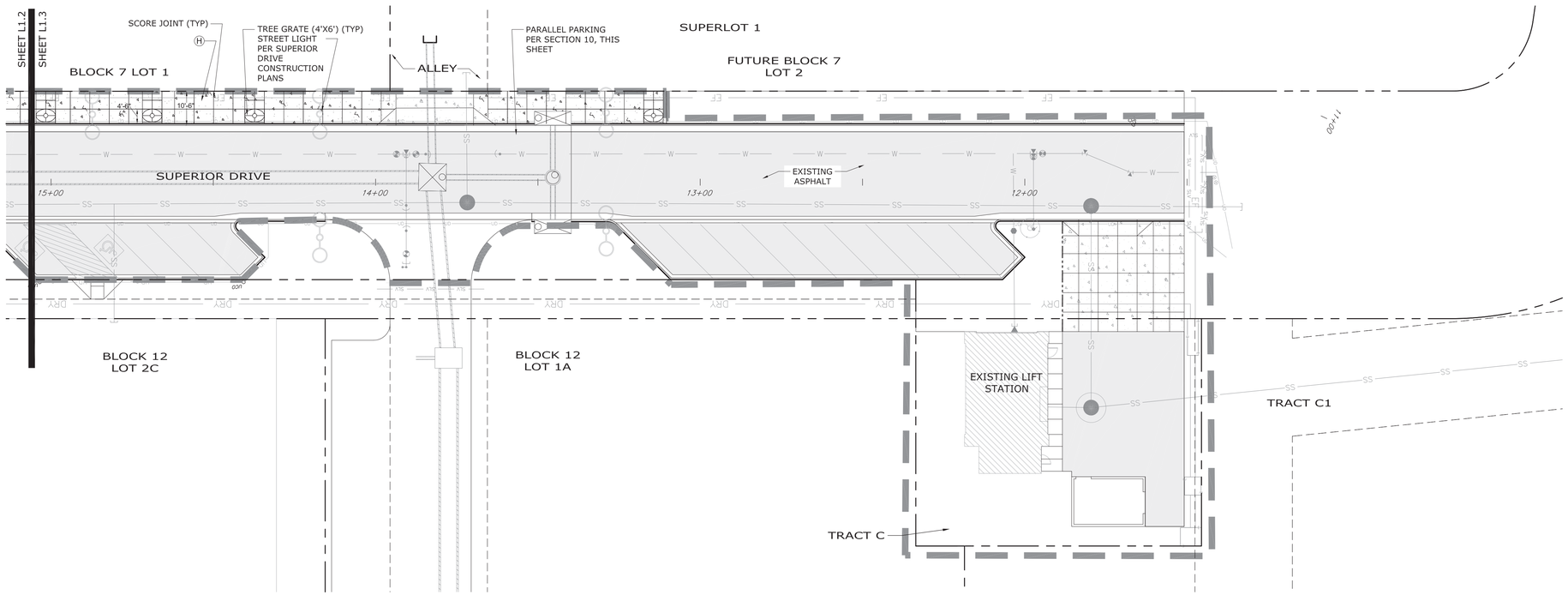
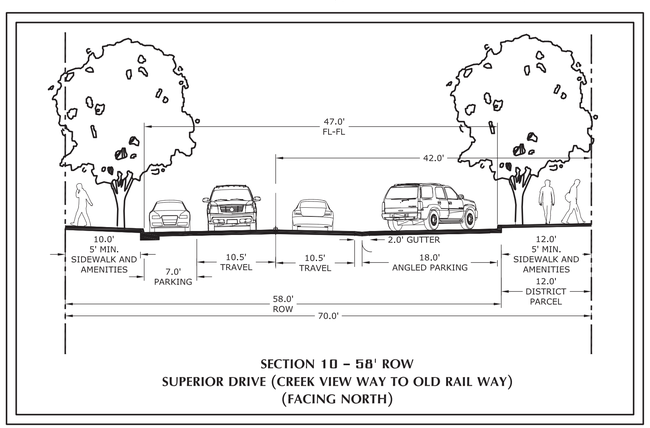
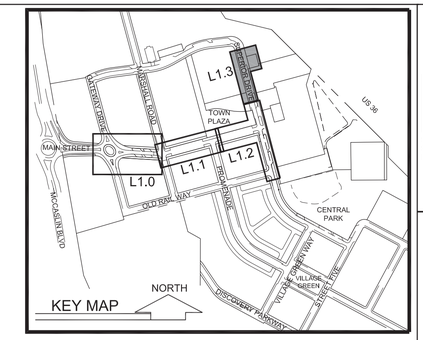



SECTION 10 – 58' ROW
SUPERIOR DRIVE (CREEK VIEW WAY TO OLD RAIL WAY)
(FACING NORTH)




## LINETYPE LEGEND

- PROJECT BOUNDARY
- PROPERTY LINE

## SYMBOL LEGEND

- PLANTER CURB (6" HT. /CONCRETE; SEE PLANTING PLANS FOR LOCATION OF PLANTS)
- RAIN GARDEN WITH 6" HT. CONCRETE CURB (GRADE SLOPES TO ALLOW DRAINAGE IN CENTER)
- BOLLARD
- TREE GRATE (5' X 8')
- TREE GRATE (4' X 6')
- SEAT WALL (18" HT.)

SITE FURNITURE:

- TRASH / RECYCLE
- BENCH
- BICYCLE RACKS

## INFRASTRUCTURE LEGEND*

- LIGHT POLE
- DRY — DRY UTILITY CORRIDOR
- EF — ELECTRIC LINE
- UD — UNDERDRAIN
- SLV — SLEEVING
- W — WATER LINE
- SS — SANITARY SEWER / MANHOLE
- STORM SEWER
- STORM INLET
- SIGN
- UCO — UNDERDRAIN CLEANOUT
- RAIN GARDEN INLET
- BARRICADE

*INFRASTRUCTURE PER CIVIL SHEETS OR EXISTING CONDITIONS.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# SUPERIOR TOWN CENTER
## FINAL DEVELOPMENT PLAN 1 - PHASE 1
## AMENDMENT #1 - PAVING AND LANDSCAPING

REVISIONS

| NO. | DESCRIPTION | DATE |
|---|---|---|
| 1 | PLANNING COMMISSION | 02-13-17 |
| 2 | TOWN COMMENTS | 03-01-17 |
| 3 | TOWN BOARD | 03-06-17 |
| 4 | MYLAR REVIEW | 04-10-17 |
| 5 | MYLARS | 05-05-17 |

DESIGNED BY: ARH
DRAWN BY: ARH
CHECKED BY: PMK
DATE: 05/05/2017
SCALE:
JOB NO.:
DWG NAME:

PARTIAL PAVING PLAN 4

SHEET: L1.3

NORTH
0 10 20 40
SCALE: 1" = 20'

Know what's below. Call before you dig.

MANUFACTURER: Dumor
LENGTH: 6' OR 8'
MATERIAL: Steel
COLOR: Black
FINISH: Polyester Powdercoat
MODEL: Bench 118 with Custom Straight Top

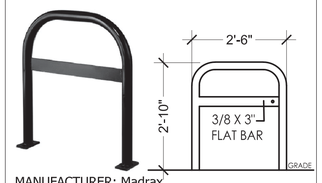
NOTE:Final bench manufacturer to be approved at time of permit. Character to be similar of that shown. Center armrest is optional.

## A BENCH

NOTE:Final receptacle manufacturer and exact finish to be approved at time of permit. Character to be similar of that shown.

MANUFACTURER: Dumor
DIMENSIONS: 22 Gallons
MATERIAL: Steel
COLOR: Black
FINISH: Polyester Powdercoat
MODELS: Trash: 287-32 SH SO w/ Shields
Recycle: 287-32 SH RC2 w/ Shields
Mixed Recycling

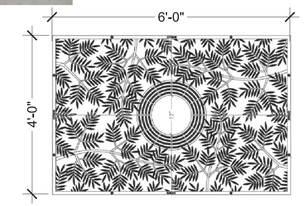
## B TRASH / RECYCLE



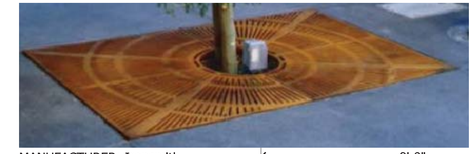

MANUFACTURER: Madrax
DIMENSIONS: 34" Ht.
MATERIAL: 2-3/8" O.D. Steel Tubing
FINISH: Black Powdercoat
MODEL: UX238-LB (UX Rack with Lean Bar)

## C BIKE RACK

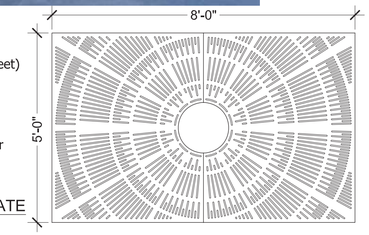
MANUFACTURER: Ironage
DIMENSIONS:
4' x 6' (To be installed along Superior Drive)
MATERIAL: Cast Iron
FINISH: Raw (Pictured)
MODEL:
ADA Grate & frame or similar; embed mount to concrete collar




SUPERIOR DRIVE TREE GRATE



MANUFACTURER: Ironsmith
DIMENSIONS:
5' x 8' (To be installed where shown on plans along Main Street)
MATERIAL: Cast Iron
FINISH: Unfinished (Pictured)
MODEL:
ADA grate & frame or similar; Embed mount to concrete collar




MAIN STREET TREE GRATE

## D TREE GRATES

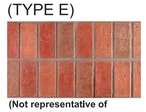
COLOR PUEBLO FLASHED
**PAVING TYPE:**
K

COLOR DARK IRON SPOT
**PAVING TYPES:**
Parking Stripe
B1
B2
E

COLOR RED FLASHED
**PAVING TYPES:**
A1 & A2 Paver Field
D
HERRINGBONE PATTERN

INTEGRAL COLORED CONCRETE BAND COLOR "GRAPHITE" OR SIMILAR
**PAVING TYPE:**
C

DOUBLE SOLDIER COURSE PATTERN (TYPE E)



(Not representative of color, only pattern)

SINGLE SOLDIER COURSE PATTERN (TYPES B1 & B2)

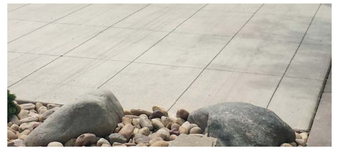
(Not representative of color, only pattern)

COLOR LYONS RED SANDSTONE PAVER
**PAVING TYPE:**
G

EXAMPLE OF INTEGRATED PARKING STRIPE.
PARKING STRIPE PATTERN WILL BE INTEGRATED WITH HERRINGBONE PATTERN (SOLID LINE) IN A SIMILAR FASHION TO THE ABOVE IMAGE. FINAL CONSTRUCTION DETAILING TO BE APPROVED AT THE TIME OF PERMIT. COLOR TO BE DARK IRON SPOT.

## E & F PAVING TYPES (SEE PAVING KEY SHEETS L1.0 - L1.3)

PAVING TYPE 5: STREET NAME STAMPED INTO COLORED CONCRETE BAND (COLORED BAND AND SURROUNDING PAVEMENT NOT SHOWN IN IMAGE)



PAVING TYPE H: CONCRETE SIDEWALK WITH BROOM FINISH AND SAW CUT JOINTS.

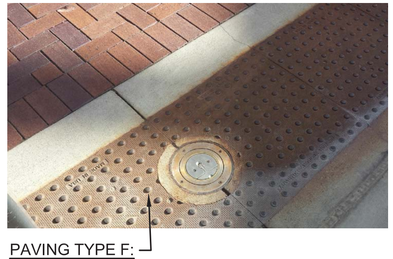
PAVING TYPE I: CONCRETE SIDEWALK WITH SAND WASHED FINISH AND SAW CUT JOINTS.

SEE PLANS FOR LOCATION

NOTES:
1. BOLLARD TO BE SIMILAR IN CHARACTER TO PHOTOS AND DETAIL. MANUFACTURER URBAN ACCESSORIES "SAN FRANCISCO" MODEL DECORATIVE REMOVABLE BOLLARD IS SHOWN FOR CHARACTER APPROVAL. ACTUAL MANUFACTURER AND BOLLARD TO BE APPROVED AT TIME OF PERMIT SO THAT CONSTRUCTION DETAILING CAN BE COORDINATED.
2. COLOR: BLACK MATTE POWDER COAT (COLOR SAMPLE TO BE APPROVED )

## L BOLLARD

## G ROAD



PAVING TYPE F:
- CAST IRON TRUNCATED DOME PANEL (DETECTABLE WARNING)
- UNCOATED NATURAL FINISH

## H DETECTABLE WARNING

## I SEGMENTAL RETAINING WALL

PRECAST CONCRETE CAP. COLOR CHARCOAL.

BOARD FORMED CONCRETE BASE

SEATWALL

SEE PLANS FOR LOCATION

## K SEATWALL CHARACTER

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SUPERIOR TOWN CENTER
FINAL DEVELOPMENT PLAN 1 - PHASE 1
AMENDMENT #1 - PAVING AND LANDSCAPING

REVISIONS

| NO. | DESCRIPTION | DATE |
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DESIGNED BY: ARH DATE: 05/05/2017
DRAWN BY: ARH SCALE:
CHECKED BY: PMK
JOB NO.:
DWG NAME:

MATERIALS AND SITE FURNISHINGS

SHEET: L1.4

STREETSCAPE VIEW A

STREETSCAPE VIEW C

STREETSCAPE VIEW B

STREETSCAPE VIEW D

NOTE: SEE PLAN SHEET L1.1 FOR PERSPECTIVE LOCATIONS

3D Renderings are an artist Interpretation of the proposed Main Street design. Objects and buildings shown in renderings do not constitute an approval or obligation to construct or install. All approvals and obligations of FDP 1 Phase 1 shall be established by the technical plan sheets and specifications contained herein.

