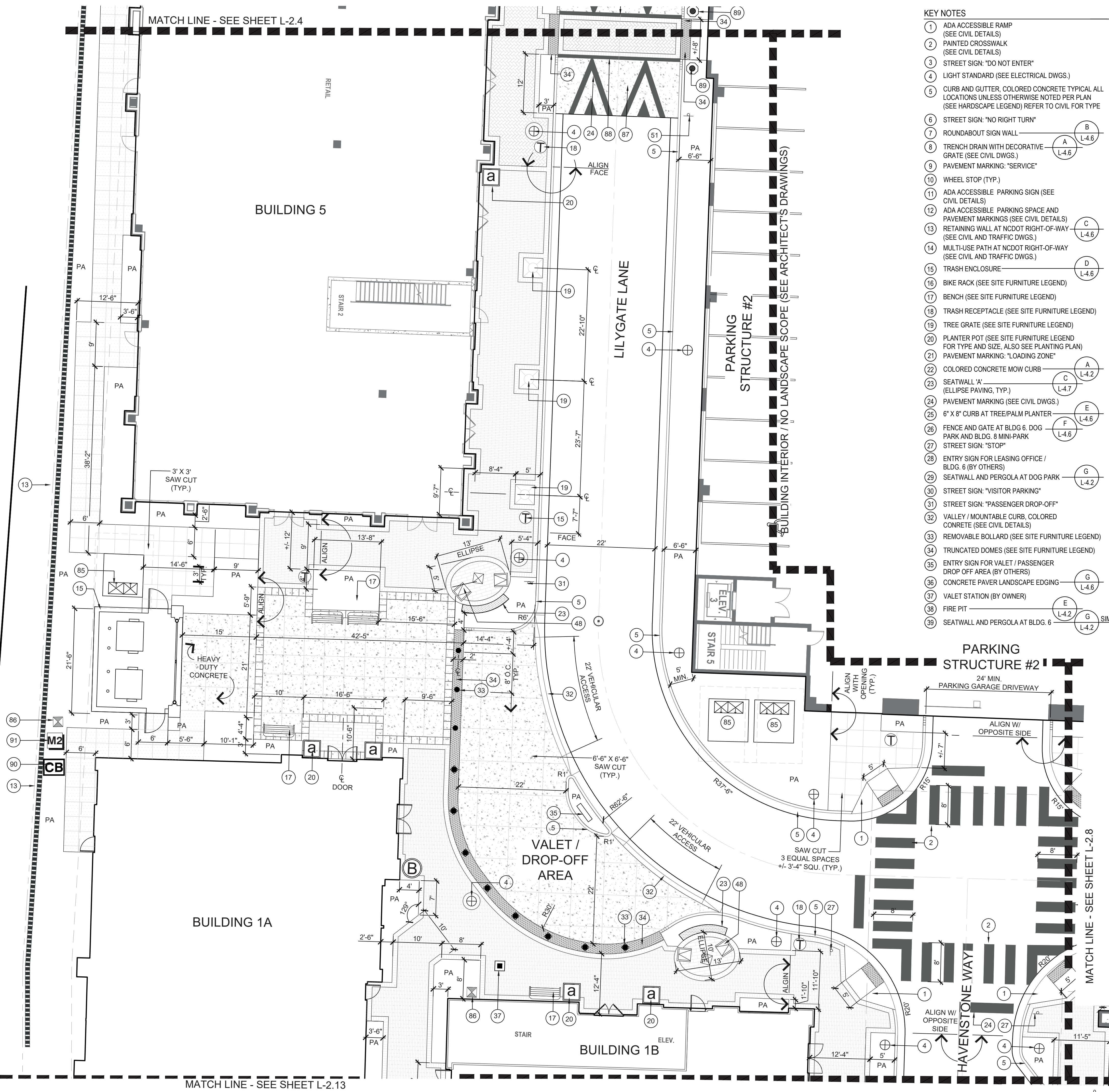
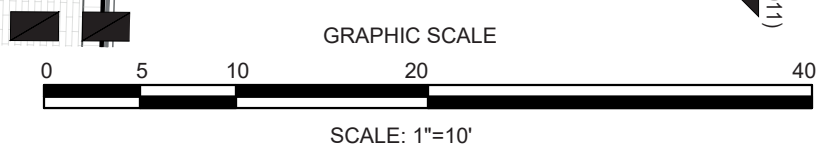


MILITARY CUTOFF RD  
S.R. 1409  
PUBLIC ROW - WIDTH VARIES



**KEY NOTES**

- 1 ADA ACCESSIBLE RAMP (SEE CIVIL DETAILS)
- 2 PAINTED CROSSWALK (SEE CIVIL DETAILS)
- 3 STREET SIGN: "DO NOT ENTER"
- 4 LIGHT STANDARD (SEE ELECTRICAL DWGS.)
- 5 CURB AND GUTTER, COLORED CONCRETE TYPICAL ALL LOCATIONS UNLESS OTHERWISE NOTED PER PLAN (SEE HARDSCAPE LEGEND) REFER TO CIVIL FOR TYPE
- 6 STREET SIGN: "NO RIGHT TURN"
- 7 ROUNDABOUT SIGN WALL
- 8 TRENCH DRAIN WITH DECORATIVE GRATE (SEE CIVIL DWGS.)
- 9 PAVEMENT MARKING: "SERVICE"
- 10 WHEEL STOP (TYP.)
- 11 ADA ACCESSIBLE PARKING SIGN (SEE CIVIL DETAILS)
- 12 ADA ACCESSIBLE PARKING SPACE AND PAVEMENT MARKINGS (SEE CIVIL DETAILS)
- 13 RETAINING WALL AT NCDOT RIGHT-OF-WAY (SEE CIVIL AND TRAFFIC DWGS.)
- 14 MULTI-USE PATH AT NCDOT RIGHT-OF-WAY (SEE CIVIL AND TRAFFIC DWGS.)
- 15 TRASH ENCLOSURE
- 16 BIKE RACK (SEE SITE FURNITURE LEGEND)
- 17 BENCH (SEE SITE FURNITURE LEGEND)
- 18 TRASH RECEPTACLE (SEE SITE FURNITURE LEGEND)
- 19 TREE GRATE (SEE SITE FURNITURE LEGEND)
- 20 PLANTER POT (SEE SITE FURNITURE LEGEND FOR TYPE AND SIZE, ALSO SEE PLANTING PLAN)
- 21 PAVEMENT MARKING: "LOADING ZONE"
- 22 COLORED CONCRETE MOW CURB
- 23 SEATWALL 'A' (ELLIPSE PAVING, TYP.)
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- 25 6" X 8" CURB AT TREE/PALM PLANTER
- 26 FENCE AND GATE AT BLDG 6, DOG PARK AND BLDG. 8 MINI-PARK
- 27 STREET SIGN: "STOP"
- 28 ENTRY SIGN FOR LEASING OFFICE / BLDG. 6 (BY OTHERS)
- 29 SEATWALL AND PERGOLA AT DOG PARK
- 30 STREET SIGN: "VISITOR PARKING"
- 31 STREET SIGN: "PASSENGER DROP-OFF"
- 32 VALLEY / MOUNTABLE CURB, COLORED CONCRETE (SEE CIVIL DETAILS)
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- 35 CONCRETE PAVER LANDSCAPE EDGING
- 36 VALET STATION (BY OWNER)
- 37 FIRE PIT
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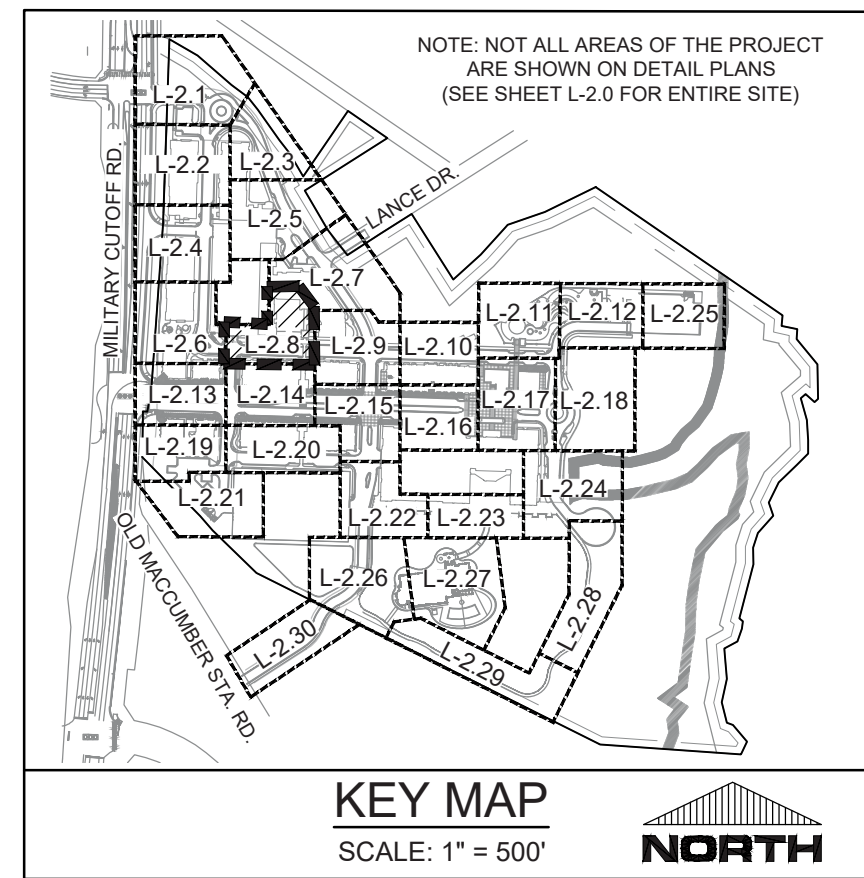
FINAL DESIGN - NOT RELEASED FOR CONSTRUCTION

<p>PROJECT STATUS ORIGINAL LAYOUT: FINAL DESIGN: RELEASED FOR CONSTRUCTION</p>	<p>DRAWING INFORMATION DATE: 06/23/23 SCALE: 1" = 10' DRAWN BY: [Signature] CHECKED: [Signature]</p>
<p>LANDSCAPE CONSTRUCTION DETAIL PLAN MILITARY CUTOFF RD. WILMINGTON, NC 28405</p>	<p>LANDSCAPE CONSTRUCTION DETAIL PLAN MILITARY CUTOFF RD. WILMINGTON, NC 28405</p>
<p>REVISIONS: APPROVED ADMINISTRATIVE MODIFICATION</p>	<p>CLIENT INFORMATION: CIP CONSTRUCTION COMPANY 201 NORTH ELM STREET, STE. 201 GREENSBORO, NC 27401</p>
<p>PEI JOB#: 18473.PE</p>	<p>SCALE: 1"=10'</p>









MATCH LINE - SEE SHEET L-2.7

BUILDING 6

BUILDING INTERIOR / NO LANDSCAPE SCOPE (SEE ARCHITECT'S DRAWINGS)

MATCH LINE - SEE SHEET L-2.7

PARKING STRUCTURE 2

STAIR 3

BIKE RACKS (BY ARCHITECT)

HARBORVIEW WAY

LOADING ZONE

BUILDING 2

MATCH LINE - SEE SHEET L-2.14

MATCH LINE - SEE SHEET L-2.6

MATCH LINE - SEE SHEET L-2.9

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REVISIONS:

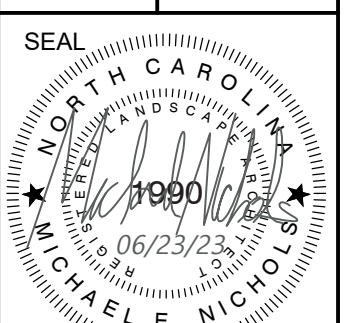
3/10/2022	APPROVED ADMINISTRATIVE MODIFICATION
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CLIENT INFORMATION:  
CIP CONSTRUCTION COMPANY  
201 NORTH ELM STREET, STE. 201  
GREENSBORO, NC 27401

PARAMOUNT ENGINEERING, INC.  
122 Cinema Drive  
Wilmington, North Carolina 28403  
(910) 791-6707 (O) (910) 791-6760 (F)  
NC License #: C-2846

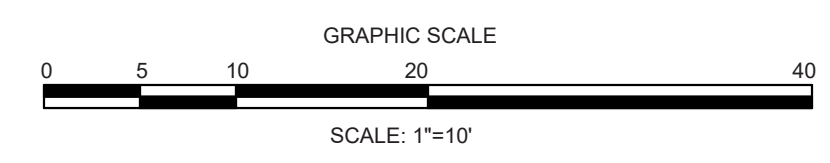
LANDSCAPE CONSTRUCTION  
DETAIL PLAN  
CARROLL AT THE AVENUE  
MILITARY CUTOFF RD.  
WILMINGTON, NC 28405

PROJECT STATUS  
ORIGINAL LAYOUT:  
FINAL DESIGN:  
RELEASED FOR CONSTRUCTION:  
DATE: 08/23/2022  
SCALE: 1" = 10'  
DRAWING INFORMATION  
DRAWN BY: J. NICHOLS  
CHECKED BY: J. NICHOLS



PEI JOB#: 18473.PE

FINAL DESIGN - NOT RELEASED FOR CONSTRUCTION



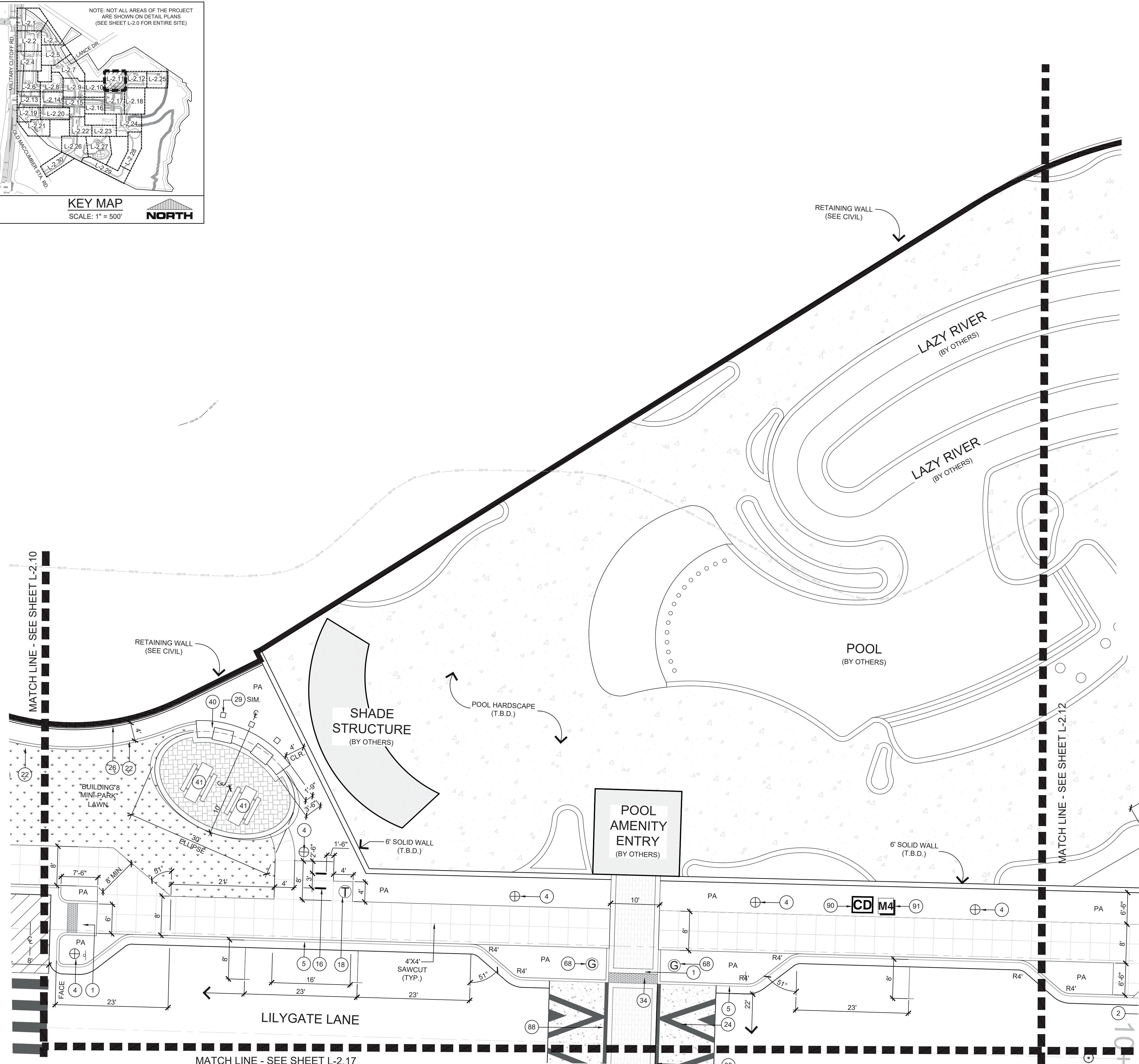
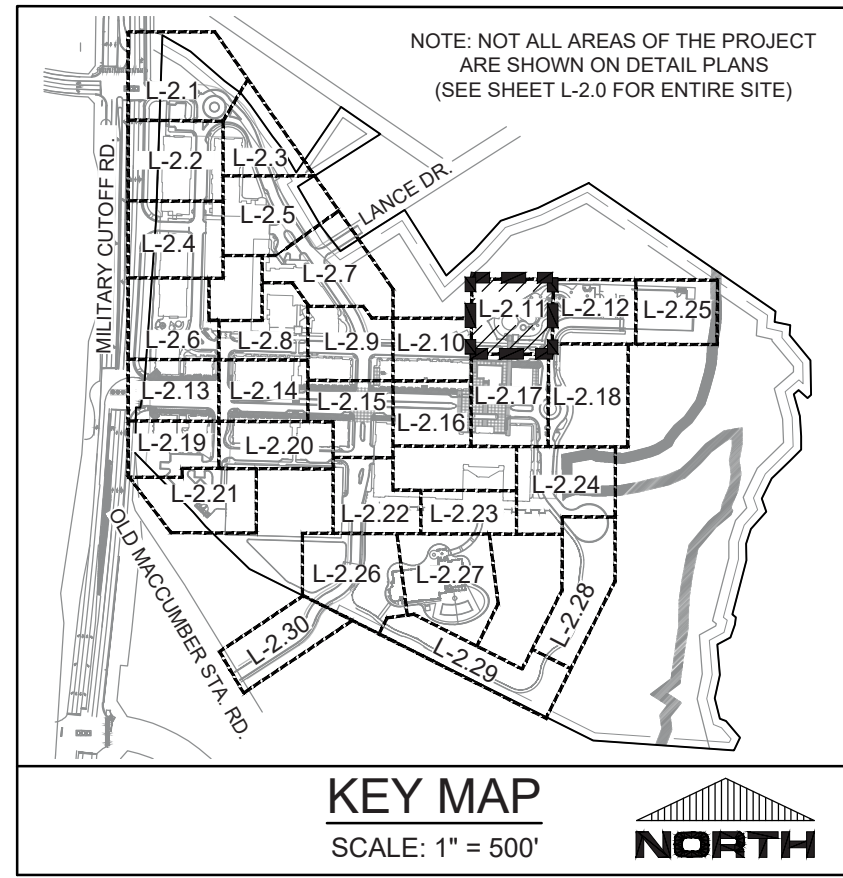






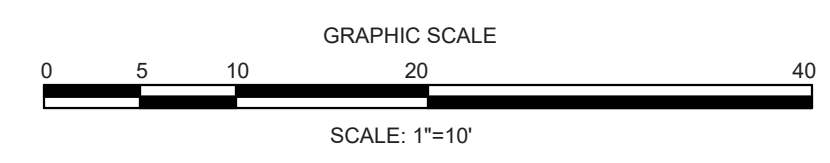






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FINAL DESIGN - NOT RELEASED FOR CONSTRUCTION

REVISIONS: 3/10/2022 APPROVED ADMINISTRATIVE MODIFICATION

CLIENT INFORMATION: CIP CONSTRUCTION COMPANY 201 NORTH ELM STREET, STE. 201 GREENSBORO, NC 27401

PARAMOUNT ENGINEERING, INC. 122 Cinema Drive Wilmington, North Carolina 28403 (910) 791-6707 (O) (910) 791-6760 (F) NC License #: C-2846

