 optical distributions
- Efficacy up to 159 lumens per watt

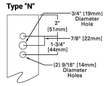
**Connected Systems**
- WaveLinx Lite
- WaveLinx

**Dimensional Details**

Standard Arm




Pole Drilling Patterns
Type "N"




| Number of Light Squares | Width "A" | Housing Length "B" | Weight with Standard or QM Arm | EPA with Standard or QM Arm |
|---|---|---|---|---|
| 1-4 | 16" | 22" | 29 lb | 0.95 |
| 5-6 | 22" | 22" | 39 lb | 0.95 |
| 7-9 | 22" | 28-1/8" | 48 lb | 1.1 |

**NOTES:**
1. For arm selection requirements and additional fitter art, see Mounting Details section.

**NOTES:**
1. Visit https://www.designlights.org/search/ to confirm qualification. Not all product variations are DLC qualified.
2. IDA Certified (3000K CCT and warmer only, fixed mounting options)

COOPER Lighting Solutions



# TYPE "P1"

## McGraw-Edison
### GALN Galleon II

**Ordering Information**
SAMPLE NUMBER: **GALN-SA4C-740-U-T4FT-GM**

| Product Family [1,2] | Light Engine: Configuration | Light Engine: Drive Current | Color Temperature | Voltage | Distribution | Mounting | Finish |
|---|---|---|---|---|---|---|---|
| **GALN**=Galleon II<br>**BAA-GALN**=Galleon II Buy American Act Compliant [22]<br>**TAA-GALN**=Galleon II Trade Agreements Act Compliant [22] | **SA1**=1 Square<br>**SA2**=2 Squares<br>**SA3**=3 Squares<br>**SA4**=4 Squares<br>**SA5**=5 Squares<br>**SA6**=6 Squares<br>**SA7**=7 Squares<br>**SA8**=8 Squares<br>**SA9**=9 Squares | **A**=600mA<br>**B**=800mA<br>**C**=1000mA<br>**D**=1200mA [4,17] | **722**=3000, 2200K<br>**727**=3000, 2700K [1]<br>**730**=3000, 3000K<br>**735**=3000, 3500K<br>**740**=3000, 4000K<br>**750**=3000, 5000K<br>**760**=3000, 6000K<br>**827**=8000, 2700K<br>**830**=8000, 3000K<br>**AMB**=Amber, 590nm [16,17] | **U**=120-277V<br>**H**=347V-480V [1,18]<br>**1**=120V<br>**2**=208V<br>**3**=240V<br>**4**=277V<br>**8**=480V [1]<br>**9**=347V [1,18]<br>**DV**=277V-480V DuraVolt Drivers [19,20,21] | **T2**=Type II<br>**T2R**=Type II Roadway<br>**T3**=Type III<br>**T3R**=Type III Roadway<br>**T4FT**=Type IV Forward Throw<br>**T4W**=Type IV Wide<br>**5NQ**=Type V Narrow<br>**5MQ**=Type V Square Medium<br>**5WQ**=Type V Square Wide<br>**SL2**=Type II w/Spill Control<br>**SL3**=Type III w/Spill Control<br>**SL4**=Type IV w/Spill Control<br>**SLL**=90° Spill Light Eliminator Left<br>**SLR**=90° Spill Light Eliminator Right<br>**RW**=Rectangular Wide Type I<br>**AFL**=Automotive Frontline | (**blank**)=Standard Pole Mount Arm<br>**GM**=Standard Pole Mount Arm with Quick Mount Adaptor<br>**PA**=Pole Mount, Adjustable<br>**SP**=Slipfitter, Adjustable [6]<br>**MA**=Mast Arm, Fixed<br>**WM**=Wall Mount, Fixed<br>**WA**=Wall Mount, Adjustable<br>**UP**=Upswept Arm | **AP**=Grey<br>**BZ**=Bronze<br>**BK**=Black<br>**DP**=Dark Platinum<br>**GM**=Graphite Metallic<br>**WH**=White<br>**RALXX**=Custom Color |

# TYPE "P2"

## McGraw-Edison
### GALN Galleon II

**Ordering Information**
SAMPLE NUMBER: **GALN-SA4C-740-U-T4FT-GM**

| Product Family [1,2] | Light Engine: Configuration | Light Engine: Drive Current | Color Temperature | Voltage | Distribution | Mounting | Finish |
|---|---|---|---|---|---|---|---|
| **GALN**=Galleon II<br>**BAA-GALN**=Galleon II Buy American Act Compliant [22]<br>**TAA-GALN**=Galleon II Trade Agreements Act Compliant [22] | **SA1**=1 Square<br>**SA2**=2 Squares<br>**SA3**=3 Squares<br>**SA4**=4 Squares<br>**SA5**=5 Squares<br>**SA6**=6 Squares<br>**SA7**=7 Squares<br>**SA8**=8 Squares<br>**SA9**=9 Squares | **A**=600mA<br>**B**=800mA<br>**C**=1000mA<br>**D**=1200mA [4,17] | **722**=3000, 2200K<br>**727**=3000, 2700K [1]<br>**730**=3000, 3000K<br>**735**=3000, 3500K<br>**740**=3000, 4000K<br>**750**=3000, 5000K<br>**760**=3000, 6000K<br>**827**=8000, 2700K<br>**830**=8000, 3000K<br>**AMB**=Amber, 590nm [16,17] | **U**=120-277V<br>**H**=347V-480V [1,18]<br>**1**=120V<br>**2**=208V<br>**3**=240V<br>**4**=277V<br>**8**=480V [1]<br>**9**=347V [1,18]<br>**DV**=277V-480V DuraVolt Drivers [19,20,21] | **T2**=Type II<br>**T2R**=Type II Roadway<br>**T3**=Type III<br>**T3R**=Type III Roadway<br>**T4FT**=Type IV Forward Throw<br>**T4W**=Type IV Wide<br>**5NQ**=Type V Narrow<br>**5MQ**=Type V Square Medium<br>**5WQ**=Type V Square Wide<br>**SL2**=Type II w/Spill Control<br>**SL3**=Type III w/Spill Control<br>**SL4**=Type IV w/Spill Control<br>**SLL**=90° Spill Light Eliminator Left<br>**SLR**=90° Spill Light Eliminator Right<br>**RW**=Rectangular Wide Type I<br>**AFL**=Automotive Frontline | (**blank**)=Standard Pole Mount Arm<br>**GM**=Standard Pole Mount Arm with Quick Mount Adaptor<br>**PA**=Pole Mount, Adjustable<br>**SP**=Slipfitter, Adjustable [6]<br>**MA**=Mast Arm, Fixed<br>**WM**=Wall Mount, Fixed<br>**WA**=Wall Mount, Adjustable<br>**UP**=Upswept Arm | **AP**=Grey<br>**BZ**=Bronze<br>**BK**=Black<br>**DP**=Dark Platinum<br>**GM**=Graphite Metallic<br>**WH**=White<br>**RALXX**=Custom Color |