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DESIGNED BY: ARH DATE: 05/05/2017
DRAWN BY: ARH SCALE:
CHECKED BY: PMK
JOB NO.:
DWG NAME:

CHARACTER STUDIES

SHEET: L1.5

**Plant Name Abbreviation Key** (See L2.6 for latin names, quantities, and additional information)

| Key | Common Name |
|---|---|
| **Deciduous Trees** | |
| CP | Chanticleer Pear |
| DNM | Deborah Norway Maple |
| EO | English Oak |
| FTE | Frontier Elm |
| KCT | Kentucky Coffee Tree |
| SHL | Shademaster Honeylocust |
| SKHL | Skyline Honeylocust |
| SWO | Swamp White Oak |
| WH | Western Hackberry |
| **Ornamental Trees** | |
| NP | Native Plum |
| SSC | Spring Snow Crabapple |
| TCH | Thornless Cockspur Hawthorn |
| **Evergreen Trees** | |
| **Key** | **Common Name** |
| AP-8' | Austrian Pine (8' Height) |
| AP-10' | Austrian Pine (10' Height) |
| CBS-6' | Colorado Blue Spruce (6' Height) |
| CBS-8' | Colorado Blue Spruce (8' Height) |
| CBS-10' | Colorado Blue Spruce (10' Height) |
| PYP-8' | Pinon Pine (8' Height) |
| PYP-10' | Pinon Pine (10' Height) |
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| LBP-8' | Limber Pine (8' Height) |
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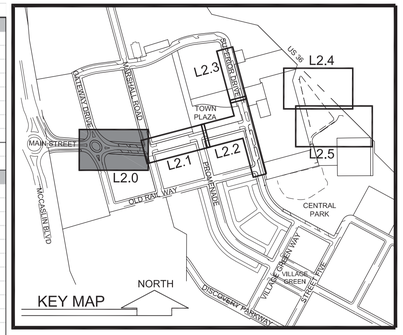
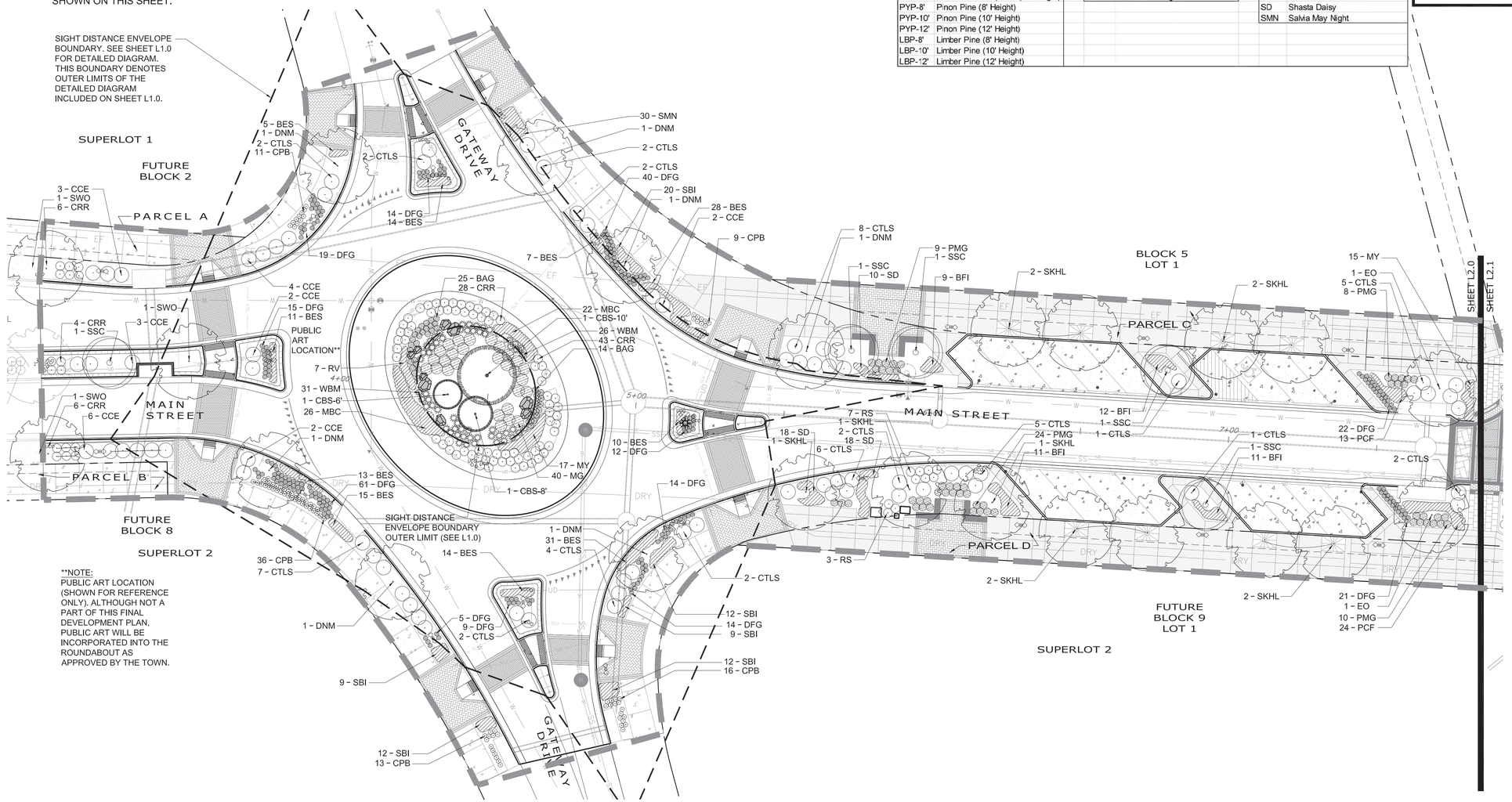
| Key | Common Name |
|---|---|
| **Deciduous Shrubs** | |
| AWV | Blue Muffin Viburnum |
| BRD | Bailey Redtwig Dogwood |
| CJL | Double Red French Lilac |
| CPB | Crimson Pygmy Barberry |
| CRR | Flower Carpet Red Rose |
| CTLS | Creeping Thres-Leaf Sumac |
| CCE | Cranberry Cotoneaster |
| DEC | Dwarf European Cranberrybush |
| GMC | Greenmound Alpine Currant |
| LP | Leadplant |
| PC | Peking Cotoneaster |
| PDBB | Pink Delight Butterfly Bush |
| PBP | Pink Beauty Potentilla |
| RS | Russian Sage |
| WSR | White Shrub Rose |
| **Evergreen Shrubs** | |
| **Key** | **Common Name** |
| WBM | White Bud Mugo |

| Key | Common Name |
|---|---|
| **Ornamental Grasses** | |
| BAG | Blue Avena Grass |
| DFG | Dwarf Fountain Grass |
| FRG | Feather Reed Grass |
| MG | Maiden Grass |
| PMG | Purple Maiden Grass |
| PSG | Heavy Metal Blue Switchgrass |
| SG | Prairie Sky Switchgrass |
| **Perennials** | |
| AJS | Autumn Joy Sedum |
| BES | Black-Eyed Susan |
| BFI | Blue False Indigo |
| CM | Walker's Low Catmint |
| DBL | Deep Blue Lavender |
| MBC | Moonbeam Coreopsis |
| MY | Moonshine Yarrow |
| PCF | Purple Coneflower |
| RV | Red Valerian |
| SBI | *Star Burst Ice Plant* |
| SD | Shasta Daisy |
| SMN | Salvia May Night |




NOTE: GFI RECEPTACLES WILL BE PROVIDED TO SERVE THE ELECTRICAL NEEDS FOR HOLIDAY LIGHTING OF THE TREES INCLUDED IN THE R.O.W.S AND WITHIN THE ROUNDABOUT LANDSCAPE AREA SHOWN ON THIS SHEET.




**NOTE:
PUBLIC ART LOCATION (SHOWN FOR REFERENCE ONLY). ALTHOUGH NOT A PART OF THIS FINAL DEVELOPMENT PLAN, PUBLIC ART WILL BE INCORPORATED INTO THE ROUNDABOUT AS APPROVED BY THE TOWN.

Know what's below. Call before you dig.

NORTH

0 10 20 40

SCALE: 1" = 20'

## LINETYPE LEGEND

- PROJECT BOUNDARY
- PROPERTY LINE

## PLANTING LEGEND

- DECIDUOUS TREE
- EVERGREEN TREE
- ORNAMENTAL TREE
- DECIDUOUS SHRUB
- EVERGREEN SHRUB
- ORNAMENTAL GRASS
- PERENNIAL
- LANDSCAPE BOULDER

SEE L2.6 AND L2.7 FOR PLANT LIST, PLANTING DETAILS, AND NOTES

## SYMBOL LEGEND

- PLANTER CURB (6" HT. /CONCRETE; SEE PLANTING PLANS FOR LOCATION OF PLANTS)
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## INFRASTRUCTURE LEGEND*

- LIGHT POLE
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# SUPERIOR TOWN CENTER
## FINAL DEVELOPMENT PLAN 1 - PHASE 1
## AMENDMENT #1 - PAVING AND LANDSCAPING

REVISIONS

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DESIGNED BY: ARH DATE: 05/05/2017
DRAWN BY: ARH SCALE:
CHECKED BY: PMK
JOB NO.:
DWG NAME:

PARTIAL PLANTING PLAN 1

SHEET: L2.0

**Plant Name Abbreviation Key** (See L2.6 for latin names, quantities, and additional information)

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| LP | Leadplant |
| PC | Peking Cotoneaster |
| PDBB | Pink Delight Butterfly Bush |
| PBP | Pink Beauty Potentilla |
| RS | Russian Sage |
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| BES | Black-Eyed Susan |
| BFI | Blue False Indigo |
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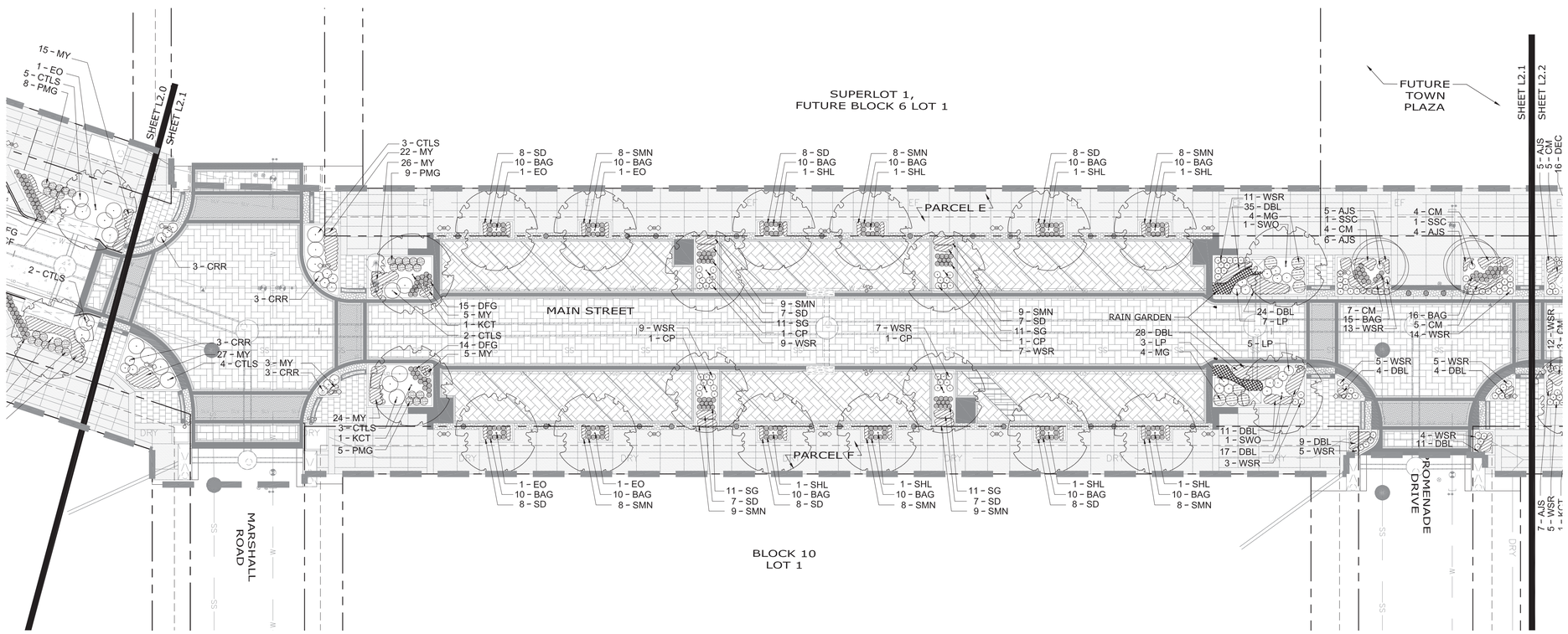
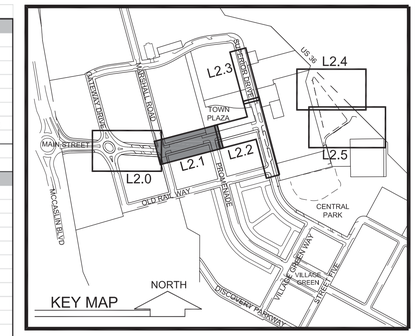
| DBL | Deep Blue Lavender |
| MBC | Moonbeam Coreopsis |
| MY | Moonshine Yarrow |
| PCF | Purple Coneflower |
| RV | Red Valerian |
| SBI | *Star Burst Ice Plant* |
| SD | Shasta Daisy |
| SMN | Salvia May Night |

NOTE:
GFI RECEPTACLES WILL BE PROVIDED TO SERVE THE ELECTRICAL NEEDS FOR HOLIDAY LIGHTING FOR TREES ON MAIN STREET. GFI RECEPTACLES WILL ALSO BE PROVIDED IN THE PLANTERS TO SERVE THE ELECTRICAL NEEDS OF STANDARD EVENT CONDITIONS (FARMERS MARKETS/FESTIVAL VENDORS) ALONG THE TABLED MAIN STREET FROM MARSHALL ROAD TO SUPERIOR DRIVE. EVENTS THAT REQUIRE MAJOR ELECTRICAL CAPACITY WILL BE PLANNED FOR WITH THE FUTURE TOWN PLAZA DESIGN. MAJOR ELECTRICAL CAPACITY DESIGN (CONCERTS, ETC) WILL BE BROUGHT FORTH IN FUTURE FDP'S BUT IS NOT A PART OF THIS FDP AMENDMENT.




## LINETYPE LEGEND

- PROJECT BOUNDARY
- PROPERTY LINE

## PLANTING LEGEND

- DECIDUOUS TREE
- DECIDUOUS SHRUB
- ORNAMENTAL GRASS
- PERENNIAL

SEE L2.6 AND L2.7 FOR PLANT LIST, PLANTING DETAILS, AND NOTES

## SYMBOL LEGEND

- PLANTER CURB (6" HT. /CONCRETE; SEE PLANTING PLANS FOR LOCATION OF PLANTS)
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## INFRASTRUCTURE LEGEND*

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- SIGN
- UCO — UNDERDRAIN CLEANOUT
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*FOR REFERENCE ONLY. SEE CIVIL SHEETS.

Know what's below. Call before you dig.

