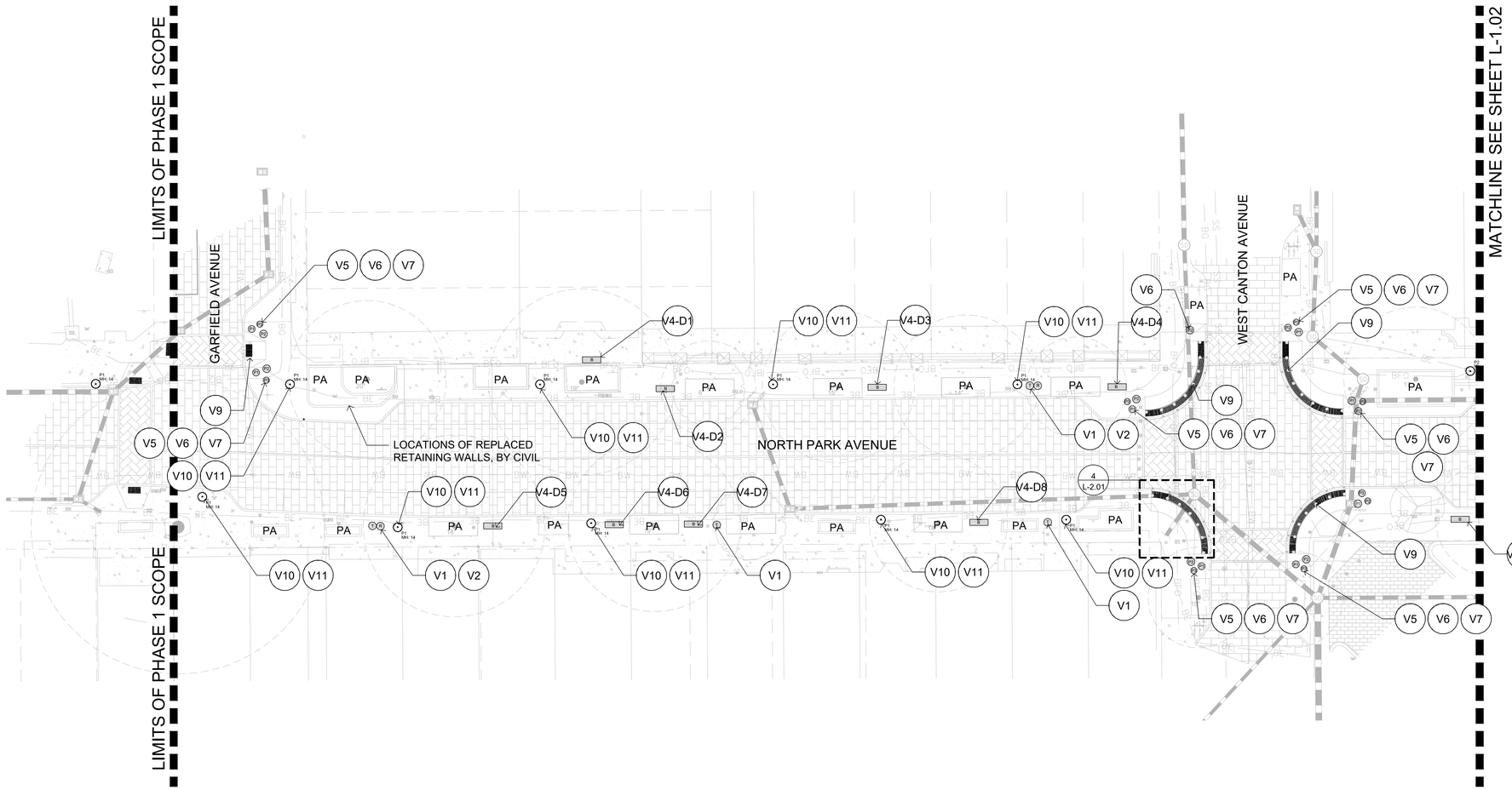
**BENCH DONOR LEGEND:**
D1- Michael and Andrea Donaldson
D2- Tom Kazeck
D3- Brenda Voght Harrison
D4- Louise Peterson
D5- Carolyn Kent Butt Grist
D6- Whittington Bench
D7- Jay E. Folk
D8- Cathy O'Shaughnessy Krautler
D9- Madeleine Becker
D10- Fred G. Owles, Jr., AIA
D11- John McQueen Mills
D12- Thomas Patrick Prince
D13- Thomas B. Savino




NOTE: CONTRACTOR TO COORDINATE WITH CITY OF WINTER PARK TO STORE EXISTING BENCHES OFF-SITE. ALL DEDICATED / NAMED BENCHES MUST BE PLACED IN THE SAME GENERAL LOCATION THAT THEY WERE REMOVED.

REFER TO SHEET C6.1/6- CUSTOM HANDICAP RAMP WITH TACTILE DETECTABLE WARNINGS

NORTH

0' 10' 20' 40'

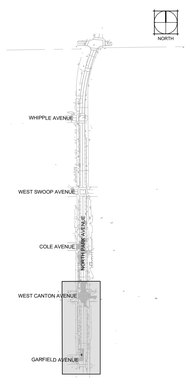
SCALE: 1" = 20'

## SHEET LEGEND:

| Tag | Material |
|---|---|
| V1 | LITTER RECEPTACLE - WITH HOOD |
| V2 | RECYCLING RECEPTACLE WITH HOOD |
| V3 | TREE GRATE |
| V4 | BENCH - BY CITY (RELOCATED) |
| V5 | CUSTOM PLANTER POT 1 |
| V6 | CUSTOM PLANTER POT 2 |
| V7 | CUSTOM PLANTER POT 3 |
| V8 | BIKE RACK |
| V9 | BOLLARD COVER AND BASE |
| V10 | SITE LIGHT POLE WITH PLANTER BASKETS |
| V11 | HANGING BASKETS |
| P1 | MEDIUM POT |
| P2 | LARGE POT |
| P3 | SMALL POT |
| PA | PLANTING AREA |

FOR ALL PLANTER POT SIZES AND COLOR SEE MATERIAL SCHEDULE ON SHEET L-1.10

## KEY PLAN:




DANIEL ROGERS
LANDSCAPE ARCHITECTURE


STRINGFELLOW PLANNING & DESIGN

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# PARK AVENUE REFRESH PHASE 1

Winter Park, Florida

SEAL

DANIEL A. ROGERS, RLA
FLORIDA LICENSE #6666866

| ISSUED: | DATE: |
|---|---|
| PRICING DOCUMENTS | 08/07/2025 |
| IFC DOCUMENTS | 10/29/2025 |
| PERMIT SUBMITTAL | 01/19/2026 |

| REV. | DATE | DESCRIPTION |
|---|---|---|

HARDSCAPE PLAN

Sheet Title

| | |
|---|---|
| JOB NO. | 2024.026 |
| SCALE: | AS SHOWN |
| DATE: | 08/07/2025 |
| DESIGN | BRW |
| DRAWN: | BRW |
| CHECKED: | DAR |

L-1.01


PRINT DATE: 01/16/2026 @ 06:10:54 PM REVISED DATE: 01/16/2026 @ 06:10:54 PM REVISED BY: BRYAN
DWG NAME: Z:\SHARED\DRLA\PROJECTS\2024\2024.026_PARK AVENUE REFRESH\DESIGN\CAD\PAR-HSP.DWG

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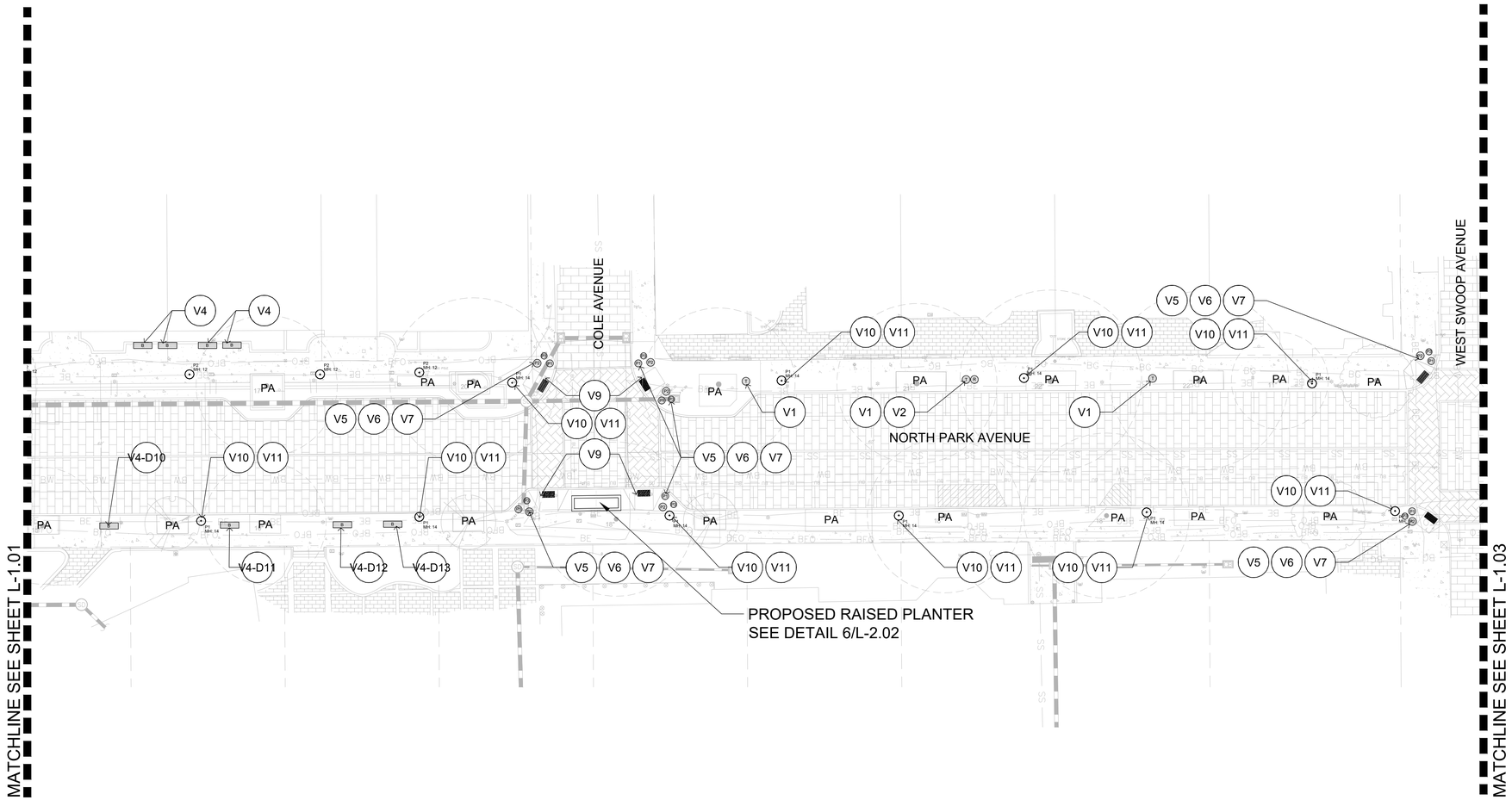


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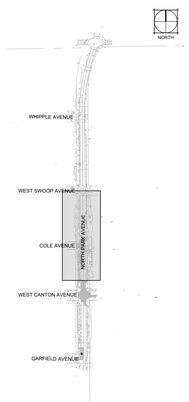


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L-1.02


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## MATERIAL SCHEDULE

| Paving / Surfaces | Tag | Material | Color | Finish / Pattern | Model / Style | Dimension | Manufacturer / Supplier | Vendor No. | Notes | Detail |
|---|---|---|---|---|---|---|---|---|---|---|
| | P1 | Pedestrian Walk | Natural Gray Concrete | Medium Broom- Match Direction of existing | By Contractor | See Civil | By Contractor | N/A | Refer to civil engineer's drawings for limits of demolition and final placement of concrete Top of proposed slabs to be install flush with existing, abutting slab. Refer to civil engineer's drawings for all grading information. All cold joints to be provide with a ½" wide expansion joint, zip strip, and colored caulk. | L-2.01 |
| | P2 | Handicap Ramp- by Civil | Natural Gray Concrete | Medium Broom | By Contractor | See Civil | By Contractor | N/A | Refer to civil engineer's drawings for locations and design. Refer to civil engineer's drawings for all grading information. All cold joints to be provide with a ½" wide expansion joint, zip strip, and colored caulk. | N/A |
| | P3 | ADA Tactile Pavers | A-70 | Truncated Dome | Paver | 12" x 12" ; 2 3/4" thickness | Wausau Tile | N/A | Pavers to be sand set. Refer to manufacturer for specifications and installation instructions. Pavers to be flush with abutting concrete walk. Sweep fine dry polymeric sand of over pavement surface to fill joints immediately after installing pressed pavers, slabs and curbs on setting bed. | See Civil |
| | P4 | ADA Tactile Pavers | A-70 | DB1- Directional Bar | Paver | 12" x 12" ; 2 3/4" thickness | Wausau Tile | N/A | See Above | See Civil |

| Masonry / Concrete | Tag | Material | Color | Finish / Pattern | Model / Style | Dimension | Manufacturer / Supplier | Vendor No. | Notes | Detail |
|---|---|---|---|---|---|---|---|---|---|---|
| | M1 | Structural Retaining Wall | | | | | | | | |
| | | Pre-Cast Cap: | | Acid Wash | See Detail | See Detail X 24" L Max. | DC Kerckhoff Company | Vendor 3 | Submittals of precast and brick to be provided to city for review and approval for final color and finish. | L2.02 |
| | | Cast In Place Wall: | N/A | N/A | By Contractor | See Detail | By Contractor | N/A | Structural design of CIP wall by others. Precast to be sealed with Protec C | N/A |
| | | Brick Façade: | Match Existing | Match Existing | Match Existing | See Detail | Ovation Construction | N/A | Sealer as per manufacturer's recommendations. Precast caps to be installed with 1/2" diameter X 3" SS dowels, (2) per cap. Slope caps to drain. | N/A |
| | M2 | Pre-Cast Cap: | Verify with City | Acid Wash | See Detail | See Detail X 24" L Max. | DC Kerckhoff Company | Vendor 3 | Submittals of precast to be provided to city for review and approval for final color and finish. Precast to be sealed with Protec C Sealer as per manufacturer's recommendations. Precast caps to be installed with 1/2" diameter X 3" SS dowels, (2) per cap. Slope caps to drain. | L-2.02 |

| Vendor / Furnishings | Tag | Material | Color | Finish / Pattern | Model / Style | Dimension | Manufacturer / Supplier | Vendor No. | Notes | Detail |
|---|---|---|---|---|---|---|---|---|---|---|
| | V1 | Litter Receptacle - with Hood | Gloss Black | Neutral Series -Powder Coated with Hood and Standard Side Opening | Poe Litter | 29" D X 29" L X 44" H - 34 gallons. | Landscape Forms | Vendor 15 | Color to be provided to owner for final color selection. Install per manufacturer's recommendations. Surface mount with manufacturer's hardware. Manufacturer to provide with lock mechanism. | N/A |
| | V2 | Recycling Receptacle with Hood- | Gloss Black | Neutral Series -Powder Coated with Hood and 5" Diam. Side Opening | Poe Litter | 29" D X 29" L X 44" H -34 gallons. | Landscape Forms | Vendor 15 | Color to be provided to owner for final color selection. Install per manufacturer's recommendations. Surface mount with manufacturer's hardware. The manufacturer is to add a 5" diameter side opening and the recycling logo. Manufacturer to provide with lock mechanism. | N/A |
| | V3 | Tree Grate | Black | Cardinal Powder Coat Finish: BK-108 | SPIN SPX48-48I99TGHP | Spin 4' X 4' With 16" Center Opening. | Iron Age Design | Vendor 92 | Provide with the manufacturer Perimeter Frame to match grate color and finish. | L-2.01 |
| | V4 | Bench - By City (Relocated) | | | | | | N/A | Refer to plan and Donor List for placement. | N/A |
| | V5 | Custom Planter Pot 1 | Smoke Item # S00010064 | Acid Wash Texture | Custom | 40" H X 1'10" W | DC Kerckhoff Company | Vendor 3 | Provide each planter with irrigation & amended soil as per notes and details provided. A full-size mock-up shall be provided for each planter pot to be reviewed and approved by city staff prior to final sign-off and fabrication. Vendor to provide city with mold of each planter pot style at close-out of project. Galvanized structural steel pipe internal bollard and footing to be coordinated with each planter pot location. Final design of structural steel pipe internal bollard to be provided by structural designer. | L -2.03 |
| | V6 | Custom Planter Pot 2 | Smoke Item # S00010064 | Acid Wash Texture | Custom | 32" H X 2'-5 1/2" W | DC Kerckhoff Company | Vendor 3 | Provide each planter with irrigation & amended soil as per notes and details provided. A full-size mock-up shall be provided for each planter pot to be reviewed and approved by city staff prior to final sign-off and fabrication. Vendor to provide city with mold of each planter pot style at close-out of project. Galvanized structural steel pipe internal bollard and footing to be coordinated with each planter pot location. Final design of structural steel pipe internal bollard to be provided by structural designer. | L -2.03 |
| | V7 | Custom Planter Pot 3 | Smoke Item # S00010064 | Acid Wash Texture | Custom | 24" H X 2'-3" W | DC Kerckhoff Company | Vendor 3 | Provide each planter with irrigation & amended soil as per notes and details provided. A full-size mock-up shall be provided for each planter pot to be reviewed and approved by city staff prior to final sign-off and fabrication. Vendor to provide city with mold of each planter pot style at close-out of project. Galvanized structural steel pipe internal bollard and footing to be coordinated with each planter pot location. Final design of structural steel pipe internal bollard to be provided by structural designer. | L -2.03 |
| | V8 | Bike Rack | Railing Black | Powder Coat | Item # 6747 | 26 7/8" W X 25" H | Kenneth Lynch & Sons | Vendor 143 | Attach bike rack to concrete slab as per manufacturer's recommendations. All hardware to be provided by manufacturer. Coordinate spacing for bikes per manufacturer's recommendations . Bike rack locations to comply with ADA path regulations. | N/A |
| | V9 | Bollard Cover and Base | Black Texture | Semigloss | R-7591 | 31-3/4" H X 5-7/8" Body Diam. X 10-1/4" Base Diam. Max Int. Pipe Height 25", Max Int. Pipe Dia.4-1/2" | Reliance Foundry | Vendor 144 | Install per manufacturer's recommendations. Coordinate with internal structural steel post. | N/A |
| | V10 | Site Light Pole With Planter Baskets | See MEP | See MEP | See MEP | See MEP | Landreth | Vendor 14 | Contractor to ensure connection to irrigation, provide at each post with a metal valve box provided by the City of Winter Park. Provide with (2) planter baskets per pole. See V11 below. | N/A |
| | V11 | Hanging Baskets | Antique Black | AquaPlus Coco Moss Liner | Item # C960-1 | 24" Diam. Heavy Duty Iron Hanging Basket 9" Deep with Four Strand Deluxe Chain Hanger. | Topiary Art Works & Greenhouse, LLC | Vendor 145 | | N/A |
| | V12 | Skateboard Deterrent | Gray | Hard Tumble with Clear Anodize | FA 902.5S 6061-T6 Aluminum | 2" W X 4" D X 2-3/8" H 1/2" Diam. For Corners with 1/2" Radius. | Skate Stoppers | Vendor 146 | Per manufacturer recommendations the Skate stopper with 1/2" radius for use with Smart Pins Plus. and kit provided by manufacturer for installation of the skate stoppers. Contractor to consider Lead Time for the hard anodizing option. | N/A |