LANDSCAPE CONSTRUCTION DETAIL PLAN CARROLL AT THE AVENUE MILITARY CUTOFF RD. WILMINGTON, NC 28405

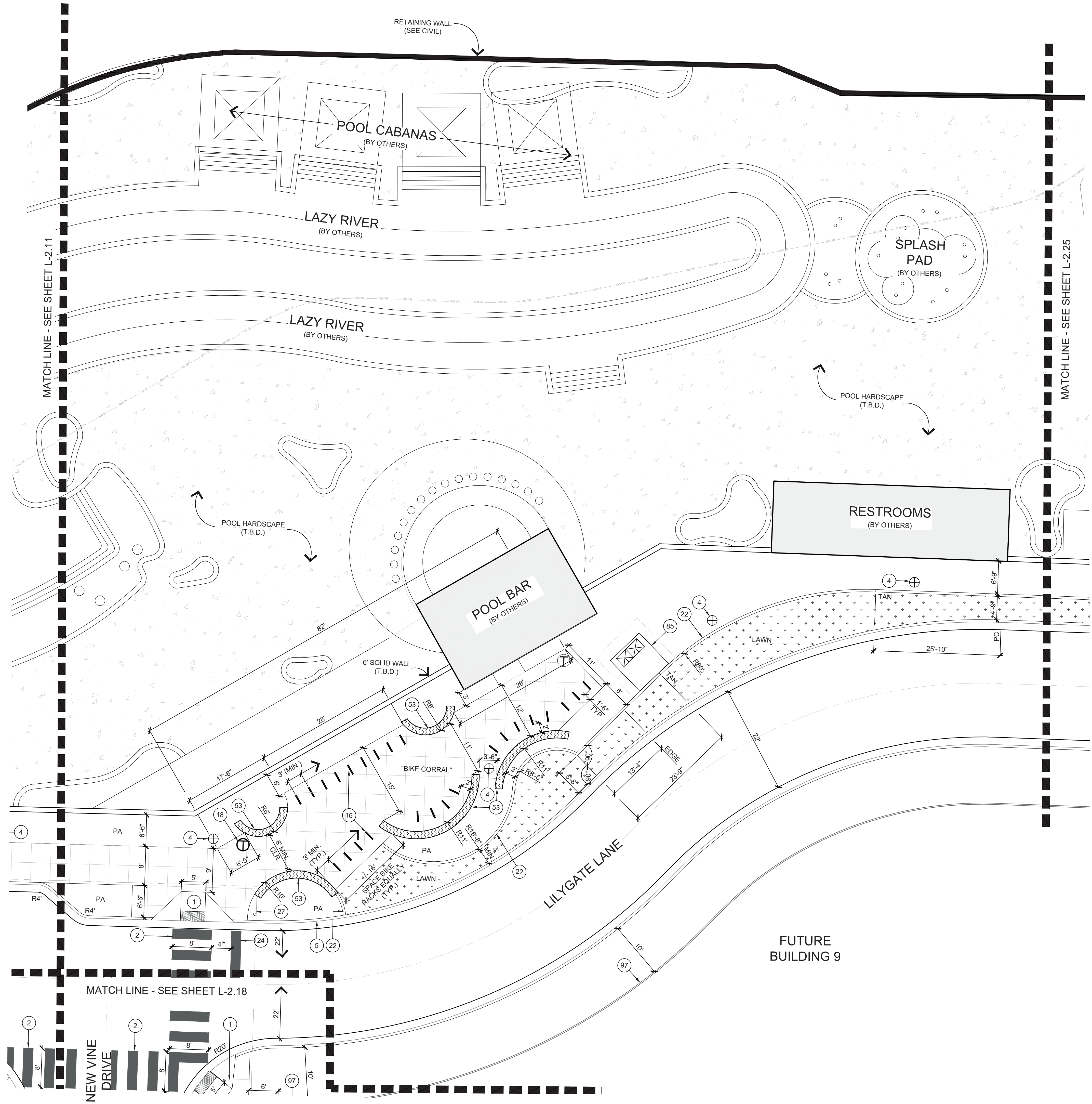
PROJECT STATUS: ORIGINAL LAYOUT: FINAL DESIGN: RELEASED FOR CONSTRUCTION: DATE: 06/23/23 SCALE: 1" = 10' DRAWING INFORMATION: DRAWING: CHECKED: 11/02/2023

SEAL: NORTH CAROLINA PROFESSIONAL ENGINEER 1980 06/23/23 MICHAEL HIGDON

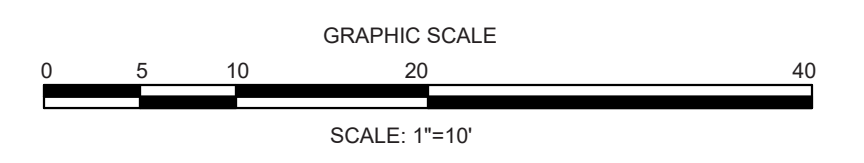
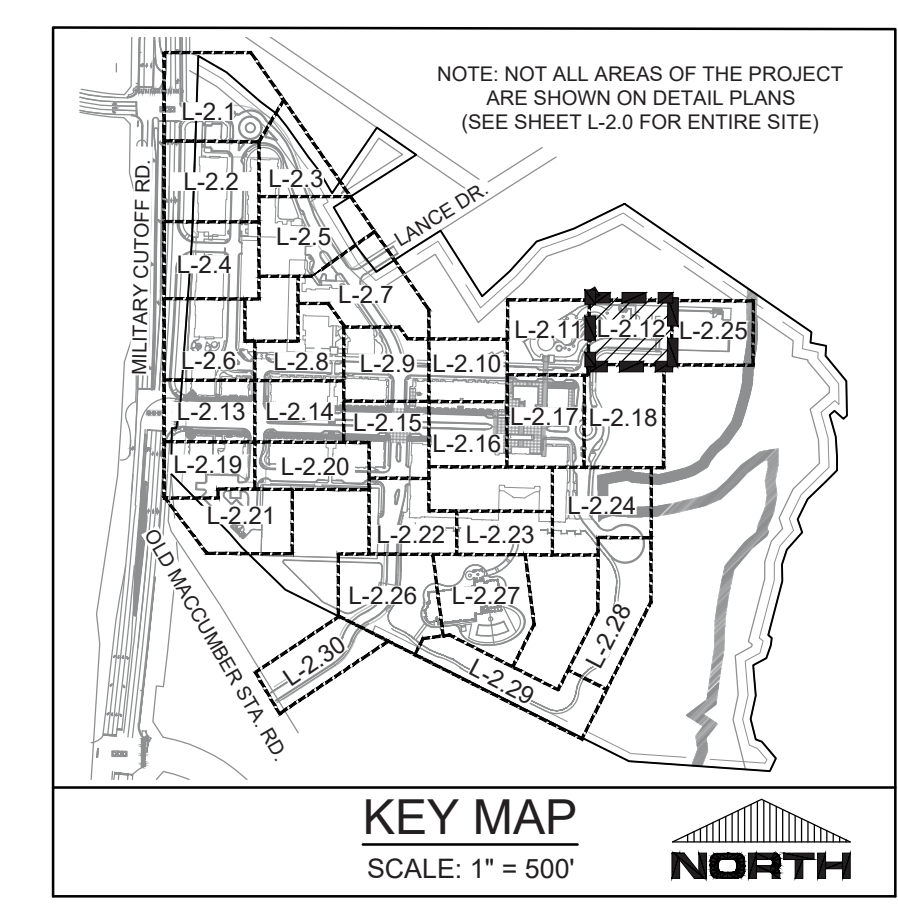
L-2.11

PEI JOB#: 18473.PE





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  - 27 STREET SIGN: "STOP"
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  - 36 CONCRETE PAVER LANDSCAPE EDGING
  - 37 VALET STATION (BY OWNER)
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  - 41 PICNIC TABLE (VARIES - SEE SITE FURNITURE LEGEND)
  - 42 ROLL-UP DOOR (SEE ARCHS DWGS.)
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  - 44 BLDG. 6 COURTYARD WALL WITH BENCH
  - 45 WATER FEATURE 'A' (BLDG. 6)
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  - 48 FURNISHINGS AT SEAT NODE (ELLIPSE, TYP.) (SEE SITE FURNITURE LEGEND)
  - 49 BLDG. 6 RAISED PLANTER / SEATWALL
  - 50 STREET SIGN: "RIGHT TURN ONLY"
  - 51 STREET SIGN: "PEDESTRIAN CROSSING"
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  - 53 SEATWALL 'B' (AT BIKE CORRAL)
  - 54 BLDG. 6 STAIRS AND HANDRAIL
  - 55 RAISED WOODEN WALKWAY AND BENCH
  - 56 ENTRY MONUMENT SITE (BY OTHERS)
  - 57 PLAZA TREE PLANTER / SEATALL
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  - 59 RAMP AND HANDRAILS AT PLAZA
  - 60 PLAZA STAIR 'A'
  - 61 PLAZA AMPHITHEATER SEATING
  - 62 PLAZA STAIR 'B'
  - 63 ELLIPSE RETAINING AND SEAT WALL AT PLAZA
  - 64 CHEEK WALL PLANTER AT RAMP
  - 65 WATER FEATURE 'B' (PLAZA)
  - 66 CAFE TABLE AND CHAIRS AT PLAZA (SEE SITE FURNITURE LEGEND)
  - 67 ART NODE / PEDESTAL
  - 68 GAS LIGHT STANDARD (SEE SITE FURNITURE LEGEND)
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REVISIONS:  
3/10/2022  
APPROVED ADMINISTRATIVE MODIFICATION

CLIENT INFORMATION:  
CIP CONSTRUCTION COMPANY  
201 NORTH ELM STREET, STE. 201  
GREENSBORO, NC 27401

PARAMOUNT ENGINEERING, INC.  
122 Cinema Drive  
Wilmington, North Carolina 28403  
(910) 791-6707 (O) (910) 791-6760 (F)  
N.C. License #: C-2846

LANDSCAPE CONSTRUCTION  
DETAIL PLAN  
CARROLL AT THE AVENUE  
MILITARY CUTOFF RD.  
WILMINGTON, NC 28405

PROJECT STATUS:  
ORIGINAL LAYOUT:  
FINAL DESIGN LAYOUT:  
RELEASED FOR CONSTRUCTION

DRAWING INFORMATION:  
DATE: 08/23/2022  
SCALE: 1" = 10'  
DRAWN BY: J. NICHOLS  
CHECKED BY: J. NICHOLS

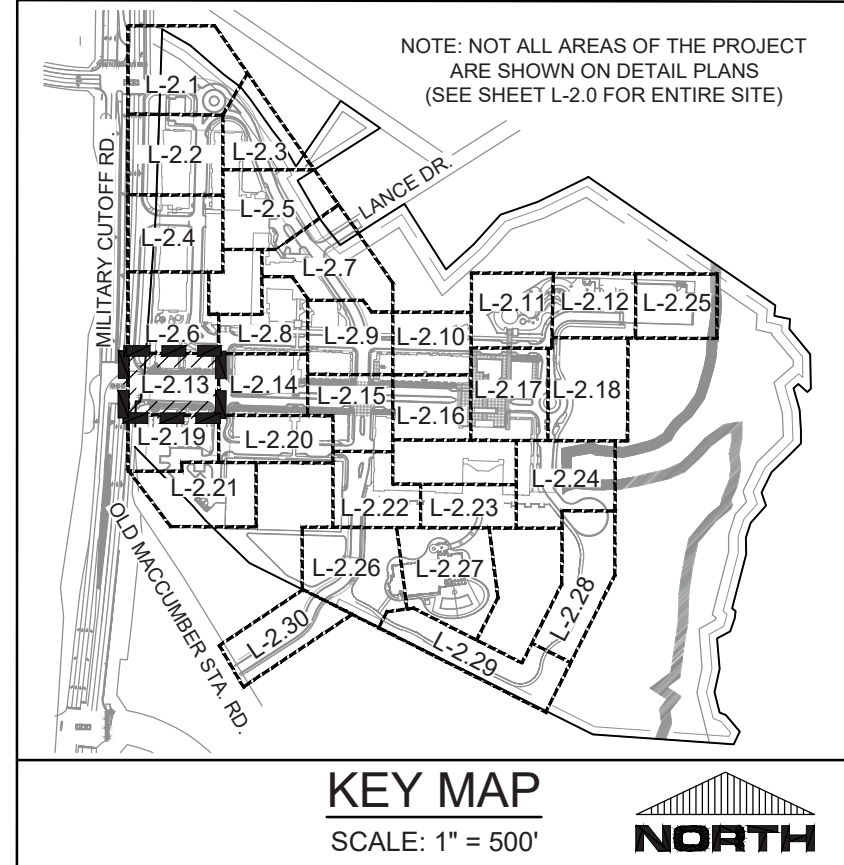
SEAL:  
J. NICHOLS  
06/23/2022  
WILMINGTON, NC

L-2.12

PEI JOB#: 18473.PE

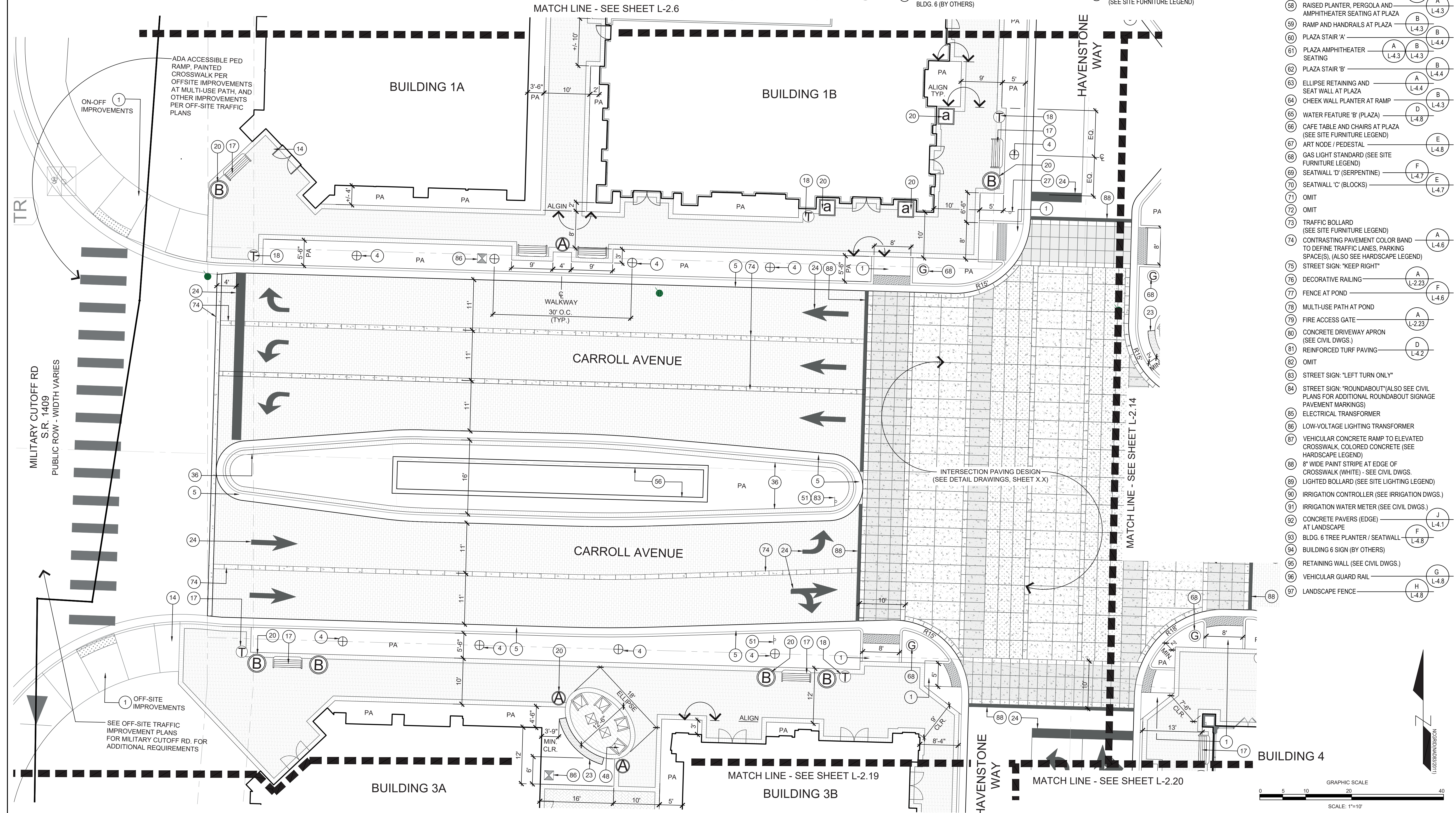
FINAL DESIGN - NOT RELEASED FOR CONSTRUCTION





**KEY NOTES**

- 1 ADA ACCESSIBLE RAMP (SEE CIVIL DETAILS)
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- 5 CURB AND GUTTER, COLORED CONCRETE TYPICAL ALL LOCATIONS UNLESS OTHERWISE NOTED PER PLAN (SEE HARDSCAPE LEGEND) REFER TO CIVIL FOR TYPE
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- 8 TRENCH DRAIN WITH DECORATIVE GRATE (SEE CIVIL DWGS.)
- 9 PAVEMENT MARKING: "SERVICE"
- 10 WHEEL STOP (TYP.)
- 11 ADA ACCESSIBLE PARKING SIGN (SEE CIVIL DETAILS)
- 12 ADA ACCESSIBLE PARKING SPACE AND PAVEMENT MARKINGS (SEE CIVIL DETAILS)
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- 14 MULTI-USE PATH AT NCDOT RIGHT-OF-WAY (SEE CIVIL AND TRAFFIC DWGS.)
- 15 TRASH ENCLOSURE
- 16 BIKE RACK (SEE SITE FURNITURE LEGEND)
- 17 BENCH (SEE SITE FURNITURE LEGEND)
- 18 TRASH RECEPTACLE (SEE SITE FURNITURE LEGEND)
- 19 TREE GRATE (SEE SITE FURNITURE LEGEND)
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3/10/2022

REVISIONS:  
APPROVED ADMINISTRATIVE MODIFICATION

CLIENT INFORMATION:  
CIP CONSTRUCTION COMPANY  
201 NORTH ELM STREET, STE. 201  
GREENSBORO, NC 27401

PARAMOUNT ENGINEERING, INC.  
122 Cinema Drive  
Wilmington, North Carolina 28403  
(910) 791-6707 (O) (910) 791-6760 (F)  
NC License #: C-2846

LANDSCAPE CONSTRUCTION  
DETAIL PLAN  
CARROLL AT THE AVENUE  
MILITARY CUTOFF RD.  
WILMINGTON, NC 28405

PROJECT STATUS  
ORIGINAL LAYOUT:  
FINAL DESIGN LAYOUT:  
RELEASED FOR CONSTRUCTION

DRAWING INFORMATION  
DATE: 08/23/2022  
SCALE: 1" = 20'  
DRAWN BY: C.A.  
CHECKED BY: M.W.

SEAL  
NORTH CAROLINA  
REGISTERED PROFESSIONAL ENGINEER  
06/23/23  
WILLIAM W. WILSON  
CIVIL ENGINEER

L-2.13

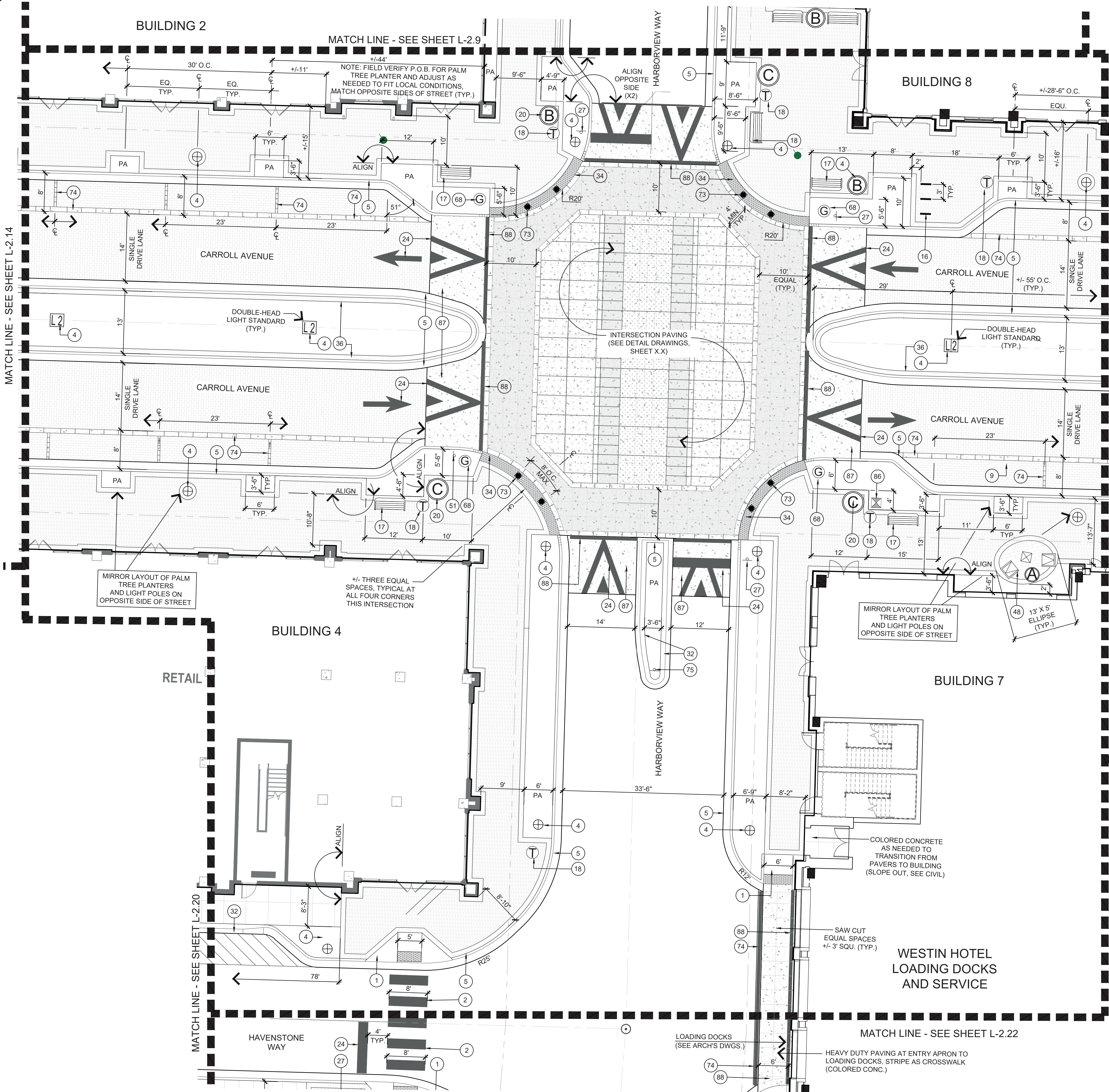
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FINAL DESIGN - NOT RELEASED FOR CONSTRUCTION