NORTH

0 10 20 40

SCALE: 1" = 20'


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# SUPERIOR TOWN CENTER
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DESIGNED BY: ARH
DRAWN BY: ARH
CHECKED BY: PMK
DATE: 05/05/2017
SCALE:
JOB NO.:
DWG NAME:

PARTIAL PLANTING PLAN 2

SHEET: L2.1

## LINETYPE LEGEND

- PROJECT BOUNDARY
- PROPERTY LINE

## PLANTING LEGEND

- DECIDUOUS TREE
- DECIDUOUS SHRUB
- ORNAMENTAL GRASS
- PERENNIAL

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**Plant Name Abbreviation Key** (See L2.6 for latin names, quantities, and additional information)

| Key | Common Name |
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| **Deciduous Trees** | |
| CP | Chanticleer Pear |
| DNM | Deborah Norway Maple |
| EO | English Oak |
| FTE | Frontier Elm |
| KCT | Kentucky Coffee Tree |
| SHL | Shademaster Honeylocust |
| SKHL | Skyline Honeylocust |
| SWO | Swamp White Oak |
| WH | Western Hackberry |
| **Ornamental Trees** | |
| NP | Native Plum |
| SSC | Spring Snow Crabapple |
| TCH | Thornless Cockspur Hawthorn |
| **Evergreen Trees** | |
| AP-8' | Austrian Pine (8' Height) |
| AP-10' | Austrian Pine (10' Height) |
| CBS-6' | Colorado Blue Spruce (6' Height) |
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| CBS-10' | Colorado Blue Spruce (10' Height) |
| PYP-8' | Pinon Pine (8' Height) |
| PYP-10' | Pinon Pine (10' Height) |
| PYP-12' | Pinon Pine (12' Height) |
| LBP-8' | Limber Pine (8' Height) |
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| Key | Common Name |
|---|---|
| **Deciduous Shrubs** | |
| AWV | Blue Muffin Viburnum |
| BRD | Bailey Redtwig Dogwood |
| CJL | Double Red French Lilac |
| CPB | Crimson Pygmy Barberry |
| CRR | Flower Carpet Red Rose |
| CTLS | Creeping Three-Leaf Sumac |
| CCE | Cranberry Cotoneaster |
| DEC | Dwarf European Cranberrybush |
| GMC | Greenmound Alpine Currant |
| LP | Leadplant |
| PC | Peking Cotoneaster |
| PDBB | Pink Delight Butterfly Bush |
| PBP | Pink Beauty Potentilla |
| RS | Russian Sage |
| WSR | White Shrub Rose |
| **Evergreen Shrubs** | |
| WBM | White Bud Mugo |

| Key | Common Name |
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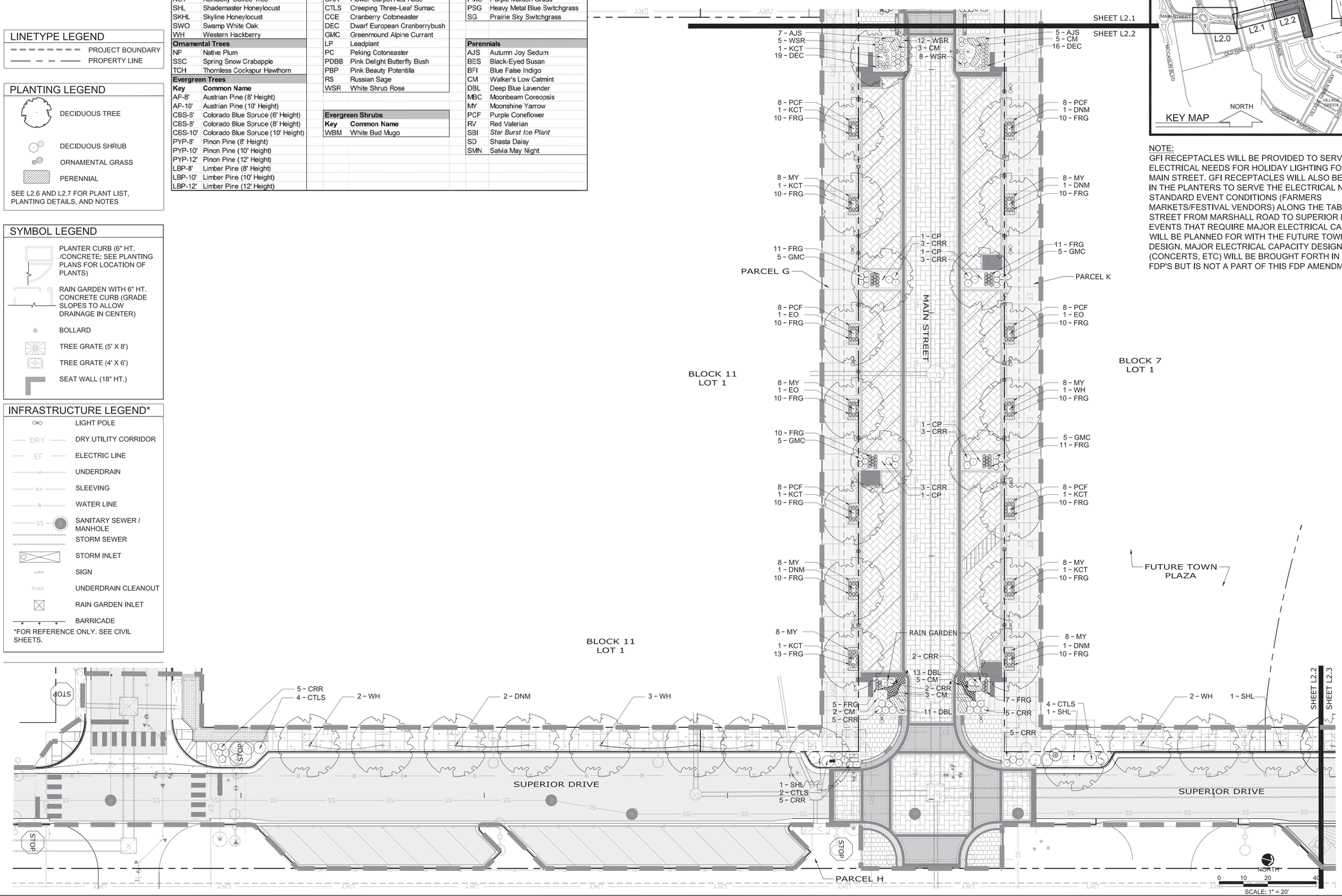
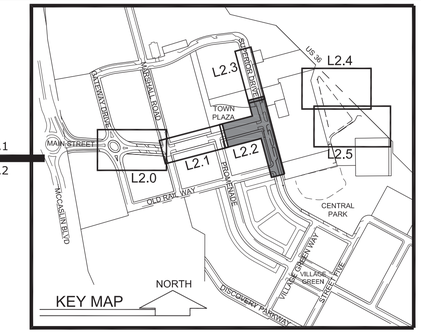
| **Ornamental Grasses** | |
| BAG | Blue Avena Grass |
| DFG | Dwarf Fountain Grass |
| FRG | Feather Reed Grass |
| MG | Maiden Grass |
| PMG | Purple Maiden Grass |
| PSG | Heavy Metal Blue Switchgrass |
| SG | Prairie Sky Switchgrass |
| **Perennials** | |
| AJS | Autumn Joy Sedum |
| BES | Black-Eyed Susan |
| BFI | Blue False Indigo |
| CM | Walker's Low Catmint |
| DBL | Deep Blue Lavender |
| MBC | Moonbeam Coreopsis |
| MY | Moonshine Yarrow |
| PCF | Purple Coneflower |
| RV | Red Valerian |
| SBI | *Star Burst Ice Plant* |
| SD | Shasta Daisy |
| SMN | Salvia May Night |




NOTE:
GFI RECEPTACLES WILL BE PROVIDED TO SERVE THE ELECTRICAL NEEDS FOR HOLIDAY LIGHTING FOR TREES ON MAIN STREET. GFI RECEPTACLES WILL ALSO BE PROVIDED IN THE PLANTERS TO SERVE THE ELECTRICAL NEEDS OF STANDARD EVENT CONDITIONS (FARMERS MARKETS/FESTIVAL VENDORS) ALONG THE TABLED MAIN STREET FROM MARSHALL ROAD TO SUPERIOR DRIVE. EVENTS THAT REQUIRE MAJOR ELECTRICAL CAPACITY WILL BE PLANNED FOR WITH THE FUTURE TOWN PLAZA DESIGN. MAJOR ELECTRICAL CAPACITY DESIGN (CONCERTS, ETC) WILL BE BROUGHT FORTH IN FUTURE FDP'S BUT IS NOT A PART OF THIS FDP AMENDMENT.


MIG
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SUPERIOR TOWN CENTER
FINAL DEVELOPMENT PLAN 1 - PHASE 1
AMENDMENT #1 - PAVING AND LANDSCAPING

REVISIONS

| NO. | DESCRIPTION | DATE |
|---|---|---|
| 1 | PLANNING COMMISSION | 02-13-17 |
| 2 | TOWN COMMENTS | 03-01-17 |
| 3 | TOWN BOARD | 03-06-17 |
| 4 | MYLAR REVIEW | 04-10-17 |
| 5 | MYLARS | 05-05-17 |

DESIGNED BY: ARH DATE: 05/05/2017
DRAWN BY: ARH SCALE:
CHECKED BY: PMK
JOB NO.:
DWG NAME:

PARTIAL PLANTING PLAN 3

SHEET: L2.2

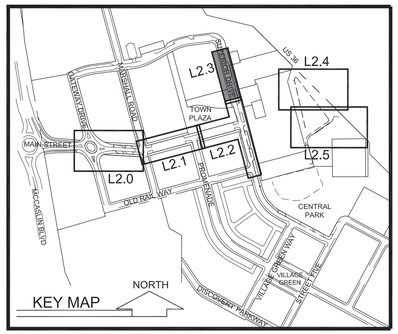
Know what's below. Call before you dig.

**Plant Name Abbreviation Key** (See L2.6 for latin names, quantities, and additional information)

| Deciduous Trees | |
|---|---|
| **Key** | **Common Name** |
| CP | Chanticleer Pear |
| DNM | Deborah Norway Maple |
| EO | English Oak |
| FTE | Frontier Elm |
| KCT | Kentucky Coffee Tree |
| SHL | Shademaster Honeylocust |
| SKHL | Skyline Honeylocust |
| SWO | Swamp White Oak |
| WH | Western Hackberry |
| **Ornamental Trees** | |
| NP | Native Plum |
| SSC | Spring Snow Crabapple |
| TCH | Thornless Cockspur Hawthorn |
| **Evergreen Trees** | |
| **Key** | **Common Name** |
| AP-8' | Austrian Pine (8' Height) |
| AP-10' | Austrian Pine (10' Height) |
| CBS-6' | Colorado Blue Spruce (6' Height) |
| CBS-8' | Colorado Blue Spruce (8' Height) |
| CBS-10' | Colorado Blue Spruce (10' Height) |
| PYP-8' | Pinon Pine (8' Height) |
| PYP-10' | Pinon Pine (10' Height) |
| PYP-12' | Pinon Pine (12' Height) |
| LBP-8' | Limber Pine (8' Height) |
| LBP-10' | Limber Pine (10' Height) |
| LBP-12' | Limber Pine (12' Height) |

| Deciduous Shrubs | |
|---|---|
| **Key** | **Common Name** |
| AWV | Blue Muffin Viburnum |
| BRD | Bailey Redtwig Dogwood |
| CJL | Double Red French Lilac |
| CPB | Crimson Pygmy Barberry |
| CRR | Flower Carpet Red Rose |
| CTLS | Creeping Three-Leaf Sumac |
| CCE | Cranberry Cotoneaster |
| DEC | Dwarf European Cranberrybush |
| GMC | Greenmound Alpine Currant |
| LP | Leadplant |
| PC | Peking Cotoneaster |
| PDBB | Pink Delight Butterfly Bush |
| PBP | Pink Beauty Potentilla |
| RS | Russian Sage |
| WSR | White Shrub Rose |
| **Evergreen Shrubs** | |
| **Key** | **Common Name** |
| WBM | White Bud Mugo |

| Ornamental Grasses | |
|---|---|
| **Key** | **Common Name** |
| BAG | Blue Avena Grass |
| DFG | Dwarf Fountain Grass |
| FRG | Feather Reed Grass |
| MG | Maiden Grass |
| PMG | Purple Maiden Grass |
| PSG | Heavy Metal Blue Switchgrass |
| SG | Prairie Sky Switchgrass |
| **Perennials** | |
| AJS | Autumn Joy Sedum |
| BES | Black-Eyed Susan |
| BFI | Blue False Indigo |
| CM | Walker's Low Catmint |
| DBL | Deep Blue Lavender |
| MBC | Moonbeam Coreopsis |
| MY | Moonshine Yarrow |
| PCF | Purple Coneflower |
| RV | Red Valerian |
| SBI | *Star Burst Ice Plant* |
| SD | Shasta Daisy |
| SMN | Salvia May Night |



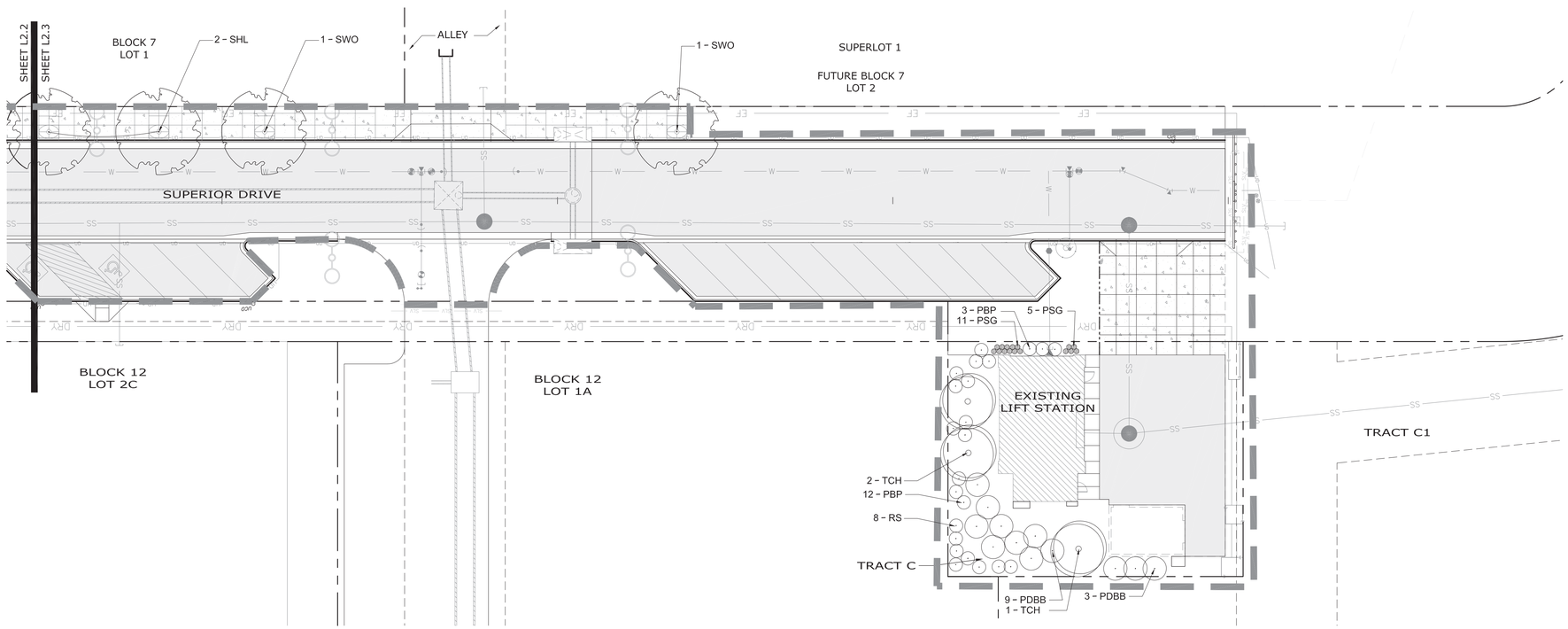

## LINETYPE LEGEND

- PROJECT BOUNDARY
- PROPERTY LINE

## PLANTING LEGEND

- DECIDUOUS TREE
- ORNAMENTAL TREE
- DECIDUOUS SHRUB
- ORNAMENTAL GRASS

SEE L2.6 AND L2.7 FOR PLANT LIST, PLANTING DETAILS, AND NOTES




## SYMBOL LEGEND

- PLANTER CURB (6" HT. /CONCRETE; SEE PLANTING PLANS FOR LOCATION OF PLANTS)
- RAIN GARDEN WITH 6" HT. CONCRETE CURB (GRADE SLOPES TO ALLOW DRAINAGE IN CENTER)
- BOLLARD
- TREE GRATE (5' X 8')
- TREE GRATE (4' X 6')
- SEAT WALL (18" HT.)

## INFRASTRUCTURE LEGEND*

- LIGHT POLE
- DRY — DRY UTILITY CORRIDOR
- EF — ELECTRIC LINE
- UD — UNDERDRAIN
- SLV — SLEEVING
- W — WATER LINE
- SS — SANITARY SEWER / MANHOLE
- STORM SEWER
- STORM INLET
- SIGN
- UCO — UNDERDRAIN CLEANOUT
- RAIN GARDEN INLET
- BARRICADE

*FOR REFERENCE ONLY. SEE CIVIL SHEETS.

Know what's below. Call before you dig.