| Vendor No. | Contact Information |
|---|---|
| 1 | Artistic Pavers<br>Rich Mueller<br>C: 407.383.5747<br>www.artisticpavers.com |
| 3 | DC Kerckhoff Company<br>Shelly Admire<br>P: 239-597-7218<br>https://kerckoffstone.com |
| 143 | Kenneth Lynch & Sons<br>Maria Dumoulin<br>P: 203.264.2831 X 310<br>maria@klynchandsons.com |
| 15 | Landscape Forms<br>Kellie Moore<br>P: 1.800-430-6206 Ext. 1322<br>C: 407-754-6214<br>kmoore@landscapeforms.com |
| 14 | Landreth<br>Bob Watson<br>C: 407.754.5941<br>bob@landrethinc.com<br>https://landrethinc.com/ |
| 144 | Reliance Foundry<br>Vedant Capila<br>P: 1.877.789.3245<br>Direct: 604.592.4327<br>Vedant@reliance-foundry.com |
| 92 | Iron Age Design<br>Kathleen Armstrong<br>C: 206.550.8268<br>P: 206.276.0925<br>kathleen@ironagegrates.com<br>www.ironagegrates.com |
| | Ovation Contsruction<br>Mike Lewis<br>P: 407.242.5429<br>mike@ovationinc.net |
| 144 | Reliance Foundry<br>Vedant Capila<br>P: 1.877.789.3245<br>Direct: 604.592.4327<br>Vedant@reliance-foundry.com |
| 92 | Iron Age Design<br>Kathleen Armstrong<br>C: 206.550.8268<br>P: 206.276.0925<br>kathleen@ironagegrates.com<br>www.ironagegrates.com |

**SHEET LEGEND:**

**KEY PLAN:**

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LANDSCAPE ARCHITECTURE


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HARDSCAPE MATERIAL SCHEDULE

Sheet Title

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DWG NAME: Z:\SHARED\DRLA\PROJECTS\2024\2024.026_PARK AVENUE REFRESH\DESIGN\CAD\PAR-HSP.DWG
PRINT DATE: 10/24/2025 @ 12:41:30 PM REVISED DATE: 10/24/2025 @ 12:41:30 PM REVISED BY: BRYAN

## PLANT SCHEDULE PAR- TSD

| SYMBOL | CODE | QTY | BOTANICAL NAME | COMMON NAME | SPEC | NATIVE | DROUGHT TOLERANT | SPACING |
|---|---|---|---|---|---|---|---|---|
| TREES | | | | | | | | |
| | LAG | 4 | Lagerstroemia indica x fauriei 'Muskogee' | Muskogee Crape Myrtle | 5"-6" Cal., 16' - 18' Ht., Standard | No | Medium | Per Plan |
| | QUV | 4 | Quercus virginiana | Southern Live Oak | 6" Cal Min., 16' - 18' Ht., Specimen | Yes | High | Per Plan |

## PLANT SCHEDULE PAR LAND

| SYMBOL | CODE | QTY | BOTANICAL NAME | COMMON NAME | SPEC | NATIVE | DROUGHT TOLERANT | SPACING |
|---|---|---|---|---|---|---|---|---|
| SHRUB AREAS | | | | | | | | |
| | ZAP | 348 | Zamia pumila | Coontie Cycad | 3 gal., 12-14" Ht., Full in Pot | Yes | High | 30" o.c. |
| GROUND COVERS | | | | | | | | |
| | LIM | 538 | Liriope muscari | Lilyturf | 1 Gal., 12" Ht. x 12" Spr. | No | High | 18" o.c. |
| SOD/SEED | | | | | | | | |
| | STE | 1,470 sf | Stenotaphrum secundatum 'Floratam' | Floratam St. Augustine Grass | sod | No | Low | |
| | ZOY | 1,872 sf | Zoysia japonica 'Empire' | Empire Zoysia Grass | sod | | High | |
| SEASONAL FLOWERS | | | | | | | | |
| | ANN | 775 | Seasonal Flowers mixed species | | 1 Gal., Full in Pot | NA | NA | 12" o.c. |

## STRUCTURAL SOIL NOTES

1. PROVIDE STRUCTURAL SOIL BENEATH PAVEMENTS ADJACENT TO CANOPY TREES TO ALLOW ROOT GROWTH WHILE SUPPORTING VEHICULAR LOADS.
2. STRUCTURAL SOIL SHALL CONSIST OF ANGULAR CRUSHED STONE (≈80%), LOAM SOIL (≈20%), AND HYDROGEL BINDER, THOROUGHLY BLENDED.
3. STONE SHALL BE WASHED, ANGULAR, AND UNIFORMLY GRADED (NO LIMESTONE SCREENINGS OR FINES).
4. SOIL COMPONENT SHALL BE FLORIDA-COMPATIBLE LOAM, FREE OF DEBRIS, SALTS, AND EXCESSIVE CLAY.
5. INSTALL STRUCTURAL SOIL TO A MINIMUM DEPTH OF 24–36 INCHES UNLESS OTHERWISE SHOWN.
6. EXTEND STRUCTURAL SOIL HORIZONTALLY TO A MINIMUM OF 2–3 TIMES THE TREE ROOT BALL DIAMETER OR AS SPACE ALLOWS.
7. COMPACT STRUCTURAL SOIL TO 95% STANDARD PROCTOR TO MEET PAVEMENT STRUCTURAL REQUIREMENTS.
8. DO NOT COMPACT WITHIN THE TREE PIT OPENING OR DIRECTLY AGAINST THE ROOT BALL.
9. PROVIDE SUBSURFACE DRAINAGE WHERE HIGH WATER TABLES OR POORLY DRAINED SOILS ARE PRESENT.
10. STRUCTURAL SOIL SHALL BE SEPARATED FROM SURROUNDING NATIVE SOILS WITH GEOTEXTILE FABRIC WHERE REQUIRED.
11. COORDINATE LIMITS OF STRUCTURAL SOIL WITH UTILITIES, IRRIGATION, AND STORMWATER SYSTEMS.
12. TREES PLANTED IN STRUCTURAL SOIL SHALL RECEIVE SUPPLEMENTAL IRRIGATION DURING ESTABLISHMENT.
13. STRUCTURAL SOIL SYSTEMS ARE INTENDED TO REDUCE SIDEWALK HEAVE AND INCREASE CANOPY LONGEVITY.

## LANDSCAPE NOTES

1. NEWLY INSTALLED "CANOPY" TREES SHALL HAVE THEIR DBH MEASURED 4'-6" ABOVE GRADE.

2. ALL PLANT MATERIAL SHALL MEET OR EXCEED THE STANDARDS OF FLORIDA NO 1 AS GIVEN IN "GRADES AND STANDARDS FOR NURSERY PLANTS 2015," STATE OF FLORIDA, DEPARTMENT OF AGRICULTURE, TALLAHASSEE, AND ANY AMENDMENTS THERETO.

3. THE LANDSCAPE ARCHITECT MAY REJECT ANY PLANT MATERIAL BROUGHT TO THE SITE WHICH HE DEEMS TO BE OF INFERIOR QUALITY OR APPEARANCE.

4. ALL PLANT BEDS SHALL BE TOP DRESSED WITH A MINIMUM OF 3" DEPTH PINE BARK MULCH. PINE BARK MULCH TO BE DOUBLE SHREDDED TYPE. MAINTAIN A 3" CLEAR SPACE BETWEEN MULCH AND THE PLANT STEM.

5. ALL TREES SHALL HAVE ALL SYNTHETIC BURLAP REMOVED FROM THE ENTIRE ROOT BALL. JUTE BURLAP SHALL BE REMOVED FROM THE TOP ONE-THIRD OF THE ROOT BALL. THE TOP THREE ROWS OF SQUARES ON ALL CAGES AROUND THE ROOT BALLS SHALL BE CLIPPED OFF AND REMOVED.

6. THE CONTRACTOR SHALL READ AND ADHERE TO ALL WRITTEN SPECIFICATIONS.

7. THE CONTRACTOR SHALL VISUALLY INSPECT THE SOILS CONDITION OF THE SITE. HE SHALL DIG A MINIMUM OF 12 TEST HOLES 3 FOOT DEEP RANDOMLY AROUND THE SITE. HE SHALL PERFORM PERCOLATION TESTS IN THESE HOLES FOR A PERIOD OF ONE HOUR EACH. THE HOLES SHALL BE FILLED WITH WATER AND IF THE HOLES HOLD MORE THAN 6" OF WATER AFTER ONE HOUR, THE LANDSCAPE ARCHITECT SHOULD BE NOTIFIED OF THE PROBLEM. THE CONTRACTOR SHALL RECOMMEND SUBSTITUTIONS OF PLANT MATERIAL AND PLANTING INSTALLATION TO ACCOMMODATE POOR DRAINING SOILS.

8. THE CONTRACTOR SHALL PROVIDE A SOIL TEST IN FOUR LOCATIONS AND PROVIDE RECOMMENDATIONS FOR AMENDMENTS BASED ON THE RESULTS. IMPROPER SOIL SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL RECTIFY ALL INCURRED DAMAGES AT NO ADDITIONAL COST TO THE OWNER.

9. THE CONTRACTOR SHALL REVIEW THE SOILS REPORT ON FILE WITH THE OWNER.

10. THE INSTALLATION OF PLANT MATERIAL SHALL BE VIEWED AS ACCEPTANCE BY THE CONTRACTOR OF EXISTING GRADES AS GIVEN TO HIM. THE CONTRACTOR SHALL PROVIDE TO THE LANDSCAPE ARCHITECT A WRITTEN LETTER OF ACCEPTABILITY OF GRADES. FAILURE TO DO SO WILL BE VIEWED AS AN ACCEPTANCE OF EXISTING GRADES BY THE CONTRACTOR.

11. IN THE EVENT THAT SOD IS PROVIDED, THE CONTRACTOR WILL BE REQUIRED TO SAND AREAS OF SOD THAT ARE NOT SMOOTHLY APPLIED TO ELIMINATE SMALL IRREGULARITIES IN GRADES. LARGE IRREGULARITIES IN GRADE WILL REQUIRE REGRADING & RESODDING.

12. CONTRACTOR SHALL PROVIDE PHOTOGRAPHS OF THE PLANT MATERIAL PRIOR TO DELIVERY FOR LANDSCAPE ARCHITECTS APPROVAL.

13. IN THE EVENT THAT CONTAINER SIZE SPECIFIED IS SMALLER THAN THE PLANT DIMENSIONS, PLANT SIZING IS TO TAKE PRECEDENT OVER CONTAINER SIZE.

14. LANDSCAPE ARCHITECT SHALL BE NOTIFIED IN WRITING SEVEN (7) DAYS PRIOR TO DELIVERY OF PLANT MATERIAL.

15. LANDSCAPE ARCHITECT RESERVES THE RIGHT TO REJECT ANY MATERIAL SPECIFIED THAT DOES NOT MEET QUALITY, SIZE OR DESIGN INTENT.

## SOIL AMENDMENT NOTES

1. CONTRACTOR TO TILL ALL AREAS ON PLANS DEEMED AS PROPOSED PLANTING.

2. SOIL ANALYSIS & PERCOLATION TEST TO BE PROVIDED BY CONTRACTOR PRIOR TO INSTALLATION OF ANY PLANT MATERIAL.

3. ALL IMPORTED FILL SHALL BE CLEAN & FREE OF DEBRIS. NO MUCK SHALL BE USED IN PLANTING AREAS.

4. ALL IMPORTED FILL & EXCAVATED SOIL FROM ON SITE BEING USED FOR PLANTING AREAS SHALL BE TESTED FOR PH. THE RESULTS SHALL BE PROVIDED TO THE LANDSCAPE ARCHITECT AND/OR OWNER FOR REVIEW WHEN THE SOIL IS DELIVERED TO THE SITE AND AGAIN PRIOR TO PLANTING.

5. ALL POTS & PLANTERS SHALL RECEIVE PLANTING MIX AS SHOWN:
   40% PEAT
   40% COURSE BUILDERS SAND
   10% DECOMPOSED PINE BARK
   10% CYPRESS CHIPS
   4 LBS OF FERTILIZER
   2 LBS OF TRACE ELEMENTS
   TREATED COW MANURE, PH OF 5.5 TO 6.5

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PLANT SCHEDULE + NOTES

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|---|---|
| JOB NO. | 2024.026 |
| SCALE: | AS SHOWN |
| DATE: | 08/07/2025 |
| DESIGN | BRW |
| DRAWN: | BRW |
| CHECKED: | DAR |

L-3.10


PRINT DATE: 01/16/2026 @ 06:01:22 PM REVISED DATE: 01/16/2026 @ 06:01:22 PM REVISED BY: BRYAN
DWG NAME: Z:\SHARED\DRLA\PROJECTS\2024\2024.026_PARK AVENUE REFRESH\DESIGN\CAD\PAR-LSP.DWG

NOTE: ALL PIPING SHALL BE INSTALLED CLOSE TO THE BACK SIDE OF PLANTING AREAS . CONTRACTOR SHALL FLAG LOCATIONS FOR ALL PIPING AND IRRIGATION EQUIPMENT FOR APPROVAL BY THE CITY. NO EXCAVATION SHALL COMMENCE UNTIL FLAGGED LOCATIONS ARE APPROVED.

EVERY LIGHT POST WITH HANGING BASKETS SHALL RE-USE THE EXISTING VALVE BOX WITH A NEW BALL VALVE INSTALLED AT EACH POST. REFER TO INSTALLATION DETAIL.

**BLOCK DESIGN INTENT:** AREA BETWEEN GARFIELD AND WEST CANTON AVENUE IS CURRENTLY CONNECTED AND POWERED VIA THE CONTROLLER SOUTH OF MORSE AVENUE. AS PER CITY OF WINTER PARK, THE DESIGN INTENT OF PHASE 1 PARK AVENUE REFRESH IS TO DISCONNECT FROM THE EXISTING CONTROL SYSTEM AND BEGIN UPDATED IRRIGATION AT GARFIELD. ALL NEW IRRIGATION SHALL BE OPERATED AS A TWO WIRE BASED CONTROL SYSTEM WITH THE POINT OF CONNECTION LOCATED SOUTH OF GARFIELD AVENUE (SEE PLAN).