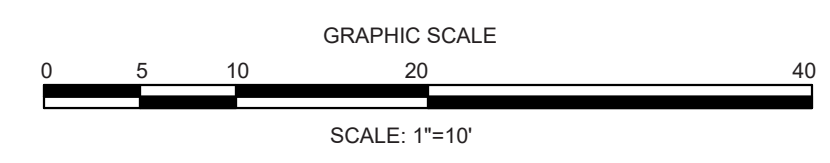
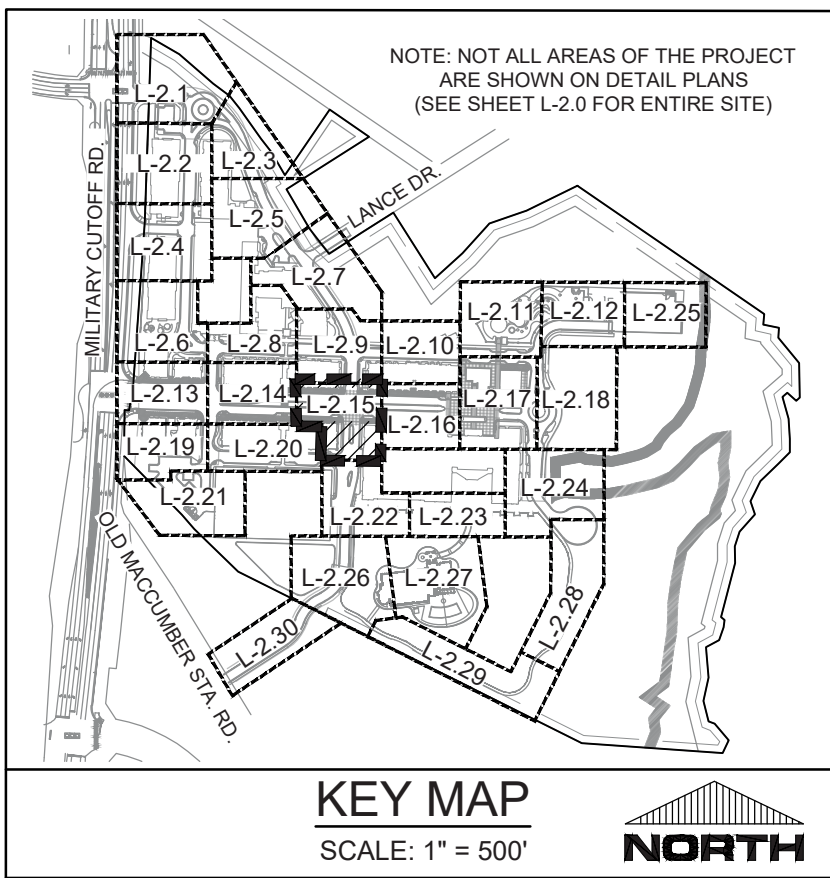








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**REVISIONS:**

3/10/2022	APPROVED ADMINISTRATIVE MODIFICATION
-----------	--------------------------------------

**CLIENT INFORMATION:**

**PARAMOUNT ENGINEERING, INC.**  
122 Gemma Drive  
Wilmington, North Carolina 28403  
(910) 791-6707 (O) (910) 791-6700 (F)  
N.C. License #: C-2846

**LANDSCAPE CONSTRUCTION DETAIL PLAN**  
**CARROLL AT THE AVENUE**  
**MILITARY CUTOFF RD.**  
**WILMINGTON, NC 28405**

**PROJECT STATUS:**  
ORIGINAL LAYOUT: [ ]  
FINAL DESIGN: [ ]  
RELEASED FOR CONSTRUCTION: [ ]

**DRAWING INFORMATION:**  
DATE: 06/23/23  
SCALE: 1" = 10'  
DRAWN BY: [ ]  
CHECKED BY: [ ]

**SEAL:**  
NORTH CAROLINA REGISTERED PROFESSIONAL ENGINEER  
1980  
06/23/23  
W. MICHAEL HIGDON

**L-2.15**

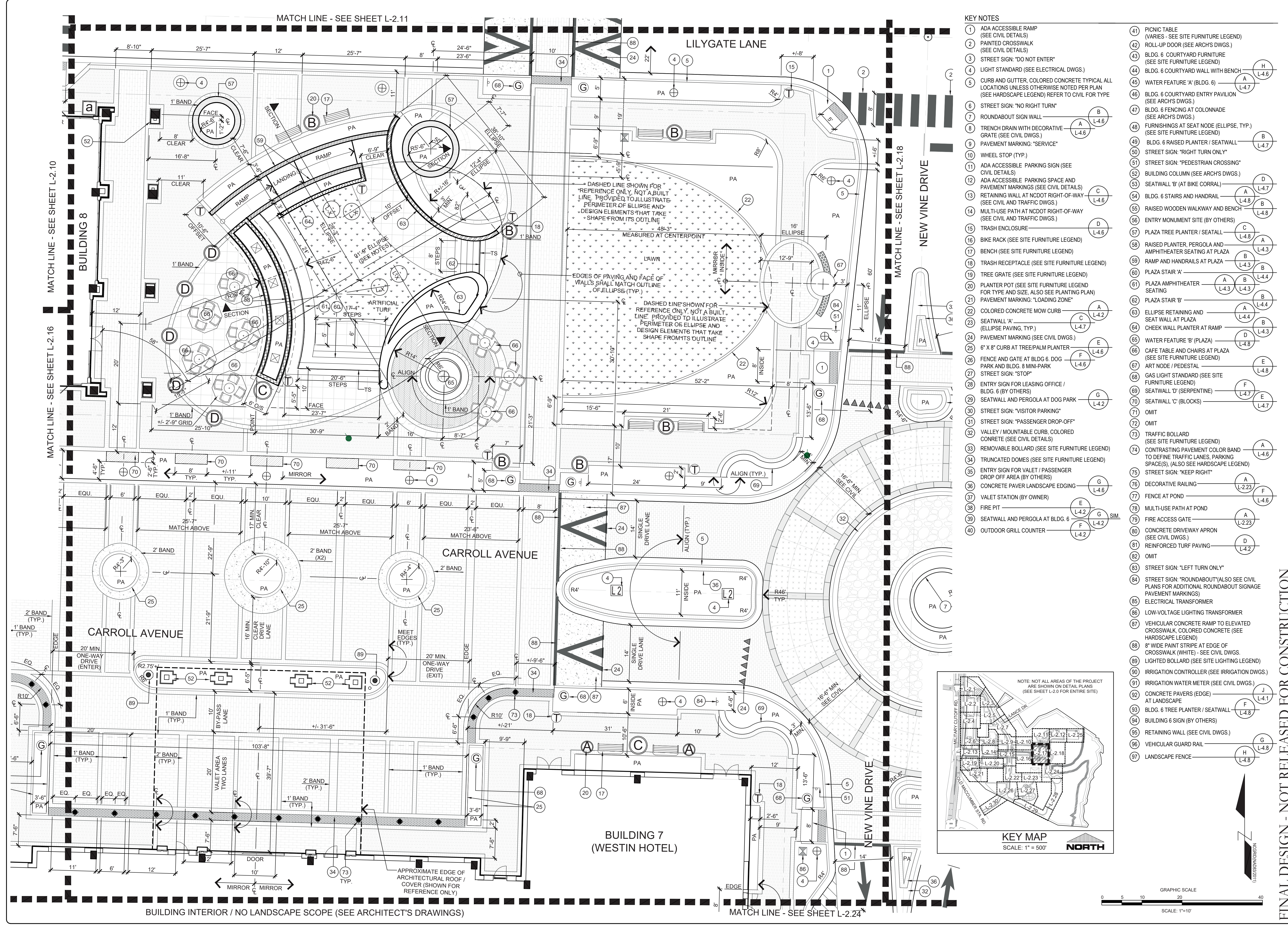
PEI JOB#: 18473.PE

FINAL DESIGN - NOT RELEASED FOR CONSTRUCTION

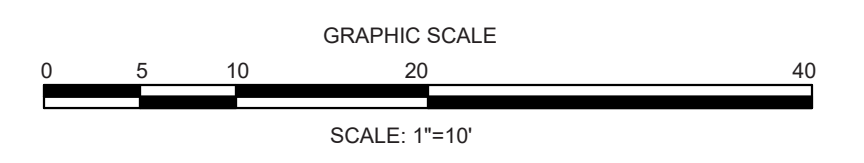
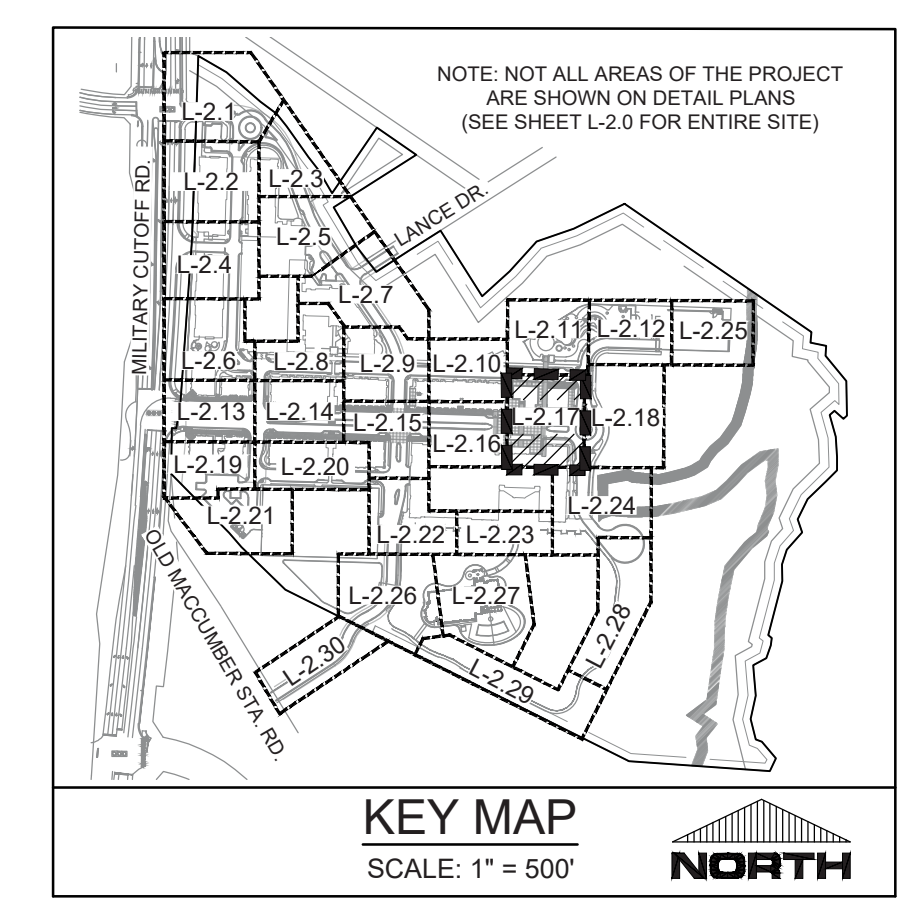








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  - 57 PLAZA TREE PLANTER / SEATWALL
  - 58 RAISED PLANTER, PERGOLA AND AMPHITHEATER SEATING AT PLAZA
  - 59 RAMP AND HANDRAILS AT PLAZA
  - 60 PLAZA STAIR 'A'
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  - 63 ELLIPSE RETAINING AND SEAT WALL AT PLAZA
  - 64 CHEEK WALL PLANTER AT RAMP
  - 65 WATER FEATURE 'B' (PLAZA)
  - 66 CAFE TABLE AND CHAIRS AT PLAZA (SEE SITE FURNITURE LEGEND)
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  - 68 GAS LIGHT STANDARD (SEE SITE FURNITURE LEGEND)
  - 69 SEATWALL 'D' (SERPENTINE)
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  - 71 OMIT
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  - 73 TRAFFIC BOLLARD (SEE SITE FURNITURE LEGEND)
  - 74 CONTRASTING PAVEMENT COLOR BAND TO DEFINE TRAFFIC LANES, PARKING SPACE(S). (ALSO SEE HARDSCAPE LEGEND)
  - 75 STREET SIGN: "KEEP RIGHT"
  - 76 DECORATIVE RAILING
  - 77 FENCE AT POND
  - 78 MULTI-USE PATH AT POND
  - 79 FIRE ACCESS GATE
  - 80 CONCRETE DRIVEWAY APRON (SEE CIVIL DWGS.)
  - 81 REINFORCED TURF PAVING
  - 82 OMIT
  - 83 STREET SIGN: "LEFT TURN ONLY"
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  - 85 ELECTRICAL TRANSFORMER
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  - 87 VEHICULAR CONCRETE RAMP TO ELEVATED CROSSWALK, COLORED CONCRETE (SEE HARDSCAPE LEGEND)
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  - 97 LANDSCAPE FENCE



**REVISIONS:**

3/10/2022	APPROVED ADMINISTRATIVE MODIFICATION
-----------	--------------------------------------

**CLIENT INFORMATION:**

**PARAMOUNT ENGINEERING, INC.**  
 122 Cinema Drive  
 Wilmington, North Carolina 28403  
 (910) 791-6707 (O) (910) 791-6760 (F)  
 N.C. License #: C-2846

**LANDSCAPE CONSTRUCTION DETAIL PLAN**  
**CARROLL AT THE AVENUE**  
**MILITARY CUTOFF RD.**  
**WILMINGTON, NC 28405**

**PROJECT STATUS:**  
 ORIGINAL LAYOUT: 08/22/2020  
 FINAL DESIGN: 06/23/23  
 RELEASED FOR CONSTRUCTION: 06/23/23

**DRAWING INFORMATION:**  
 DATE: 06/23/23  
 SCALE: 1"=20'  
 11/02/2020/MS/CON  
 11/02/2020/MS/CON  
 CHECKED: [Signature]

**SEAL:**  
 NORTH CAROLINA PROFESSIONAL ENGINEER  
 19890  
 06/23/23  
 WILMAE HIGDON, P.E.

**L-2.17**

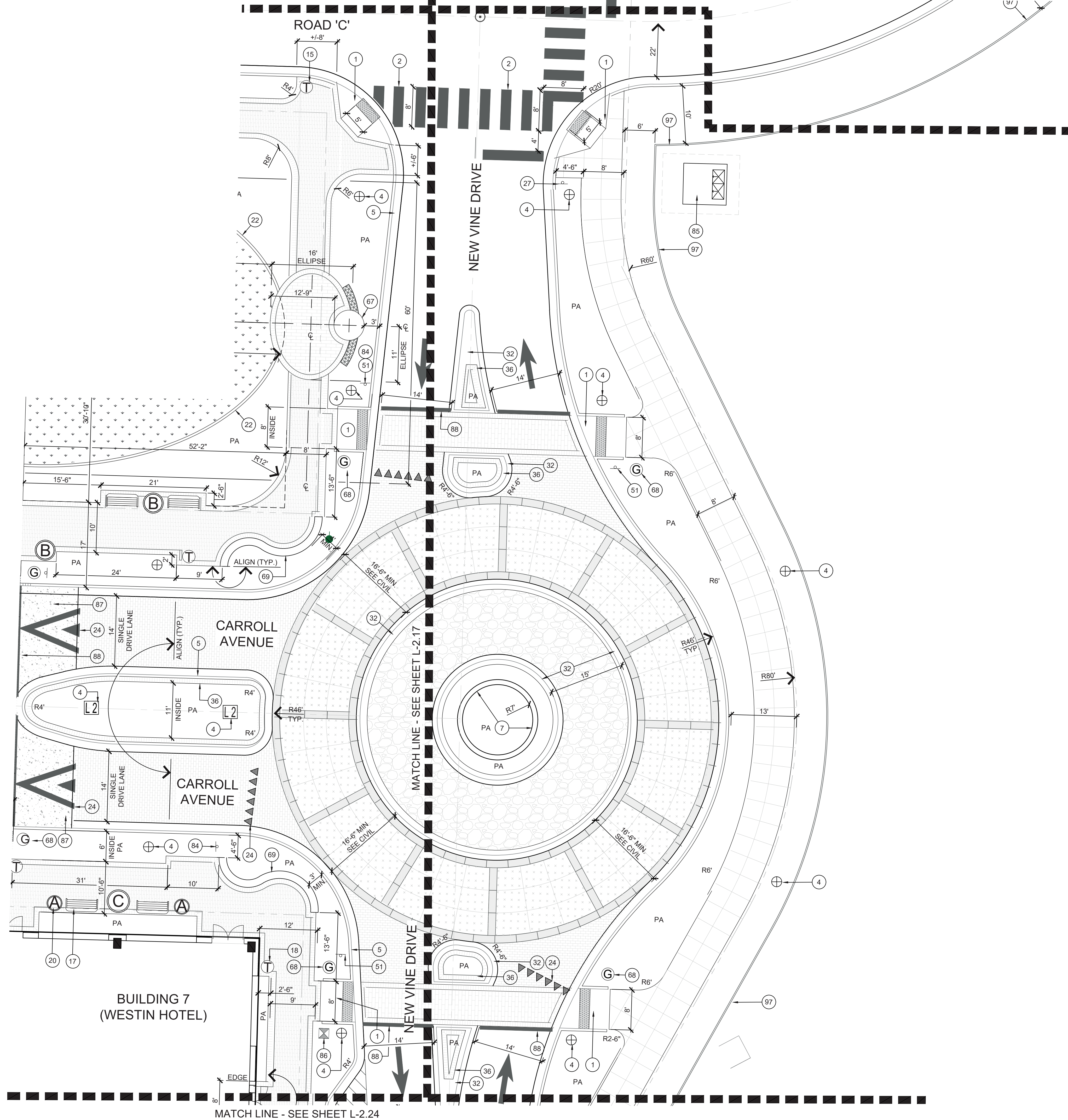
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FINAL DESIGN - NOT RELEASED FOR CONSTRUCTION



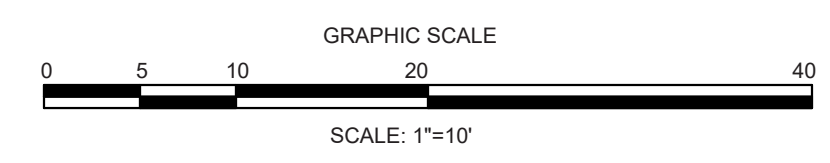
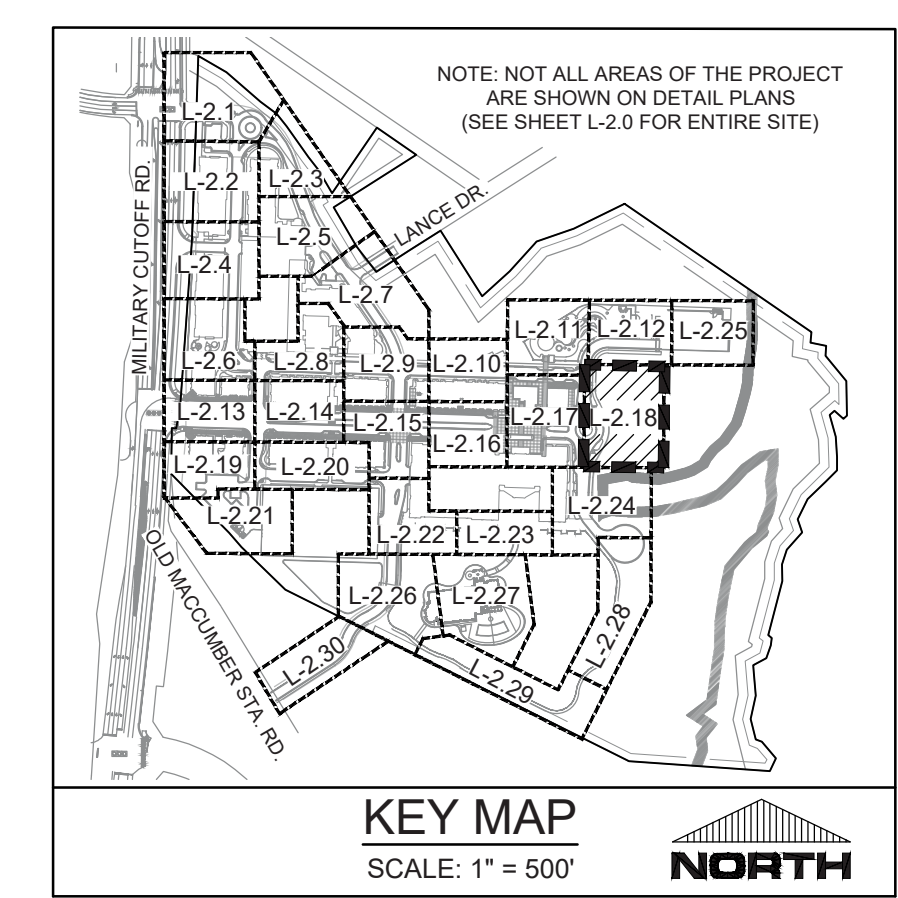
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MATCH LINE - SEE SHEET L-2.12



KEY NOTES

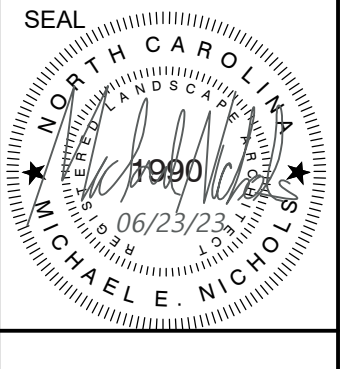
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- 11 ADA ACCESSIBLE PARKING SIGN (SEE CIVIL DETAILS)
- 12 ADA ACCESSIBLE PARKING SPACE AND PAVEMENT MARKINGS (SEE CIVIL DETAILS)
- 13 RETAINING WALL AT NCDOT RIGHT-OF-WAY (SEE CIVIL AND TRAFFIC DWGS.)
- 14 MULTI-USE PATH AT NCDOT RIGHT-OF-WAY (SEE CIVIL AND TRAFFIC DWGS.)
- 15 TRASH ENCLOSURE
- 16 BIKE RACK (SEE SITE FURNITURE LEGEND)
- 17 BENCH (SEE SITE FURNITURE LEGEND)
- 18 TRASH RECEPTACLE (SEE SITE FURNITURE LEGEND)
- 19 TREE GRATE (SEE SITE FURNITURE LEGEND)
- 20 PLANTER POT (SEE SITE FURNITURE LEGEND FOR TYPE AND SIZE, ALSO SEE PLANTING PLAN)
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- 36 CONCRETE PAVER LANDSCAPE EDGING
- 37 VALET STATION (BY OWNER)
- 38 FIRE PIT
- 39 SEATWALL AND PERGOLA AT BLDG. 6
- 40 OUTDOOR GRILL COUNTER
- 41 PICNIC TABLE (VARIES - SEE SITE FURNITURE LEGEND)
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FINAL DESIGN - NOT RELEASED FOR CONSTRUCTION