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SCALE: 1" = 20'


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# SUPERIOR TOWN CENTER
## FINAL DEVELOPMENT PLAN 1 - PHASE 1
## AMENDMENT #1 - PAVING AND LANDSCAPING

REVISIONS

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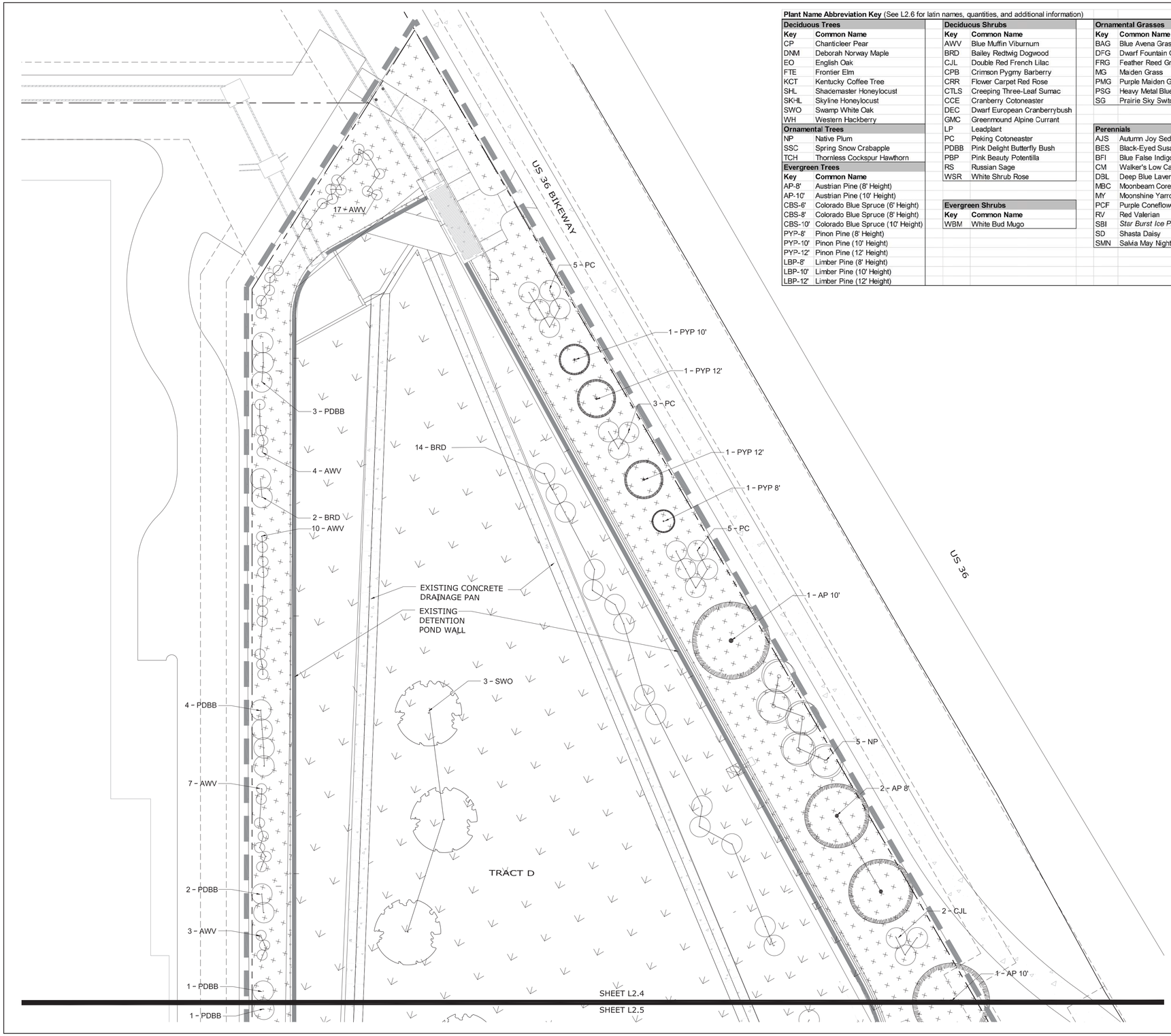
DESIGNED BY: ARH
DRAWN BY: ARH
CHECKED BY: PMK
DATE: 05/05/2017
SCALE:
JOB NO.:
DWG NAME:

PARTIAL PLANTING PLAN 4

SHEET: L2.3

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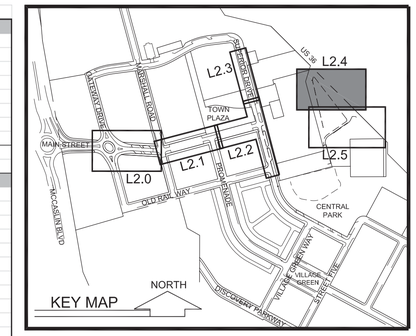


LINETYPE LEGEND

- PROJECT BOUNDARY
- PROPERTY LINE

PLANTING LEGEND

- DECIDUOUS TREE
- EVERGREEN TREE
- ORNAMENTAL TREE
- DECIDUOUS SHRUB
- NATIVE GRASS SEED MIX
- WETLAND SEED MIX

SEE L2.6 AND L2.7 FOR PLANT LIST, PLANTING DETAILS, AND NOTES

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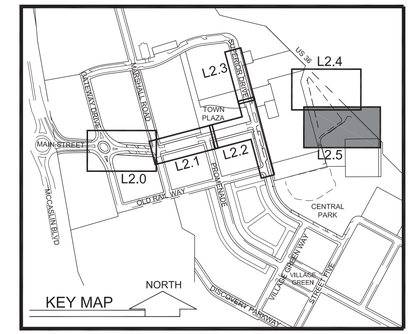
DESIGNED BY: ARH DATE: 05/05/2017
DRAWN BY: ARH SCALE:
CHECKED BY: PMK
JOB NO.:
DWG NAME:

PARTIAL PLANTING PLAN 5

SHEET: L2.4




## LINETYPE LEGEND

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- EVERGREEN TREE
- DECIDUOUS SHRUB
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# SUPERIOR TOWN CENTER
## FINAL DEVELOPMENT PLAN 1 - PHASE 1
## AMENDMENT #1 - PAVING AND LANDSCAPING

REVISIONS

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| 5 | MYLARS | 05-05-17 |

DESIGNED BY: ARH DATE: 05/05/2017
DRAWN BY: ARH SCALE:
CHECKED BY: PMK
JOB NO.:
DWG NAME:

PARTIAL PLANTING PLAN 6

SHEET: L2.5

## LANDSCAPE DENSITY REQUIREMENTS (STC PDA #3)

| Landscape Area | REQUIREMENT APPLIED TO: | Superior Town Center Commercial / Retail / Office Required | |
|---|---|---|---|
| | | Trees | Shrubs |
| Open Space Landscape Requirements (Developed Landscape) | TRACT C | 1/1150 s.f. | 1/100 s.f. |
| Open Space Landscape Requirements (Naturalized Landscape) | TRACT D | 1/4000 s.f. | 1/500 s.f. |
| Detention Pond Edge Landscapes | TRACT D | 1/50 l.f. of top edge of embankment | 5/50 l.f. of top edge of embankment |
| Street ROW's | Main Street and Superior Drive | 1/40 l.f. | -- |

## TRACT C
## LANDSCAPE DENSITY REQUIREMENTS

| Landscape Area | REQUIRED | | PROVIDED | |
|---|---|---|---|---|
| | Trees | Shrubs | Trees | Shrubs |
| Open Space Landscape Requirements (Developed Landscape) | 1/1150 s.f. | 1/100 s.f. | 1/827 s.f. (3 Trees / 2480 s.f.) | 1/71 s.f. (35 Shrubs / 2480 s.f.) |

## TRACT D
## LANDSCAPE DENSITY REQUIREMENTS

| Landscape Area | REQUIRED | | PROVIDED | |
|---|---|---|---|---|
| | Trees | Shrubs | Trees | Shrubs |
| Open Space Landscape Requirements (Naturalized Landscape) | 1/4000 s.f. | 1/500 s.f. | 1/2633 s.f. (48 Trees / 126,406 s.f.) | 1/1945 s.f. (65 Shrubs / 126,406 s.f.) |
| Detention Pond Edge Landscapes | 1/50 l.f. of top edge of embankment | 5/50 l.f. of top edge of embankment | 1/50 l.f. of top edge of embankment (15 Trees / 892 l.f.) | 5/50 l.f. of top edge of embankment (89 Shrubs / 892 l.f. ) |

## FDP 1 - Phase 1 Amendment R.O.W.s
Includes all R.O.W.s within the project boundary along Superior Drive and Main Street (including roundabout)
## LANDSCAPE DENSITY REQUIREMENTS

| Landscape Area | REQUIRED | | PROVIDED | |
|---|---|---|---|---|
| | Trees | Shrubs | Trees | Shrubs |
| Street ROW's | 1/40 l.f. | -- | 1/38 l.f. (79 Trees / 2995 LF of R.O.W.) | -- |

**Superior Town Center FDP 1 Ph1**

**Plant List** — **Total Trees: 150** — **Total Shrubs: 763**

**Deciduous Trees** — **Total = 88**

| Key | Latin Name | Common Name | Qty | Spacing | Size |
|---|---|---|---|---|---|
| CP | *Pyrus calleryana Chanticleer* | Chanticleer Pear | 8 | As Shown | 2.5" Cal. |
| DNM | *Acer platanoides 'Deborah'* | Deborah Norway Maple | 13 | As Shown | 2.5" Cal. |
| EO | *Quercus robur* | English Oak | 9 | As Shown | 2.5" Cal. |
| KCT | *Gymnocladus Dioica* | Kentucky Coffee Tree | 10 | As Shown | 2.5" Cal. |
| SHL | *Gleditsia triacanthos 'Shadmaster'* | Shademaster Honeylocust | 13 | As Shown | 2.5" Cal. |
| SKHL | *Gleditsia triacanthos 'Skyline'* | Skyline Honeylocust | 11 | As Shown | 2.5" Cal. |
| SWO | *Quercus bicolor* | Swamp White Oak | 13 | As Shown | 2.5" Cal. |
| WC | *Catalpa speciosa* | Western Catalpa | 4 | As Shown | 2.5" Cal. |
| WH | *Celtis occidentalis* | Western Hackberry | 8 | As Shown | 2.5" Cal. |

**Ornamental Trees** — **Total = 15**

| | | | | | |
|---|---|---|---|---|---|
| NP | *Prunus Americana* | Native Plum | 5 | As Shown | 8' Clump |
| SSC | *Malus 'Spring Snow'* | Spring Snow Crabapple | 7 | As Shown | 2" Cal. |
| TCH | *Crataegus crus-galli var. inermis* | Thornless Cockspur Hawthorn | 3 | As Shown | 2" Cal. |

**Evergreen Trees** — **Total = 46**

| Key | Latin Name | Common Name | Qty | Spacing | Size |
|---|---|---|---|---|---|
| AP-8' | *Pinus nigra* | Austrian Pine | 4 | As Shown | 8' |
| AP-10' | *Pinus nigra* | Austrian Pine | 7 | As Shown | 10' |
| CBS-6' | *Picea pungens* | Colorado Blue Spruce | 1 | As Shown | 6' |
| CBS-8' | *Picea pungens* | Colorado Blue Spruce | 2 | As Shown | 8' |
| CBS-10' | *Picea pungens* | Colorado Blue Spruce | 3 | As Shown | 10' |
| CBS-12' | *Picea pungens* | Colorado Blue Spruce | 1 | As Shown | 12' |
| PYP-8' | *Pinus cembroides var. edulis* | Pinon Pine | 9 | As Shown | 8' |
| PYP-10' | *Pinus cembroides var. edulis* | Pinon Pine | 3 | As Shown | 10' |
| PYP-12' | *Pinus cembroides var. edulis* | Pinon Pine | 5 | As Shown | 12' |
| LBP-8' | *Pinus flexilis* | Limber Pine | 5 | As Shown | 8' |
| LBP-10' | *Pinus flexilis* | Limber Pine | 4 | As Shown | 10' |
| LBP-12' | *Pinus flexilis* | Limber Pine | 2 | As Shown | 12' |

**Deciduous Shrubs** — **Total = 706**

| Key | Latin Name | Common Name | Qty | Spacing | Size |
|---|---|---|---|---|---|
| AWV | *Viburnum dentatum'Blue Muffin'* | Blue Muffin Viburnum | 46 | As Shown | 5 Gal. |
| BRD | *Cornus sericea 'Baileyi'* | Bailey Redtwig Dogwood | 28 | As Shown | 5 Gal. |
| CJL | *Syringa vulgaris 'Charles Joly'* | Double Red French Lilac | 26 | As Shown | 5 Gal. |
| CPB | *Berberis thunbergii 'Crimson Pygmy'* | Crimson Pygmy Barberry | 85 | As Shown | 5 Gal. |
| CRR | *Rosa Flower Carpet Red* | Flower Carpet Red Rose | 140 | As Shown | 5 Gal. |
| CTLS | *Rhus trilobata 'Autumn Amber'* | Creeping Three-Leaf Sumac | 76 | As Shown | 5 Gal. |
| CCE | *Cotoneaster apiculatus* | Cranberry Cotoneaster | 22 | As Shown | 5 Gal. |
| DEC | *Viburnum opulus "Nanum'* | Dwarf European Cranberrybush | 35 | As Shown | 5 Gal. |
| GMC | *Ribes alpinum 'Green Mound'* | Greenmound Alpine Currant | 20 | As Shown | 5 Gal. |
| LP | *Amorpha canescens* | Leadplant | 15 | As Shown | 5 Gal. |
| PC | *Cotoneaster lucidus* | Peking Cotoneaster | 27 | As Shown | 5 Gal. |
| PDBB | *Buddleja davidii 'Pink Delight'* | Pink Delight Butterfly Bush | 36 | As Shown | 5 Gal. |
| PBP | *Potentilla fruticosa 'Pink Beauty'* | Pink Beauty Potentilla | 15 | As Shown | 5 Gal. |
| RS | *Perovskia artiplicifolia* | Russian Sage | 18 | As Shown | 5 Gal. |
| WSR | *Rosa x Meidiland White* | White Shrub Rose | 117 | As Shown | 5 Gal. |

**Evergreen Shrubs** — **Total = 57**

| Key | Latin Name | Common Name | Qty | Spacing | Size |
|---|---|---|---|---|---|
| WBM | *Pinus mugo 'White Bud'* | White Bud Mugo | 57 | As Shown | 5 Gal. |

**Ornamental Grasses**

| Key | Latin Name | Common Name | Qty | Spacing | Size |
|---|---|---|---|---|---|
| BAG | *Helictotrichon sempervirens* | Blue Avena Grass | 190 | As Shown | 5 Gal. |
| DFG | *Pennisetum alopecuroides 'Hamlin'* | Dwarf Fountain Grass | 275 | As Shown | 5 Gal. |
| FRG | *Calamagrostis Acutiflora* | Feather Reed Grass | 198 | As Shown | 5 Gal. |
| MG | *Miscanthus sinensus 'Gracillimus'* | Maiden Grass | 48 | As Shown | 5 Gal. |
| PMG | *Miscanthus sinensus purpurascens* | Purple Maiden Grass | 65 | As Shown | 5 Gal. |
| PSG | *Panicum virgatum 'Heavy Metal'* | Heavy Metal Blue Switchgrass | 16 | As Shown | 5 Gal. |
| SG | *Panicum virgatum 'Prairie Sky'* | Prairie Sky Switchgrass | 44 | As Shown | 5 Gal. |