2025-10-24 12:31

## IRRIGATION SCHEDULE

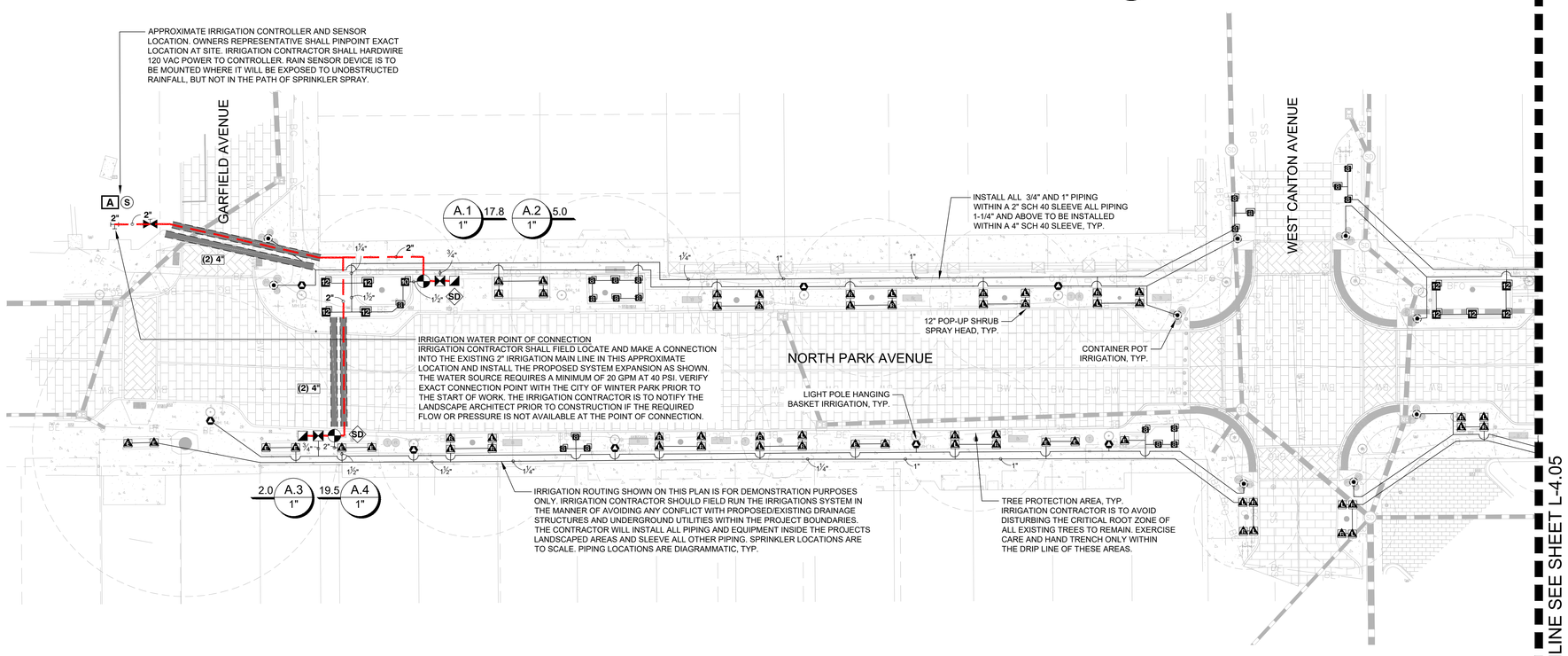
| SYMBOL | MANUFACTURER/MODEL |
|---|---|
| EST LCS RCS CST SST | Rain Bird 1806-U-PRS 15 Strip Series |
| Q T H F | Rain Bird 1806-U-PRS U8 Series |
| Q T H F | Rain Bird 1806-U-PRS U10 Series |
| 8 08HE-VAN 10 10HE-VAN 12 12HE-VAN 15 15HE-VAN | Rain Bird 1806-U-PRS HE-VAN Series |
| EST LCS RCS CST SST | Rain Bird 1812-PRS-U 15 Strip Series |
| Q T H F | Rain Bird 1812-PRS-U U8 Series |
| Q T H F | Rain Bird 1812-PRS-U U10 Series |
| Q T H TT TQ F | Rain Bird 1812-PRS-U U12 Series |
| 8 08HE-VAN 10 10HE-VAN 12 12HE-VAN 15 15HE-VAN | Rain Bird 1812-PRS-U HE-VAN Series |
| SYMBOL | MANUFACTURER/MODEL |
| | Rain Bird XCZ-100-IVMQ |
| | Container Pot Irrigation |
| | Light Pole Hanging Basket Irrigation |

2025-10-24 12:31

## IRRIGATION SCHEDULE

| SYMBOL | MANUFACTURER/MODEL |
|---|---|
| | Rain Bird PEB-IVM |
| | Rain Bird 44-LRC |
| | Nibco T-113-K |
| BF | Existing Backflow Device 2" |
| A | Rain Bird ESPLXIVM-LXMM-LXMMPED |
| B | Rain Bird ESPLXIVM-LXMM-LXMMPED |
| SD | Rain Bird LXIVMSD |
| S | Rain Bird RSD-CEx (2) |
| POC | Point of Connection 2" |
| 2" | Point of Connection 2" |
| | Irrigation Lateral Line: PVC Schedule 40 |
| | Irrigation Mainline: PVC Schedule 40 Main line |
| | Irrigation Mainline: Existing 2" Mainline |
| | Pipe Sleeve: PVC Schedule 40 |
| | Pipe Sleeve: Schedule 40 Std. Steel Pipe |

Valve Callout
- Valve Number
- Valve Flow
- Valve Size




PLAN NOTES:

THESE PLANS ARE DIAGRAMMATIC OF THE WORK TO BE PERFORMED. ALL LANDSCAPED AREAS ARE TO RECEIVED 100% COVERAGE. INSTALL THIS IRRIGATION SYSTEM PER THE SITE CONDITIONS, AVAILABLE FLOW/PRESSURE AND MANUFACTURERS RECOMMENDATIONS. ADJUST ZONE FLOWS TO ACCOMMODATE THE AVAILABLE MAINLINE FLOWS AND PRESSURES.

THE DESIGN PROFESSIONAL DOES NOT ACCEPT ANY/ALL RESPONSIBILITY AND/OR LIABILITY FOR PROBLEMS WHICH ARISE FROM FAILURE TO FOLLOW THESE PLANS, SPECIFICATIONS AND DESIGN INTENT THEY CONVEY OR PROBLEMS WHICH ARISE FROM OTHERS' FAILURE TO OBTAIN AND/OR FOLLOW THE DESIGN PROFESSIONALS GUIDANCE WITH RESPECT TO ANY ERRORS, OMISSIONS, INCONSISTENCIES, AMBIGUITIES OR CONFLICTS WHICH ARE ALLEGED.

IRRIGATION INSTALLATION CONTRACTOR SHALL BE RESPONSIBLE TO LOCATE AND IDENTIFY ALL COMPONENTS OF THE EXISTING IRRIGATION SYSTEM. INSTALLATION CONTRACTOR WILL BE RESPONSIBLE TO REPLACE AND/OR REPAIR ANY EXISTING IRRIGATION DAMAGED DURING NEW CONSTRUCTION. INSTALLATION CONTRACTOR SHALL BE RESPONSIBLE TO ENSURE THAT EXISTING SYSTEM IS FULLY OPERATIONAL BEFORE FINAL ACCEPTANCE.

GENERAL CONTRACTOR TO IDENTIFY AND MARK ALL IRRIGATION VALVES AND MAINS WITHIN THE CONSTRUCTION AREA. IF IMPACT TO ANY COMPONENT IS EXPECTED BEFORE AN IRRIGATION CONTRACTOR IS AVAILABLE, COORDINATE WITH THE CITY OF WINTER PARK AND THE LANDSCAPE ARCHITECT.

IRRIGATION CONTRACTOR IS TO REUSE THE EXISTING CONCRETE VALVE BOXES WITH CAST-IRON LIDS WHERE APPLICABLE.

NORTH

0' 10' 20' 40'

SCALE: 1" = 20'

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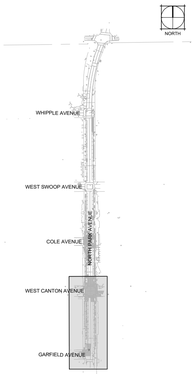
PHONE (407) 859-5790
IRRdesign.com
Jason McElroy
irrdesign@gmail.com


## SHEET LEGEND:

### DESIGN NOTES:

1. CONTRACTOR SHALL LOCATE ALL PROPERTY AND RIGHT OF WAY LINES BEFORE CONSTRUCTION BEGINS.
2. THESE IRRIGATION PLANS ARE SCHEMATIC AND MAY BE EXAGGERATED. CONTRACTOR SHALL KEEP WITHIN ALL PROPERTY AND RIGHT OF WAY LINES DURING CONSTRUCTION.
3. CONTRACTOR SHALL ADJUST ALL SPRAY HEADS SO AS NOT TO SPRAY ONTO IMPERVIOUS SURFACES.
4. CONTRACTOR SHALL LOCATE AND VERIFY ALL EXISTING UTILITY DEPTHS AND COORDINATE IRRIGATION CONSTRUCTION WITH ALL EXISTING AND PROPOSED UTILITIES.
5. ALL UNDERGROUND SLEEVES SHALL BE SCHEDULE 40 PVC AND SHALL BE TWICE THE DIAMETER OF ANY LINE IT HOUSES.
6. THE CONTROL WIRE SHALL BE 12 AWG/2C PAIGE P707ZD. ALL SPLICES TO BE MADE WITH 3M-DBR/Y-6 WATER PROOF CONNECTORS. THE CONTROL WIRE SHALL BE GROUNDED EVERY 400' ALONG THE WIRE PATH. THE CONTROLLER SHALL BE GROUNDED TO 10 OHMS OR LESS.

## KEY PLAN:





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# PARK AVENUE REFRESH PHASE 1

Winter Park, Florida

SEAL

DANIEL A. ROGERS, RLA
FLORIDA LICENSE #6666866

| ISSUED: | DATE: |
|---|---|
| PRICING DOCUMENTS | 08/07/2025 |
| IFC DOCUMENTS | 10/29/2025 |
| PERMIT SUBMITTAL | 01/19/2026 |

| REV. | DATE | DESCRIPTION |
|---|---|---|

DANIEL ROGERS LANDSCAPE ARCHITECTURE

## IRRIGATION PLAN

Sheet Title

| | |
|---|---|
| JOB NO. | 2024.026 |
| SCALE: | AS SHOWN |
| DATE: | 08/07/2025 |
| DESIGN | BRW |
| DRAWN: | BRW |
| CHECKED: | DAR |

# L-4.01


PRINT DATE: 10/24/2025 @ 12:47:24 PM REVISED DATE: 10/24/2025 @ 12:47:24 PM REVISED BY: BRYAN
DWG NAME: Z:\SHARED\DRLA\PROJECTS\2024\2024.026_PARK AVENUE REFRESH\DESIGN\CAD\PAR-IRD_V2.DWG

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2025-10-24 12:31

## IRRIGATION SCHEDULE

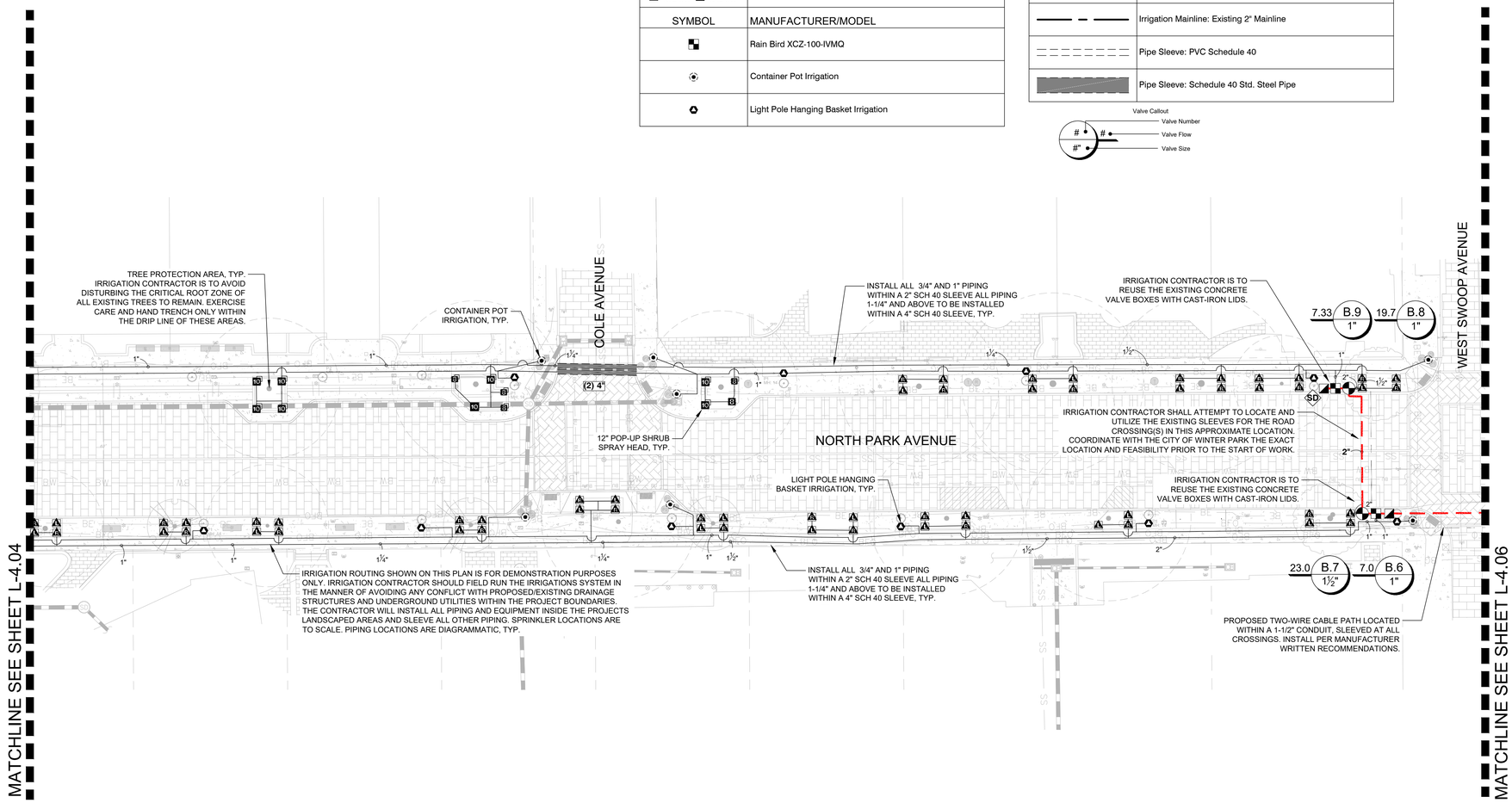
| SYMBOL | MANUFACTURER/MODEL |
|---|---|
| EST LCS RCS CST SST | Rain Bird 1806-U-PRS 15 Strip Series |
| Q T H F | Rain Bird 1806-U-PRS U8 Series |
| Q T H F | Rain Bird 1806-U-PRS U10 Series |
| 08HE-VAN 12HE-VAN 10HE-VAN 15HE-VAN | Rain Bird 1806-U-PRS HE-VAN Series |
| EST LCS RCS CST SST | Rain Bird 1812-PRS-U 15 Strip Series |
| Q T H F | Rain Bird 1812-PRS-U U8 Series |
| Q T H F | Rain Bird 1812-PRS-U U10 Series |
| Q T H TT TQ F | Rain Bird 1812-PRS-U U12 Series |
| 08HE-VAN 12HE-VAN 10HE-VAN 15HE-VAN | Rain Bird 1812-PRS-U HE-VAN Series |
| SYMBOL | MANUFACTURER/MODEL |
| | Rain Bird XCZ-100-IVMQ |
| | Container Pot Irrigation |
| | Light Pole Hanging Basket Irrigation |

2025-10-24 12:31

## IRRIGATION SCHEDULE

| SYMBOL | MANUFACTURER/MODEL |
|---|---|
| | Rain Bird PEB-IVM |
| | Rain Bird 44-LRC |
| | Nibco T-113-K |
| BF | Existing Backflow Device 2" |
| A | Rain Bird ESPLXIVM-LXMM-LXMMPED |
| B | Rain Bird ESPLXIVM-LXMM-LXMMPED |
| SD | Rain Bird LXIVMSD |
| S | Rain Bird RSD-CEx (2) |
| POC | Point of Connection 2" |
| 2" | Point of Connection 2" |
| | Irrigation Lateral Line: PVC Schedule 40 |
| | Irrigation Mainline: PVC Schedule 40 Main line |
| | Irrigation Mainline: Existing 2" Mainline |
| | Pipe Sleeve: PVC Schedule 40 |
| | Pipe Sleeve: Schedule 40 Std. Steel Pipe |

Valve Callout
Valve Number
Valve Flow
Valve Size

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NORTH

0' 10' 20' 40'

SCALE: 1" = 20'

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IRRdesign.com
Jason McElroy
irrdesign@gmail.com


## SHEET LEGEND:

## DESIGN NOTES:

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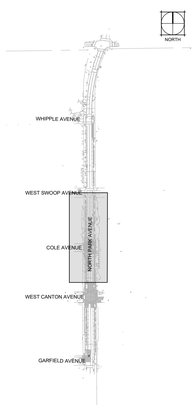
## KEY PLAN:





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# PARK AVENUE REFRESH PHASE 1

Winter Park, Florida

SEAL


DANIEL A. ROGERS, RLA
FLORIDA LICENSE #6666866


| ISSUED: | DATE: |
|---|---|
| PRICING DOCUMENTS | 08/07/2025 |
| IFC DOCUMENTS | 10/29/2025 |
| PERMIT SUBMITTAL | 01/19/2026 |

| REV. | DATE | DESCRIPTION |
|---|---|---|

## IRRIGATION PLAN

Sheet Title

| | |
|---|---|
| JOB NO. | 2024.026 |
| SCALE: | AS SHOWN |
| DATE: | 08/07/2025 |
| DESIGN | BRW |
| DRAWN: | BRW |
| CHECKED: | DAR |

DANIEL ROGERS LANDSCAPE ARCHITECTURE

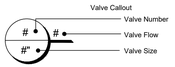
L-4.02


PRINT DATE: 01/16/2026 @ 05:58:11 PM REVISED DATE: 01/16/2026 @ 05:58:11 PM REVISED BY: BRYAN
DWG NAME: Z:\SHARED\ORLA\PROJECTS\2024\026_PARK AVENUE REFRESH\DESIGN\CAD\PAR-IRD_V2.DWG