LANDSCAPE CONSTRUCTION  
 DETAIL PLAN  
 CARROLL AT THE AVENUE  
 MILITARY CUTOFF RD.  
 WILMINGTON, NC 28405

PROJECT STATUS  
 ORIGINAL LAYOUT:  
 FINAL DESIGN LAYOUT:  
 RELEASED FOR CONSTRUCTION:  
 DRAWING INFORMATION  
 DATE: 06/23/23  
 SCALE: 1" = 10'  
 DRAWING CHECKED:



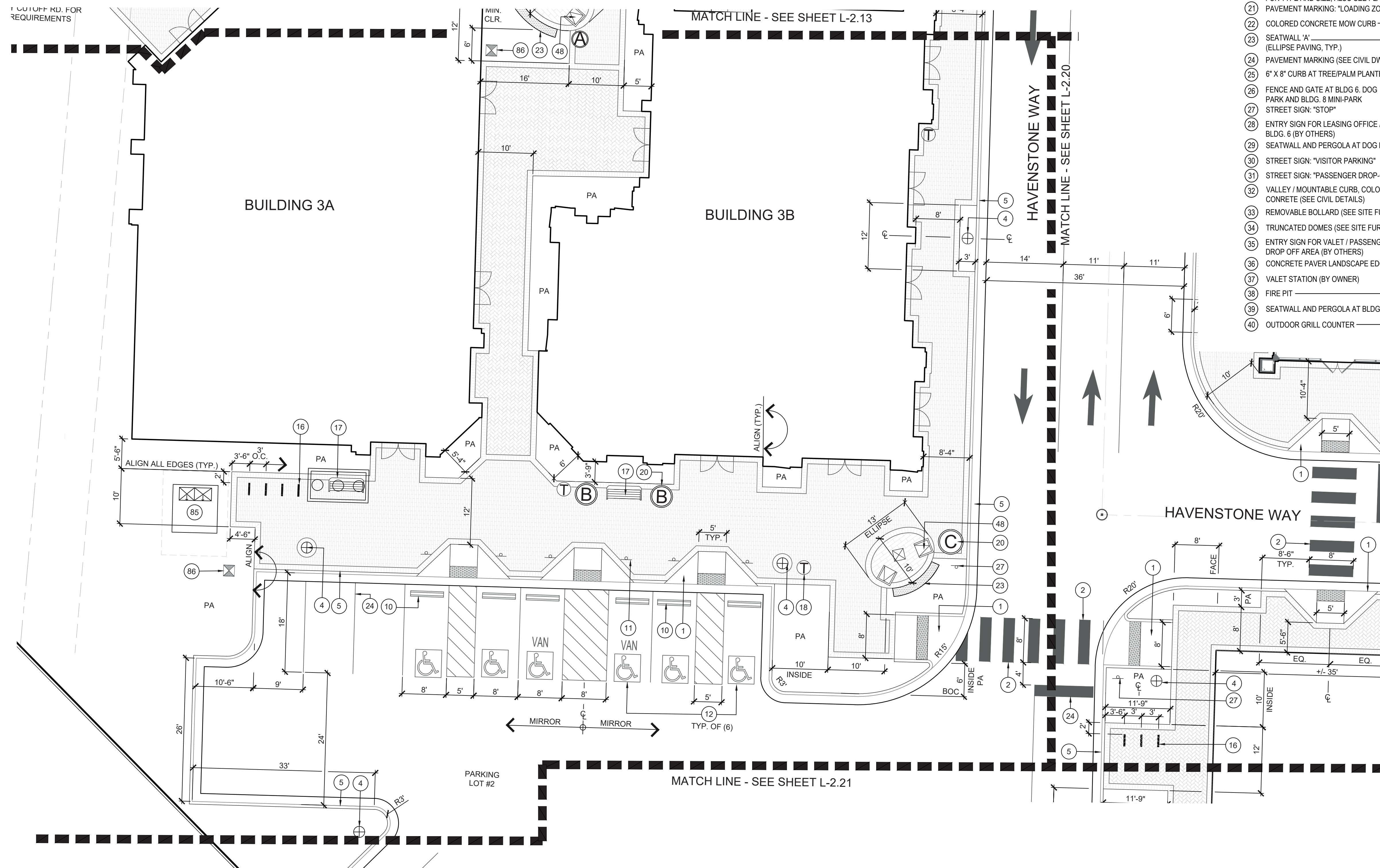
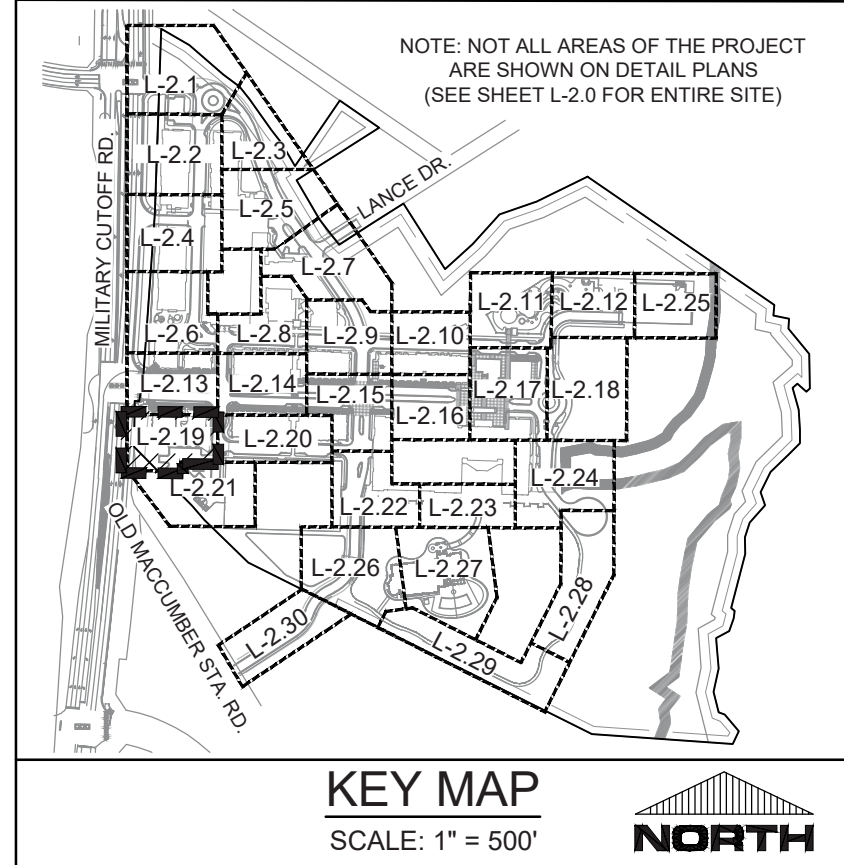
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REVISIONS:  
 APPROVED ADMINISTRATIVE MODIFICATION  
 3/10/2022

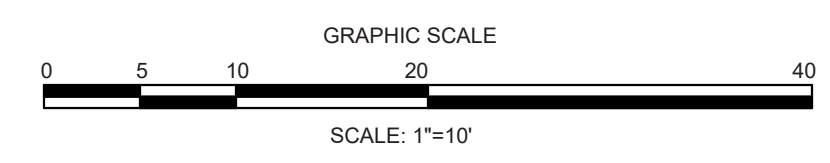
CLIENT INFORMATION:  
 CIP CONSTRUCTION COMPANY  
 201 NORTH ELM STREET, STE. 201  
 GREENSBORO, NC 27401

PARAMOUNT ENGINEERING, INC.  
 122 Cinema Drive  
 Wilmington, North Carolina 28403  
 (910) 791-6707 (O) (910) 791-6760 (F)  
 NC License #: C-2846





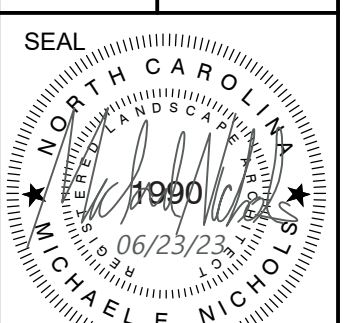
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FINAL DESIGN - NOT RELEASED FOR CONSTRUCTION

LANDSCAPE CONSTRUCTION  
DETAIL PLAN  
CARROLL AT THE AVENUE  
MILITARY CUTOFF RD.  
WILMINGTON, NC 28405

PROJECT STATUS  
ORIGINAL LAYOUT:  
FINAL DESIGN:  
RELEASED FOR CONSTRUCTION:  
DRAWING INFORMATION  
DATE: 06/23/23  
SCALE: 1" = 20'  
1" = 20' MIN. MAX. MIN. MAX.  
DRAWN BY: CA  
CHECKED BY: JN



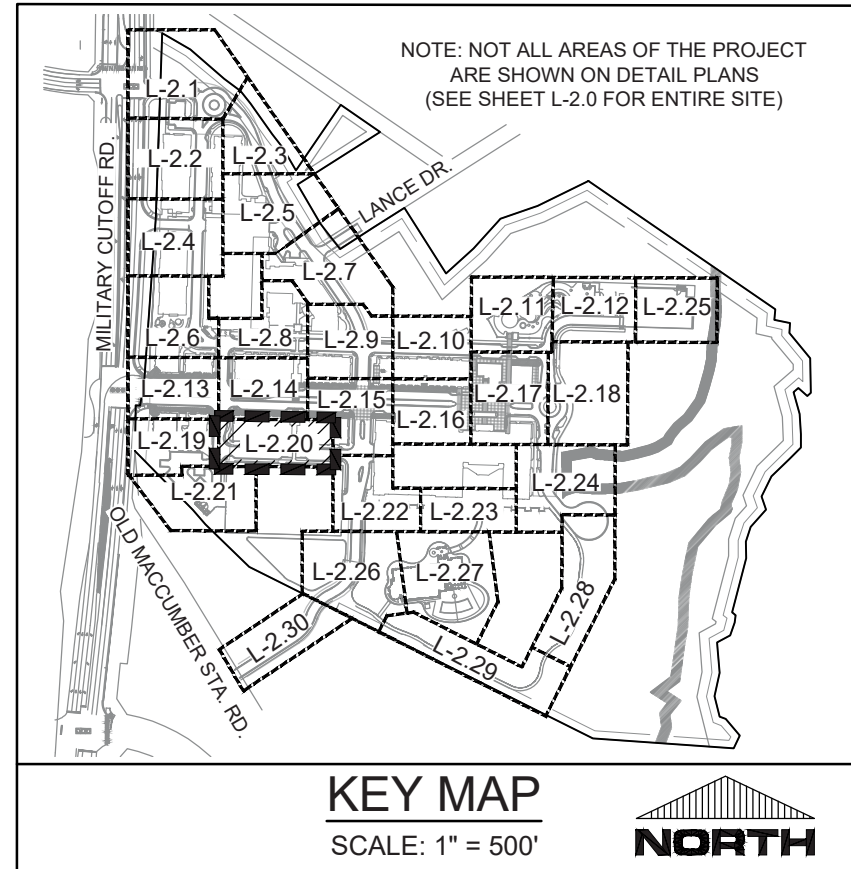
L-2.19  
PEI JOB#: 18473.PE

REVISIONS:  
APPROVED ADMINISTRATIVE MODIFICATION  
3/10/2022

CLIENT INFORMATION:  
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201 NORTH ELM STREET, STE. 201  
GREENSBORO, NC 27401

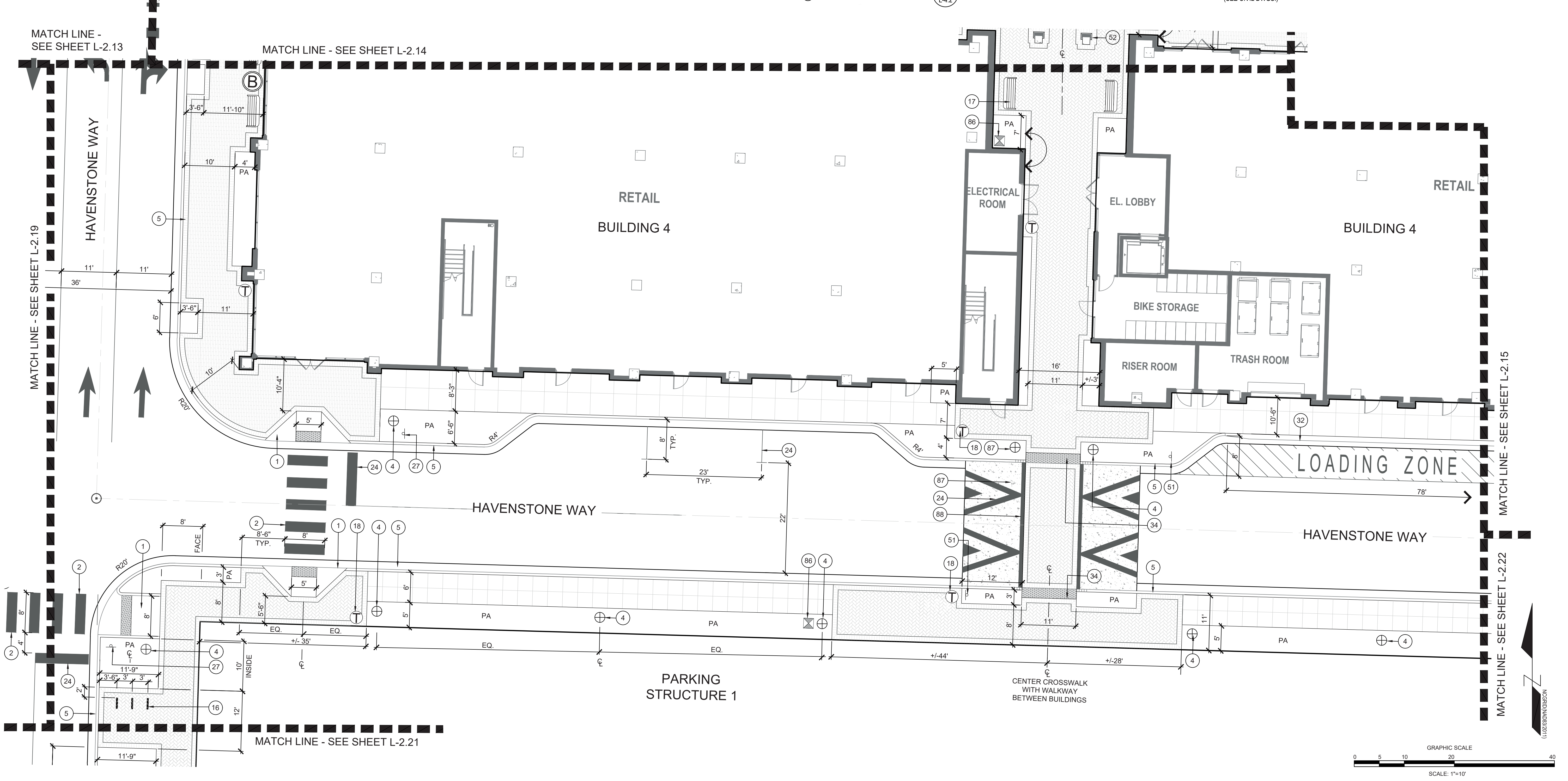
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**KEY NOTES**

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- 88 8" WIDE PAINT STRIPE AT EDGE OF CROSSWALK (WHITE) - SEE CIVIL DWGS.
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- 90 IRRIGATION CONTROLLER (SEE IRRIGATION DWGS.)
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- 93 BLDG. 6 TREE PLANTER / SEATWALL
- 94 BUILDING 6 SIGN (BY OTHERS)
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- 96 VEHICULAR GUARD RAIL
- 97 LANDSCAPE FENCE



FINAL DESIGN - NOT RELEASED FOR CONSTRUCTION

3/10/2022

REVISIONS:  
# APPROVED ADMINISTRATIVE MODIFICATION

CLIENT INFORMATION:  
CIP CONSTRUCTION COMPANY  
201 NORTH ELM STREET, STE. 201  
GREENSBORO, NC 27401

PROJECT STATUS:  
ORIGINAL LAYOUT:  
FINAL DESIGN:  
RELEASED FOR CONSTRUCTION

DRAWING INFORMATION:  
DATE: 08/23/2022  
SCALE: 1" = 10'  
DRAWN BY: [Signature]  
CHECKED: [Signature]

LANDSCAPE CONSTRUCTION  
DETAIL PLAN  
CARROLL AT THE AVENUE  
MILITARY CUTOFF RD.  
WILMINGTON, NC 28405

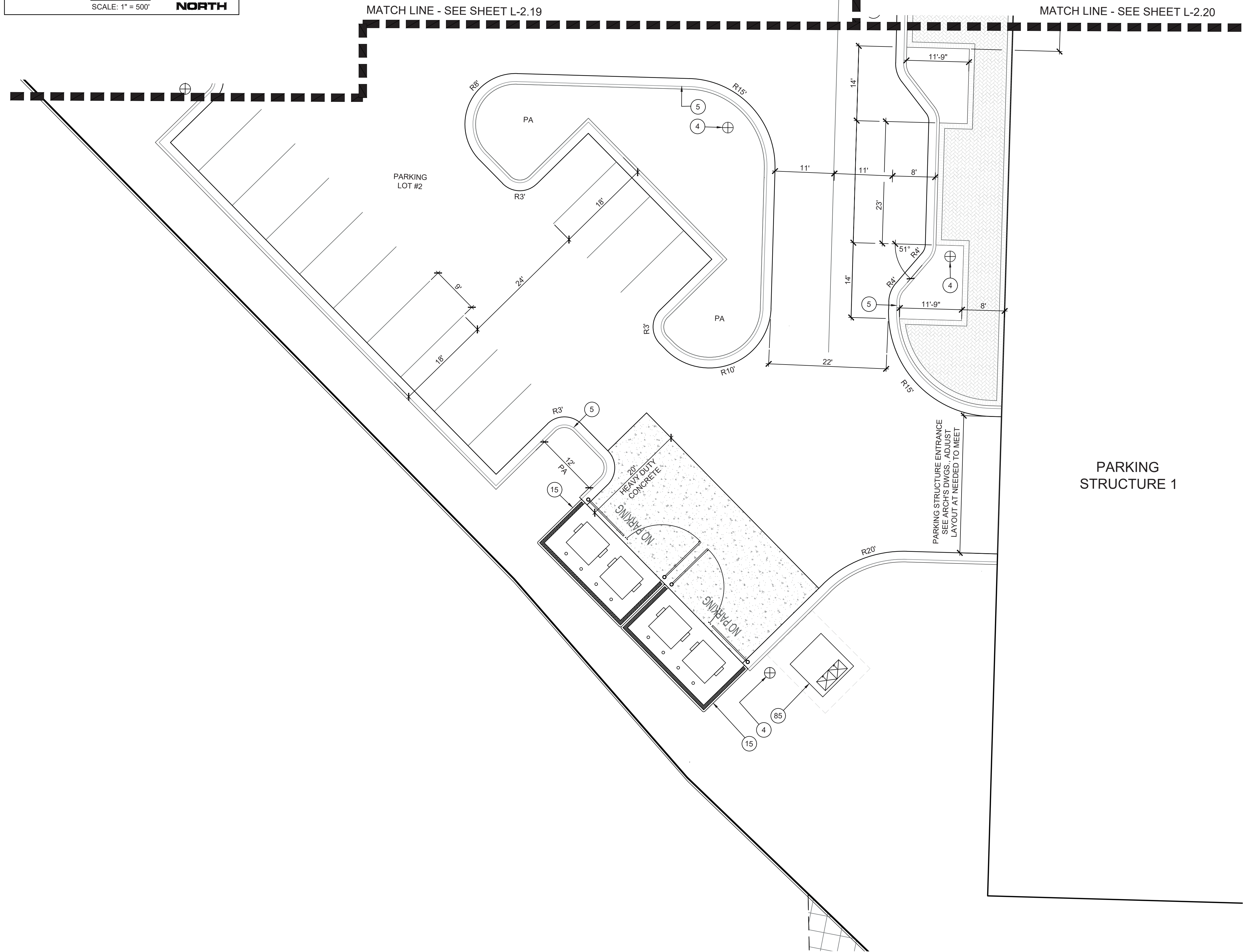
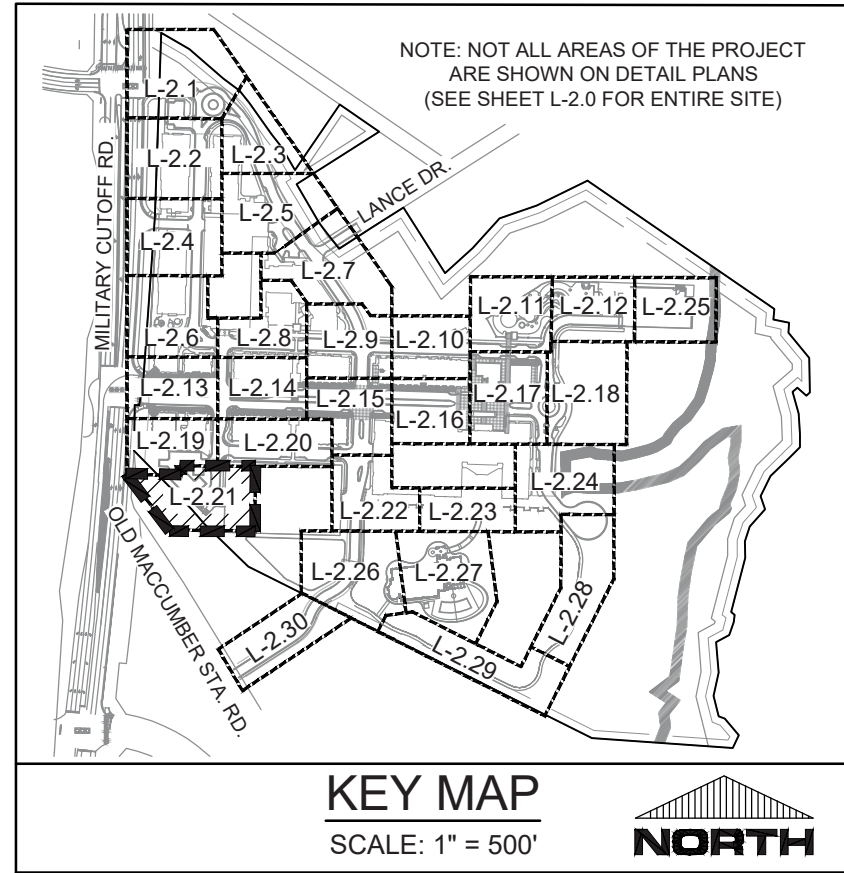
PARAMOUNT ENGINEERING, INC.  
122 Cinema Drive  
Wilmington, North Carolina 28403  
(910) 791-6707 (O) (910) 791-6760 (F)  
N.C. License #: C-2846