# TYPE "P4"

## McGraw-Edison
### GALN Galleon II

**Ordering Information**
SAMPLE NUMBER: **GALN-SA4C-740-U-T4FT-GM**

| Product Family [1,2] | Light Engine: Configuration | Light Engine: Drive Current | Color Temperature | Voltage | Distribution | Mounting | Finish |
|---|---|---|---|---|---|---|---|
| **GALN**=Galleon II<br>**BAA-GALN**=Galleon II Buy American Act Compliant [22]<br>**TAA-GALN**=Galleon II Trade Agreements Act Compliant [22] | **SA1**=1 Square<br>**SA2**=2 Squares<br>**SA3**=3 Squares<br>**SA4**=4 Squares<br>**SA5**=5 Squares<br>**SA6**=6 Squares<br>**SA7**=7 Squares<br>**SA8**=8 Squares<br>**SA9**=9 Squares | **A**=600mA<br>**B**=800mA<br>**C**=1000mA<br>**D**=1200mA [4,17] | **722**=3000, 2200K<br>**727**=3000, 2700K [1]<br>**730**=3000, 3000K<br>**735**=3000, 3500K<br>**740**=3000, 4000K<br>**750**=3000, 5000K<br>**760**=3000, 6000K<br>**827**=8000, 2700K<br>**830**=8000, 3000K<br>**AMB**=Amber, 590nm [16,17] | **U**=120-277V<br>**H**=347V-480V [1,18]<br>**1**=120V<br>**2**=208V<br>**3**=240V<br>**4**=277V<br>**8**=480V [1]<br>**9**=347V [1,18]<br>**DV**=277V-480V DuraVolt Drivers [19,20,21] | **T2**=Type II<br>**T2R**=Type II Roadway<br>**T3**=Type III<br>**T3R**=Type III Roadway<br>**T4FT**=Type IV Forward Throw<br>**T4W**=Type IV Wide<br>**5NQ**=Type V Narrow<br>**5MQ**=Type V Square Medium<br>**5WQ**=Type V Square Wide<br>**SL2**=Type II w/Spill Control<br>**SL3**=Type III w/Spill Control<br>**SL4**=Type IV w/Spill Control<br>**SLL**=90° Spill Light Eliminator Left<br>**SLR**=90° Spill Light Eliminator Right<br>**RW**=Rectangular Wide Type I<br>**AFL**=Automotive Frontline | (**blank**)=Standard Pole Mount Arm<br>**GM**=Standard Pole Mount Arm with Quick Mount Adaptor<br>**PA**=Pole Mount, Adjustable<br>**SP**=Slipfitter, Adjustable [6]<br>**MA**=Mast Arm, Fixed<br>**WM**=Wall Mount, Fixed<br>**WA**=Wall Mount, Adjustable<br>**UP**=Upswept Arm | **AP**=Grey<br>**BZ**=Bronze<br>**BK**=Black<br>**DP**=Dark Platinum<br>**GM**=Graphite Metallic<br>**WH**=White<br>**RALXX**=Custom Color |

LDC
4585 DAISY REID AVENUE, SUITE 201 WOODBRIDGE, VIRGINIA 22192
PH: 703-680-4585 FX: 703-680-4775

PHOTOMETRIC DETAILS

145 CHURCH ST NW

TOWN OF VIENNA, VIRGINIA

| DATE | DESIGN NO. | DESCRIPTION | REVIEW BY: | APPROVED BY: | DATE |
|---|---|---|---|---|---|
| | | | | | |

ENGINEER

I HEREBY CERTIFY THAT OTHER THAN THE REVISIONS SHOWN HEREON, NO OTHER CHANGES HAVE BEEN MADE.

COMMONWEALTH OF VIRGINIA
SHANE D. REVELLE
LIC. NO. 035323
9/2/21
5/9/22
6/16/22
PROFESSIONAL ENGINEER

SCALE: N/A

SHEET 231 OF 23

DATE: MARCH 2021

DRAFT: AY CHECK: SDR

FILE NUMBER: 18041-3-0
PLAN #617447

P:\PY 2018\18041-3-0 Church Street, N.W. - 139A and 145\ENG\SITEPLAN\18041-3-0-CVR.dwg