2025-10-24 12:31

## IRRIGATION SCHEDULE

| SYMBOL | MANUFACTURER/MODEL/DESCRIPTION | QTY |
|---|---|---|
| | Rain Bird PEB-IVM<br>1in., 1-1/2in., 2in. Plastic Industrial Smart Valves w/ Factory Installed IVM-SOL. Low Flow Operating Capability, Globe Configuration in concrete valve box w/ cast-iron lid. | 7 |
| | Rain Bird 44-LRC<br>1in. Brass Quick-Coupling Valve, with Corrosion-Resistant Stainless Steel Spring, Locking Thermoplastic Rubber Cover, and 2-Piece Body in concrete valve box w/ cast-iron lid. | 6 |
| | Nibco T-113-K<br>Class 125 bronze gate shut off valve with cross handle, same size as mainline pipe diameter at valve location. Install within a concretevalve box w/ cast-iron lid. | 3 |
| BF | Existing Backflow Device 2"<br>Equipment is to be inspected for proper operation and serviced by a licensed Florida Plumbing Contractor in accordance with Manufacturer`s recommendations and all federal, state and local codes. | 1 |
| A | Rain Bird ESPLXIVM-LXMM-LXMMPED<br>60 Station, 2-Wire Controller w/ Smart Valve Technology. (1) ESPLXIVM 60-Station, Indoor/Outdoor, Plastic Wall Mount Enclosure. Install in Rain Bird LXMM-LXMMPED Powder Coated Metal Cabinet w/ Pedestal. System Requirements: Rain Bird LXIVM-XXX Integrated Valve Modules & 2-Wire Devices. Use Paige Electric Cable P7072D & Rain Bird WC20 Dry Splices ONLY. Ground System w/ (X) LXIVMSD Surge Device in Rain Bird Round Valve Boxes. Install Per Manufacturers Recommendations.Final location to be determined by the City of Winter Park prior to construction. | 1 |
| B | Rain Bird ESPLXIVM-LXMM-LXMMPED<br>60 Station, 2-Wire Controller w/ Smart Valve Technology. (1) ESPLXIVM 60-Station, Indoor/Outdoor, Plastic Wall Mount Enclosure. Install in Rain Bird LXMM-LXMMPED Powder Coated Metal Cabinet w/ Pedestal. System Requirements: Rain Bird LXIVM-XXX Integrated Valve Modules & 2-Wire Devices. Use Paige Electric Cable P7072D & Rain Bird WC20 Dry Splices ONLY. Ground System w/ (X) LXIVMSD Surge Device in Rain Bird Round Valve Boxes. Install Per Manufacturers Recommendations.Final location to be determined by the City of Winter Park prior to construction. | 1 |
| SD | Rain Bird LXIVMSD<br>Surge Device provides necessary protection on the ESPLXIVM(P) Controller, 2 Wire Path. Install (1) LXIVMSD Every 400ft or 15 Field Devices (Whichever is Smaller). | 5 |
| S | Rain Bird RSD-CEx (2)<br>Rain Sensing Device, conduit mount. With threaded adapter, extension wire. | 2 |
| POC | Point of Connection 2"<br>Existing water meter, System requires a minimum of 45 GPM @ 60 PSI. Irrigation contractor shall be responsible to verify the sources ability to service the systems requirements at site before starting construction. | 1 |
| 2" | Point of Connection 2"<br>Irrigation point of connection. Coordinate the proposed irrigation connection point with the City of Winter Park prior to the start of work. | 1 |
| | Irrigation Lateral Line: PVC Schedule 40<br>Only lateral transition pipe sizes 1" and above are indicated on the plan, with all others being 3/4" in size. Fittings shall be SCH 40 and molded. Install 12" below final grade. | 7,165 lf |
| | Irrigation Mainline: PVC Schedule 40 Main line<br>2" - Mainline shall have bell and socket joints. Fittings shall be SCH 40 and molded. | 680.2 lf |
| | Irrigation Mainline: Existing 2" Mainline | 6.0 lf |
| | Pipe Sleeve: PVC Schedule 40<br>The depth of the sleeves shall be a minimum 30" cover from finished grade under roadway crossings and 24" under all sidewalks and hardscapes. Extend sleeves 18" beyond edges | 111.1 lf |
| | Pipe Sleeve: Schedule 40 Std. Steel Pipe | 361.0 lf |




2025-10-24 12:31

## IRRIGATION SCHEDULE

| SYMBOL | MANUFACTURER/MODEL/DESCRIPTION | QTY | PSI |
|---|---|---|---|
| EST LCS RCS CST SST | Rain Bird 1806-U-PRS 15 Strip Series<br>Turf Spray 6in. Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2in. NPT Female Threaded Inlet. Pressure Regulating. | 55 | 30 |
| Q T H F | Rain Bird 1806-U-PRS U8 Series<br>Turf Spray 6in. Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2in. NPT Female Threaded Inlet. Pressure Regulating. | 2 | 30 |
| Q T H F | Rain Bird 1806-U-PRS U10 Series<br>Turf Spray 6in. Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2in. NPT Female Threaded Inlet. Pressure Regulating. | 11 | 30 |
| 08HE-VAN 12HE-VAN 10HE-VAN 15HE-VAN | Rain Bird 1806-U-PRS HE-VAN Series<br>Turf Spray 6in. Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2in. NPT Female Threaded Inlet. Pressure Regulating. | 2 | 30 |
| EST LCS RCS CST SST | Rain Bird 1812-PRS-U 15 Strip Series<br>Shrub Spray, 12.0" Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2" NPT Female Threaded Inlet. with Pressure Regulating Device. | 118 | 30 |
| Q T H F | Rain Bird 1812-PRS-U U8 Series<br>Shrub Spray, 12.0" Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2" NPT Female Threaded Inlet. with Pressure Regulating Device. | 24 | 30 |
| Q T H F | Rain Bird 1812-PRS-U U10 Series<br>Shrub Spray, 12.0" Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2" NPT Female Threaded Inlet. with Pressure Regulating Device. | 8 | 30 |
| Q T H TT TQ F | Rain Bird 1812-PRS-U U12 Series<br>Shrub Spray, 12.0" Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2" NPT Female Threaded Inlet. with Pressure Regulating Device. | 9 | 30 |
| 08HE-VAN 12HE-VAN 10HE-VAN 15HE-VAN | Rain Bird 1812-PRS-U HE-VAN Series<br>Shrub Spray, 12.0" Pop-Up Sprinkler with Co-Molded Wiper Seal. Side and Bottom Inlet. 1/2" NPT Female Threaded Inlet. with Pressure Regulating Device. | 2 | 30 |
| SYMBOL | MANUFACTURER/MODEL/DESCRIPTION | QTY | |
| | Rain Bird XCZ-100-IVMQ<br>Wide Flow IVM Drip Control Kit for Commercial Applications. 1in. Ball Valve with 1in. PESBIVM Smart Valve w/ factory installed IVM-SOL 0.3-20 gpm and 1in. Pressure Regulating 40psi Quick-Check Basket Filter 0.3-20 gpm in concrete valve box w/ cast-iron lid. | 4 | |
| | Container Pot Irrigation<br>Ball valve and Xeri-Bug Multi Outlet Emitter in concrete valve box w/ cast-iron lid w/ 1/4"vinyl distribution tubing to container pots. Terminate tubing with Rain Bird SXB-360 SPYK Xeri-Bubblers, (6) total (2) per basket. Coordinate installation with the City of Winter Park | 18 | |
| | Light Pole Hanging Basket Irrigation<br>Ball valve and Emitters in concrete valve box w/ cast-iron lid w/ 1/4" vinyl distribution tubing to hanging plants. Terminate tubing with Rain Bird SXB-360 SPYK Xeri-Bubbler, (1) per basket. Refer to installation details.. | 35 | |

2025-10-23 22:40

## VALVE SCHEDULE IRRIGATION CONTROLLER "A"

| NUMBER | MODEL | SIZE | TYPE | GPM | HEADS | PIPE 3/4" | PIPE 1" | PIPE 1 1/4" | PIPE 1 1/2" | PIPE 2" | DESIGN PSI | FRICTION LOSS | VALVE LOSS | PSI | PSI @ POC | PRECIP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A.1 | Rain Bird PEB-IVM | 1" | Shrub Spray | 17.75 | 35 | 334.6 | 84.0 | 126.9 | 40.5 | | 30 | 2.9 | 2.65 | 35.6 | 35.8 | 1.53 in/h |
| A.2 | | 1" | Drip Emitter | 5.0 | 7 | 355.5 | | | | | 20 | 1.73 | 5 | 26.7 | 26.8 | 21.88 in/h |
| A.3 | | 1" | Drip Emitter | 2.0 | 4 | 348.1 | | | | | 20 | 0.87 | 3 | 23.9 | 23.9 | 15.32 in/h |
| A.4 | Rain Bird PEB-IVM | 1" | Shrub Spray | 19.52 | 40 | 410.7 | 60.2 | 127.7 | 39.0 | 4.7 | 30 | 2.94 | 2.85 | 35.8 | 36.2 | 2.26 in/h |

2025-10-23 22:41

## WATERING SCHEDULE IRRIGATION CONTROLLER "A"

| NUMBER | MODEL | TYPE | PRECIP | SUN | MON | TUE | WED | THU | FRI | SAT | IN./WEEK | MIN./WEEK | GAL./WEEK | GAL./DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A.1 | Rain Bird PEB-IVM | Shrub Spray | 1.53 in/h | 20 min | | | 20 min | | | | 1 | 40 | 710 | 355 |
| A.2 | | Drip Emitter | 21.88 in/h | 1 min | | | 1 min | | 1 min | | 1 | 3 | 15.0 | 5.0 |
| A.3 | | Drip Emitter | 15.32 in/h | 2 min | | | 2 min | | 2 min | | 1 | 4 | 8.0 | 2.67 |
| A.4 | Rain Bird PEB-IVM | Shrub Spray | 2.26 in/h | 14 min | | | 14 min | | | | 1 | 27 | 527 | 263 |
| | | TOTALS: | | 37 | | | 37 | | 3 | | | 74 | 1,260 | 626.1 |

2025-10-23 22:40

## VALVE SCHEDULE IRRIGATION CONTROLLER "B"

| NUMBER | MODEL | SIZE | TYPE | GPM | HEADS | PIPE 3/4" | PIPE 1" | PIPE 1 1/4" | PIPE 1 1/2" | PIPE 2" | DESIGN PSI | FRICTION LOSS | VALVE LOSS | PSI | PSI @ POC | PRECIP |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B.1 | Rain Bird PEB-IVM | 1" | Turf Spray | 25.15 | 31 | 355.4 | 66.0 | 84.2 | 7.1 | | 30 | 2.84 | 4.29 | 37.1 | 49.2 | 1.63 in/h |
| B.2 | Rain Bird XCZ-100-IVMQ | 1" | Drip Emitter | 2.67 | 8 | 647.2 | | | | | 20 | 0.84 | 7 | 27.8 | 38.8 | 10.21 in/h |
| B.3 | Rain Bird PEB-IVM | 1" | Turf Spray | 22.39 | 19 | 90.7 | 30.0 | 75.6 | 11.3 | | 30 | 2.92 | 3.55 | 36.5 | 48.9 | 2.18 in/h |
| B.4 | Rain Bird XCZ-100-IVMQ | 1" | Drip Emitter | 5.0 | 11 | 743.1 | 3.3 | | | | 20 | 3.51 | 7 | 30.5 | 41.6 | 13.93 in/h |
| B.5 | Rain Bird PEB-IVM | 1" | Turf Spray | 22.76 | 20 | 98.1 | 31.3 | 45.7 | 53.1 | | 30 | 2.82 | 3.65 | 36.5 | 48.9 | 2.11 in/h |
| B.6 | Rain Bird XCZ-100-IVMQ | 1" | Drip Emitter | 7.0 | 11 | 389.1 | 227.0 | | | | 20 | 4.06 | 9 | 33.1 | 44.2 | 19.5 in/h |
| B.7 | Rain Bird PEB-IVM | 1-1/2" | Shrub Spray | 23.03 | 47 | 388.5 | 72.1 | 144.4 | 131.4 | 84.2 | 30 | 4.29 | 3.81 | 38.1 | 51.4 | 2.25 in/h |
| B.8 | Rain Bird PEB-IVM | 1" | Shrub Spray | 19.67 | 41 | 388.2 | 159.3 | 189.1 | 103.2 | 3.2 | 30 | 4.07 | 2.86 | 36.9 | 49.7 | 1.41 in/h |
| B.9 | Rain Bird XCZ-100-IVMQ | 1" | Drip Emitter | 7.33 | 10 | 398.0 | 213.0 | | | | 20 | 3.97 | 9.33 | 33.3 | 44.5 | 22.47 in/h |

2025-10-23 22:42

## WATERING SCHEDULE PAR LAND

| NUMBER | MODEL | TYPE | PRECIP | SUN | MON | TUE | WED | THU | FRI | SAT | IN./WEEK | MIN./WEEK | GAL./WEEK | GAL./DAY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A.1 | Rain Bird PEB-IVM | Shrub Spray | 1.53 in/h | 20 min | | | 20 min | | | | 1 | 40 | 710 | 355 |
| A.2 | | Drip Emitter | 21.88 in/h | 1 min | | | 1 min | | 1 min | | 1 | 3 | 15.0 | 5.0 |
| A.3 | | Drip Emitter | 15.32 in/h | 2 min | | | 2 min | | 2 min | | 1 | 4 | 8.0 | 2.67 |
| A.4 | Rain Bird PEB-IVM | Shrub Spray | 2.26 in/h | 14 min | | | 14 min | | | | 1 | 27 | 527 | 263 |
| B.1 | Rain Bird PEB-IVM | Turf Spray | 1.63 in/h | 19 min | | | 19 min | | | | 1 | 37 | 930 | 465 |
| B.2 | Rain Bird XCZ-100-IVMQ | Drip Emitter | 10.21 in/h | 2 min | | | 2 min | | 2 min | | 1 | 6 | 16.0 | 5.33 |
| B.3 | Rain Bird PEB-IVM | Turf Spray | 2.18 in/h | 14 min | | | 14 min | | | | 1 | 28 | 627 | 313 |
| B.4 | Rain Bird XCZ-100-IVMQ | Drip Emitter | 13.93 in/h | 2 min | | | 2 min | | 2 min | | 1 | 5 | 25.0 | 8.33 |
| B.5 | Rain Bird PEB-IVM | Turf Spray | 2.11 in/h | 15 min | | | 15 min | | | | 1 | 29 | 660 | 330 |
| B.6 | Rain Bird XCZ-100-IVMQ | Drip Emitter | 19.5 in/h | 2 min | | | 2 min | | 2 min | | 1 | 4 | 28.0 | 9.33 |
| B.7 | Rain Bird PEB-IVM | Shrub Spray | 2.25 in/h | 14 min | | | 14 min | | | | 1 | 27 | 622 | 311 |
| B.8 | Rain Bird PEB-IVM | Shrub Spray | 1.41 in/h | 22 min | | | 22 min | | | | 1 | 43 | 846 | 423 |
| B.9 | Rain Bird XCZ-100-IVMQ | Drip Emitter | 22.47 in/h | 1 min | | | 1 min | | 1 min | | 1 | 3 | 22.0 | 7.33 |
| | | TOTALS: | | 128 | | | 128 | | 10 | | | 256 | 5,036 | 2,499 |

**SHEET LEGEND:**

**KEY PLAN:**


**STRINGFELLOW Planning & Design**

www.stringfellowplanning.com
alex@stringfellowplanning.com
P: 352.217.7710


# PARK AVENUE REFRESH PHASE 1

Winter Park, Florida

SEAL

DANIEL A. ROGERS, RLA
FLORIDA LICENSE #6666866

| ISSUED: | DATE: |
|---|---|
| PRICING DOCUMENTS | 08/07/2025 |
| IFC DOCUMENTS | 10/29/2025 |
| PERMIT SUBMITTAL | 01/19/2026 |

| REV. | DATE | DESCRIPTION |
|---|---|---|

IRRIGATION SCHEDULE + NOTES

Sheet Title

| | |
|---|---|
| JOB NO. | 2024.026 |
| SCALE: | AS SHOWN |
| DATE: | 08/07/2025 |
| DESIGN | BRW |
| DRAWN: | BRW |
| CHECKED: | DAR |

DANIEL ROGERS LANDSCAPE ARCHITECTURE

L-4.10

BEFORE YOU DIG! CALL SUNSHINE STATE ONE CALL OF FLORIDA AT LEAST TWO FULL BUSINESS DAYS BEFORE DIGGING OR DISTURBING EARTH
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www.callsunshine.com
Know what's below. Call before you dig.