SEAL  
NORTH CAROLINA  
REGISTERED PROFESSIONAL ENGINEER  
06/23/23  
MICHAEL HIGDON

L-2.20

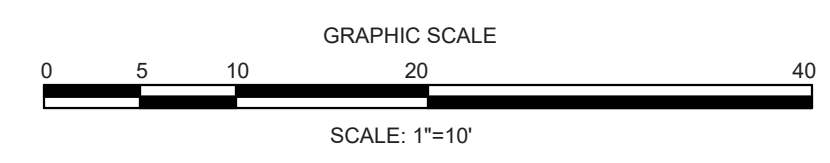
PEI JOB#: 18473.PE





**KEY NOTES**

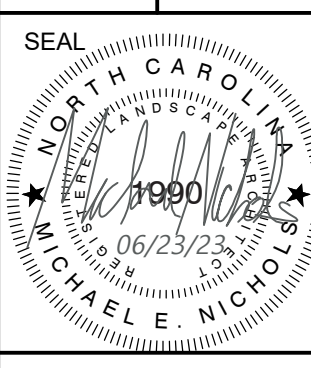
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DETAIL PLAN  
CARROLL AT THE AVENUE  
MILITARY CUTOFF RD.  
WILMINGTON, NC 28405

PROJECT STATUS  
ORIGINAL LAYOUT:  
FINAL DESIGN:  
RELEASED FOR CONSTRUCTION:  
DATE: 06/23/23  
SCALE: 1" = 10'  
DRAWN BY: MICHAEL NICHOLS  
CHECKED:



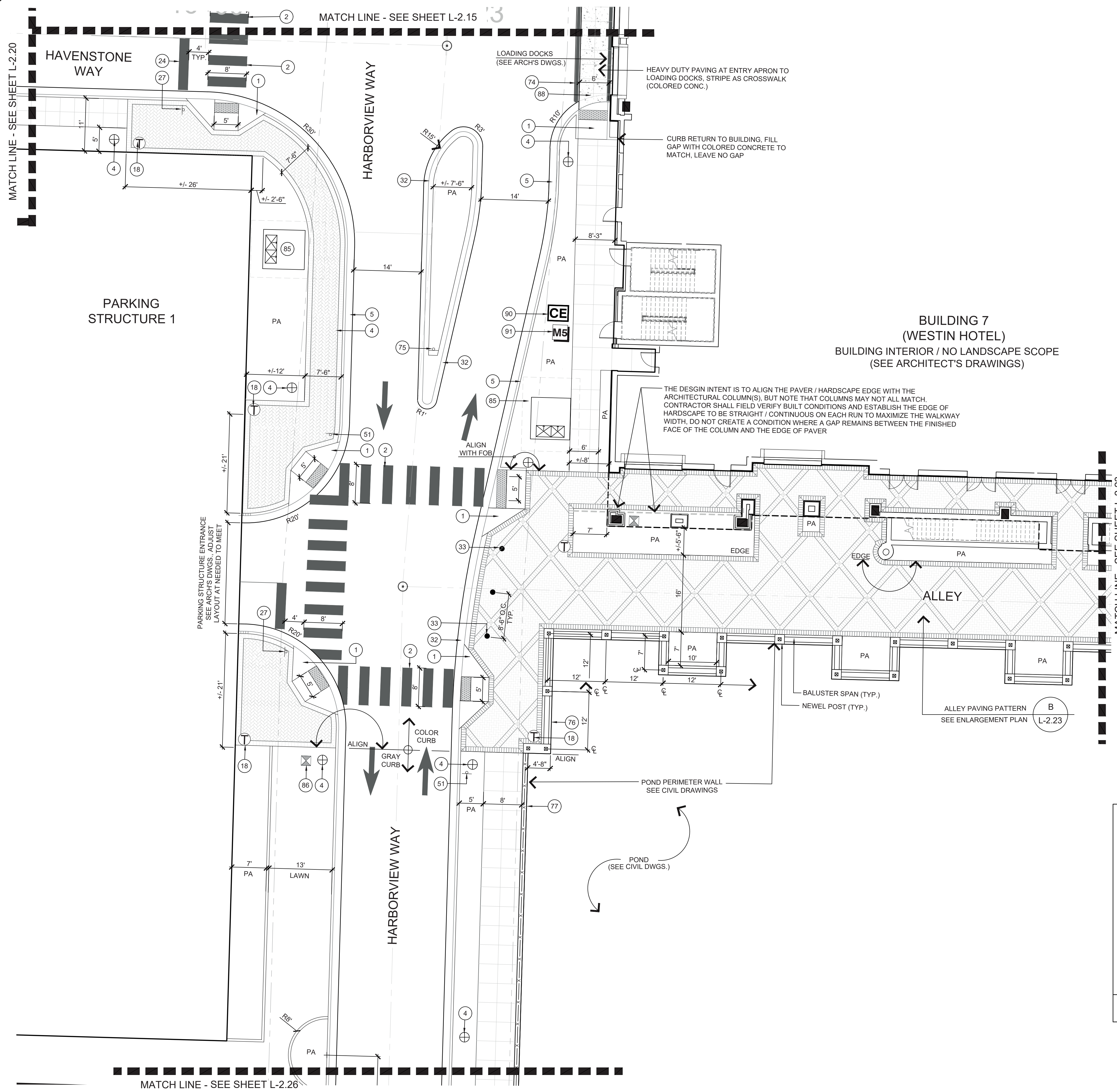
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REVISIONS:  
APPROVED ADMINISTRATIVE MODIFICATION  
3/10/2022

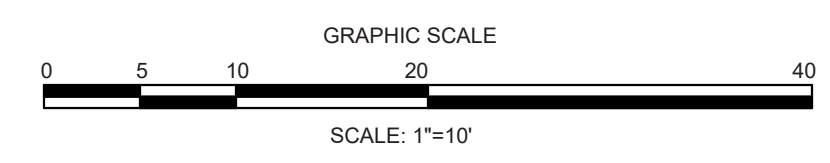
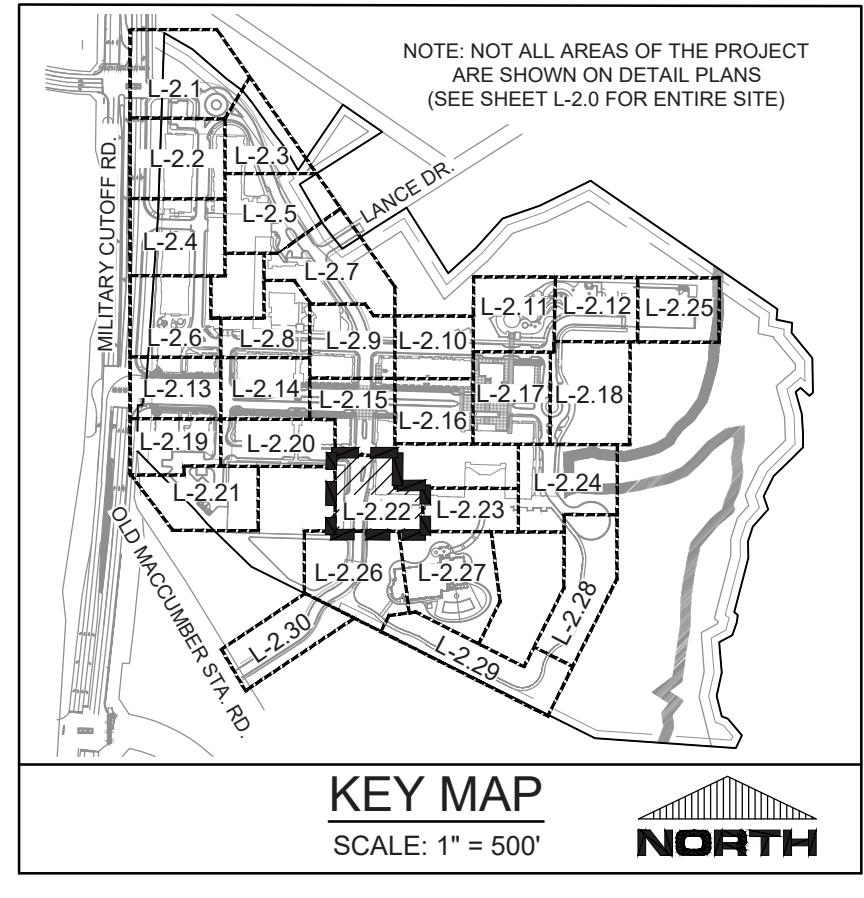
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**FINAL DESIGN - NOT RELEASED FOR CONSTRUCTION**

**LANDSCAPE CONSTRUCTION  
DETAIL PLAN  
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MILITARY CUTOFF RD.  
WILMINGTON, NC 28405**

PROJECT STATUS:  
ORIGINAL LAYOUT:  
FINAL DESIGN:  
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DRAWING INFORMATION:  
DATE: 06/23/23  
SCALE: 1"=10'  
DRAWN BY: JAC  
CHECKED BY: JAC

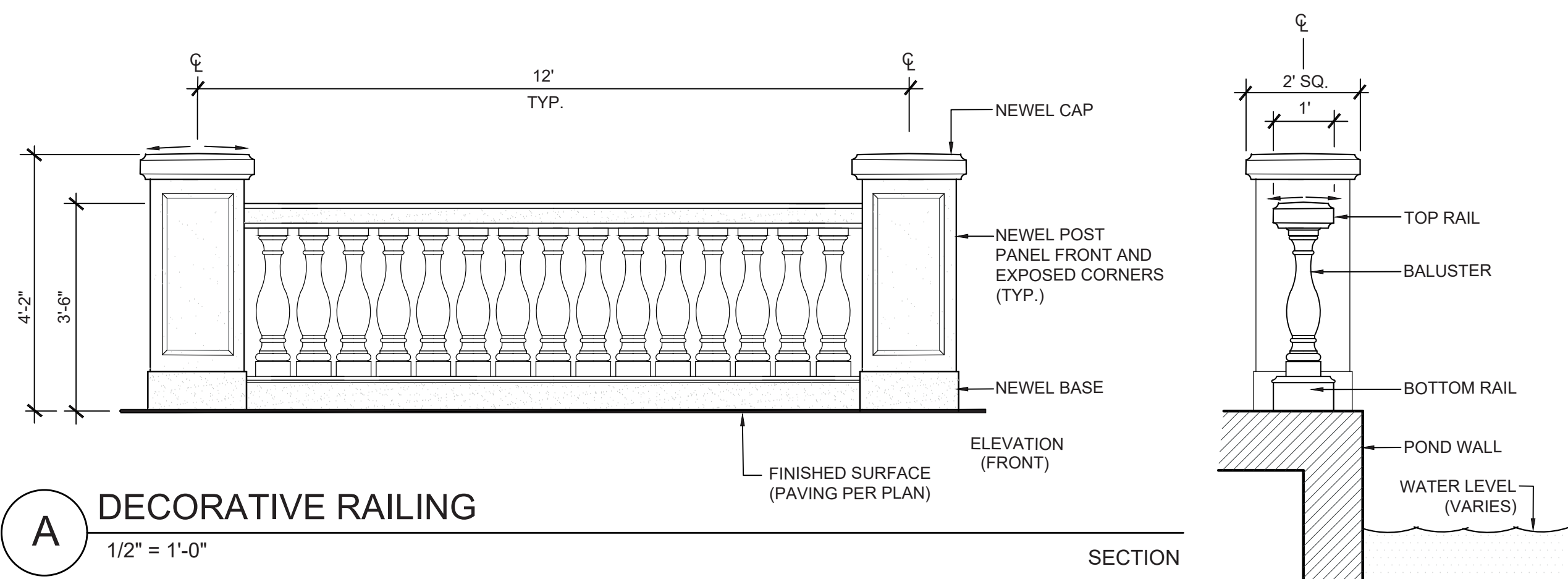
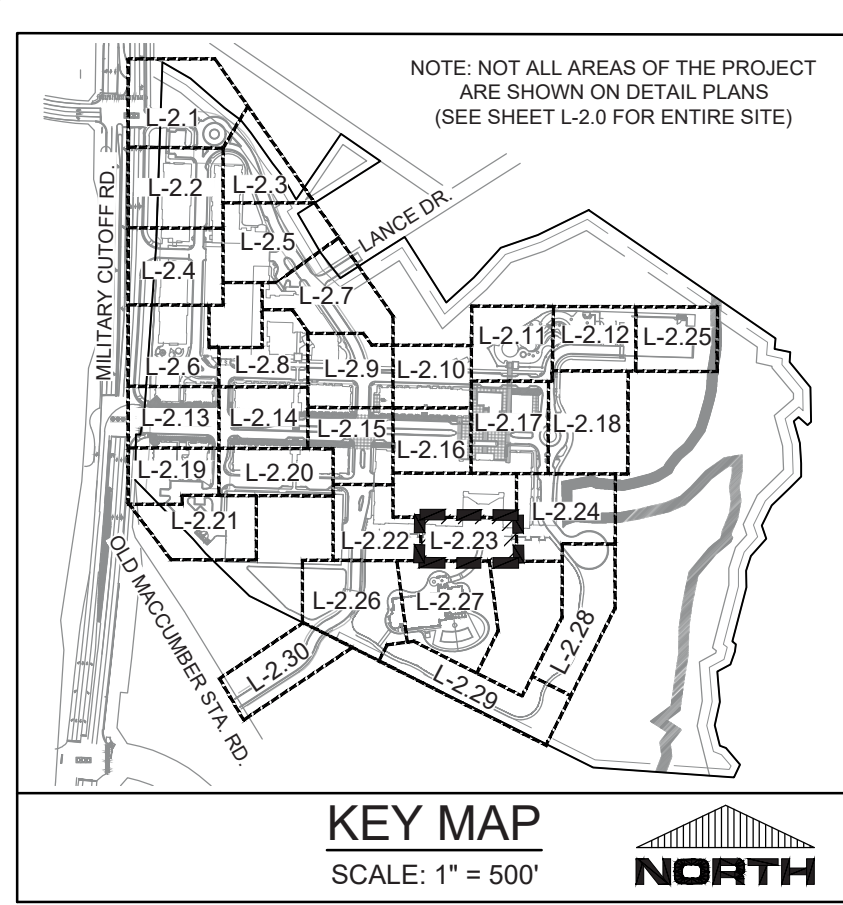
**PARAMOUNT ENGINEERING, INC.**  
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**CIP CONSTRUCTION COMPANY**  
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GREENSBORO, NC 27401

**L-2.22**

PEI JOB#: 18473.PE





**KEY NOTES**

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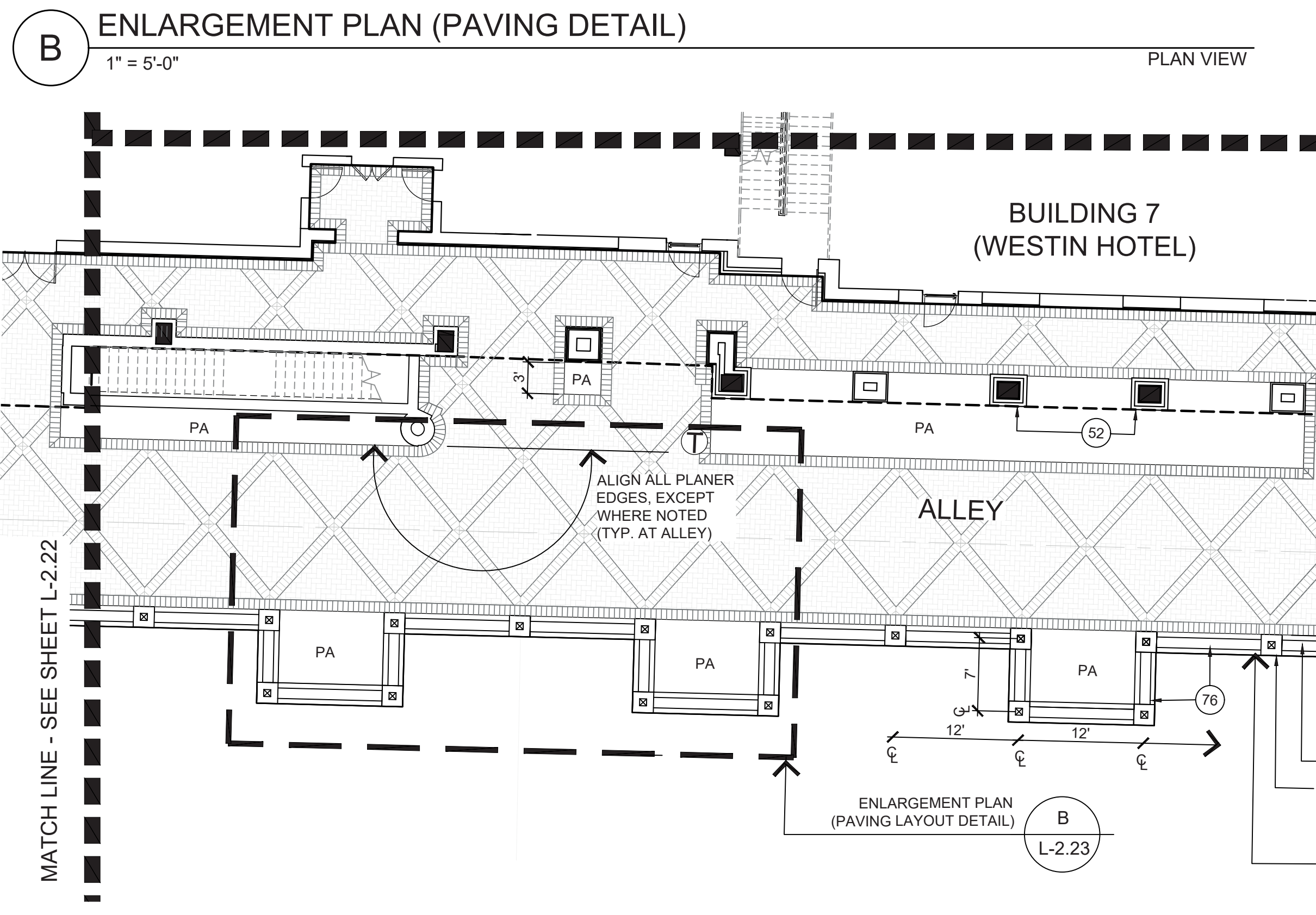
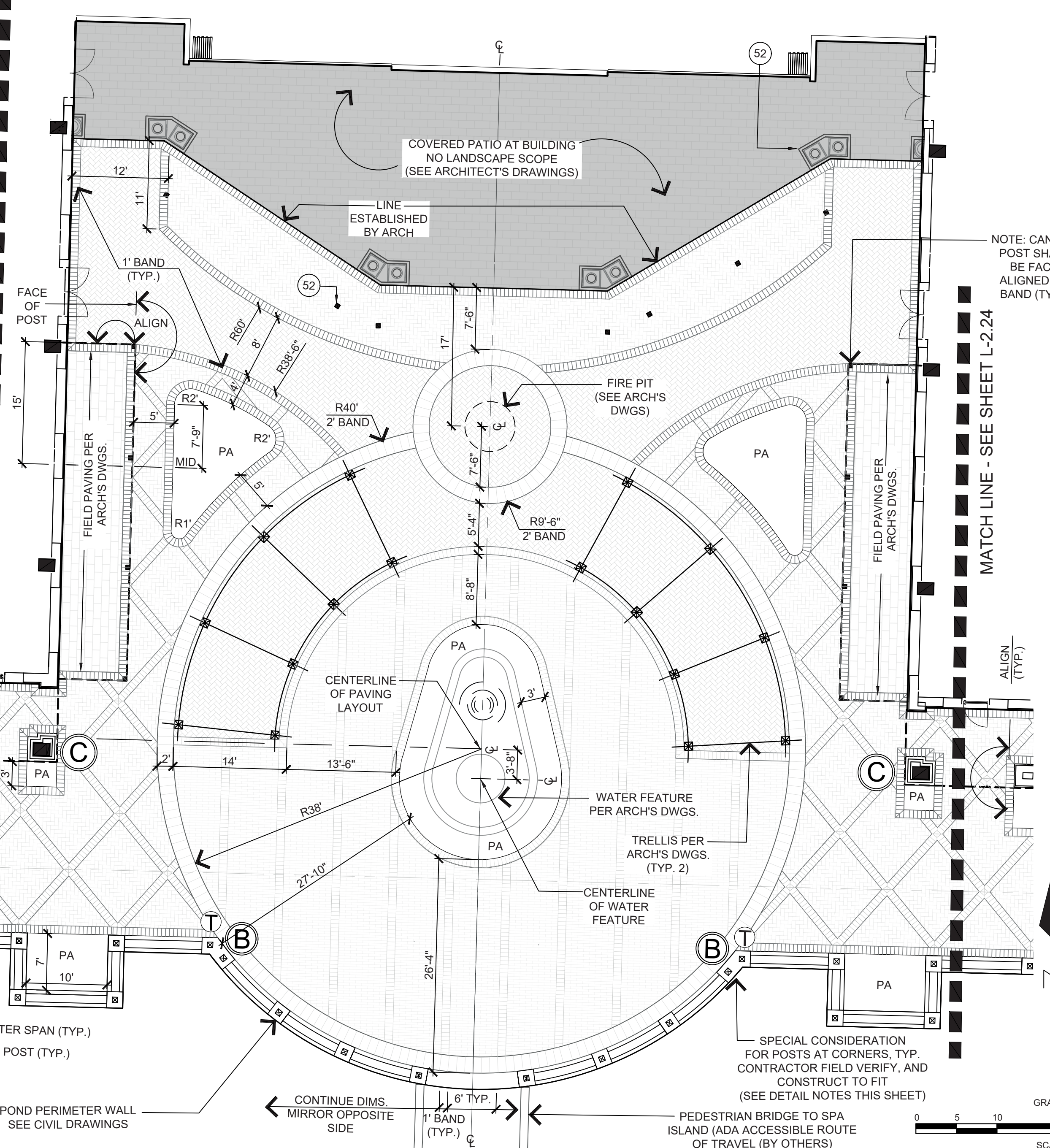
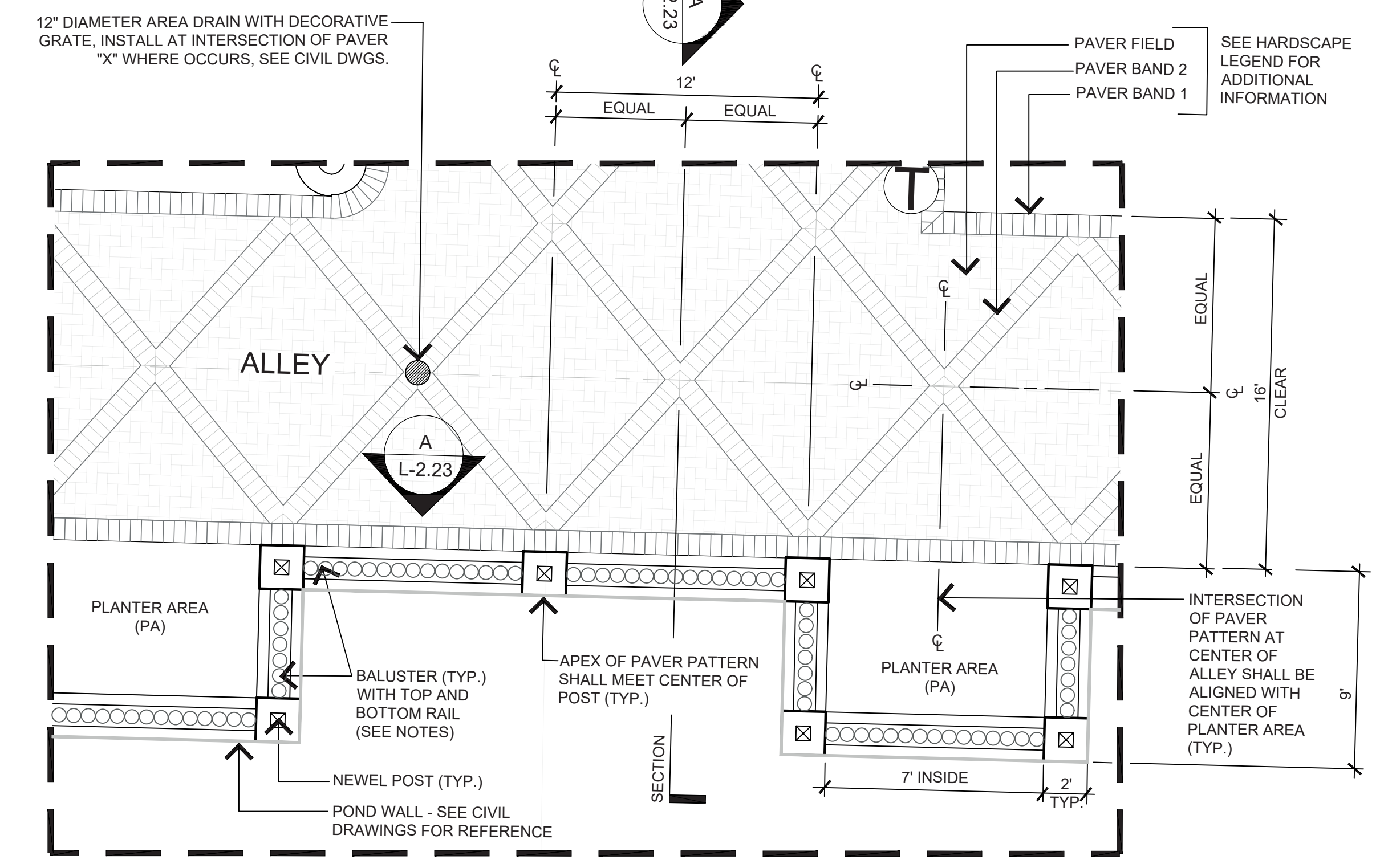
**DECORATIVE RAILING NOTES:**