**Perennials**

| | | | | | |
|---|---|---|---|---|---|
| AJS | *Sedum 'Autumn Joy'* | Autumn Joy Sedum | 27 | As Shown | 1 Gal. |
| BES | *Rudbeckia fulgida var. sullivantii 'Goldsturm'* | Black-Eyed Susan | 148 | As Shown | 1 Gal. |
| BFI | *Baptisa australis* | Blue False Indigo | 43 | As Shown | 1 Gal. |
| CM | *Nepeta x 'Walker's Low'* | Walker's Low Catmint | 38 | As Shown | 1 Gal. |
| DBL | *Lavandula angustifolia "Hidecote'* | Deep Blue Lavender | 167 | As Shown | 1 Gal. |
| MBC | *Coreopsis verticillata 'Moonbeam'* | Moonbeam Coreopsis | 48 | As Shown | 1 Gal. |
| MY | *Achilea 'Mooshine'* | Moonshine Yarrow | 208 | As Shown | 1 Gal. |
| PCF | *Echinacea purpurea* | Purple Coneflower | 85 | As Shown | 1 Gal. |
| RV | *Centranthus ruber* | Red Valerian | 7 | As Shown | 1 Gal. |
| SBI | *Delosperma floribundum 'Star Burst'* | *Star Burst Ice Plant* | 74 | As Shown | 1 Gal. |
| SD | *Leucanthemum x superbum 'Alaska'* | Shasta Daisy | 122 | As Shown | 1 Gal. |
| SMN | *Salvia x 'May Night'* | Salvia May Night | 114 | As Shown | 1 Gal. |

NOTES

1. TREES PLANTED WITHIN SIGHT TRIANGLES SHALL NOT BRANCH HORIZONTALLY BELOW A 6' HEIGHT. SHRUBS WITHIN SIGHT TRIANGLES SHALL NOT EXCEED 2'-0" IN HEIGHT.
2. ALL SHRUB BEDS SHALL BE MULCHED TO A 3" MIN. DEPTH WITH 1" TO 1-1/2" DIA ROCK MULCH. ROCK MULCH SHALL BE PLACED OVER WEED CONTROL FABRIC.
3. LOCATION OF PLANT MATERIAL SHALL BE ADJUSTED TO PROVIDE THE REQUIRED MINIMUM CLEARANCE FROM THE FINAL LOCATION OF ALL BURIED UTILITY LINES.
4. THE LANDSCAPING INDICATED ON THE PLANS SHALL BE WATERED BY A FULLY AUTOMATED, UNDERGROUND SPRINKLER SYSTEM CONSISTING OF A COMBINATION OF ROTORS, POP-UPS, AND LOW WATER USE EMITTERS (E.G. DRIP EMITTERS, BUBBLERS, STREET TREE RINGS, ETC.).
5. THE WATER SOURCE FOR THE IRRIGATION SYSTEM SHALL BE THE TOWN OF SUPERIOR RE-USE LINE.
6. THE IRRIGATION SYSTEM SHALL BE CONTROLLED BY PROGRAMMABLE IRRIGATION CLOCK WHICH ALLOWS VARIATIONS IN ZONE SEQUENCING AND TIMING TO MEET THE WATER USE REQUIREMENTS OF EACH AREA OF THE PLANTING PLAN
7. RAIN SENSORS WHICH AUTOMATICALLY SHUT DOWN THE IRRIGATION SYSTEM DURING PERIODS OF HIGH MOISTURE SHALL BE INSTALLED.
8. DRIP, SUBSURFACE, BUBBLER, OR LOW VOLUME IRRIGATION DISTRIBUTION SYSTEMS SHALL BE USED FOR ALL PLANTING STRIPS LESS THAN 8' WIDE AND ALL PLANTING BEDS INVOLVING TREES, SHRUBS, PERENNIALS AND GROUND COVERS.

NORTH

0 10 20 40

SCALE: 1" = 20'

Know what's below. Call before you dig.

MIG
518 17th Street
SUITE 630
DENVER, CO 80206
TEL 303/440-9200
www.migcom.com

SUPERIOR TOWN CENTER
FINAL DEVELOPMENT PLAN 1 - PHASE 1
AMENDMENT #1 - PAVING AND LANDSCAPING

REVISIONS

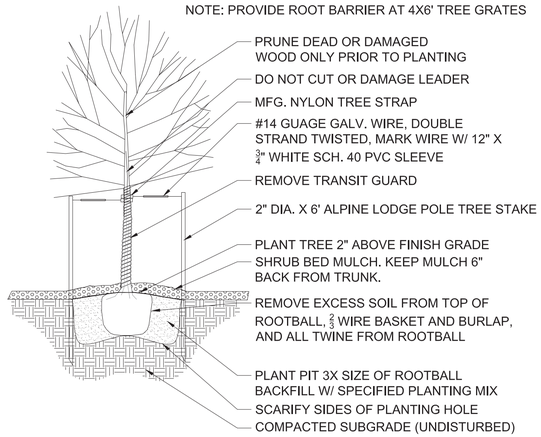
| NO. | DESCRIPTION | DATE |
|---|---|---|
| 1 | PLANNING COMMISSION | 02-13-17 |
| 2 | TOWN COMMENTS | 03-01-17 |
| 3 | TOWN BOARD | 03-06-17 |
| 4 | MYLAR REVIEW | 04-10-17 |
| 5 | MYLARS | 05-05-17 |

DESIGNED BY: ARH DATE: 05/05/2017
DRAWN BY: ARH SCALE:
CHECKED BY: PMK
JOB NO.:
DWG NAME:

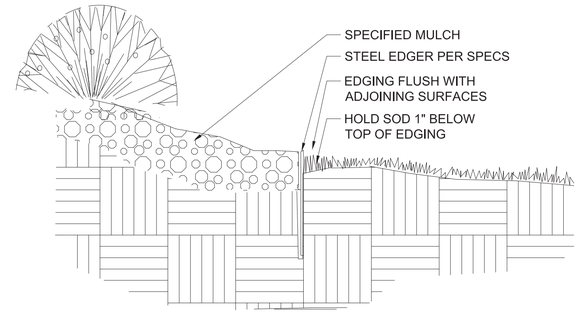
PLANT LIST AND NOTES

SHEET: L2.6

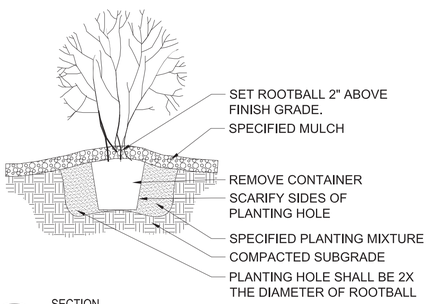
NOTE: PROVIDE ROOT BARRIER AT 4X6' TREE GRATES



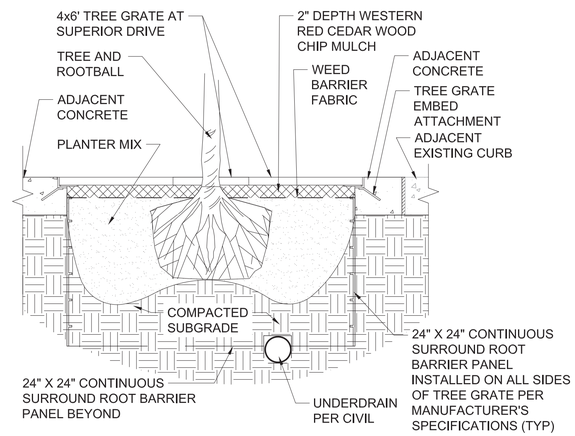

1 / L2.7 SECTION
## TREE PLANTING DETAIL
NTS



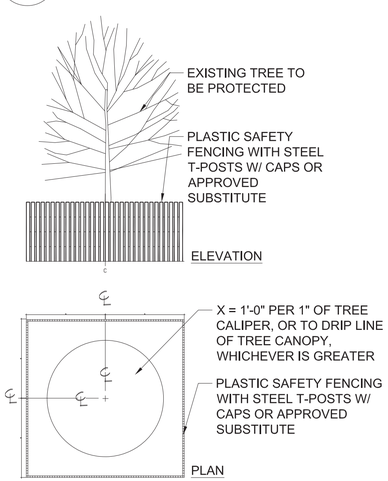

4 / L2.7 SECTION
## STEEL EDGER
NTS




2 / L2.7 SECTION
## SHRUB PLANTING DETAIL
NTS




Section
5 / L2.7
## 4X6 TREE GRATE WITH ROOT BARRIER / PLANTING
NTS




SECTION
3 / L2.7
## TREE PROTECTION DETAIL
NTS


MIG
518 17th Street
SUITE 630
DENVER, CO 80206
TEL 303/440-9200
www.migcom.com


SUPERIOR TOWN CENTER
FINAL DEVELOPMENT PLAN 1 - PHASE 1
AMENDMENT #1 - PAVING AND LANDSCAPING

REVISIONS

| NO. | DESCRIPTION | DATE |
|---|---|---|
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| 2 | TOWN COMMENTS | 03-01-17 |
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| 4 | MYLAR REVIEW | 04-10-17 |
| 5 | MYLARS | 05-05-17 |

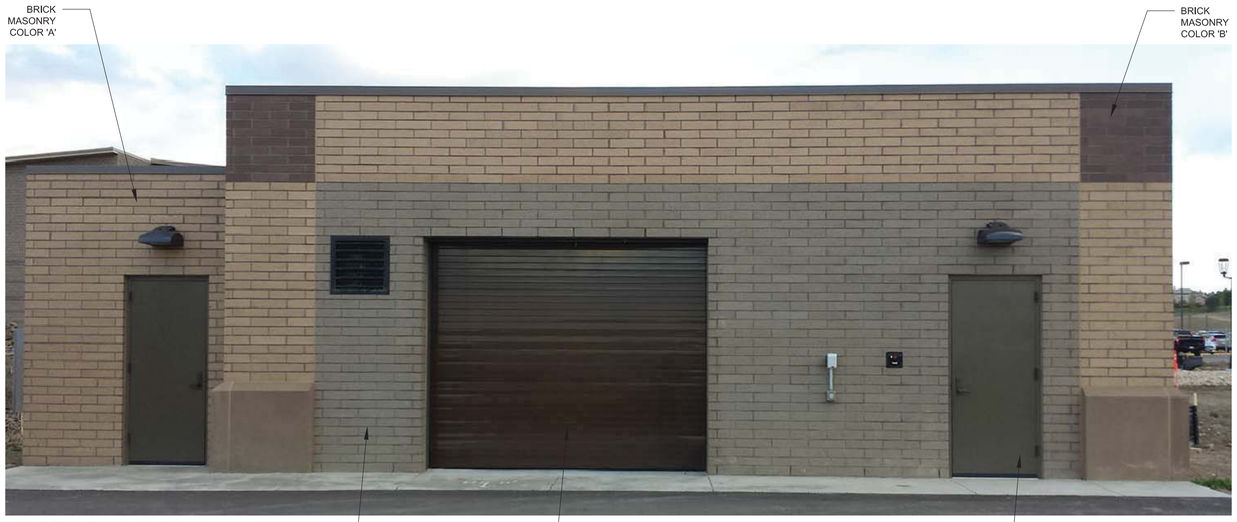
DESIGNED BY: ARH DATE: 05/05/2017
DRAWN BY: ARH SCALE:
CHECKED BY: PMK
JOB NO.:
DWG NAME:

PLANTING DETAILS

SHEET: L2.7

NORTH
0 10 20 40
SCALE: 1" = 20'

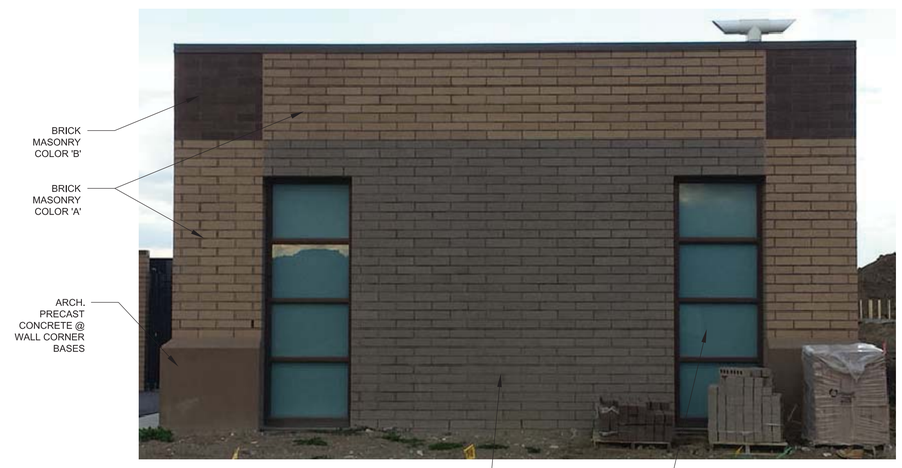
811 Know what's below. Call before you dig.




NORTH ELEVATION

EAST ELEVATION

SOUTH ELEVATION




WEST ELEVATION

## EXTERIOR MATERIAL PRODUCT & COLOR SCHEDULE

| MATERIAL | MANUFACTURER / COLOR |
|---|---|
| COLORED CONCRETE | BASF RHEOCOLOR L: PUMPERNICKEL |
| BRICK 'A' | INTERSTATE BRICK COLOR: TUMBLEWEED |
| BRICK 'B' | INTERSTATE BRICK COLOR: MOCHA |
| BRICK 'C' | INTERSTATE BRICK COLOR: PLATINUM |
| SHEET METAL COPING | ATAS: CLASSIC BRONZE 01 |
| ALUMINUM WINDOW FRAMING | EFCO / KAWNEER: HARTFORD GREEN |
| GLAZING | VIRACON: VRE 12-38 (ATLANTICA) |
| DOOR PAINTING | MATCH BRICK COLOR 'B' |

SUPERIOR TOWN CENTER
FINAL DEVELOPMENT PLAN 1 - PHASE 1
AMENDMENT #1 - PAVING & LANDSCAPING

REVISIONS

| NO. | DESCRIPTION | DATE |
|---|---|---|
| 1 | MYLARS | 5-05-2017 |

DESIGNED BY: ____ DATE: 04/10/2017
DRAWN BY: ____ SCALE: ____
CHECKED BY: ____
JOB NO.: ____
DWG NAME: ____

LIFT STATION ELEVATIONS

SHEET: A1.1

NOTES:

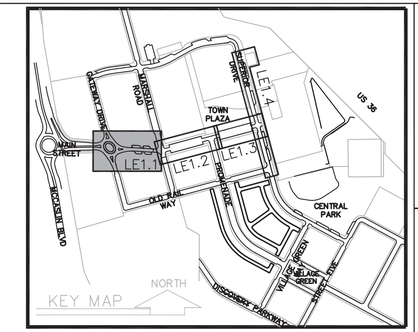
1. THIS FDP AA ONLY INCLUDES DECORATIVE LIGHT FIXTURES AND POLE LOCATIONS, POLE BASES, POLE FOUNDATIONS, POLE TYPES, PHOTOMETRICS, AND OPTIONAL GARDEN SPEAKER LOCATIONS. ALL ROAD AND SIDEWALK LINEWORK AND UTILITIES TO BE PER OTHER FDP'S, CDS, AND EXISTING CONDITIONS.
2. GFI RECEPTACLES WILL BE PROVIDED TO SERVE THE ELECTRICAL NEEDS FOR HOLIDAY LIGHTING OF THE TREES INCLUDED IN THE R.O.W.S AND WITHIN THE ROUNDABOUT LANDSCAPE AREA SHOWN ON THIS SHEET.
3. LIGHTING SYMBOLS SHOWN ON PLANS ARE NOT TO SCALE. SEE LIGHTING DETAILS FOR DIMENSIONS.

## LEGEND:

PL2: SEE LUMINAIRE SCHEDULE (SHEET LE1.1) AND LIGHTING DETAILS.

PL3: SEE LUMINAIRE SCHEDULE (SHEET LE1.1) AND LIGHTING DETAILS.