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3215 ELLEN DR.
ORLANDO, FL 32806
PHONE (407) 859-5790
IRRdesign.com
Jason McElroy
irrdesign@gmail.com



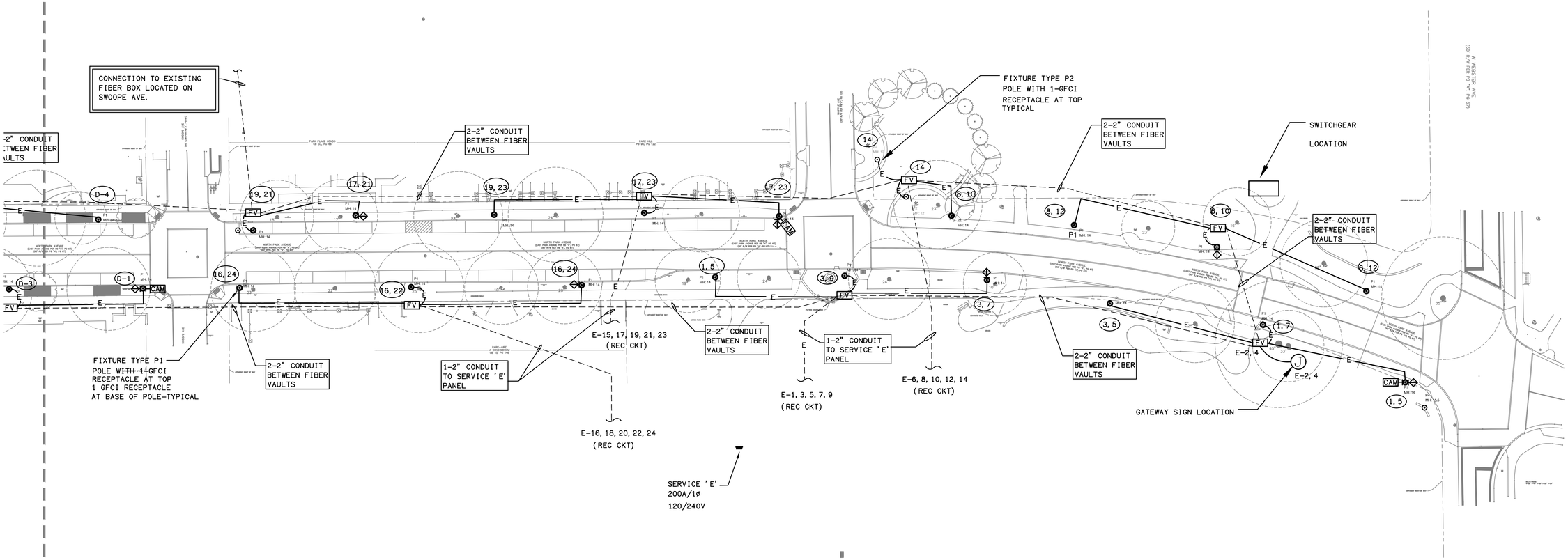
PRINT DATE: 10/24/2025 @ 12:48:28 PM REVISED DATE: 10/24/2025 @ 12:48:28 PM REVISED BY: BRYAN
DWG NAME: Z:\SHARED\DRLA\PROJECTS\2024\026_PARK AVENUE REFRESH\DESIGN\CAD\PAR-IRD_V2.DWG

## PLAN NOTES

1. POLE LIGHTING CIRCUITRY AND RECEPTACLE CIRCUITRY TO BE ROUTED IN SEPARATE CONDUITS.
2. ALL POLE LIGHTING CIRCUITS IN 3/4" CONDUIT.
3. PROVIDE NECESSARY PULL BOXES AS REQUIRED.

## LEGEND

- POLE LIGHT-SEE SCHEDULE SHEET E-1
- —E— 2-1" CONDUITS FROM FIBER VAULT (1 CONDUIT FOR ELECTRICAL) (1 CONDUIT FOR FIBER)
- EXISTING SERVICE PANEL-SEE SCHEDULES
- (6, 10) DENOTES RECEPTACLE CIRCUITS: 1ST NO. - TWIST LOC RECEPTACLE AT TOP OF THE POLE. 2ND NO. - RECEPTACLE AT BASE OF POLE.
- 2" CONDUIT ROUTE AS INDICATED SEE SITE PLAN FOR QUANTITIES
- FV FIBER VAULT-VERIFY EXACT SPECIFICATIONS.
- CAM CAMERA
- ACCESS POINT




## PARTIAL ELECTRICAL SITE PLAN

SCALE: 1" = 30'-0"

25080-E-SITE

GRAPHIC SCALE

30 0 15 30 60

( IN FEET )
1 inch = 30 ft.


MiGre Engineers LLC
760 FLORIDA CENTRAL PARKWAY
SUITE 224
LONGWOOD, FL 32750
PH: 407.636.7999


PROJECT #: 25080

| No. | Date | Revision |
|---|---|---|

Mechanical
Electrical
Plumbing
Fire Protection

# PARK AVENUE REFRESH

*WINTER PARK, FLORIDA*

PARTIAL ELECTRICAL SITE PLAN

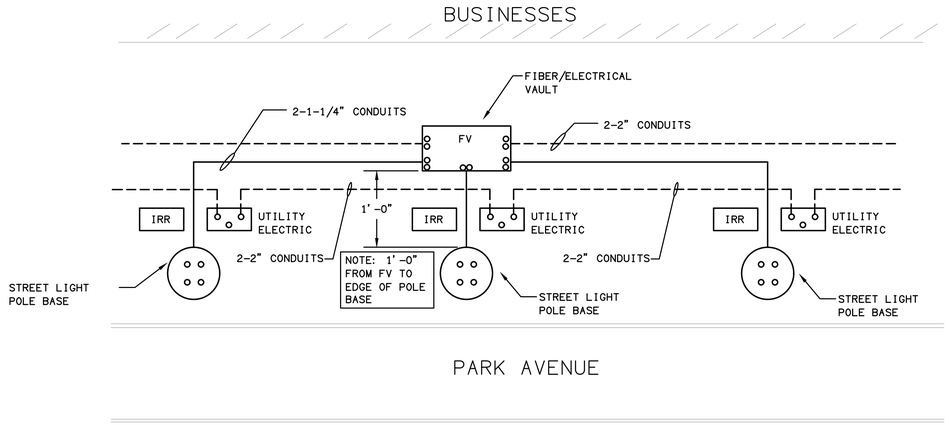
| | |
|---|---|
| PROJECT NO: | 25080 |
| DRAWN BY: | MLD |
| CHECKED BY: | MLD |
| APPROVED BY: | MLD |
| DATE: | 03/13/26 |
| SCALE: | 1" = 30'-0" |
| FILENAME: | 25080-E-SITE |

E-3


To the best of the engineer's knowledge, the plans and specifications comply with the applicable minimum building codes and the applicable fire-safety standards as determined by the local authority in accordance with section 110.8.4.4 of the FBC and 633 Florida Statutes.



Filename: C:\Users\harry\appdata\local\temp\AcPublish_33744\25080-E-SITE.dwg Plotted by: HARRY 3/23/26 10:58




## CONDUIT ROUTING DETAIL

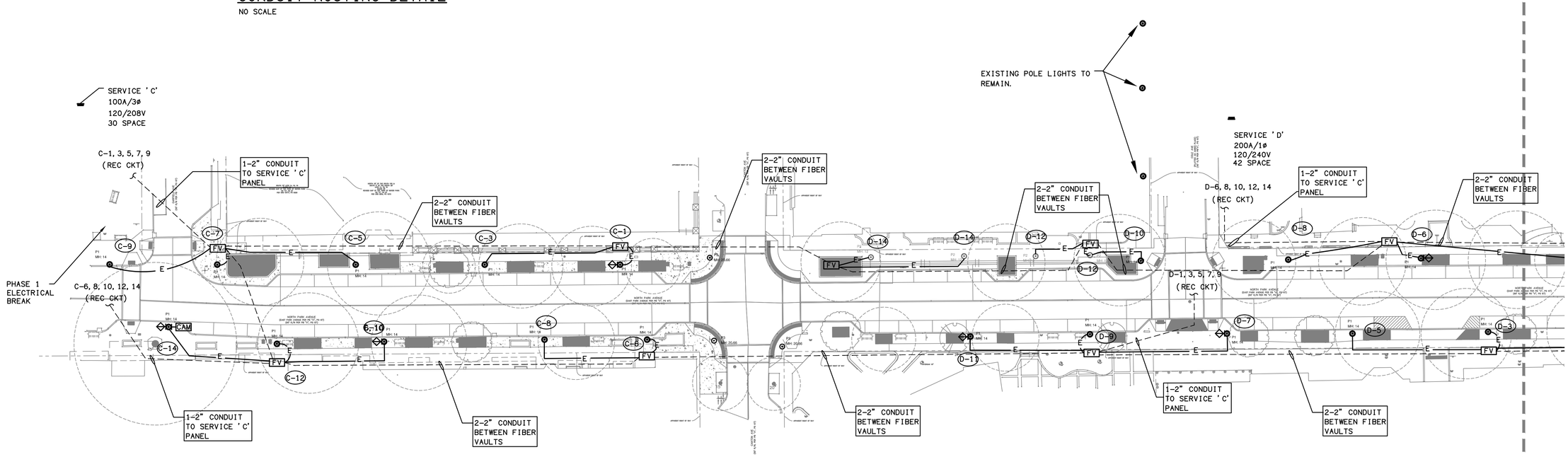
NO SCALE

## PLAN NOTES

1. POLE LIGHTING CIRCUITRY AND RECEPTACLE CIRCUITRY TO BE ROUTED IN SEPARATE CONDUITS.
2. ALL POLE LIGHTING CIRCUITS IN 3/4" CONDUIT.
3. PROVIDE NECESSARY PULL BOXES AS REQUIRED.

## LEGEND

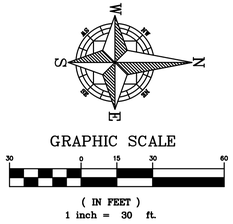
- POLE LIGHT-SEE SCHEDULE SHEET E-1
- —E— 2-1" CONDUITS FROM FIBER VAULT (1 CONDUIT FOR ELECTRICAL) (1 CONDUIT FOR FIBER)
- EXISTING SERVICE PANEL-SEE SCHEDULES
- (6, 10) DENOTES RECEPTACLE CIRCUITS: 1ST NO. - TWIST LOC RECEPTACLE AT TOP OF THE POLE. 2ND NO. - RECEPTACLE AT BASE OF POLE.
- 2" CONDUIT ROUTE AS INDICATED SEE SITE PLAN FOR QUANTITIES
- FV FIBER VAULT-VERIFY EXACT SPECIFICATIONS.
- CAM CAMERA
- ACCESS POINT




## PARTIAL ELECTRICAL SITE PLAN

SCALE: 1" = 30'-0"

25080-E-SITE




MATCHLINE
MATCHLINE

MiGre Engineers LLC
760 FLORIDA CENTRAL PARKWAY
SUITE 224
LONGWOOD, FL 32750
PH: 407.636.7999

PROJECT #: 25080

| No. | Date | Revision |
|---|---|---|

Mechanical
Electrical
Plumbing
Fire Protection

# PARK AVENUE REFRESH

WINTER PARK, FLORIDA

## PARTIAL ELECTRICAL SITE PLAN

| | |
|---|---|
| PROJECT NO: | 25080 |
| DRAWN BY: | MLD |
| CHECKED BY: | MLD |
| APPROVED BY: | MLD |
| DATE: | 03/13/26 |
| SCALE: | 1" = 30'-0" |
| FILENAME: | 25080-E-SITE |

E-4

To the best of the engineer's knowledge, the plans and specifications comply with the applicable minimum building codes and the applicable fire-safety standards as determined by the local authority in accordance with section 110.8.4.4 of the FBC and 633 Florida Statutes.

Filename: C:\Users\harry\appdata\localtemp\AcPublish_33744\25080-E-SITE.dwg Plotted by: HARRY 3/23/26 10:58

## PANELBOARD SCHEDULE "C"

EXISTING PANEL

100 A. MAIN L. O. — 208/120 VOLTS
SURFACE MOUNTING — NEMA 3R — 3 PHASE — 4 WIRE, 60 HZ.
22 K A. I. C. MINIMUM INTERRUPTING RATING

| LOAD KVA | SERVES | TRIP AMPS | POLES | WIRE | GND | SPACE NO. | GND | WIRE | POLES | TRIP AMPS | SERVES | LOAD KVA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.60 | TWIST LOC REC | 20 | 1 | 8 | 10 | 1 | 2 | – | – | – | – | – |
| 0.60 | TWIST LOC REC | 20 | 1 | 8 | 10 | 3 | 4 | – | – | – | – | – |
| 1.20 | GRADE LEVEL REC | 20 | 1 | 8 | 10 | 5 | 6 | 10 | 8 | 1 | 20 | TWIST LOC REC | 0.60 |
| 1.20 | GRADE LEVEL REC | 20 | 1 | 8 | 10 | 7 | 8 | 10 | 8 | 1 | 20 | TWIST LOC REC | 0.60 |
| 1.20 | GRADE LEVEL REC | 20 | 1 | 8 | 10 | 9 | 10 | 10 | 8 | 1 | 20 | GRADE LEVEL REC | 1.20 |
| 0.60 | TWIST LOC REC | 20 | 1 | 8 | 10 | 11 | 12 | 10 | 8 | 1 | 20 | GRADE LEVEL REC | 1.20 |
| 0.15 | FIBER EQUIP | 20 | 1 | 12 | 12 | 13 | 14 | – | – | – | – | – | – |
| – | – | – | – | – | – | 15 | 16 | – | – | – | – | – | – |
| – | – | – | – | – | – | 17 | 18 | – | – | – | – | – | – |
| – | – | – | – | – | – | 19 | 20 | – | – | – | – | – | – |
| – | – | – | – | – | – | 21 | 22 | – | – | – | – | – | – |
| – | – | – | – | – | – | 23 | 24 | – | – | – | – | – | – |
| – | – | – | – | – | – | 25 | 26 | – | – | – | – | – | – |
| – | – | – | – | – | – | 27 | 28 | – | – | – | – | – | – |
| – | – | – | – | – | – | 29 | 30 | – | – | – | – | – | – |
| – | – | – | – | – | – | 31 | 32 | – | – | – | – | – | – |
| – | – | – | – | – | – | 33 | 34 | – | – | – | – | – | – |
| – | – | – | – | – | – | 35 | 36 | – | – | – | – | – | – |
| – | – | – | – | – | – | 37 | 38 | – | – | – | – | – | – |
| – | – | – | – | – | – | 39 | 40 | – | – | – | – | – | – |
| – | – | – | – | – | – | 41 | 42 | – | – | – | – | – | – |

| LOAD DESCRIPTION | CONN. LOAD | D. F. | CALC. LOAD | NOTES: |
|---|---|---|---|---|
| LIGHTING – KVA | 0.00 | 1.25 | 0.00 | |
| RECEPTACLES – 1ST 10 KVA | 9.00 | 1.00 | 9.00 | |
| RECEPTACLES – ABOVE 10 KVA | 0.00 | 0.50 | 0.00 | |
| MOTORS – KVA | 0.00 | 1.00 | 0.00 | |
| EQUIPMENT – KVA | 0.00 | 1.00 | 0.00 | |
| OTHER – KVA | 0.00 | 1.00 | 0.00 | |
| TOTAL – KVA | 9.00 | | 9.00 | |

## PANELBOARD SCHEDULE "D"

EXISTING PANEL

200 A. MAIN L. O. — 240, 120 VOLTS
SURFACE MOUNTING — NEMA 3R — 1 PHASE — 3 WIRE, 60 HZ.
22 K A. I. C. MINIMUM INTERRUPTING RATING

| LOAD KVA | SERVES | TRIP AMPS | POLES | WIRE | GND | SPACE NO. | GND | WIRE | POLES | TRIP AMPS | SERVES | LOAD KVA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.60 | TWIST LOC REC | 20 | 1 | 8 | 10 | 1 | 2 | – | – | – | – | – |
| 0.60 | TWIST LOC REC | 20 | 1 | 8 | 10 | 3 | 4 | – | – | – | – | – |
| 1.20 | GRADE LEVEL REC | 20 | 1 | 8 | 10 | 5 | 6 | 10 | 8 | 1 | 20 | TWIST LOC REC | 0.60 |
| 1.20 | GRADE LEVEL REC | 20 | 1 | 8 | 10 | 7 | 8 | 10 | 8 | 1 | 20 | TWIST LOC REC | 0.60 |
| 1.20 | GRADE LEVEL REC | 20 | 1 | 8 | 10 | 9 | 10 | 10 | 8 | 1 | 20 | GRADE LEVEL REC | 1.20 |
| 0.60 | TWIST LOC REC | 20 | 1 | 8 | 10 | 11 | 12 | 10 | 8 | 1 | 20 | GRADE LEVEL REC | 1.20 |
| 0.60 | TWIST LOC REC | 20 | 1 | 8 | 10 | 13 | 14 | 10 | 8 | 1 | 20 | TWIST LOC REC | 0.60 |
| 1.20 | GRADE LEVEL REC | 20 | 1 | 8 | 10 | 15 | 16 | – | – | – | – | – | – |
| 1.20 | GRADE LEVEL REC | 20 | 1 | 8 | 10 | 17 | 18 | – | – | – | – | – | – |
| 1.20 | GRADE LEVEL REC | 20 | 1 | 8 | 10 | 19 | 20 | – | – | – | – | – | – |
| 0.15 | FIBER EQUIP | 20 | 1 | 12 | 12 | 21 | 22 | – | – | – | – | – | – |
| – | – | – | – | – | – | 23 | 24 | – | – | – | – | – | – |
| – | – | – | – | – | – | 25 | 26 | – | – | – | – | – | – |
| – | – | – | – | – | – | 27 | 28 | – | – | – | – | – | – |
| – | – | – | – | – | – | 29 | 30 | – | – | – | – | – | – |
| – | – | – | – | – | – | 31 | 32 | – | – | – | – | – | – |
| – | – | – | – | – | – | 33 | 34 | – | – | – | – | – | – |
| – | – | – | – | – | – | 35 | 36 | – | – | – | – | – | – |
| – | – | – | – | – | – | 37 | 38 | – | – | – | – | – | – |
| – | – | – | – | – | – | 39 | 40 | – | – | – | – | – | – |
| – | – | – | – | – | – | 41 | 42 | – | – | – | – | – | – |

| LOAD DESCRIPTION | CONN. LOAD | D. F. | CALC. LOAD | NOTES: |
|---|---|---|---|---|
| LIGHTING – KVA | 0.00 | 1.25 | 0.00 | |
| RECEPTACLES – 1ST 10 KVA | 10.00 | 1.00 | 10.00 | |
| RECEPTACLES – ABOVE 10 KVA | 3.80 | 0.50 | 1.90 | |
| MOTORS – KVA | 0.00 | 1.00 | 0.00 | |
| EQUIPMENT – KVA | 0.00 | 1.00 | 0.00 | |
| OTHER – KVA | 0.00 | 1.00 | 0.00 | |
| TOTAL – KVA | 13.80 | | 11.90 | |