1. ELEVATION AND SECTION PROVIDED FOR DESIGN REFERENCE. ALL MATERIALS SHALL BE "CAST STONE" AND MATCH ARCHITECTURE IN COLOR, SIZES AND CONSTRUCTION.
2. CONTRACTOR SHALL MAKE ADJUSTMENTS TO FIT LOCAL CONDITIONS. DIMENSIONS PROVIDED ARE BASED ON CONCEPTUAL DESIGN AND SUBJECT TO CHANGE BASED ENGINEERING DRAWINGS FOR POND WALL ON ACTUAL BUILT CONDITIONS. FIELD VERIFY. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS FOR APPROVAL PRIOR TO ORDERING MATERIALS. SEE ARCHITECT'S PLANS FOR DETAILS ON BALUSTRADE AND POSTS FOR BASIS OF DESIGN.
3. MATERIALS SHALL BE NATURAL, NO SYNTHETIC, FIBERGLASS OR OTHER SIMILAR PRODUCTS.

**PLAN NOTES:**

1. REFER TO ARCHITECT'S PLANS FOR ADDITIONAL INFORMATION.
2. ALL SITE FURNISHINGS, PLANTER POTS, ELECTRICAL, LIGHTING (OTHER THAN LOW-VOLTAGE LANDSCAPE LIGHTING), STRUCTURES SHALL BE PER ARCHITECT'S PLANS. DUE TO THE NON-UNIFORM OR IRREGULAR SPACING OF BUILDING COLUMNS AND PROPOSED IMPROVEMENTS THE "X" PATTERN PROPOSED WITH THE PAVER DESIGN MAY NEED TO BE FIELD ADJUSTED TO FIT THE DESIGN INTENT ILLUSTRATED ON THE PLANS. IF BUILT CONDITIONS IN THE FIELD CAUSE ADJUSTMENTS, CONTRACTOR SHALL CONTACT LANDSCAPE ARCHITECT PRIOR TO MAKING CHANGES TO DISCUSS OPTIONS AND MAKING CHANGES TO THE DESIGN.

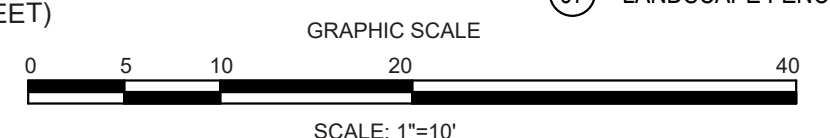
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84. STREET SIGN: "ROUNDABOUT" (ALSO SEE CIVIL PLANS FOR ADDITIONAL ROUNDABOUT SIGNAGE PAVEMENT MARKINGS)
85. ELECTRICAL TRANSFORMER
86. LOW-VOLTAGE LIGHTING TRANSFORMER
87. VEHICULAR CONCRETE RAMP TO ELEVATED CROSSWALK, COLORED CONCRETE (SEE HARDSCAPE LEGEND)
88. 8" WIDE PAINT STRIPE AT EDGE OF CROSSWALK (WHITE) - SEE CIVIL DWGS.
89. LIGHTED BOLLARD (SEE SITE LIGHTING LEGEND)
90. IRRIGATION CONTROLLER (SEE IRRIGATION DWGS.)
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92. CONCRETE PAVERS (EDGE) AT LANDSCAPE
93. BLDG. 6 TREE PLANTER / SEATWALL
94. BUILDING 6 SIGN (BY OTHERS)
95. RETAINING WALL (SEE CIVIL DWGS.)
96. VEHICULAR GUARD RAIL
97. LANDSCAPE FENCE



NOTE: CANOPY POST SHALL BE FACE ALIGNED ON BAND (TYP.)

MATCH LINE - SEE SHEET L-2.24

MATCH LINE - SEE SHEET L-2.22



**REVISIONS:**  
3/10/2022  
APPROVED ADMINISTRATIVE MODIFICATION

**CLIENT INFORMATION:**  
CIP CONSTRUCTION COMPANY  
201 NORTH ELM STREET, STE. 201  
GREENSBORO, NC 27401

**PARAMOUNT ENGINEERING, INC.**  
122 Cinema Drive  
Wilmington, North Carolina 28403  
(910) 791-6707 (O) (910) 791-6760 (F)  
N.C. License #: C-2846

**LANDSCAPE CONSTRUCTION DETAIL PLAN**  
CARROLL AT THE AVENUE  
MILITARY CUTOFF RD.  
WILMINGTON, NC 28405

**PROJECT STATUS:**  
ORIGINAL LAYOUT:  
FINAL DESIGN LAYOUT:  
RELEASED FOR CONSTRUCTION:

**DRAWING INFORMATION:**  
DATE: 08/23/2024  
SCALE: 1" = 10'  
DRAWN BY: [Name]  
CHECKED BY: [Name]

**SEAL:**  
NORTH CAROLINA  
REGISTERED PROFESSIONAL ENGINEER  
06/23/2024  
MICHAEL E. NICHOLS

**L-2.23**  
PEI JOB#: 18473.PE

FINAL DESIGN - NOT RELEASED FOR CONSTRUCTION



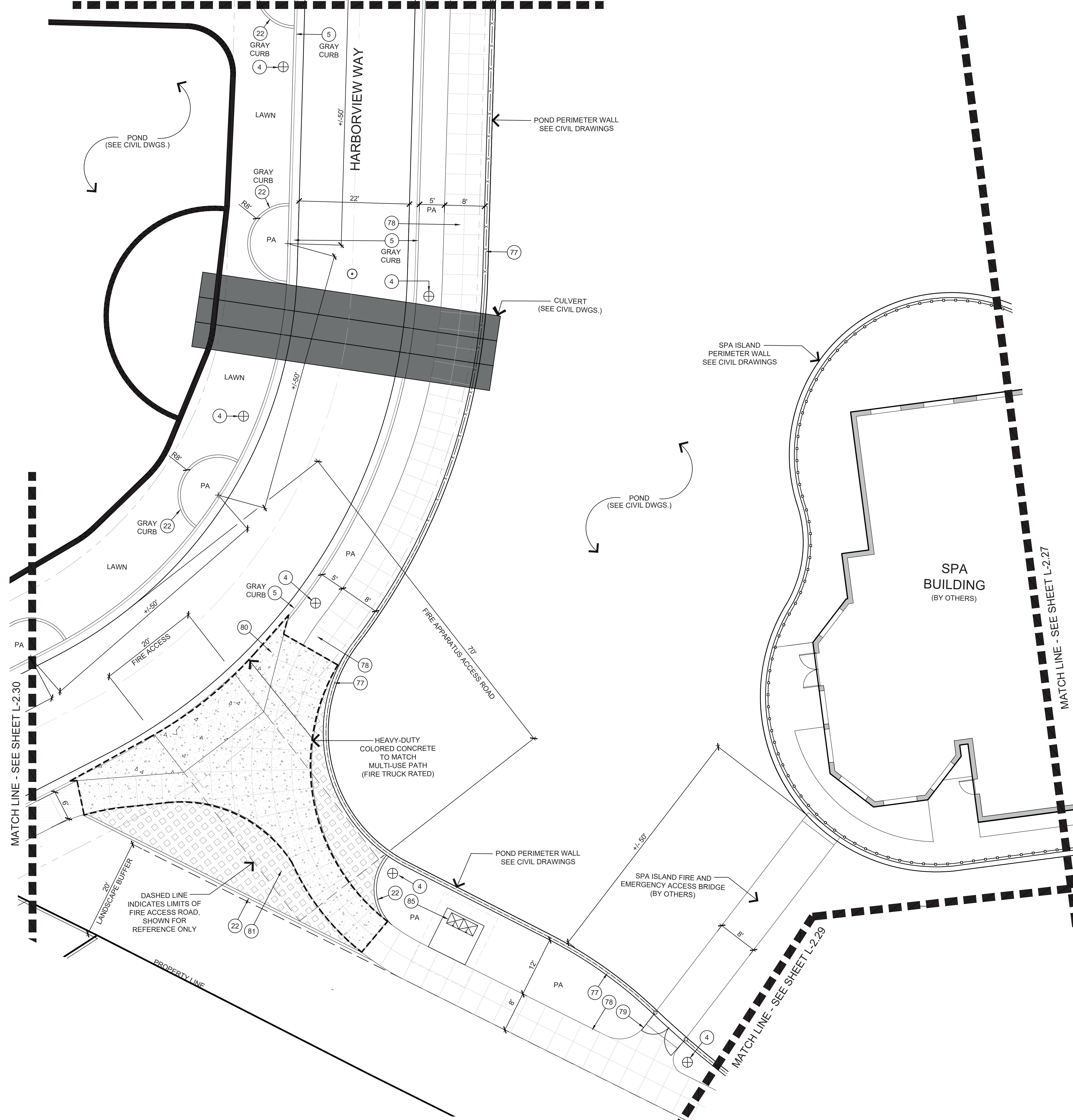






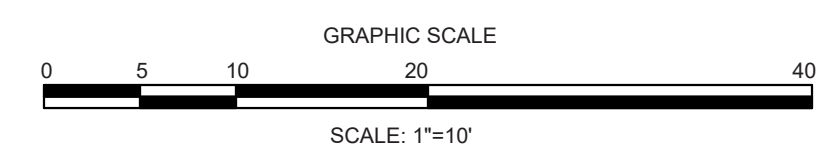
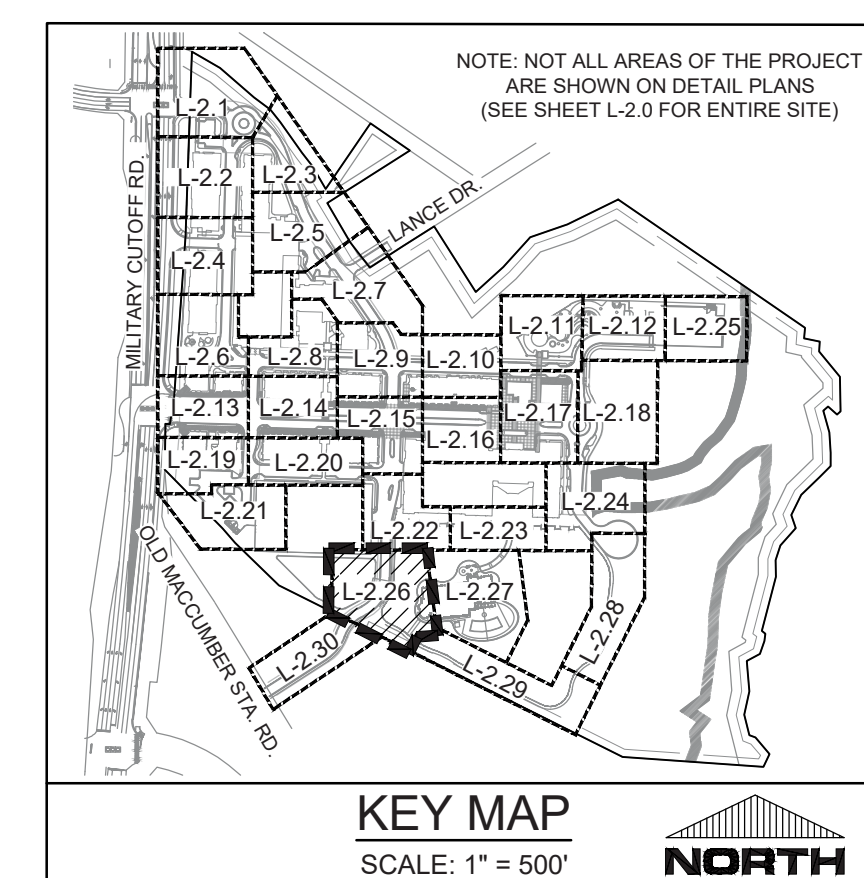


MATCH LINE - SEE SHEET L-2.22



KEY NOTES

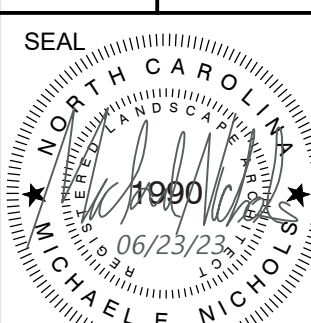
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LANDSCAPE CONSTRUCTION  
DETAIL PLAN  
CARROLL AT THE AVENUE  
MILITARY CUTOFF RD.  
WILMINGTON, NC 28405

PROJECT STATUS  
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FINAL DESIGN:  
RELEASED FOR CONSTRUCTION:  
DRAWING INFORMATION  
DATE: 08/23/2023  
SCALE: 1"=10'  
DRAWN BY: [Signature]  
CHECKED BY: [Signature]



L-2.26  
PEI JOB#: 18473.PE

REVISIONS:  
APPROVED ADMINISTRATIVE MODIFICATION  
3/10/2022

CLIENT INFORMATION:  
CIP CONSTRUCTION COMPANY  
201 NORTH ELM STREET, STE. 201  
GREENSBORO, NC 27401

PARAMOUNT ENGINEERING, INC.  
122 Cinema Drive  
Wilmington, North Carolina 28403  
(910) 791-6707 (O) (910) 791-6760 (F)  
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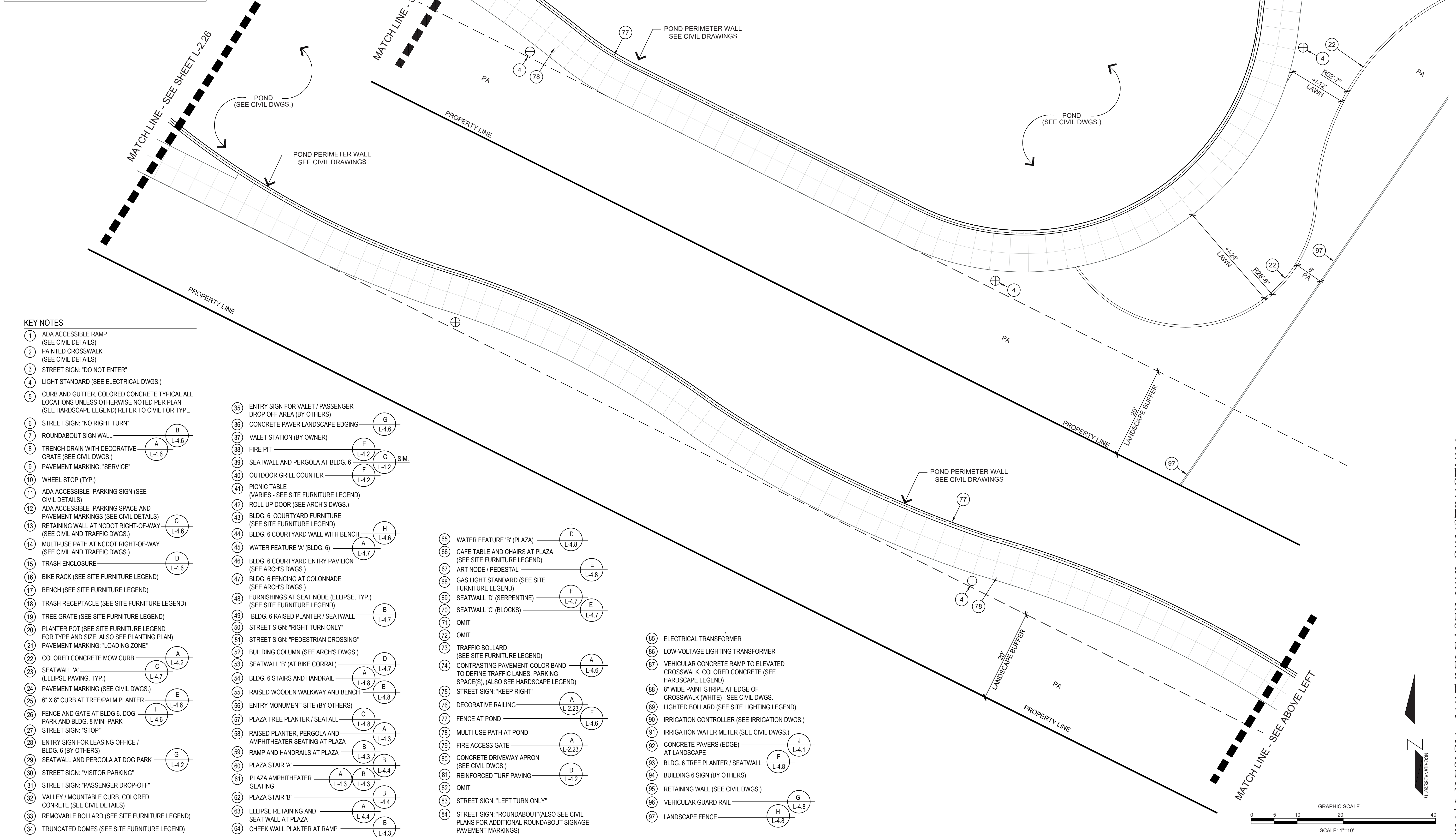
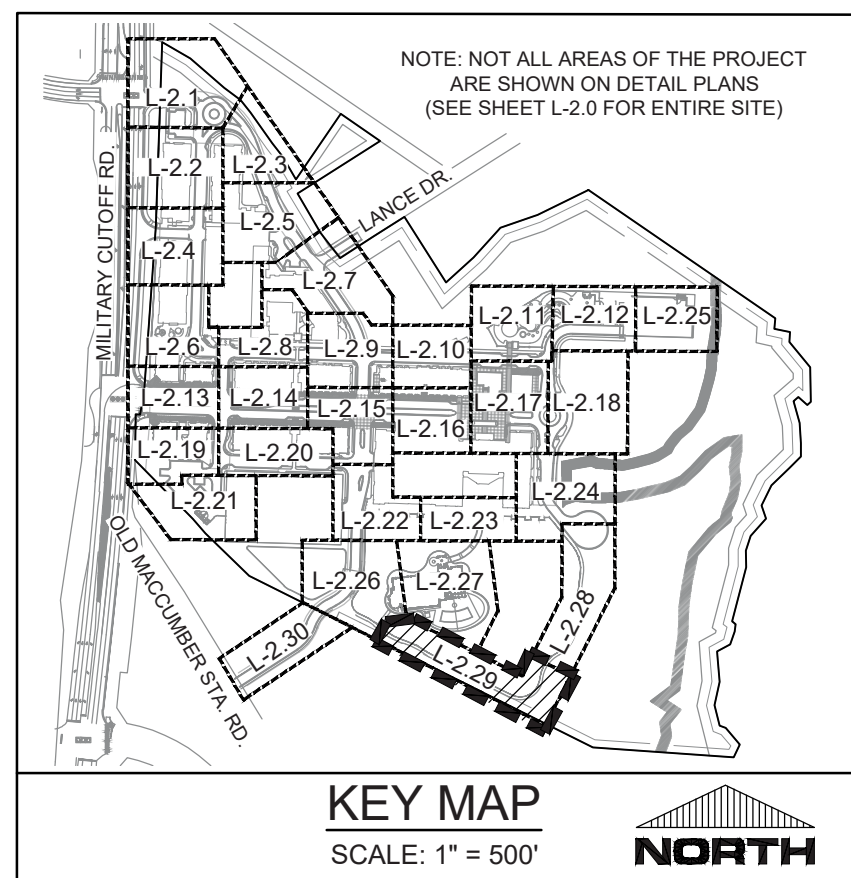