GARDEN SPEAKER: AN OPTIONAL FUTURE IMPROVEMENT. ACTUAL SPEAKERS ARE NOT APPROVED AS PART OF THIS FDP AA AND ARE SHOWN ONLY FOR COORDINATION OF CONDUIT INSTALLATION. INSTALLATION OF ACTUAL SPEAKERS SHALL NOT BE REQUIRED FOR FDP 1 . PHASE 1 TO BE DEEMED COMPLETE.

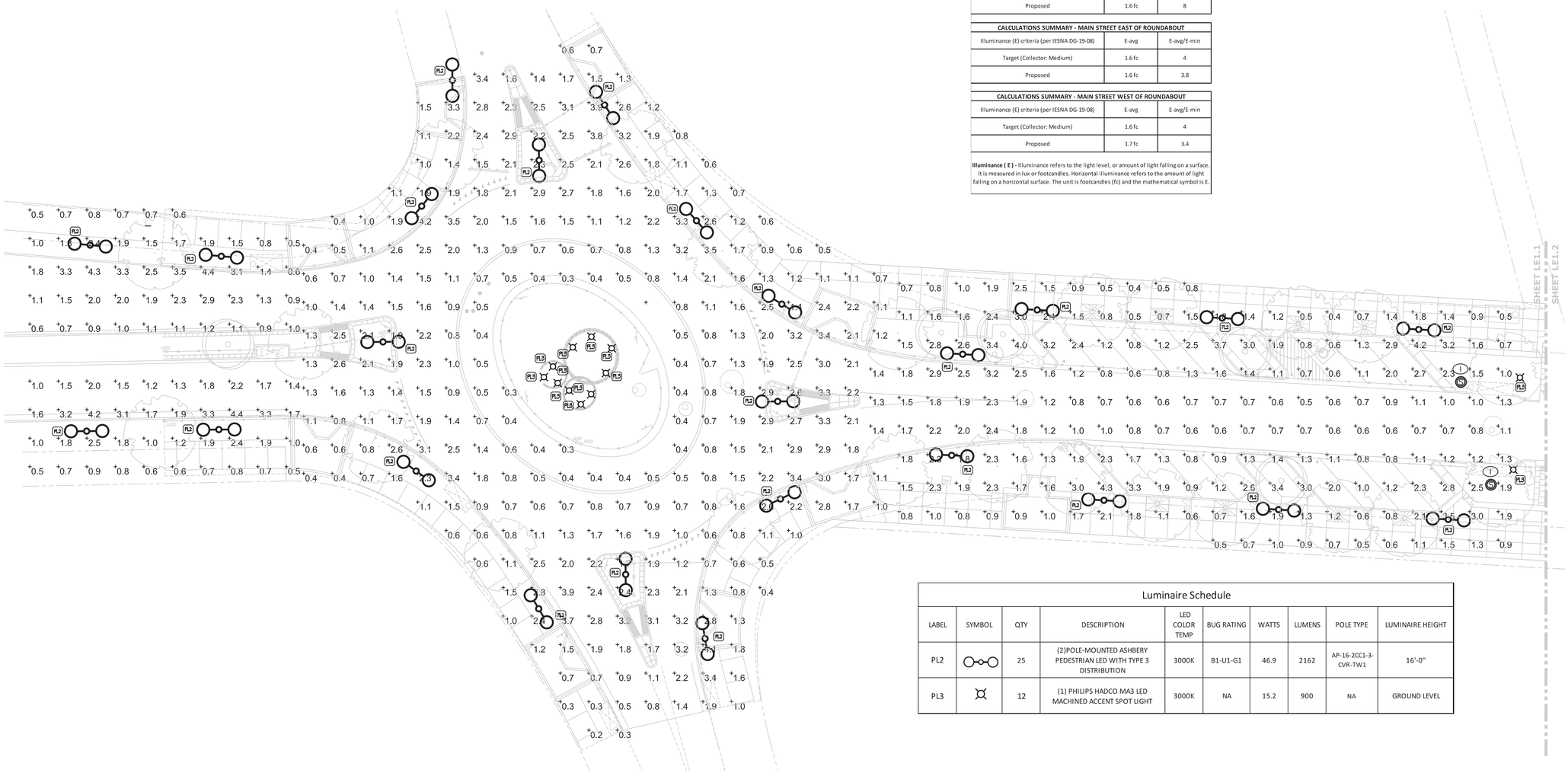



| CALCULATIONS SUMMARY - ROUNDABOUT | | |
|---|---|---|
| Illuminance (E) criteria (per IESNA DG-19-08) | E-avg | E-avg/E-min |
| Target (Collector: Medium) | 1.6 fc | 4 |
| Proposed | 1.6 fc | 8 |

| CALCULATIONS SUMMARY - MAIN STREET EAST OF ROUNDABOUT | | |
|---|---|---|
| Illuminance (E) criteria (per IESNA DG-19-08) | E-avg | E-avg/E-min |
| Target (Collector: Medium) | 1.6 fc | 4 |
| Proposed | 1.6 fc | 3.8 |

| CALCULATIONS SUMMARY - MAIN STREET WEST OF ROUNDABOUT | | |
|---|---|---|
| Illuminance (E) criteria (per IESNA DG-19-08) | E-avg | E-avg/E-min |
| Target (Collector: Medium) | 1.6 fc | 4 |
| Proposed | 1.7 fc | 3.4 |

**Illuminance ( E ) -** Illuminance refers to the light level, or amount of light falling on a surface. It is measured in lux or footcandles. Horizontal illuminance refers to the amount of light falling on a horizontal surface. The unit is footcandles (fc) and the mathematical symbol is E.




Luminaire Schedule

| LABEL | SYMBOL | QTY | DESCRIPTION | LED COLOR TEMP | BUG RATING | WATTS | LUMENS | POLE TYPE | LUMINAIRE HEIGHT |
|---|---|---|---|---|---|---|---|---|---|
| PL2 | | 25 | (2)POLE-MOUNTED ASHBERY PEDESTRIAN LED WITH TYPE 3 DISTRIBUTION | 3000K | B1-U1-G1 | 46.9 | 2162 | AP-16-2CC1-3-CVR-TW1 | 16'-0" |
| PL3 | | 12 | (1) PHILIPS HADCO MA3 LED MACHINED ACCENT SPOT LIGHT | 3000K | NA | 15.2 | 900 | NA | GROUND LEVEL |

A / LE1.1 POWER AND LIGHTING PLAN SHEET

SCALE: 1" = 20'-0"

0 10 20 40
SCALE: 1" = 20'


PK Electrical, Inc.
Engineering · Design · Consulting
681 Sierra Rose Dr., Ste. B
Reno, Nevada 89511
775.826.9010
5105 DTC Pky, Ste 420
Greenwood Village, CO 80111
720.481.3290
pkelectrical.com
JOB#16114


STC METROPOLITAN DISTRICT #2

141 UNION BLVD., STE 150
LAKEWOOD, CO 80228

SUPERIOR TOWN CENTER
FINAL DEVELOPMENT PLAN 1 - PHASE 1
AMENDMENT #1 - PAVING AND LANDSCAPING

REVISIONS

| NO. | DESCRIPTION | DATE |
|---|---|---|
| 1 | TOWN COMMENTS | 01-11-17 |
| 2 | TOWN COMMENTS | 02-09-17 |
| 3 | MYLARS | 04-10-17 |
| 4 | MYLARS | 05-05-17 |

DESIGNED BY: TC
DRAWN BY: MB/BG
CHECKED BY: AW
DATE: 05/05/2017
SCALE: AS NOTED
JOB NO.: 16114
DWG NAME:

LIGHTING AND PHOTOMETRIC PLAN SHEET

SHEET: LE1.1

NOTES:

1. THIS FDP AA ONLY INCLUDES DECORATIVE LIGHT FIXTURE AND POLE LOCATIONS, POLE BASES, POLE FOUNDATIONS, POLE TYPES, PHOTOMETRICS, AND OPTIONAL GARDEN SPEAKER LOCATIONS. ALL ROAD AND SIDEWALK LINEWORK AND UTILITIES TO BE PER OTHER FDP'S, CDS, AND EXISTING CONDITIONS.

2. GFI RECEPTACLES WILL BE PROVIDED TO SERVE THE ELECTRICAL NEEDS FOR HOLIDAY LIGHTING FOR TREES ON THIS SHEET. GFI RECEPTACLES WILL ALSO BE PROVIDED IN THE PLANTERS TO SERVE THE ELECTRICAL NEEDS OF STANDARD EVENT CONDITIONS (FARMERS MARKETS/FESTIVAL VENDORS) ALONG THE TABLED MAIN STREET FROM MARSHALL ROAD TO SUPERIOR DRIVE. EVENTS THAT REQUIRE MAJOR ELECTRICAL CAPACITY WILL BE PLANNED FOR WITH THE FUTURE TOWN PLAZA DESIGN. MAJOR ELECTRICAL CAPACITY DESIGN (CONCERTS, ETC) WILL BE BROUGHT FORTH IN FUTURE FDP'S BUT IS NOT A PART OF THIS FDP AMENDMENT.

3. LIGHTING SYMBOLS SHOWN ON PLANS ARE NOT TO SCALE. SEE LIGHTING DETAILS FOR DIMENSIONS.

| CALCULATIONS SUMMARY - STREETS | | |
|---|---|---|
| Illuminance (E) criteria (per IESNA DG-19-08) | E-avg | E-avg/E-min |
| Target (Collector: Medium) | 1.6 fc | 4 |
| Proposed | 1.6 fc | 4 |

**Illuminance ( E ) -** Illuminance refers to the light level, or amount of light falling on a surface. It is measured in lux or footcandles. Horizontal illuminance refers to the amount of light falling on a horizontal surface. The unit is footcandles (fc) and the mathematical symbol is E.

## LEGEND:

PL2: SEE LUMINAIRE SCHEDULE (SHEET LE1.1) AND LIGHTING DETAILS.

PL3: SEE LUMINAIRE SCHEDULE (SHEET LE1.1) AND LIGHTING DETAILS.

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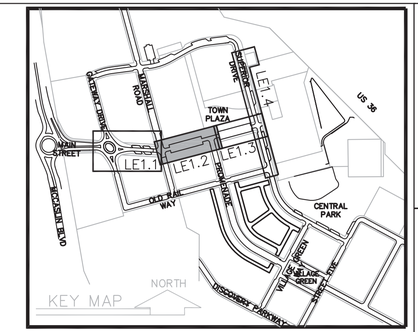


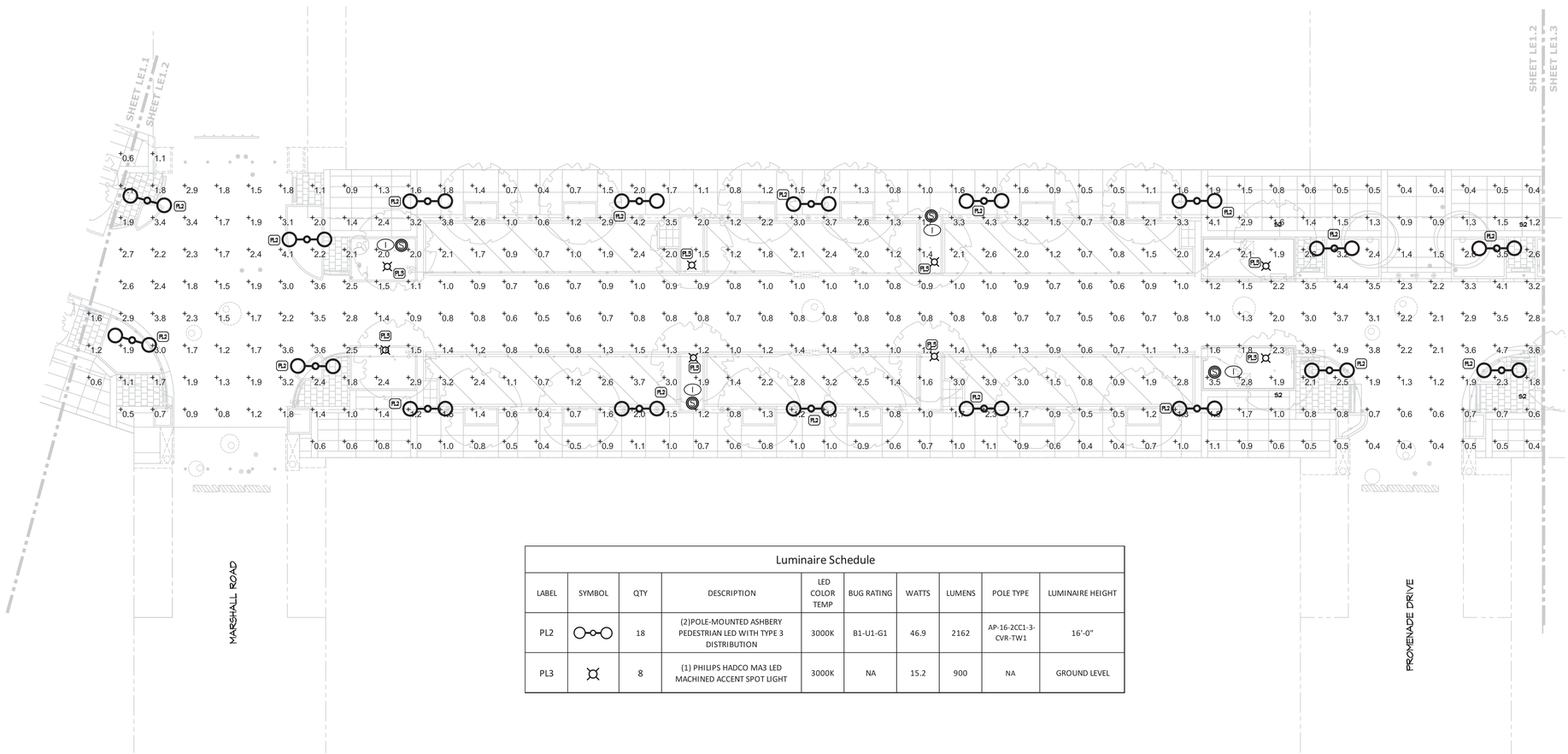


| Luminaire Schedule | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| LABEL | SYMBOL | QTY | DESCRIPTION | LED COLOR TEMP | BUG RATING | WATTS | LUMENS | POLE TYPE | LUMINAIRE HEIGHT |
| PL2 | | 18 | (2)POLE-MOUNTED ASHBERY PEDESTRIAN LED WITH TYPE 3 DISTRIBUTION | 3000K | B1-U1-G1 | 46.9 | 2162 | AP-16-2CC1-3-CVR-TW1 | 16'-0" |
| PL3 | | 8 | (1) PHILIPS HADCO MA3 LED MACHINED ACCENT SPOT LIGHT | 3000K | NA | 15.2 | 900 | NA | GROUND LEVEL |

A
LE1.2

## POWER AND PLAN SHEET

SCALE: 1" = 20'-0"

0 10 20 40
SCALE: 1" = 20'


PK Electrical, Inc.
Engineering · Design · Consulting
681 Sierra Rose Dr., Ste. B
Reno, Nevada 89511
775.826.9010
5105 DTC Pky, Ste 420
Greenwood Village, CO 80111
720.481.3290
pkelectrical.com


STC METROPOLITAN DISTRICT #2

141 UNION BLVD., STE 150
LAKEWOOD, CO 80228

SUPERIOR TOWN CENTER
FINAL DEVELOPMENT PLAN 1 - PHASE 1
AMENDMENT #1 - PAVING AND LANDSCAPING

REVISIONS

| NO. | DESCRIPTION | DATE |
|---|---|---|
| 1 | TOWN COMMENTS | 01-11-17 |
| 2 | TOWN COMMENTS | 02-09-17 |
| 3 | MYLARS | 04-10-17 |
| 4 | MYLARS | 05-05-17 |

DESIGNED BY: TC
DRAWN BY: MB/BG
CHECKED BY: AW
DATE: 05/05/2017
SCALE: AS NOTED
JOB NO.: 16114
DWG NAME:

LIGHTING AND PHOTOMETRIC PLAN SHEET

SHEET:
LE1.2

NOTES:

1. THIS FDP AA ONLY INCLUDES DECORATIVE LIGHT FIXTURE AND POLE LOCATIONS, POLE BASES, POLE FOUNDATIONS, POLE TYPES, PHOTOMETRICS, AND OPTIONAL GARDEN SPEAKER LOCATIONS. ALL ROAD AND SIDEWALK LINEWORK AND UTILITIES TO BE PER OTHER FDP'S, CDS, AND EXISTING CONDITIONS.
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3. LIGHTING SYMBOLS SHOWN ON PLANS ARE NOT TO SCALE. SEE LIGHTING DETAILS FOR DIMENSIONS.

| CALCULATIONS SUMMARY - STREETS | | |
|---|---|---|
| Illuminance (E) criteria (per IESNA DG-19-08) | E-avg | E-avg/E-min |
| Target (Collector: Medium) | 1.6 fc | 4 |
| Proposed | 1.6 fc | 4 |

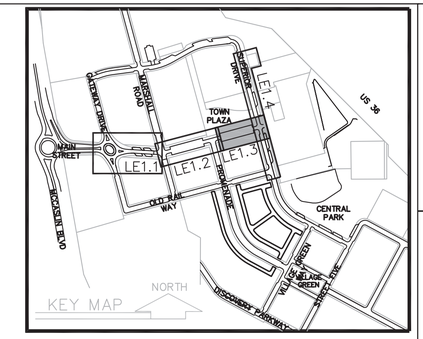
**Illuminance ( E ) -** Illuminance refers to the light level, or amount of light falling on a surface. It is measured in lux or footcandles. Horizontal illuminance refers to the amount of light falling on a horizontal surface. The unit is footcandles (fc) and the mathematical symbol is E.