## PANELBOARD SCHEDULE "E"

EXISTING PANEL

200 A. MAIN L. O. — 240/120 VOLTS
SURFACE MOUNTING — NEMA 3R — 1 PHASE — 3 WIRE, 60 HZ.
22 K A. I. C. MINIMUM INTERRUPTING RATING

| LOAD KVA | SERVES | TRIP AMPS | POLES | WIRE | GND | SPACE NO. | GND | WIRE | POLES | TRIP AMPS | SERVES | LOAD KVA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.60 | TWIST LOC REC | 20 | 1 | 8 | 10 | 1 | 2 | 10 | 8 | 2 | 20 | SIGN (1) | 1.00 |
| 0.60 | TWIST LOC REC | 20 | 1 | 8 | 10 | 3 | 4 | – | – | – | – | | – |
| 1.20 | GRADE LEVEL REC | 20 | 1 | 8 | 10 | 5 | 6 | 10 | 8 | 1 | 20 | TWIST LOC REC | 0.60 |
| 1.20 | GRADE LEVEL REC | 20 | 1 | 8 | 10 | 7 | 8 | 10 | 8 | 1 | 20 | TWIST LOC REC | 0.60 |
| 1.20 | GRADE LEVEL REC | 20 | 1 | 8 | 10 | 9 | 10 | 10 | 8 | 1 | 20 | GRADE LEVEL REC | 1.20 |
| – | – | – | – | – | – | 11 | 12 | 10 | 8 | 1 | 20 | GRADE LEVEL REC | 1.20 |
| – | | – | – | – | – | 13 | 14 | 10 | 8 | 1 | 20 | GRADE LEVEL REC | 1.20 |
| 1.20 | GRADE LEVEL REC | 20 | 1 | 8 | 10 | 15 | 16 | 10 | 8 | 1 | 20 | TWIST LOC REC | 0.60 |
| 1.20 | GRADE LEVEL REC | 20 | 1 | 8 | 10 | 17 | 18 | 10 | 8 | 1 | 20 | TWIST LOC REC | 0.60 |
| 1.20 | GRADE LEVEL REC | 20 | 1 | 8 | 10 | 19 | 20 | 10 | 8 | 1 | 20 | GRADE LEVEL REC | 1.20 |
| 0.60 | TWIST LOC REC | 20 | 1 | 8 | 10 | 21 | 22 | 10 | 8 | 1 | 20 | GRADE LEVEL REC | 1.20 |
| 0.60 | TWIST LOC REC | 20 | 1 | 8 | 10 | 23 | 24 | 10 | 8 | 1 | 20 | GRADE LEVEL REC | 1.20 |
| 0.15 | FIBER EQUIP | 20 | 1 | 12 | 12 | 25 | 26 | – | – | – | – | – | – |
| – | – | – | – | – | – | 27 | 28 | – | – | – | – | – | – |
| – | – | – | – | – | – | 29 | 30 | – | – | – | – | – | – |
| – | – | – | – | – | – | 31 | 32 | – | – | – | – | – | – |
| – | – | – | – | – | – | 33 | 34 | – | – | – | – | – | – |
| – | – | – | – | – | – | 35 | 36 | – | – | – | – | – | – |
| – | – | – | – | – | – | 37 | 38 | – | – | – | – | – | – |
| – | – | – | – | – | – | 39 | 40 | – | – | – | – | – | – |
| – | – | – | – | – | – | 41 | 42 | – | – | – | – | – | – |

| LOAD DESCRIPTION | CONN. LOAD | D. F. | CALC. LOAD | NOTES: |
|---|---|---|---|---|
| LIGHTING – KVA | 0.00 | 1.25 | 0.00 | (1) TIMECLOCK/PHOTOCELL CONTROLLED |
| RECEPTACLES – 1ST 10 KVA | 10.00 | 1.00 | 10.00 | |
| RECEPTACLES – ABOVE 10 KVA | 9.20 | 0.50 | 4.60 | |
| MOTORS – KVA | 0.00 | 1.00 | 0.00 | |
| EQUIPMENT – KVA | 0.00 | 1.00 | 0.00 | |
| OTHER – KVA | 0.00 | 1.00 | 0.00 | |
| TOTAL – KVA | 19.20 | | 14.60 | |

# 2436

## OLDCASTLE POLYMER

*(formerly H-Series)*

### COVER

Style: Flush Solid
Material: Polymer Concrete
Model: 24" x 36"
Weight: Tier 15: 150 lbs.
Tier 22: 204 lbs.
Std. Fasteners: 1/2-13 Stainless Steel Hex Head Bolt, Washer and Floating Nut
Options: Logos and Special Markings
Surface: Slip Resistant
Performance: ANSI/SCTE-77, Tier 15 or Tier 22*

Cover comes standard with permanent markings for manufacturer, load rating, model size and manufacturing location.

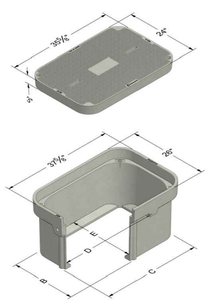
### BODY

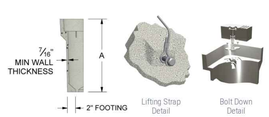
Material: Polymer Concrete
Model: 24" x 36"
Weight: 18" Depth: 142 lbs.
24" Depth: 175 lbs.
36" Depth: 242 lbs.
Wall Type: Straight
Performance: ANSI/SCTE-77 Tier 22

### LOAD RATING / NOTES

MEDIUM DUTY ANSI/SCTE TIER 15
HEAVY DUTY ANSI/SCTE TIER 22

For use in non-vehicular traffic situations only. Weights and dimensions may vary slightly. Actual load rating is determined by the box and cover combination.




| | A | B | C | D | E |
|---|---|---|---|---|---|
| 2436-18 | 18 | 23-5/8 | 35-1/4 | 33-3/15 | 21-9/16 |
| 2436-24 | 24 | 23-3/8 | 34-15/16 | 32-13/16 | 21-5/16 |
| 2436-30 | 30 | 23-1/2 | 35-1/8 | 32-3/4 | 21-1/8 |
| 2436-36 | 36 | 23-3/16 | 34-11/16 | 32-7/16 | 20-15/16 |

* Based upon lid and body combination, this unit can be Tier 15 or Tier 22. T22 rating when paired with T22 polymer concrete lid.

Oldcastle Infrastructure — A CRH COMPANY
oldcastleenclosures.com
(800) 735-5566

# 2436

## OLDCASTLE POLYMER

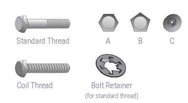
*(formerly H-Series)*

### COVER OPTIONS

Oldcastle Polymer, Flush Solid
Oldcastle Polymer, Flush 2-Piece
Oldcastle Polymer, Flush Pedestal Provision
Steel, Solid

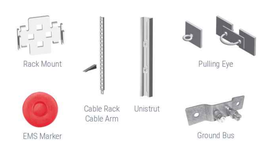
### FASTENER OPTIONS

Hex Head Bolt (A)
Penta Head Bolt (B)
Penta Head Coil Thread Bolt (B)
Oldcastle Vandal Resistant Bolt (C)
Captive Bolt Retainer




### ADD ON OPTIONS

EMS Marker
Mouseholes/Knockouts
Rack Mount
Cable Racks/Cable Arms
Unistrut
Pulling Eye - 1,000 lb and 3,000 lb
Ground Buss
Dividers
Racking Provision
Lid Gaskets*
Solid Bottom
Custom Marking Plate (Polymer)




* Lid Gaskets inhibit water flow into the box, they do not make enclosure fully waterproof

**WARNING:** Cancer - www.P65Warnings.ca.gov

All information contained on this sheet is current at the time of publication.
Oldcastle reserves the right to discontinue or update product information without notice

Revision 11/09/18
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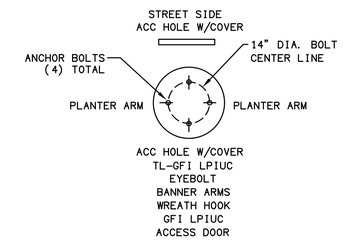
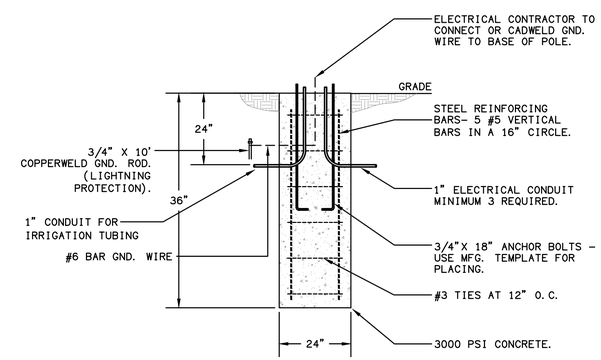
(800) 735-5566




POLE BASE DETAIL– TOP VIEW




POLE BASE DETAIL SIDE VIEW

MiGre Engineers LLC
760 FLORIDA CENTRAL PARKWAY
SUITE 224
LONGWOOD, FL 32750
PH: 407.636.7999

PROJECT #: 25080

| No. | Date | Revision |
|---|---|---|

Mechanical
Electrical
Plumbing
Fire Protection

# PARK AVENUE REFRESH

*WINTER PARK, FLORIDA*

ELECTRICAL
SCHEDULES AND DETAILS

| | |
|---|---|
| PROJECT NO: | 25080 |
| DRAWN BY: | MLD |
| CHECKED BY: | MLD |
| APPROVED BY: | MLD |
| DATE: | 03/13/26 |
| SCALE: | AS INDICATED |
| FILENAME: | 25080-E-SCHEDS |

E-5

To the best of the engineer's knowledge, the plans and specifications comply with the applicable minimum building codes and the applicable fire-safety standards as determined by the local authority in accordance with section 110.8.4.4 of the FBC and 633 Florida Statutes.

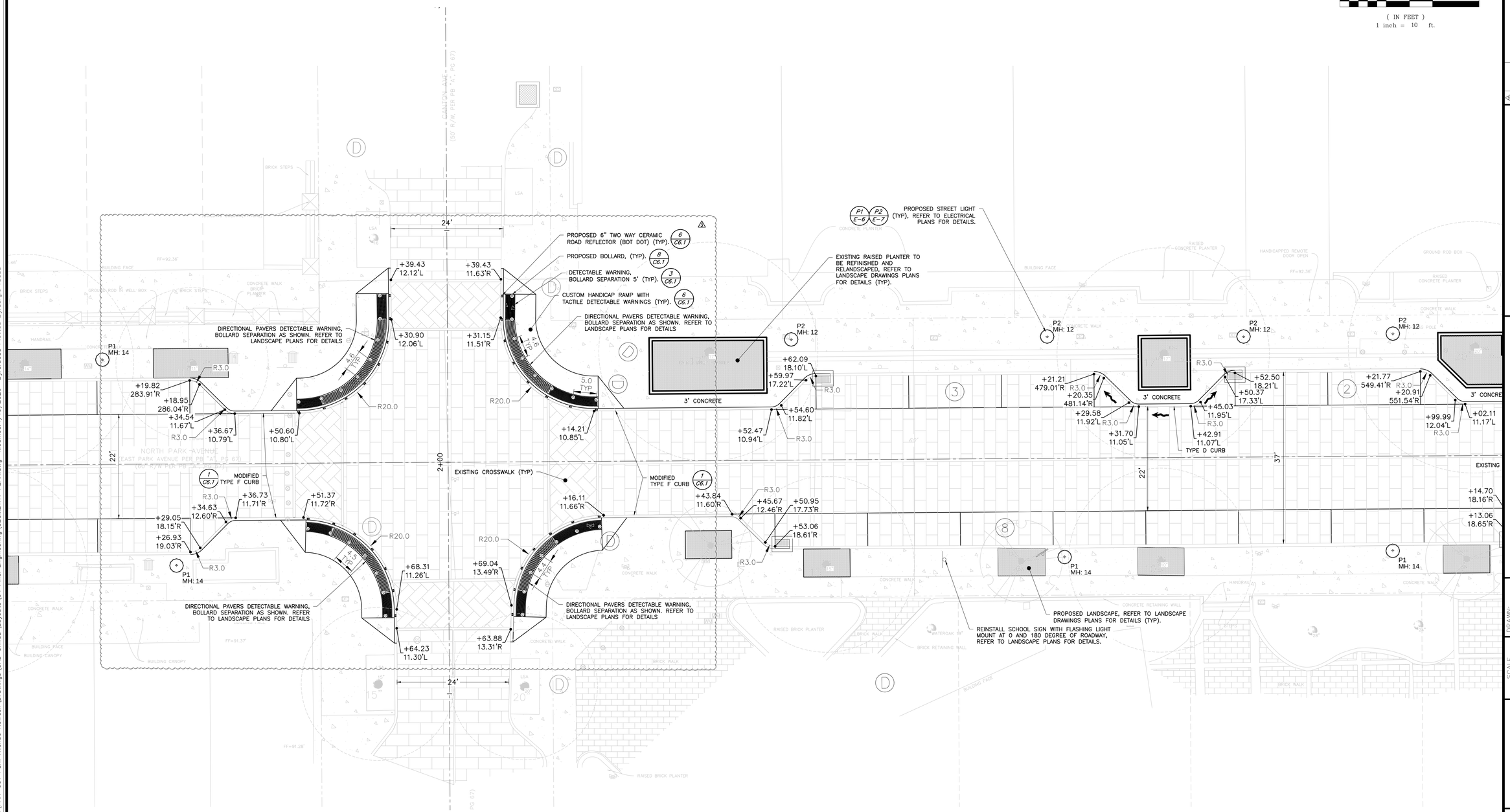
Filename: C:\Users\harry\appdata\local\temp\AcPublish_33744\25080-E-SCHEDS.dwg Plotted by: HARRY 3/23/26 10:58

NOTE:

1. CONTRACTOR SHALL VERIFY ALL BURIED UTILITY LOCATIONS AND VERTICAL ELEVATIONS AT EACH PROPOSED POLE AND BOLLARD LOCATION PRIOR TO CONSTRUCTION START.

GRAPHIC SCALE

( IN FEET )
1 inch = 10 ft.