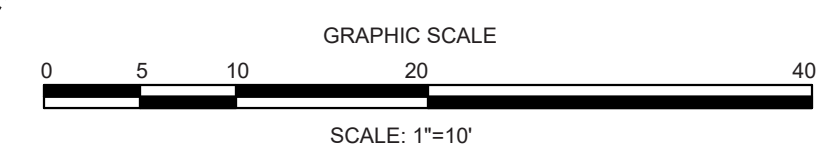


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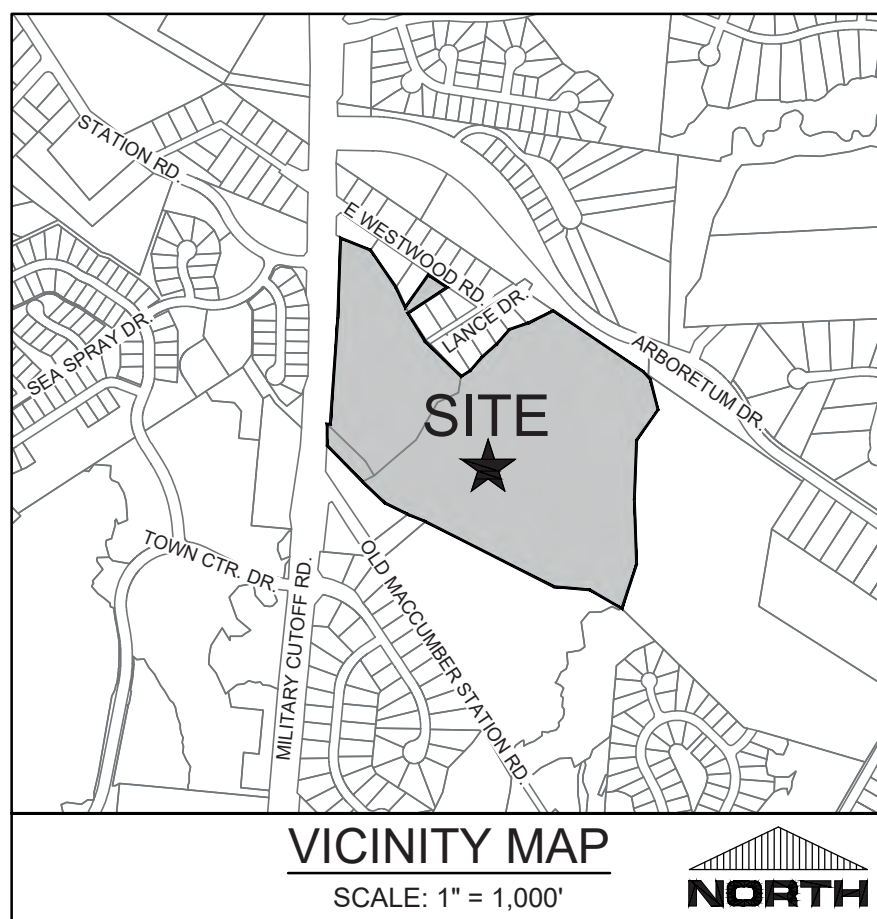
FINAL DESIGN - NOT RELEASED FOR CONSTRUCTION

<p><b>REVISIONS:</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 5%;">NO.</td> <td style="width: 75%;">DESCRIPTION</td> <td style="width: 20%;">DATE</td> </tr> <tr> <td>1</td> <td>APPROVED ADMINISTRATIVE MODIFICATION</td> <td>3/10/2022</td> </tr> </table>	NO.	DESCRIPTION	DATE	1	APPROVED ADMINISTRATIVE MODIFICATION	3/10/2022	<p><b>CLIENT INFORMATION:</b></p> <p><b>PARAMOUNT ENGINEERING, INC.</b> 122 Cinema Drive Wilmington, North Carolina 28403 (910) 791-6707 (O) (910) 791-6760 (F) N.C. License #: C-2846</p>	<p><b>PROJECT STATUS:</b></p> <p>ORIGINAL LAYOUT: FINAL DESIGN: RELEASED FOR CONSTRUCTION:</p> <p><b>DRAWING INFORMATION:</b></p> <p>DATE: 08/22/2020 SCALE: 1" = 10' DRAWN BY: [Signature] CHECKED: [Signature]</p>
NO.	DESCRIPTION	DATE						
1	APPROVED ADMINISTRATIVE MODIFICATION	3/10/2022						
<p><b>LANDSCAPE CONSTRUCTION DETAIL PLAN</b></p> <p><b>CARROLL AT THE AVENUE MILITARY CUTOFF RD. WILMINGTON, NC 28405</b></p>								
<p><b>L-2.29</b></p>								
<p>PEI JOB#: 18473.PE</p>								









**SITE INFORMATION**  
**APPLICANT INFORMATION:**  
 CIP CONSTRUCTION COMPANY  
 201 NORTH ELM STREET, SUITE 201  
 GREENSBORO, NC 27401

**OWNER:**  
 347 MCO, LLC  
 201 NORTH ELM STREET, SUITE 201  
 GREENSBORO, NC 27401

**PROJECT ADDRESS:**  
 349 MILITARY CUTOFF RD.  
 WILMINGTON, NC 28405

**TOTAL SITE AREA:**  
 44.5 +/- ACRES

**CURRENT ZONING:**  
 UMX(CD)

**BUFFERYARD NOTES**  
 LANDSCAPE BUFFER REQUIRED TO SCREEN ANY RESIDENTIAL USE FROM ANY NON-RESIDENTIAL USE OR DISTRICT. BUFFERYARD WIDTH FOR THIS PROJECT IS 20' WIDE, AS MEASURED FROM THE PROPERTY LINE. WHERE AN EASEMENT OCCUPIES A PORTION OF THE BUFFERYARD, SUFFICIENT BUFFER WIDTH MUST BE PROVIDED OUTSIDE THE EASEMENT TO MEET THE REQUIRED OPACITY STANDARDS. BUFFERYARDS SHALL PROVIDE APPROXIMATELY 100% OPACITY TO A HEIGHT OF 6' WITH INTERMITTENT VISUAL OBSTRUCTIONS TO A HEIGHT OF AT LEAST 20' WITH APPROVED PLANTINGS WITHIN 3 YEARS OF INSTALLATION.

AT MINIMUM, (1) TREE SHALL BE PROVIDED EVERY 30 LF OF BUFFER. NATURAL VEGETATION (EXISTING VEGETATION) MAY SERVE AS THE REQUIRED BUFFER IF APPROVED BY THE CITY.

NATURAL VEGETATION MUST BE RETAINED WITHIN THE BUFFER.

**LANDSCAPE CALCULATIONS:**

**STREET YARD LANDSCAPING - Sec. 18-477**  
 NOT REQUIRED IN UMX ZONING.

**PARKING LOT LANDSCAPING - SEC. 18-481**

UMX ZONING (SEC. 18-304-C)(6)(H) DRIVEWAY AND PARKING LOT DESIGN SHALL BE CONSISTENT WITH AN URBAN FORM AND MAY BE EXEMPT FROM THE REQUIREMENTS OF THE TECHNICAL STANDARDS AND SPECIFICATIONS MANUAL, AS APPROVED BY THE TECHNICAL REVIEW COMMITTEE.

SEE PLANS FOR LOCATIONS OF PARKING LOTS	REQUIRED	PROVIDED
<b>PARKING LOT #1 (NORTH OF BUILDING 12)</b> 3,069 SF * 20% SHADING (4) PROPOSED TREES @ 707 SF EACH = 2,828 SF	614 SF	2,828 SF
<b>PARKING LOT #2 (SOUTH OF BUILDING 3A &amp; 3B)</b> 9,879 SF * 20% SHADING (7) PROPOSED TREES @ 707 SF EACH = 4,949 SF	1,976 SF	4,949 SF
<b>PARKING LOT #3 (EAST OF BUILDING 6)</b> 1,892 SF * 20% SHADING (2) PROPOSED TREES @ 707 SF EACH = 1,414 SF	379 SF	1,414 SF
<b>PARKING LOT #4 (EAST OF POOL AMENITY)</b> 3,299 SF * 20% SHADING (2) PROPOSED TREES @ 707 SF EACH = 1,414 SF	660 SF	1,414 SF

**PERIMETER LANDSCAPING - SEC. 18-482**

10' WIDTH LANDSCAPE YARD REQUIRED WHERE PARKING LOT IS ADJACENT TO SEPARATE PARKING LOT, DRIVEWAY OR RESIDENTIALLY ZONED PROPERTY - (SEE PLAN, PROPERTY ZONED UMX, PROPOSED PARKING LOTS DO NOT REQUIRE PERIMETER LANDSCAPING).

**PARKING AREA SCREENING - SEC. 18-483**

PARKING AREA SCREENING WHERE ADJACENT TO MILITARY CUT OFF SHALL BE A MINIMUM OF THREE (3) FEET IN HEIGHT AND FIVE (5) FEET IN WIDTH (SEE PLAN).

**LANDSCAPE BUFFERS - SEC. 18-204 (D)(7)**

20' MINIMUM LANDSCAPE BUFFER REQUIRED WHERE ADJACENT TO SINGLE FAMILY RESIDENTIAL ZONES (SEE NOTES)

**FOUNDATION PLANTINGS - SEC. 18-477**

FOUNDATION PLANTINGS REQUIRED ADJACENT TO PARKING AREAS OR INTERNAL DRIVE AISLES. NOT APPLICABLE TO PROPOSED PROJECT. NETWORK OF STREETS PROVIDED PER UMX ZONING REQUIREMENTS. NO INTERNAL DRIVE AISLES PROPOSED.

**LANDSCAPE NOTES:**

- CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING ALL UTILITIES PRIOR TO BEGINNING CONSTRUCTION.
- TREES SHALL BE LOCATED A MINIMUM OF 5 FEET FROM SEWER/WATER CONNECTIONS OR AS OTHERWISE DICTATED BY LOCAL REGULATIONS. CONTRACTOR SHALL BE LIABLE FOR DAMAGE TO ANY AND ALL PUBLIC OR PRIVATE UTILITIES.
- ALL PLANT MATERIAL SHALL MEET THE CURRENT VERSION OF THE AMERICAN ASSOCIATION OF NURSERYMEN'S STANDARDS.
- NO TREE, OTHER THAN THOSE SHOWN ON APPROVED PLANS FOR REMOVAL WITH THESE PLANS AND/OR TREE REMOVAL PERMIT PLANS, SHALL BE REMOVED WITHOUT WRITTEN AUTHORIZATION FROM THE LANDSCAPE ARCHITECT OR OWNER'S REPRESENTATIVE.
- ALL PLANTS, 4 FEET OR LESS APART, WILL BE CONNECTED IN ONE PLANTING BED. ALL GROUPS OF PLANTS SHOULD BE WITHIN ONE PLANTING BED WITH THE EDGE OF MULCH EXTENDING 2 FEET BEYOND THE EDGE OF PLANT MASS. SINGLE TREES SHOULD HAVE A CIRCLE OF MULCH NOT LESS THAN 5 FEET DIAMETER.
- PLANTING SOIL MIX: MIX EXISTING SOIL WITH THE SOIL AMENDMENTS AND FERTILIZERS IN THE QUANTITIES RECOMMENDED BY THE SOIL TESTING LABORATORY, THIRD PARTY RECOGNIZED BY THE STATE DEPARTMENT OF AGRICULTURE OR AS OTHERWISE APPROVED BY THE LANDSCAPE ARCHITECT OR OWNER'S REPRESENTATIVE.
- ANY AND ALL SUBSTITUTIONS OF PLANT MATERIAL SHALL BE APPROVED BY LANDSCAPE ARCHITECT OR OWNER'S REPRESENTATIVE. FAILURE IN OBTAINING APPROVAL MAY RESULT IN LIABILITY TO THE CONTRACTOR.
- THE CONTRACTOR SHALL REPLACE DEAD AND/OR UNHEALTHY PLANT MATERIAL WITHIN 12 MONTHS OF ACCEPTANCE OF THE INSTALLED MATERIAL FROM THE OWNER OR OWNER'S REPRESENTATIVE.
- THE CONTRACTOR SHALL PREPARE ALL SEEDED OR SODDED AREAS TO ASSURE THAT THE SUBGRADE HAS BEEN RAKED AND ROLLED TO ACCEPT THE SOD/SEED. ALL SOD/SEED AREAS MUST BE IRRIGATED OR HAND WATERED. ALL SOD SHALL BE PLACED WITH STAGGERED JOINTS AND NO GAPS BETWEEN SOD JOINTS. SOD SHOULD BE ROLLED AFTER INSTALLATION. ALL SEEDED AND/OR SODDED AREAS SHOULD PROVIDE A SMOOTH SURFACE FREE OF DIPS AND UNLEVELED GROUND.
- IRRIGATION SHALL BE INSTALLED BY A LICENSED IRRIGATION CONTRACTOR IN THE STATE OF NORTH CAROLINA.
- THE CONTRACTOR IS RESPONSIBLE FOR HAND WATERING THE INSTALLED PLANT MATERIAL FOR A PERIOD OF 6 MONTHS FROM THE ACCEPTANCE FROM THE OWNER OR OWNER'S REPRESENTATIVE IF IRRIGATION HAS NOT BEEN INSTALLED AT THE TIME OF SUBSTANTIAL COMPLETION. ALL MATERIAL INCLUDING SOD AND SEEDED AREAS SHALL BE HAND WATERED ONCE WEEKLY OR AS NEEDED TO ENSURE SURVIVAL OF PLANTS.
- CONTRACTOR IS RESPONSIBLE FOR REMOVING TRASH, DEBRIS AND EXCESS MATERIALS FROM THE JOB SITE ONCE THE PROJECT IS COMPLETE. SECURING ANY MATERIALS LEFT ON SITE DURING THE COURSE OF THE PROJECT IS THE CONTRACTOR'S RESPONSIBILITY.
- ALL DISTURBED AREAS NOT DESIGNATED FOR SOD SHALL BE SEEDED.
- ALL VEGETATION PROPOSED WITHIN SIGHT DISTANCE AREAS SHALL NOT INTERFERE WITH SIGHT DISTANCE FROM 30' TO 10'.
- PRIOR TO ANY CLEARING, GRADING, OR CONSTRUCTION ACTIVITY, TREE PROTECTION FENCING SHALL BE INSTALLED. NO CONSTRUCTION WORKERS, TOOLS, MATERIALS OR VEHICLES ARE PERMITTED WITHIN TREE PROTECTION FENCING.
- MULCH: ALL PLANTER AREAS SHALL RECEIVE 2" (MIN.) THK. LAYER SHREDDED, CLEAN, NATURAL HARDWOOD, CEDAR OR CYPRESS BARK MULCH FREE OF LUMBER PRODUCTS AND DEBRIS. PROVIDE SUBMITTAL FOR OWNER'S REPRESENTATIVE APPROVAL. NO PINE STRAW IS PERMITTED. SEE PLANS FOR SPECIALTY MULCHES WHERE NOTED.
- WEED CONTROL FABRIC: ALL PLANTER AREAS SHALL BE PROVIDED WITH WEED CONTROL FABRIC/BARRIER INSTALLED UNDER MULCH. USE 5 OZ. POLYPROPYLENE WOVEN FABRIC PRODUCT WITH UV-INHIBITORS DESIGNED FOR COMMERCIAL USE. SUCH AS: PRO-5 WEED BARRIER BY DEWITT, OR EQUAL. SECURE TO GRADE WITH ANCHOR PINS DESIGNED TO SECURE EROSION CONTROL BLANKETS AND FILTER FABRICS AS REQUIRED. OVERLAP SPICES 6" (MIN.) PROVIDE SUBMITTAL FOR OWNER'S REPRESENTATIVE APPROVAL.
- ANY TREE OVER 2" CALIPER SHALL BE STAKED, GUYED AND TIED PER DETAIL DRAWINGS.
- ROOT CONTROL BARRIERS SHALL BE PROVIDED FOR ALL TREES (EXCEPT PALMS). SEE DETAIL DRAWINGS.
- TREE DRAINS SHALL BE INSTALLED PER DETAIL DRAWINGS AS NOTED THEREWITHIN AND BE CONNECTED TO STORM DRAIN SYSTEM BY LANDSCAPE CONTRACTOR

**STREET LIGHT NOTES**

ALL STREET TREES SHALL BE LOCATED A MINIMUM OF 15' FROM STREETLIGHTS.

**ADJACENT PROPERTY ZONING NOTES**

SEE LANDSCAPE PLAN SHEETS L-3.1 THRU L-3.17 FOR ADJACENT PROPERTY ZONING DISTRICTS. ALSO SEE SITE INVENTORY SHEETS FOR ADDITIONAL INFORMATION.

**SIGHT DISTANCE TRIANGLE NOTES**

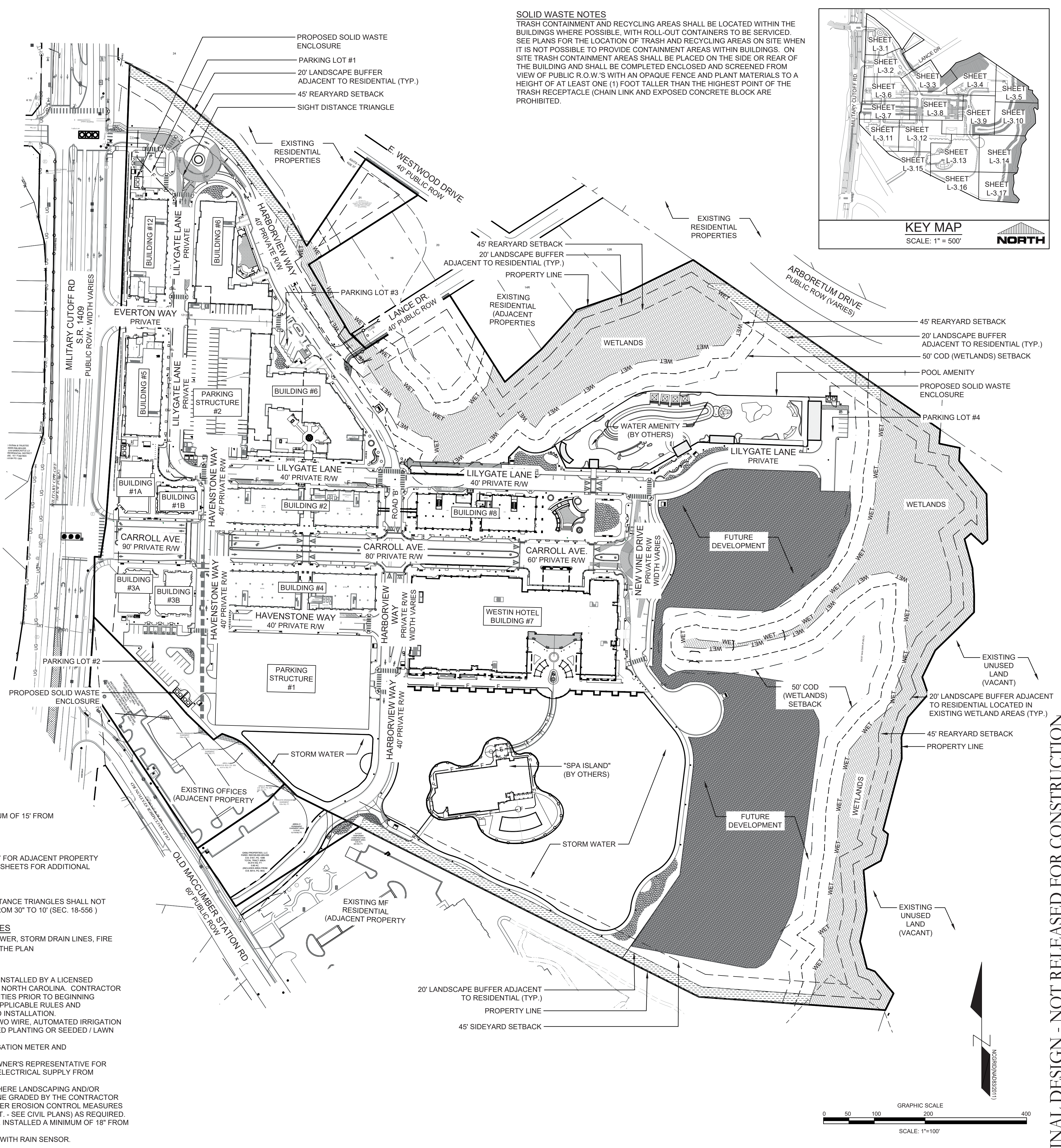
ALL PROPOSED VEGETATION WITHIN SIGHT DISTANCE TRIANGLES SHALL NOT INTERFERE WITH CLEAR VISUAL SIGHT LINES FROM 30' TO 10' (SEC. 18-556)