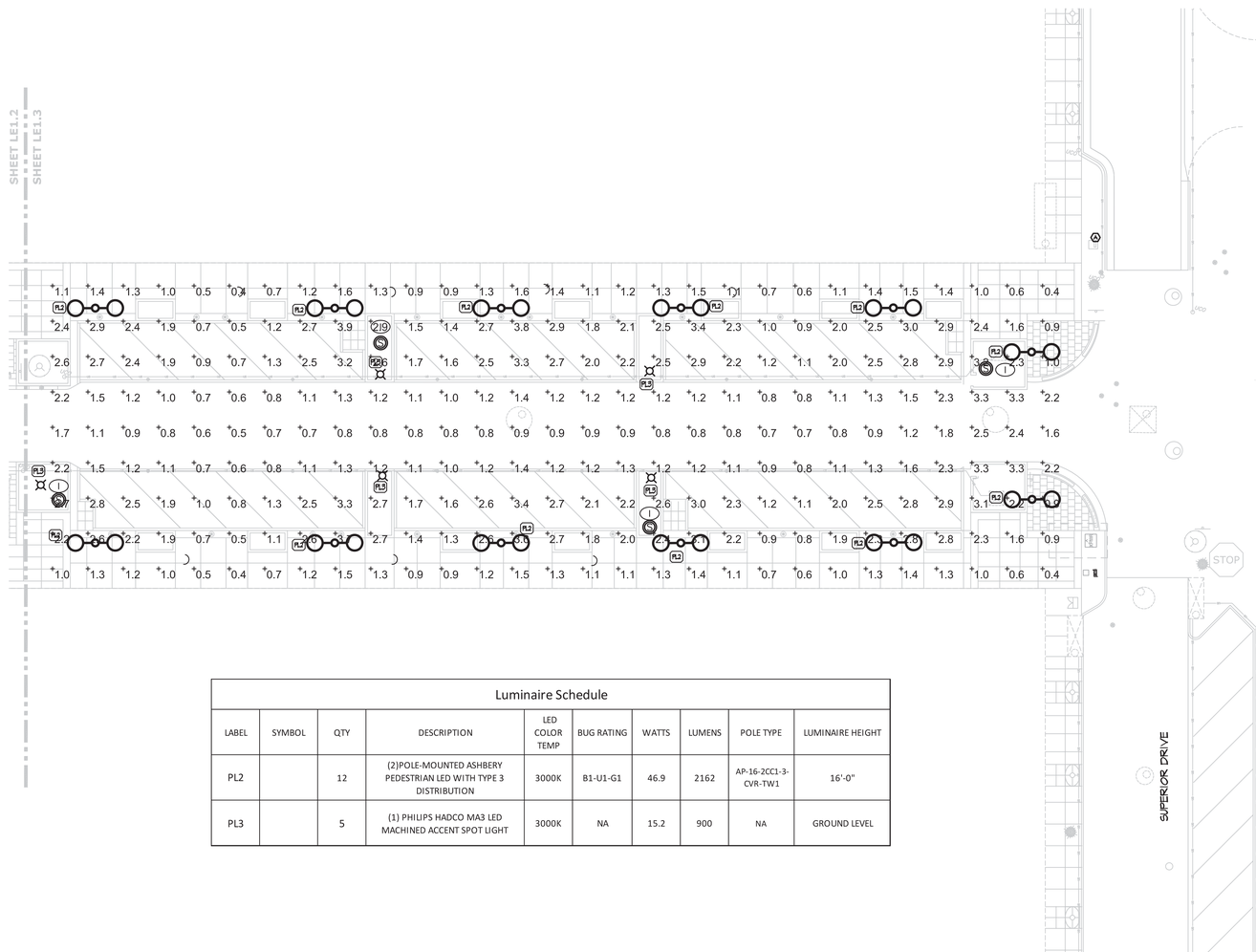
## LEGEND:

PL2: SEE LUMINAIRE SCHEDULE (SHEET LE1.1) AND LIGHTING DETAILS.

PL3: SEE LUMINAIRE SCHEDULE (SHEET LE1.1) AND LIGHTING DETAILS.

1 / S — GARDEN SPEAKER: AN OPTIONAL FUTURE IMPROVEMENT. ACTUAL SPEAKERS ARE NOT APPROVED AS PART OF THIS FDP AA AND ARE SHOWN ONLY FOR COORDINATION OF CONDUIT INSTALLATION. INSTALLATION OF ACTUAL SPEAKERS SHALL NOT BE REQUIRED FOR FDP 1 . PHASE 1 TO BE DEEMED COMPLETE.




| Luminaire Schedule | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| LABEL | SYMBOL | QTY | DESCRIPTION | LED COLOR TEMP | BUG RATING | WATTS | LUMENS | POLE TYPE | LUMINAIRE HEIGHT |
| PL2 | | 12 | (2)POLE-MOUNTED ASHBERY PEDESTRIAN LED WITH TYPE 3 DISTRIBUTION | 3000K | B1-U1-G1 | 46.9 | 2162 | AP-16-2CC1-3-CVR-TW1 | 16'-0" |
| PL3 | | 5 | (1) PHILIPS HADCO MA3 LED MACHINED ACCENT SPOT LIGHT | 3000K | NA | 15.2 | 900 | NA | GROUND LEVEL |

A / LE1.3 POWER AND LIGHTING PLAN SHEET

SCALE: 1" = 20'-0"

0 10 20 40
SCALE: 1" = 20'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Greenwood Village, CO 80111
720.481.3290
pkelectrical.com


STC METROPOLITAN DISTRICT #2

141 UNION BLVD., STE 150
LAKEWOOD, CO 80228

SUPERIOR TOWN CENTER
FINAL DEVELOPMENT PLAN 1 - PHASE 1
AMENDMENT #1 - PAVING AND LANDSCAPING

REVISIONS

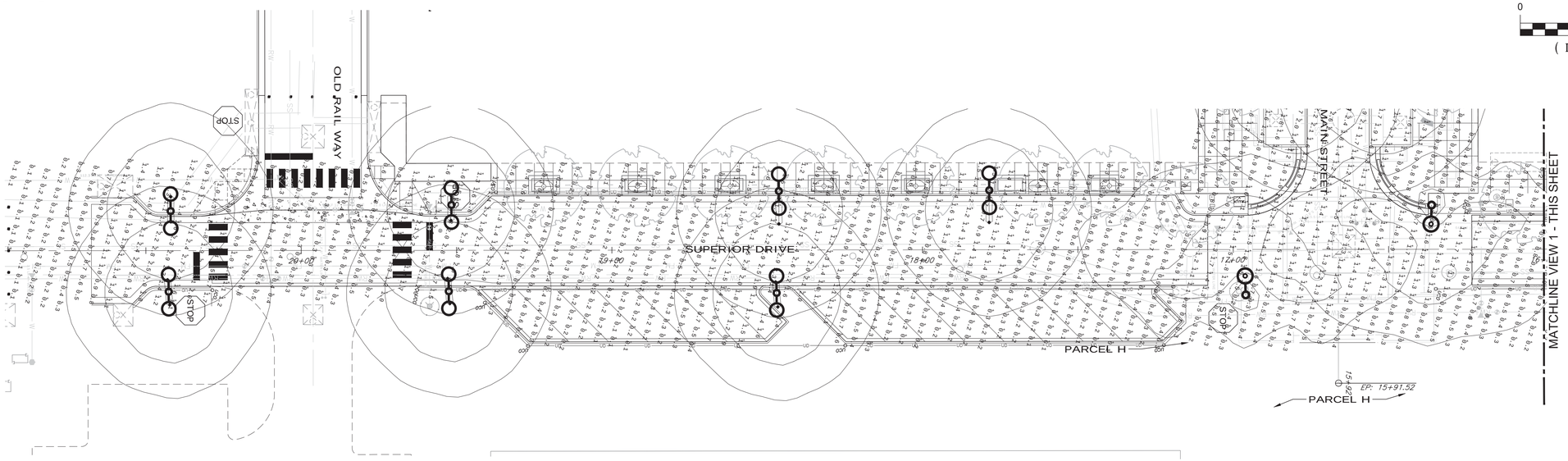
| NO. | DESCRIPTION | DATE |
|---|---|---|
| 1 | TOWN COMMENTS | 01-11-17 |
| 2 | TOWN COMMENTS | 02-09-17 |
| 3 | MYLARS | 04-10-17 |
| 4 | MYLARS | 05-05-17 |

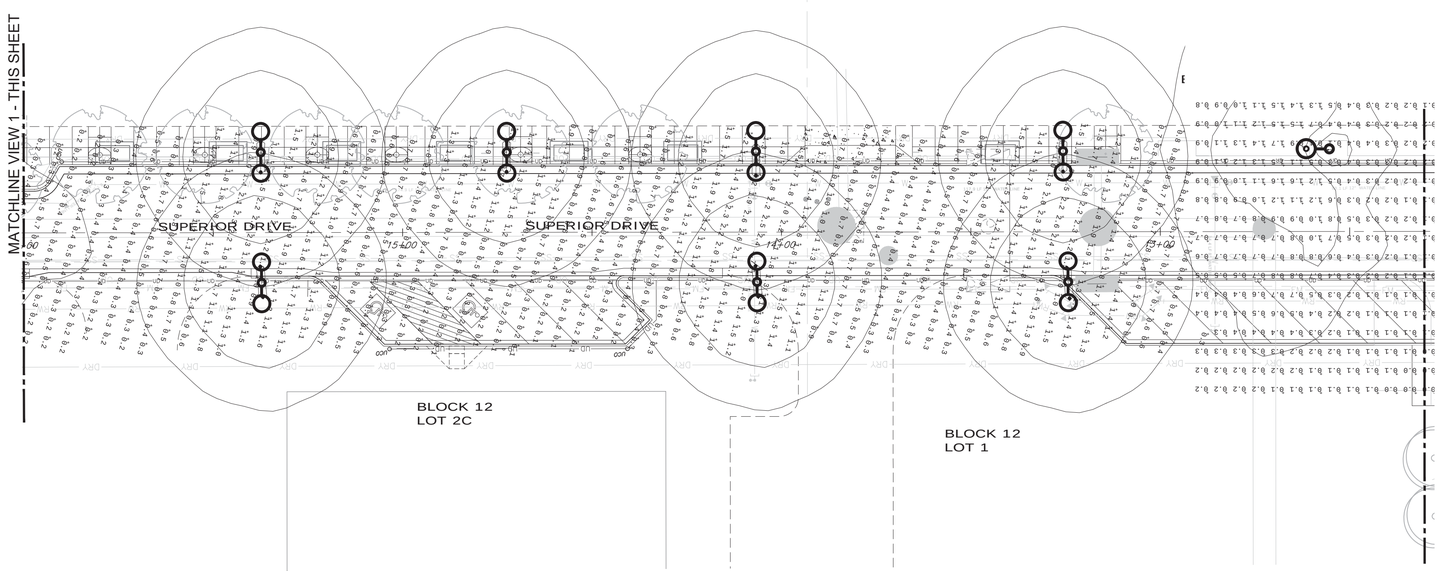
DESIGNED BY: TC
DRAWN BY: MB/BG
CHECKED BY: AW
DATE: 05/05/2017
SCALE: AS NOTED
JOB NO.: 16114
DWG NAME:

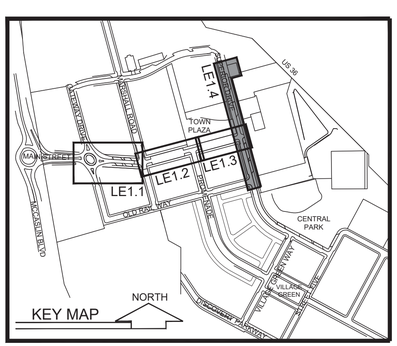
LIGHTING AND PHOTOMETRIC PLAN SHEET

SHEET: LE1.3

Know what's below. Call before you dig.




NORTH

0 20' 40'

( IN FEET)

CLANTON & ASSOCIATES

LIGHTING DESIGN AND ENGINEERING

RC SUPERIOR
METRO DISTRICT

12275 EL CAMINO REAL, SUITE 100
SAN DIEGO, CA 92130

SUPERIOR TOWN CENTER
FINAL DEVELOPMENT PLAN 1 - PHASE 1
AMENDMENT #1 - PAVING AND LANDSCAPING

REVISIONS

| NO. | DESCRIPTION | DATE |
|---|---|---|
| 4 | GENERAL REVISIONS | 1/16/2014 |
| 5 | MYLARS | 5/05/2017 |

DESIGNED BY: GA
DRAWN BY: AK
CHECKED BY: NC
DATE: 12/05/2013
SCALE: AS NOTED
JOB NO.:
DWG NAME: LIGHTING MODEL.DWG

LIGHTING & PHOTOMETRIC PLAN SHEET

SHEET:

LE1.4

z:_temporary 14003 superior town center fdp phase 1\fdp 1 phase 1\cad_lighting_model.dwg

landscapeforms

# ASHBERY PEDESTRIAN

Product Data Sheet

Ashbery is a trio of lights that brings together advanced LED technology and optics with an homage to traditional-style lights that have a special place in the American lexicon. The pedestrian light is offered in 12', 14' and 16' heights and is ideal for campuses, parks and plazas, helping create public spaces that are usable 24 hours a day. Options include single luminaires or a double-mount option for dual luminaires, one on either side of the pole. Patent-pending glare control requires less eye adaptation, enabling lower light levels and lower energy use with excellent visual acuity, while tenon-mounted luminaires can be repositioned in the field. Cast aluminum parts in a full color palette are finished with Landscape Forms proprietary Pangard IP HAPS, VOC, lead-free polyester powdercoat.