NOTE:
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| REV. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| 1 | 01/16/26 | RESPONSE TO CITY OF WINTER PARK COMMENTS 11/18/25 | QSS |
| 2 | 10/29/25 | CITY OF WINTER PARK FINAL REVIEW | |
| 3 | 10/03/25 | CITY OF WINTER PARK COMMENTS 09/08/25 | |

CFB | CLYMER FARNER BARLEY

CLYMER FARNER BARLEY, Inc.
2221 LEE ROAD, SUITE 7, WINTER PARK, FL 32789
(407)960-5868

GEOMETRY PLAN

PARK AVENUE REFRESH
WINTER PARK, FL

DRAWN: S.RUEDAGUEVARA
DESIGNED: S.RUEDAGUEVARA
CHECKED: M. STACY
DATE: 12/22/2025

SCALE 1" = 10'
PROJECT FLH-038
SHEET C3.2

MAJOR LEE STACY
LICENSE
No. 70249
STATE OF FLORIDA
PROFESSIONAL ENGINEER
1/19/26

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FILE REFERENCE NUMBERS: _____

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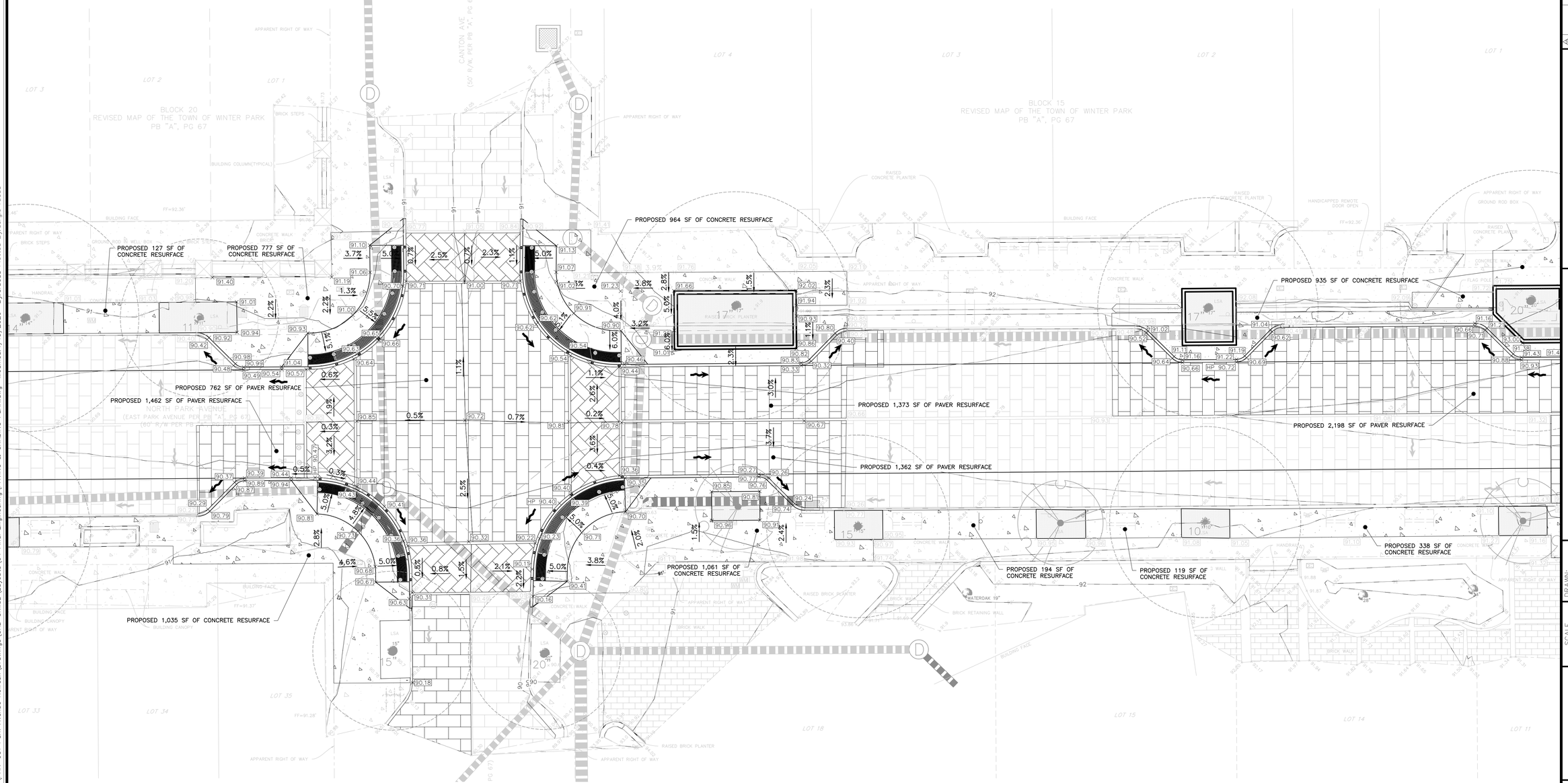
NOTE:

1. ALL BURIED UTILITY LOCATIONS MUST BE VERIFIED AT EACH PROPOSED DRAINAGE PIPE LOCATION PRIOR TO CONSTRUCTION START.

GRAPHIC SCALE

( IN FEET )
1 inch = 10 ft.

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| 3 | 10/03/25 | CITY OF WINTER PARK COMMENTS 09/08/25 | |


CFB | CLYMER FARNER BARLEY

CLYMER FARNER BARLEY, Inc.
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(407)960-5868


PAVING & GRADING PLAN

PARK AVENUE REFRESH
WINTER PARK, FL

DRAWN: S.RUEDAGUEVARA
DESIGNED: S.RUEDAGUEVARA
CHECKED: M. STACY
DATE: 10/8/2025

SCALE: 1" = 10'
PROJECT: FLH-038
SHEET: C4.2

MAJOR LEE STACY
LICENSE
No. 70249
STATE OF FLORIDA
01/19/26
PROFESSIONAL ENGINEER

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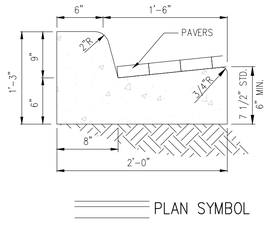
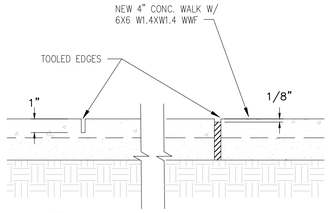



NOTE:
WHEN USED ON HIGH SIDE OF ROADWAYS, THE CROSS SLOPE OF THE GUTTER SHALL MATCH THE CROSS SLOPE OF THE ADJACENT PAVEMENT AND THE THICKNESS OF THE LIP SHALL BE 6", UNLESS OTHERWISE SHOWN ON PLANS.

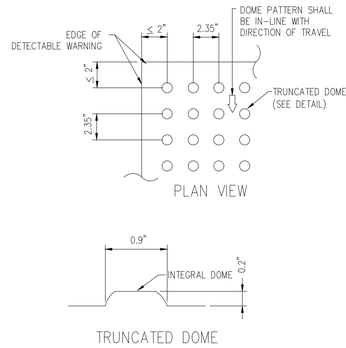
## 1 MODIFIED TYPE "F" CURB AND GUTTER




NOTE:
EXPANSION JOINTS SHALL BE LOCATED AT ALL CONCRETE WALK INTERSECTIONS, AT ALL DOOR OPENINGS AND AT 12' O.C. MAXIMUM.

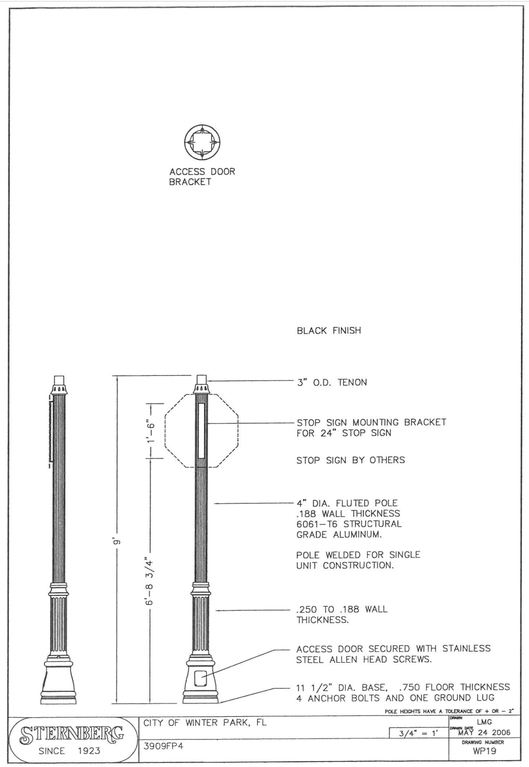
EXPANSION JOINT (1/4" PREMOLDED ASPHALT STRIP) SHALL BE SET 1/8" BELOW TOP OF WALK.
SCORE MARK (1" DEPTH) SHALL BE 4' (MAX.) O.C.

## 2 CONCRETE SIDEWALK

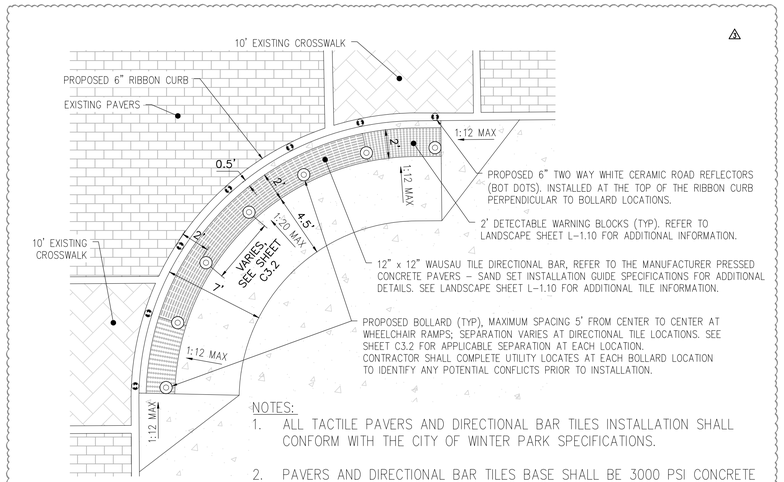



NOTE:
1. CURB RAMP RUNNING SLOPES SHALL NOT BE STEEPER THAN 1:12 AND CROSS SLOPE SHALL BE 0.02 OR FLATTER.
2. DETECTABLE WARNING SURFACES SHALL BE CONSTRUCTED BY TEXTURING OR APPLYING A TRUNCATED DOME MATERIAL IN CONFORMANCE WITH THE U.S. DEPARTMENT OF JUSTICE A.D.A. STANDARDS FOR ACCESSIBLE DESIGN, A.D.A. ACCESSIBILITY GUIDELINES, SECTION 4.29.2. TRANSITION SLOPES ARE NOT TO HAVE DETECTABLE WARNINGS.
3. WHERE A CURB RAMP IS CONSTRUCTED WITHIN AN EXISTING CURB, CURB AND GUTTER AND/OR SIDEWALK, THE EXISTING CURB OR CURB AND GUTTER SHALL BE REMOVED TO THE NEAREST JOINT BEYOND THE CURB TRANSITIONS OR TO THE EXTENT THAT NO REMAINING SECTION OF CURB OR CURB AND GUTTER IS LESS THAN 5' LONG. THE EXISTING SIDEWALK SHALL BE REMOVED TO THE NEAREST JOINT BEYOND THE TRANSITION SLOPE WALK AROUND OR TO THE EXTENT THAT NO REMAINING SECTION OF SIDEWALK IS LESS THAN 5'.
4. WHERE ADJACENT WALKING SURFACES ARE COLORED OR ARE CONSTRUCTED WITH MATERIALS OTHER THAN STANDARD CLASS I PORTLAND CEMENT CONCRETE IN ACCORDANCE WITH SECTION 522 OF THE SPECIFICATIONS, THE PLAN MUST PROVIDE FOR DETECTABLE WARNING SURFACE COLORS OR MATERIALS THAT PROVIDE THE NECESSARY CONTRAST, EITHER DARK-ON-LIGHT OR LIGHT-ON-DARK. (SAFETY YELLOW OR BRICK RED).
5. RECOMMENDED MANUFACTURER: ENGINEERED PLASTICS, INC. (ARMOR TILE) OLYMPIC TOWERS, 300 PEARL STREET, SUITE 200, BUFFALO, NY 14202. PHONE: (800) 682-2525.

## 3 DETECTABLE WARNING



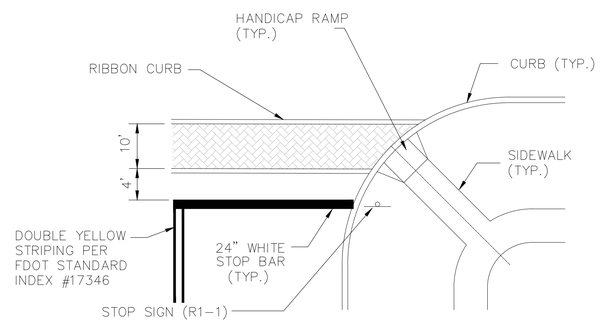

## 4 STOP SIGN




NOTES:
1. ALL TACTILE PAVERS AND DIRECTIONAL BAR TILES INSTALLATION SHALL CONFORM WITH THE CITY OF WINTER PARK SPECIFICATIONS.
2. PAVERS AND DIRECTIONAL BAR TILES BASE SHALL BE 3000 PSI CONCRETE REINFORCED WITH RESIDENTIAL GRADE FIBERGLASS FIBERS, 6" MIN. THICKNESS THROUGHOUT. SUBGRADE COMPACTED AS SPECIFIED.

## 6 CUSTOM HANDICAP RAMP WITH TACTILE DETECTABLE WARNINGS

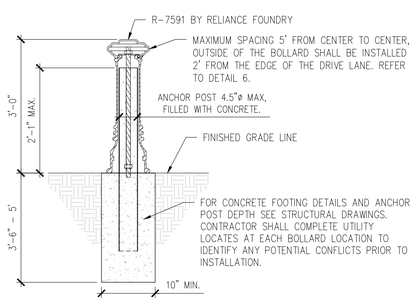
N.T.S.




NOTE:
ALL STRIPING IS REQUIRED TO BE THERMOPLASTIC ON THE RIGHT OF WAY.

## 5 INTERSECTION CROSSWALK/ STOP BAR DETAIL

N.T.S.




BOLLARD NOTES:

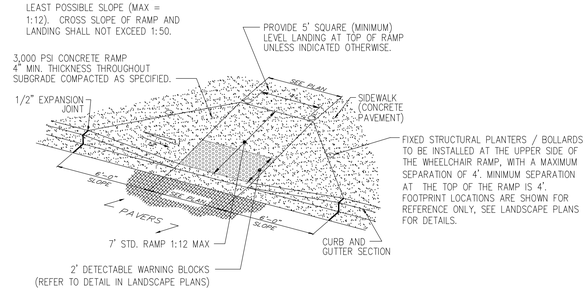
1. VERIFY LOCATION OF UNDERGROUND UTILITIES BEFORE DRILLING FOR CONCRETE FOUNDATION.
2. PIPE BOLLARDS LOCATED AT ALL WHEELCHAIR RAMPS, AND AT THE CORNER BULB-OUTS IN THE INTERSECTION OF PARK AVENUE WITH CANTON AVE.
3. REFER TO PRODUCT SPECS: R-7591 BY RELIANCE FOUNDRY

## 8 BOLLARD

**NOTE 1:** REFERENCE FDOT INDEX 304, PAGE 1, GENERAL AND DESIGN NOTES FOR RAMPS IN R.O.W.

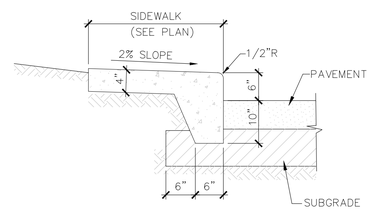
**NOTE 2:** CONSTRUCT RAMP TO LEAST POSSIBLE SLOPE (MAX = 1:12). CROSS SLOPE OF RAMP AND LANDING SHALL NOT EXCEED 1:50.

**NOTE 3:** RAMP GREATER THAN A 6" RISE REQUIRES HANDRAILS.

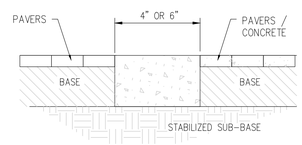



## 9 FLARED HANDICAP RAMP

3000 PSI (MIN.) CONCRETE




## 10 MONOLITHIC CURB AND SIDEWALK




NOTE:
WHEN USED ON HIGH SIDE OF ROADWAYS, THE CROSS SLOPE OF THE CURB SHALL MATCH THE CROSS SLOPE OF THE ADJACENT SURFACE.

## 11 RIBBON CURB

NOTE:
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CLYMER FARNER BARLEY, Inc.
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(407)960-5868

CIVIL DETAILS

PARK AVENUE REFRESH
WINTER PARK, FL

DRAWN: S.RUEDAGUEVARA
DESIGNED: S.RUEDAGUEVARA
CHECKED: M. STACY
DATE:

SCALE: N.T.S.
PROJECT: FLH-038
SHEET: C6.1

MAJOR LEE STACY
LICENSE
No. 70249
STATE OF FLORIDA
PROFESSIONAL ENGINEER
1/19/26

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FILE REFERENCE NUMBERS: _____ _____

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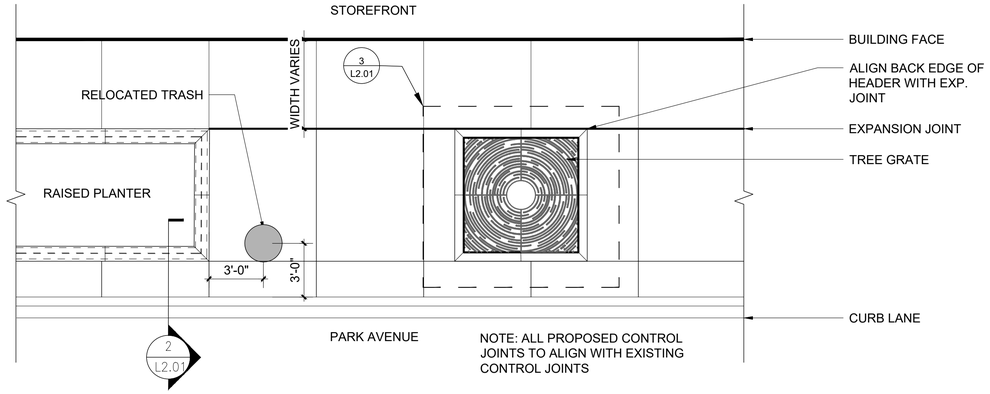
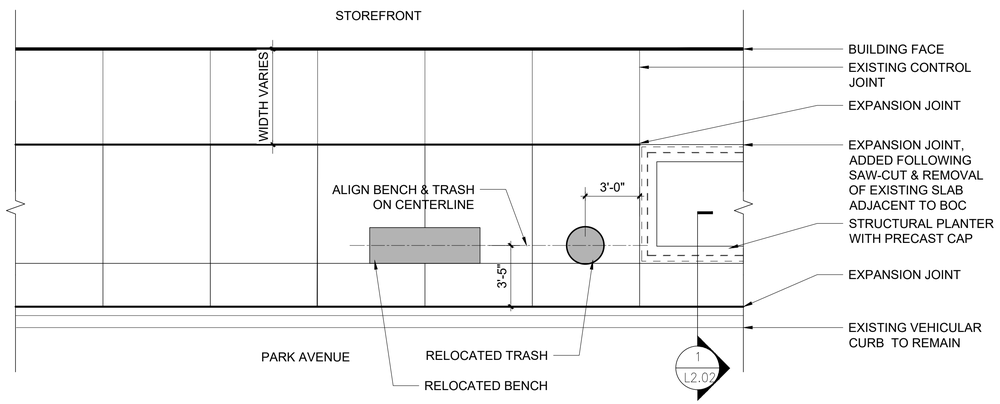


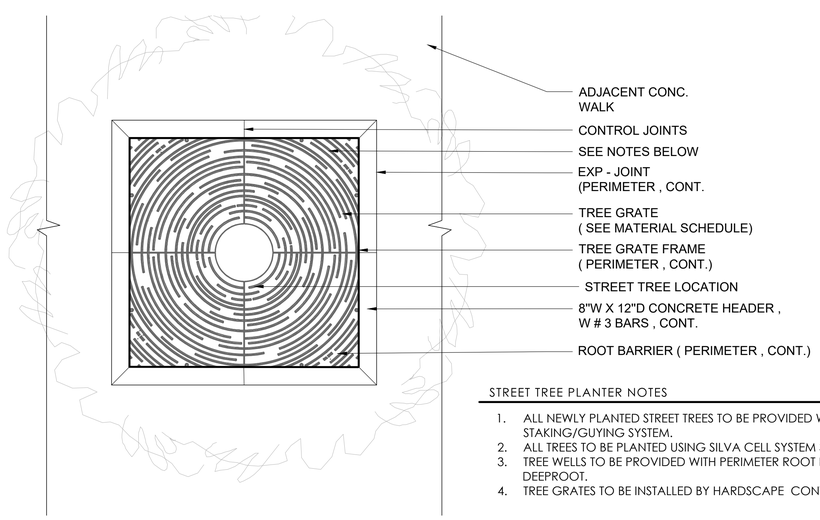

NOTE: ALL PROPOSED CONTROL JOINTS TO ALIGN WITH EXISTING CONTROL JOINTS

1 PLAN VIEW
SCALE:1/4" = 1' - 0"

NOTE: ALL PROPOSED CONTROL JOINTS TO ALIGN WITH EXISTING CONTROL JOINTS




2 PLAN VIEW
SCALE:1/4" = 1' - 0"




STREET TREE PLANTER NOTES

1. ALL NEWLY PLANTED STREET TREES TO BE PROVIDED WITH A SUB-GRADE STAKING/GUYING SYSTEM.
2. ALL TREES TO BE PLANTED USING SILVA CELL SYSTEM 3X BY DEEPROOT.
3. TREE WELLS TO BE PROVIDED WITH PERIMETER ROOT BARRIER SYSTEM BY DEEPROOT.
4. TREE GRATES TO BE INSTALLED BY HARDSCAPE CONTRACTOR.