## Lighting Facts®

Landscape Forms is committed to the development of energy efficient lighting. We participate in the Department of Energy Lighting Facts® label program. This activity is voluntary but helps consumers evaluate the multitude of products on the market today. The Lighting Facts® label provides a quick but comprehensive summary of luminaire performance as measured by the IESNA LM-79 photometric test standard for solid state lighting.

## Electrical

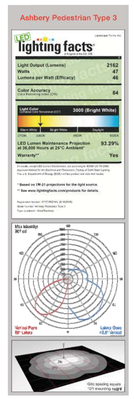
Surge protected 100V-277V 50/60 Hz. Class 2 LED dimmable driver. LED cartridge with weatherproof quick-disconnect provides ease of installation and serviceability. Ashbery Pedestrian ships pre-wired.

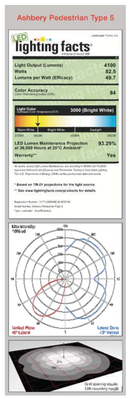
**Pedestrian Type 3**

Type 3 Distribution
Lamp: 3 Cree XP-PSC LEDs
CCT: 3000K, 3500K, 4000K
L70: >100,000 hrs
Drive Current: 1000mA
Optic: Cardo Optics
Lens: Diffused Acrylite®
Power Supply: 100V-277V
LED Driver: TRP PLED-50W
Dimmable: 0-10V
BUG Rating: B1 U1 G1
IP Rating: IP66 for LED Cartridge

**Pedestrian Type 5**

Type 5 Distribution
Lamp: 12 Cree XP-PSC LEDs
CCT: 3000K, 3500K, 4000K
L70: >100,000 hrs
Drive Current: 1000mA
Optic: Cardo Optics
Lens: Diffused Acrylite®
Power Supply: 100V-277V
LED Driver: TRP PLED-96W
Dimmable: 0-10V
BUG Rating: B2 U1 G1
IP Rating: IP66 for LED Cartridge






Landscape Forms, Inc. | 800.521.2546 | F 269.381.3435 | 7800 E. Michigan Ave., Kalamazoo, MI 49048

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# ASHBERY PEDESTRIAN LIGHT

Product Data Sheet

### To Order Ashbery Pedestrian Luminaire

Specify in order: Product, Lamp, Drive Current, Color Temperature, Input Voltage, Center Element, Connection, Optional Twist Lock Receptacle and Powdercoat Color.

| Product | Lamp | Drive Current | Color Temp. | Input Voltage | Center Element | Connection | Twist Lock* |
|---|---|---|---|---|---|---|---|
| AP ( ASHBERY ) | 20PL3 ( 6 LED Type 3 ) / 12PL5 ( 12 LED Type 5 ) | 100P ( 1000 mA ) | 40K ( 4000K ) / 35K ( 3500K ) / 30K ( 3000K ) | UV1 ( 100-277VAC ) | 2CK ( 2000K ) | P2 ( Single Tenon ) / CC1 ( Arm Mount ) | NTW ( No Twist Lock ) / TW1 ( Twist Lock ) |

EXAMPLE: AP – 20PL3 – 100P – 35K / UV1 – 2CK – P2 – TW1 – Powdercoat Color

*If luminaire is specified with CC1 (Arm Mount), specify optional Twist Lock Receptacle with pole.

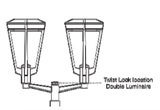
### To Order Ashbery Pedestrian Aluminum Pole

Specify in order: Product, Height, Connection, Pole Diameter, Base Cover, optional Twist Lock Receptacle and Powdercoat Color.

| | Product | Height | Connection | Pole Diameter | Base | Twist Lock |
|---|---|---|---|---|---|---|
| Single Luminaire | AP ( ASHBERY ) | 12 ( 144in ) / 14 ( 168in ) / 16 ( 192in ) | P2 ( Single Tenon ) | 4 ( 4 inches ) | NUT ( Nut Covers ) / CVR ( Cover Plate ) | To be specified with luminaire. |

| | Product | Height | Connection | Pole Diameter | Base | Twist Lock |
|---|---|---|---|---|---|---|
| Double Luminaire | AP ( ASHBERY ) | 12 ( 144in ) / 14 ( 168in ) / 16 ( 192in ) | 2CC1 ( 2CC1 Arm ) | 6 ( 6 inches ) | NUT ( Nut Covers ) / CVR ( Cover Plate ) | NTW ( No Twist Lock ) / TW1 ( Twist Lock ) |

EXAMPLE: AP – 14 – P2 – 4 – CVR – Powdercoat Color




NOTE: RED BOXES INDICATE SELECTED OPTIONS. POWDERCOAT COLOR OF POLE AND LUMINAIRE TO BE MATTE BLACK.



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Ashbery Pedestrian light, 16ft, double luminaire, with cover plate, no twist lock
Product Drawing

Date: 8/30/2016
www.landscapeforms.com Ph: 800.521.2546

(4) 3/4-10 x 18" THREADED RODS AND LEVELING NUTS INCLUDED

LED OPTIONS:

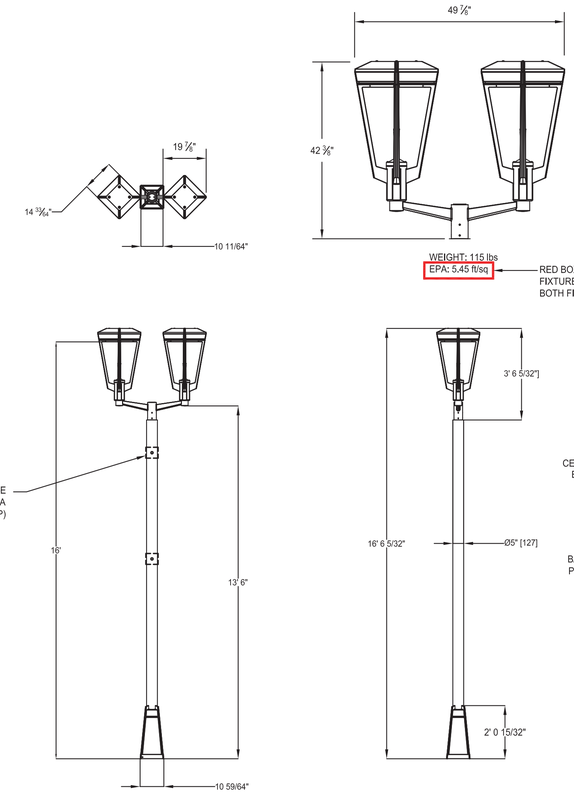
TYPE 3
TYPE 5

3000K
3500K
4000K

NOTE:
ALL LUMINAIRES SHALL DIRECT LIGHT DOWNWARD, HAVE A MAXIMUM UPLIGHT RATING OF 'U1' AND A MAXIMUM GLARE RATING OF 'G2' PER IES TM-15-11

| Flush Base | | | | | | |
|---|---|---|---|---|---|---|
| Max. Fixture Height | Option 1 | | | Option 2 | | |
| | d in. | e in. | Vertical Bars | d in. | e in. | Vertical Bars |
| 12'-0" | 18 | 56 | (4) #5 | 24 | 51 | (4) #6 |
| 16'-0" | 18 | 63 | (4) #5 | 24 | 57 | (4) #6 |
| 20'-0" | 18 | 71 | (4) #5 | 24 | 65 | (4) #6 |
| 25'-0" | 24 | 72 | (4) #6 | 30 | 66 | (6) #6 |
| 30'-0" | 24 | 80 | (4) #6 | 30 | 74 | (6) #6 |
| 35'-0" | 24 | 87 | (4) #6 | 30 | 80 | (6) #6 |

NOTE:
RED BOX INDICATES SELECTION.

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Drawing: AP0026
Dimensions are in inches [mm]
Patent Pending

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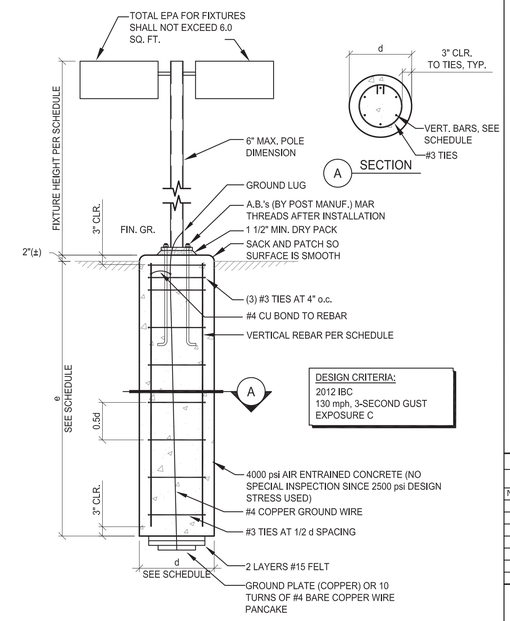
A / LE1.5 TYPE PL2: POLE MOUNTED ASHBERY PEDESTRIAN LIGHT ( FIXTURE & POLE ASSEMBLY)

SCALE: NONE




A / LE1.5 POLE BASE - FLUSH

SCALE: NONE

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720.481.3290
pkelectrical.com
JOB#16114

STC METROPOLITAN DISTRICT #2

141 UNION BLVD., STE 150
LAKEWOOD, CO 80228

SUPERIOR TOWN CENTER
FINAL DEVELOPMENT PLAN 1 - PHASE 1
AMENDMENT #1 - PAVING AND LANDSCAPING

REVISIONS

| NO. | DESCRIPTION | DATE |
|---|---|---|
| 1 | TOWN COMMENTS | 01-11-17 |
| 2 | TOWN COMMENTS | 02-09-17 |
| 3 | MYLARS | 04-10-17 |
| 4 | MYLARS | 05-05-17 |

DESIGNED BY: TC
DRAWN BY: MB/BG
CHECKED BY: AW
DATE: 05/05/2017
SCALE: AS NOTED
JOB NO.: 16114
DWG NAME:

LIGHTING DETAILS

SHEET:
LE1.5

| Luminaire Schedule - All Sheets Combined | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| LABEL | SYMBOL | QTY | DESCRIPTION | LED COLOR TEMP | BUG RATING | WATTS | LUMENS | POLE TYPE | LUMINAIRE HEIGHT |
| PL2 | | 55 | (2)POLE-MOUNTED ASHBERY PEDESTRIAN LED WITH TYPE 3 DISTRIBUTION | 3000K | B1-U1-G1 | 46.9 | 2162 | AP-16-2CC1-3-CVR-TW1 | 16'-0" |
| PL3 | | 25 | (1) PHILIPS HADCO MA3 LED MACHINED ACCENT SPOT LIGHT | 3000K | NA | 15.2 | 900 | NA | GROUND LEVEL |

| CALCULATIONS SUMMARY - ROUNDABOUT ( E ) | | |
|---|---|---|
| Illuminance (E) criteria (per IESNA DG-19-08) | E-avg | E-avg/E-min |
| Target (Collector: Medium) | 1.6 fc | 4 |
| Proposed | 1.6 fc | 8 |

| CALCULATIONS SUMMARY - STREETS COMBINED ( E ) | | |
|---|---|---|
| Illuminance (E) criteria (per IESNA DG-19-08) | E-avg | E-avg/E-min |
| Target (Collector: Medium) | 1.6 fc | 4 |
| Proposed | 1.6 fc | 3.5 |

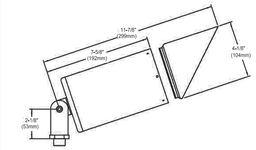
| CALCULATIONS SUMMARY - STREETS COMBINED ( L ) | | | |
|---|---|---|---|
| Luminance (L) criteria (per IESNA RP-8-00) | L-avg | L-avg/L-min | L-max/L-min |
| Target (Collector: Medium) | 0.6 cd/m² | 3.5 | 6 |
| Proposed | 0.6 cd/m² | 4.1 | 10.5 |

**Illuminance ( E ) -** Illuminance refers to the light level, or amount of light falling on a surface. It is measured in lux or footcandles. Horizontal illuminance refers to the amount of light falling on a horizontal surface. The unit is footcandles (fc) and the mathematical symbol is E.

**Luminance (L) -** Luminance decribes the quantity of light emitted from a source or reflected off a surface or object. The unit is cd/m² and the mathematical symbol is L.

## LED Machined Accent (MA3) Specification Sheet

| Project Name: | Location: | MFG: Philips Hadco |
|---|---|---|
| Fixture Type: MA3 SP D W A L | Catalog No.: | Qty: |




### Ordering Guide

Example: MA3 FL D W A L

| Product Code | MA3 | LED Machined Accent |
|---|---|---|
| Optics | FL | Flood |
| | SP | Spot |
| Source/Lumens | D | LED |
| CCT | W | Warm 3000K |
| | C | Cool 4000K |
| Finish | A | Black |
| | H | Bronze |
| Shroud | L | Shroud |

### Specifications

**HOUSING:**
½"-14 NPSM male threads to screw onto accessory mounting stake or junction box, sold separately. O-ring gasket. Machined gasket surfaces. Precision machined from corrosion resistant 6061-T6 aluminum. Machined aluminum body and knuckle arm. Stainless steel fasteners. Tapered shroud is fully rotatable and removable.

**FINISH:**
Thermoset polyester powdercoat is electrostatically applied after a five-stage conversion cleaning process and bonded by heat fusion thermosetting.

**LAMPING:**
3000K or 4000K color temperature (CCT). Approximately 55,000 hours of operational life (at 30ºC ambient temperature and 70% lumen maintenance). 8.4 total watts consumed.

**OPTICAL ASSEMBLY:**
Spot optics: 21º. Flood optics: 40º. Clear tempered lens permanently affixed.

**ELECTRICAL ASSEMBLY:**
Pre-wired with 12" out-wires. Input voltage range (VAC): 100-277 VAC.

**IP RATING:**
IP66: Completely dust-tight and sealed to withstand low pressure jets of water from any direction.

**WARRANTY:**
Ten-year limited warranty.

**CERTIFICATIONS:**
ETL Listed to U.S. safety standards for wet locations. cETL listed to Canadian safety standards for wet locations. Manufactured to ISO 9001:2008 Standards.

**Width:**
4 1/8" (104mm)

**Length:**
7 5/8" (192 mm)

**Max. Weight:**
2.45 lbs.

ISO 9001:2008 Registered

Page 1 of 1

PHILIPS HADCO

Note: Philips reserves the right to modify the above details to reflect changes in the cost of materials and/or production and/or design without prior notice. 100 Craftway Drive, Littlestown, PA 17340 | P: +1-717-359-7151 F: +1-717-359-9259 | http://www.hadco.com | Copyright 2013 Philips HWZ

A
LE1.6

TYPE PL3: Philips Hadco MA3 LED Machined Accent Spot Light

SCALE: NONE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Reno, Nevada 89511
775.826.9010

5105 DTC Pky, Ste 420
Greenwood Village, CO 80111
720.481.3290
pkelectrical.com
JOB#16114


STC METROPOLITAN DISTRICT #2

141 UNION BLVD., STE 150
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SUPERIOR TOWN CENTER
FINAL DEVELOPMENT PLAN 1 - PHASE 1
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REVISIONS

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|---|---|---|
| 1 | TOWN COMMENTS | 01-11-17 |
| 2 | TOWN COMMENTS | 02-09-17 |
| 3 | MYLARS | 04-10-17 |
| 4 | MYLARS | 05-05-17 |

DESIGNED BY: TC
DRAWN BY: MB/BG
CHECKED BY: AW
DATE: 05/05/2017
SCALE: AS NOTED
JOB NO.: 16114
DWG NAME:

LIGHTING DETAILS

SHEET:
LE1.6