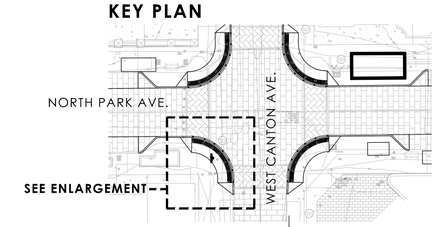
3 TREE GRATE ENLARGEMENT
SCALE:1/2" = 1' - 0"

NOTE: HARDSCAPE DESIGN PLANS PROVIDED TO DEMONSTRATE DESIGN INTENT ONLY AND ARE NOT VALID FOR CONSTRUCTION WITHOUT FINAL STRUCTURAL & REINFORCEMENT DESIGN.

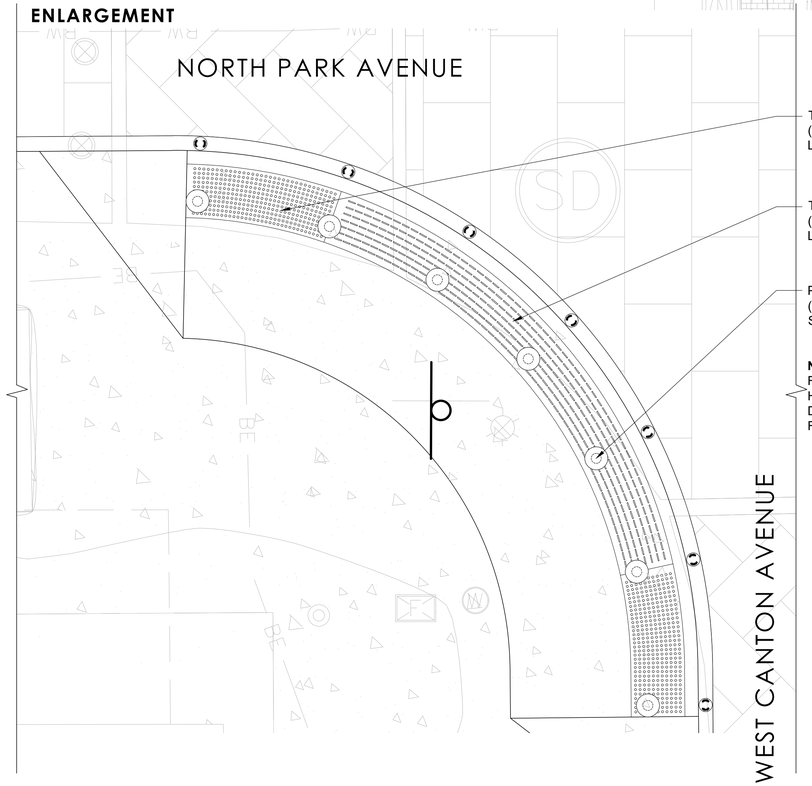
ADDITIONAL HARDSCAPE NOTES

1. EXPANSION JOINTS TO BE PROVIDED IN CONCRETE AT A MAXIMUM DISTANCE OF 30'-0" ON CENTER.
2. CONTRACTOR TO PROVIDE 4' X 4' MOCK-UP OF EACH HARDSCAPE FLATWORK ELEMENT. EACH MOCK-UP SHALL INCLUDE THE COLOR, FINISH, TYPICAL CONTROL AND EXPANSION JOINT PATTERN AND COLORED CAULK. ALL MOCK-UPS SHALL BE CONSIDERED A PART OF THE SUBMITTAL PROCESS AND REVIEWED AND APPROVED BY THE LANDSCAPE ARCHITECT AND OWNER, PRIOR TO INSTALLATION.
3. ALL EXPANSION JOINTS TO BE CAULKED, COLOR TO MATCH ADJACENT CONCRETE.
4. ALL REFERENCES TO INTEGRAL COLOR CONCRETE WITHIN DRAWING SET SHALL BE PROVIDED AS SCOFIELD CHROMIX ADMIXTURE AVAILABLE THROUGH SIKA USA OR APPROVED EQUAL.
5. ALL CONCRETE SEALANT SHALL BE A WATER-BORNE TYPE. REFER TO SCOFIELD RECOMMENDATIONS FOR SPECIFICATIONS, APPLICATIONS, AND PRODUCT MAINTENANCE.
6. REFER TO CIVIL ENGINEER'S DRAWINGS FOR ALL HANDICAP RAMP DETAILS, TACTILE WARNING LOCATIONS AND TYPE.

KEY PLAN




ENLARGEMENT




**NOTE:**
REFER TO SHEET C6.1/6- CUSTOM HANDICAP RAMP WITH TACTILE DETECTABLE WARNINGS AND C6.1/8 FOR PEDESTRIAN BOLLARD DETAIL

4 FLUSH CURB TACTILE PAVER DETAIL- TYP.
SCALE:3/8" = 1' - 0"

DANIEL ROGERS
LANDSCAPE ARCHITECTURE

STRINGFELLOW PLANNING & DESIGN

**STRINGFELLOW Planning & Design**

www.stringfellowplanning.com
alex@stringfellowplanning.com
P: 352.217.7710

# PARK AVENUE REFRESH PHASE 1

Winter Park, Florida

SEAL

DANIEL A. ROGERS, RLA
FLORIDA LICENSE #6666866

| ISSUED: | DATE: |
|---|---|
| PRICING DOCUMENTS | 08/07/2025 |
| IFC DOCUMENTS | 10/29/2025 |
| PERMIT SUBMITTAL | 01/19/2026 |

| REV. | DATE | DESCRIPTION |
|---|---|---|

HARDSCAPE DETAILS

Sheet Title

| | |
|---|---|
| JOB NO. | 2024.026 |
| SCALE: | AS SHOWN |
| DATE: | 08/07/2025 |
| DESIGN | BRW |
| DRAWN: | BRW |
| CHECKED: | DAR |

L-2.01

PRINT DATE: 01/16/2026 @ 12:50:57 PM REVISED DATE: 01/16/2026 @ 12:50:57 PM REVISED BY: BRYAN
DWG NAME: Z:\SHARED\DRLA\PROJECTS\2024\2024.026_PARK AVENUE REFRESH\DESIGN\CAD\PAR-HSD.DWG

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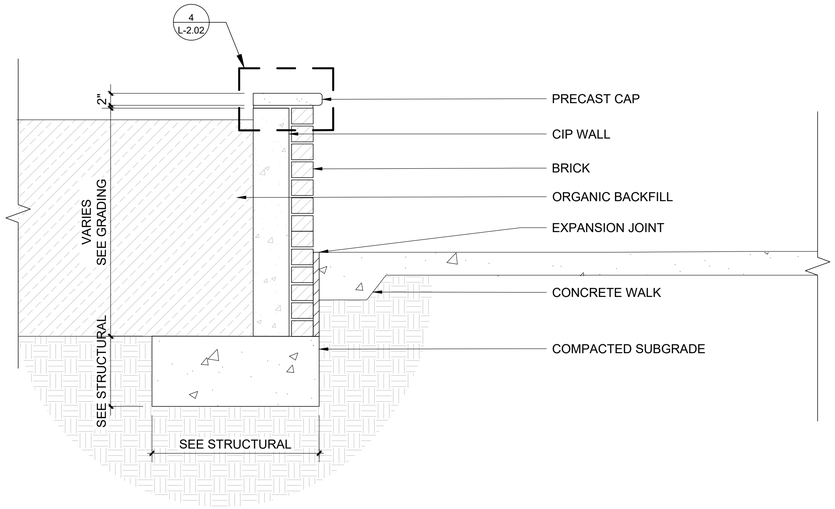
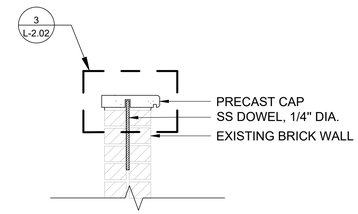



1 STRUCTURAL RET. WALL PLANTER
SCALE: 1" = 1' - 0"




RETAINING WALL / PLANTER WALL CAP NOTES

1. WALL DESIGNS SHOWN FOR DESIGN INTENT AND FINISH MATERIAL APPLICATIONS, STRUCTURAL DESIGN BY OTHERS.

2. REFER TO MATERIAL SCHEDULE FOR COLORS, FINISHES, AND ADDITIONAL NOTES PERTAINING TO FINISH MATERIALS.

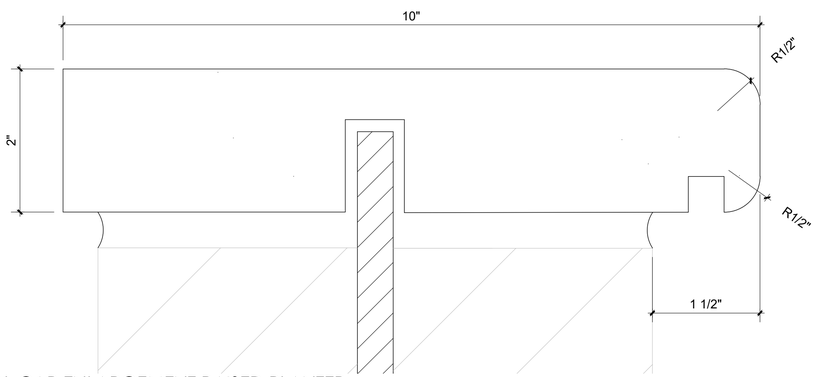
3. REFER TO CIVIL ENGINEERSDRAWINGS FOR GRADING INFORMATION INCLUDING TOP OF WALL HEIGHTS.

4. FINAL DIMENSIONS OF ALL PRECAST TO BE FIELD VERIED BY THE CONTRACTOR PRIOR TO FABRICATION /INSTALLATION.

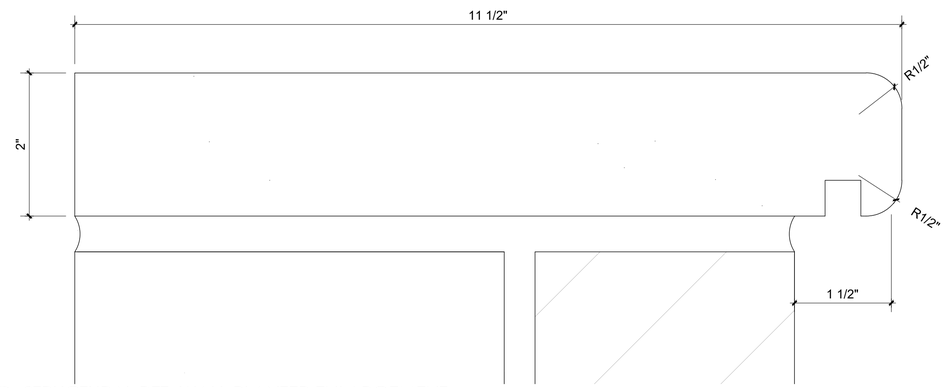
5. SUBMITTALS TO BE PROVIDED TO THE CITY AND LA FOR REVIEW AND APPROVAL OF ALL COLORS AND FINISHES.

6. TOP OF ALL PRECAST CAPS TO BE SLOPED TO DRAIN.

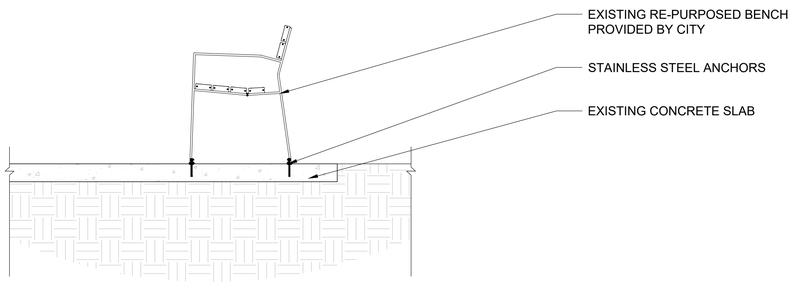
2 PLANTER WALL CAP
SCALE:1" = 1' - 0"




3 WALL CAP ENLARGEMENT RAISED PLANTER
SCALE: 3" = 1' - 0"

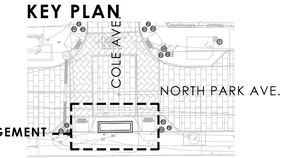


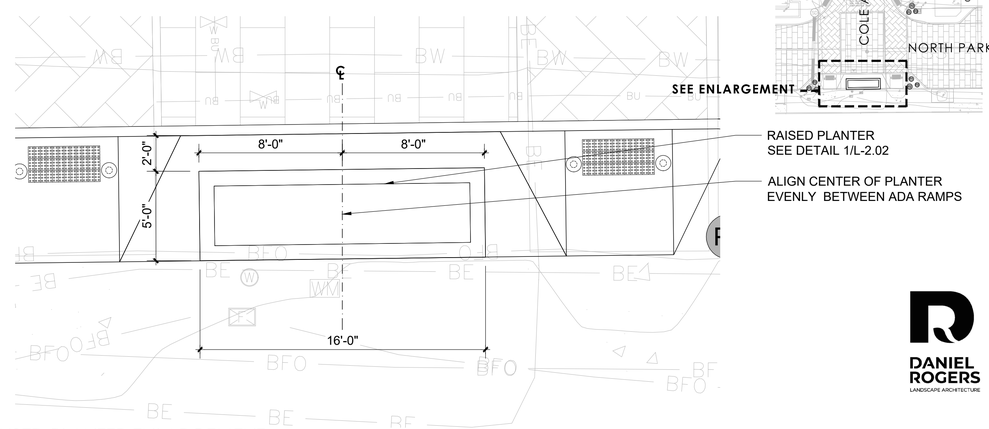

4 STRUCTURAL RET. WALL PLANTER ENLARGEMENT
SCALE: 3" = 1' - 0"




5 BENCH ATTACHMENT DETAIL
SCALE: 3/4" = 1' - 0"

KEY PLAN




6 RAISED PLANTER ENLARGEMENT
SCALE: 1/4" = 1' - 0"

DANIEL ROGERS
LANDSCAPE ARCHITECTURE


STRINGFELLOW
PLANNING & DESIGN

**STRINGFELLOW Planning & Design**

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# PARK AVENUE REFRESH PHASE 1

Winter Park, Florida

SEAL

DANIEL A. ROGERS, RLA
FLORIDA LICENSE #6666866

| ISSUED: | DATE: |
|---|---|
| PRICING DOCUMENTS | 08/07/2025 |
| IFC DOCUMENTS | 10/29/2025 |
| PERMIT SUBMITTAL | 01/19/2026 |

| REV. | DATE | DESCRIPTION |
|---|---|---|

HARDSCAPE DETAILS

Sheet Title

| | |
|---|---|
| JOB NO. | 2024.026 |
| SCALE: | AS SHOWN |
| DATE: | 08/07/2025 |
| DESIGN | BRW |
| DRAWN: | BRW |
| CHECKED: | DAR |

L-2.02


PRINT DATE: 01/16/2026 @ 03:04:49 PM REVISED DATE: 01/16/2026 @ 03:04:49 PM REVISED BY: BRYAN
DWG NAME: Z:\SHARED\DRLA\PROJECTS\2024\2024.026_PARK AVENUE REFRESH\DESIGN\CAD\PAR-HSD.DWG