**UNDERGROUND INFRASTRUCTURE NOTES**

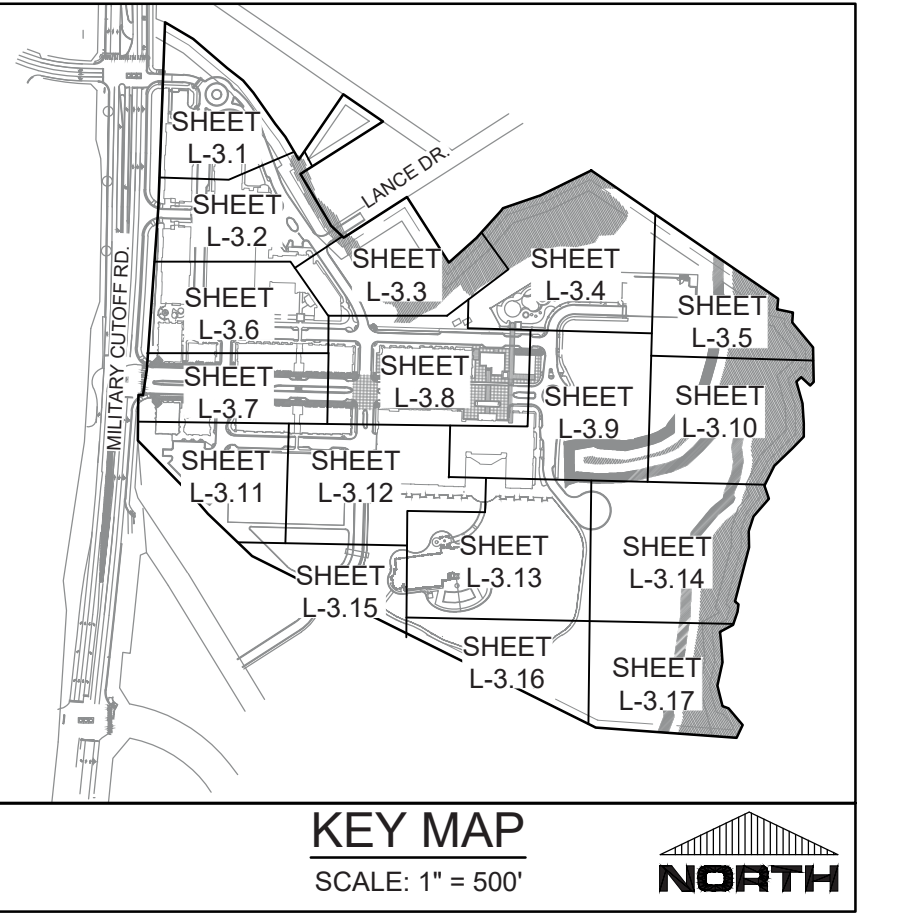
GENERAL LOCATIONS AND SIZES OF WATER, SEWER, STORM DRAIN LINES, FIRE HYDRANTS AND SEWER LINES ARE SHOWN ON THE PLAN

**IRRIGATION SYSTEMS**

- ANY IRRIGATION SHALL BE DESIGNED AND INSTALLED BY A LICENSED IRRIGATION CONTRACTOR IN THE STATE OF NORTH CAROLINA. CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING ALL UTILITIES PRIOR TO BEGINNING CONSTRUCTION AND FOR ABIDING BY ALL APPLICABLE RULES AND REGULATIONS FOR IRRIGATION DESIGN AND INSTALLATION.
- THE IRRIGATION DESIGN SHALL DEPICT A TWO WIRE, AUTOMATED IRRIGATION SYSTEM SUITABLE TO WATER ALL PROPOSED PLANTING OR SEEDED / LAWN AREAS.
- SEE UTILITY PLANS FOR LOCATION OF IRRIGATION METER AND POINT-OF-CONNECTION.
- CONTRACTOR SHALL COORDINATE WITH OWNER'S REPRESENTATIVE FOR LOCATION OF IRRIGATION CONTROLLER & ELECTRICAL SUPPLY FROM BUILDING.
- DISTURBED OR GRADED AREAS ON SITE, WHERE LANDSCAPING AND/OR IRRIGATION IS NOT REQUIRED, SHALL BE FINE GRADED BY THE CONTRACTOR AND PROVIDED WITH HYDROSEED AND OTHER EROSION CONTROL MEASURES (STRAW WADDLE, ROLLS, SILT FENCING, ECT. - SEE CIVIL PLANS) AS REQUIRED.
- WHERE USED, IRRIGATION HEADS SHALL BE INSTALLED A MINIMUM OF 18" FROM EDGE OF CURBS.
- IRRIGATION SYSTEMS SHALL BE INSTALLED WITH RAIN SENSOR.



**SOLID WASTE NOTES**  
 TRASH CONTAINMENT AND RECYCLING AREAS SHALL BE LOCATED WITHIN THE BUILDINGS WHERE POSSIBLE, WITH ROLL-OUT CONTAINERS TO BE SERVICED. SEE PLANS FOR THE LOCATION OF TRASH AND RECYCLING AREAS ON SITE WHEN IT IS NOT POSSIBLE TO PROVIDE CONTAINMENT AREAS WITHIN BUILDINGS. ON SITE TRASH CONTAINMENT AREAS SHALL BE PLACED ON THE SIDE OR REAR OF THE BUILDING AND SHALL BE COMPLETED ENCLOSED AND SCREENED FROM VIEW OF PUBLIC R.O.W.'S WITH AN OPAQUE FENCE AND PLANT MATERIALS TO A HEIGHT OF AT LEAST ONE (1) FOOT TALLER THAN THE HIGHEST POINT OF THE TRASH RECEPTACLE (CHAIN LINK AND EXPOSED CONCRETE BLOCK ARE PROHIBITED).



FINAL DESIGN - NOT RELEASED FOR CONSTRUCTION

**REVISIONS:**

**CLIENT INFORMATION:**  
 CIP CONSTRUCTION COMPANY  
 201 NORTH ELM STREET, STE. 201  
 GREENSBORO, NC 27401

**PARAMOUNT ENGINEERING**  
 122 Cinema Drive  
 Wilmington, North Carolina 28403  
 (910) 791-6707 (O) (910) 791-6760 (F)  
 NC License #: C-2846

**OVERALL LANDSCAPE SITE PLAN**  
 CARROLL AT THE AVENUE  
 MILITARY CUTOFF RD.  
 WILMINGTON, NC 28405

**PROJECT STATUS:**  
 ORIGINAL LAYOUT: 08/22/2028  
 FINAL DESIGN: 06/23/23  
 RELEASED FOR CONSTRUCTION: 06/23/23

**DRAWING INFORMATION:**  
 DATE: 06/23/23  
 SCALE: 1"=100'  
 DRAWN BY: M. N. WALKER  
 CHECKED BY: M. N. WALKER

**SEAL:**  
 MICHAEL E. NICHOLS  
 1980  
 06/23/23  
 NORTH CAROLINA  
 LANDSCAPE ARCHITECT

**L-3.0**

PEI JOB#: 18473.PE





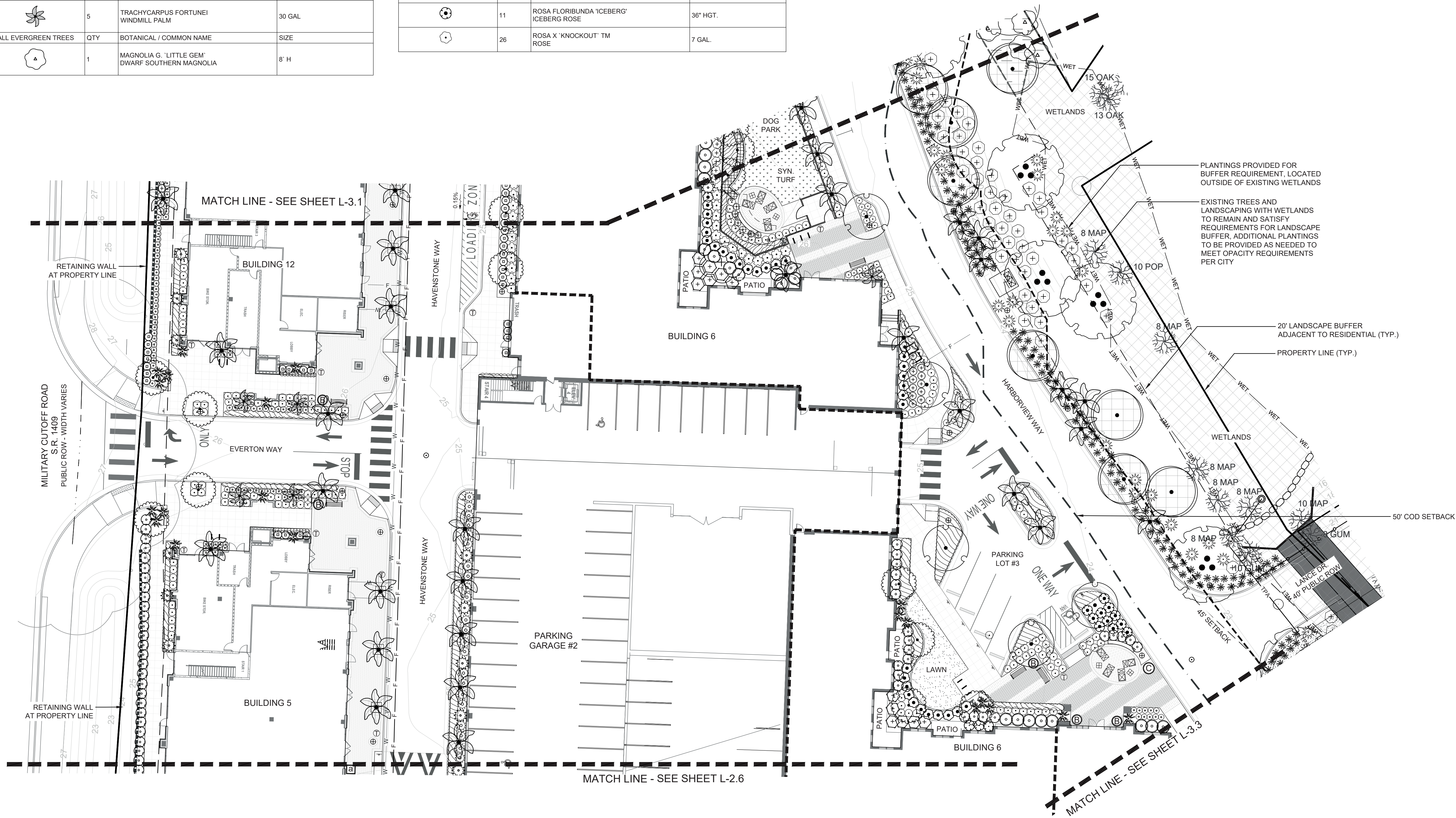
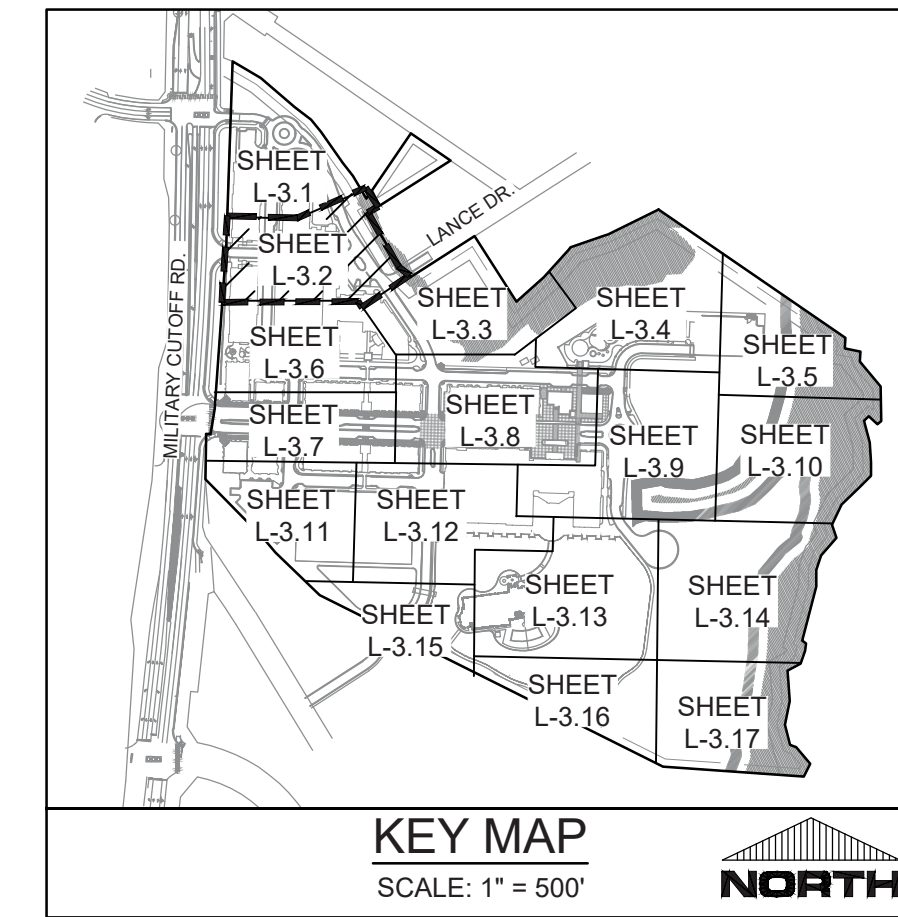


PLANT SCHEDULE L-3.2

TREES	QTY	BOTANICAL / COMMON NAME	SIZE
	11	CUPRESSUS SEMPERVIRENS ITALIAN CYPRESS	8' - 10' H
	20	CYCAS REVOLUTA SAGO PALM	15 GAL
	1	ERIOBOTRYA JAPONICA LOQUAT	8' H
	10	LAGERSTROEMIA INDICA X FAURIEI 'NATCHEZ' NATCHEZ CRAPE MYRTLE	12' SINGLE TRUNK
CANOPY TREES	QTY	BOTANICAL / COMMON NAME	SIZE
	4	QUERCUS VIRGINIANA SOUTHERN LIVE OAK	16" (MIN.) SPECIMEN
	7	TAXODIUM DISTICHUM BALD CYPRESS	10' - 12' H
	5	ULMUS PARVIFOLIA 'BOSQUE' BOSQUE LACEBARK ELM	12' - 14'
PALM TREES	QTY	BOTANICAL / COMMON NAME	SIZE
	28	SABAL PALMETTO BOOTED AND WOOD BRACED	16' H. BOOTED, MATCHING
	5	TRACHYCARPUS FORTUNEI WINDMILL PALM	30 GAL
SMALL EVERGREEN TREES	QTY	BOTANICAL / COMMON NAME	SIZE
	1	MAGNOLIA G. 'LITTLE GEM' DWARF SOUTHERN MAGNOLIA	8' H

SHRUBS	QTY	BOTANICAL / COMMON NAME	CONTAINER
	46	AZALEA I. 'GEORGE L. TABOR' PURPLE TABOR AZALEA	7 GAL.
	163	BUXUS M. 'WINTERGREEN' WINTERGREEN BOXWOOD	7 GAL.
	33	DISTYLUM X 'PIIDIST-IT' BLUE CASCADE® DISTYLUM	24"X24" MIN.
	3	HYDRANGEA MACROPHYLLA 'NIKKO BLUE' NIKKO BLUE HYDRANGEA	15 GAL. / 3' HT. MIN.
	13	HYDRANGEA QUERCIFOLIA OAKLEAF HYDRANGEA	15 GAL.
	48	LIGUSTRUM JAPONICUM 'EAST BAY' EAST BAY PRIVET	30" HGT. MIN.
	12	LOROPETALUM C. 'DARUMA' DARUMA LOROPETALUM	3 GAL.
	20	LOROPETALUM C. 'RUBY' RUBY LOROPETALUM	7 GAL.
	94	NANDINA DOMESTICA 'FIRE POWER' FIREPOWER NANDINA	3 GAL.
	16	PITTOSPORUM T. 'VARIEGATA' VARIEGATED MOCK ORANGE	7 GAL.
	28	PITTOSPORUM TOBIRA 'CNI THREE' MOJO® JAPANESE PITTOSPORUM	18" X 18" (MIN.)
	22	PODOCARPUS MACROPHYLLUS 'MAKI' MAKI PODOCARPUS	7 GAL.
	11	ROSA FLORIBUNDA 'ICEBERG' ICEBERG ROSE	36" HGT.
	26	ROSA X 'KNOCKOUT'™ ROSE	7 GAL.

ORNAMENTAL GRASSES	QTY	BOTANICAL / COMMON NAME	CONTAINER
	20	SABAL MINOR DWARF PALMETTO	7 GAL.
	6	TRACHELOSPERMUM JASMINOIDES STAR JASMINE (VINE)	7 GAL.
	111	MUHLENBERGIA CAPILLARIS PINK MUHLY	3 GAL.
GROUND COVERS	QTY	BOTANICAL / COMMON NAME	CONT.
	705	HEMEROCALLIS X 'HAPPY RETURNS' DAYLILY	1 GAL @ 18" O.C.
	50	LIRIOPE MUSCARI LILYTURF	1 GAL. @ 12" O.C.
GRASS MASSINGS	QTY	BOTANICAL / COMMON NAME	CONT.
	17	MUHLENBERGIA CAPILLARIS PINK MUHLY	3 GAL.
SOD/SEED	QTY	BOTANICAL / COMMON NAME	CONT.
	578 SF	EREMOCHLOA OPHIUROIDES CENTIPEDE SOD	SOD



PLANTINGS PROVIDED FOR BUFFER REQUIREMENT, LOCATED OUTSIDE OF EXISTING WETLANDS

EXISTING TREES AND LANDSCAPING WITH WETLANDS TO REMAIN AND SATISFY REQUIREMENTS FOR LANDSCAPE BUFFER. ADDITIONAL PLANTINGS TO BE PROVIDED AS NEEDED TO MEET OPACITY REQUIREMENTS PER CITY

20' LANDSCAPE BUFFER ADJACENT TO RESIDENTIAL (TYP.)

PROPERTY LINE (TYP.)

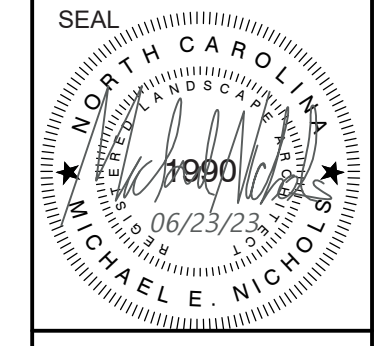
50' COD SETBACK

CLIENT INFORMATION:  
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GREENSBORO, NC 27401

**PARAMOUNT**  
ENGINEERING, INC.  
122 Cinema Drive  
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(910) 791-6707 (O) (910) 791-6700 (F)  
NC License #: C-2846

LANDSCAPE PLAN  
CARROLL AT THE AVENUE  
MILITARY CUTOFF RD.  
WILMINGTON, NC 28405

PROJECT STATUS  
ORIGINAL LAYOUT:  
FINAL DESIGN: (O) (F)  
RELEASED FOR CONSTRUCTION:  
DRAWING INFORMATION  
DATE: 08/23/2023  
SCALE: 1" = 20'  
DRAWN BY: RFB  
CHECKED BY: RFB



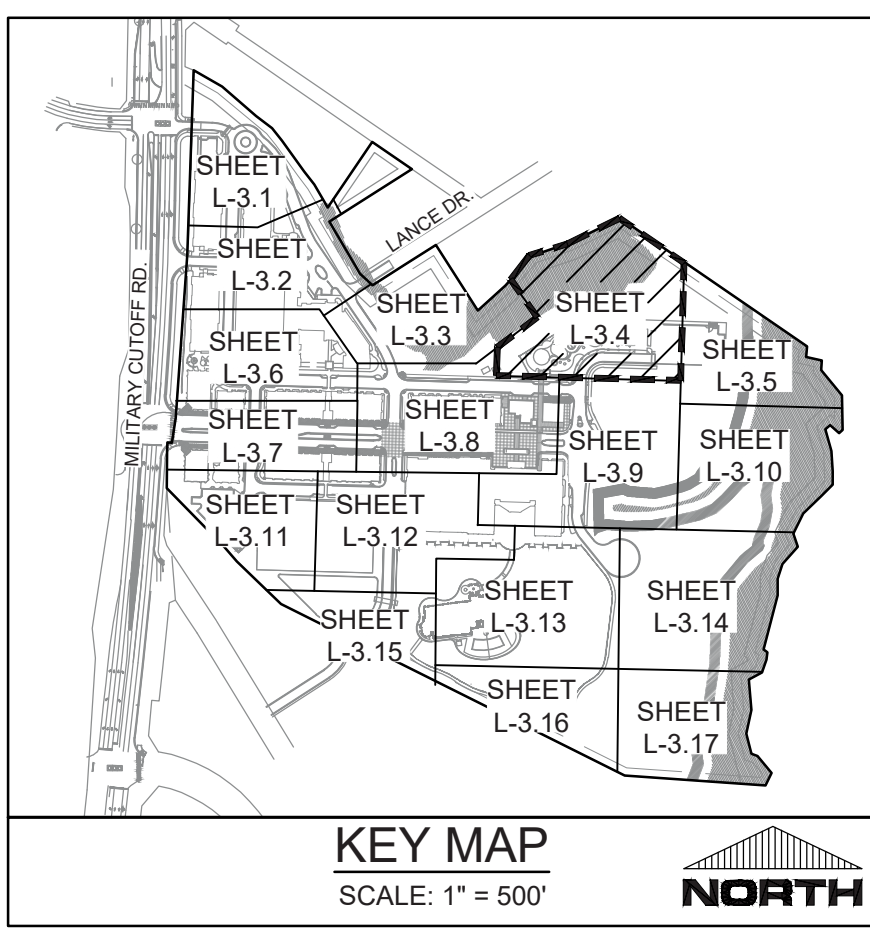
**L-3.2**  
PEI JOB#: 18473.PE

FINAL DESIGN - NOT RELEASED FOR CONSTRUCTION

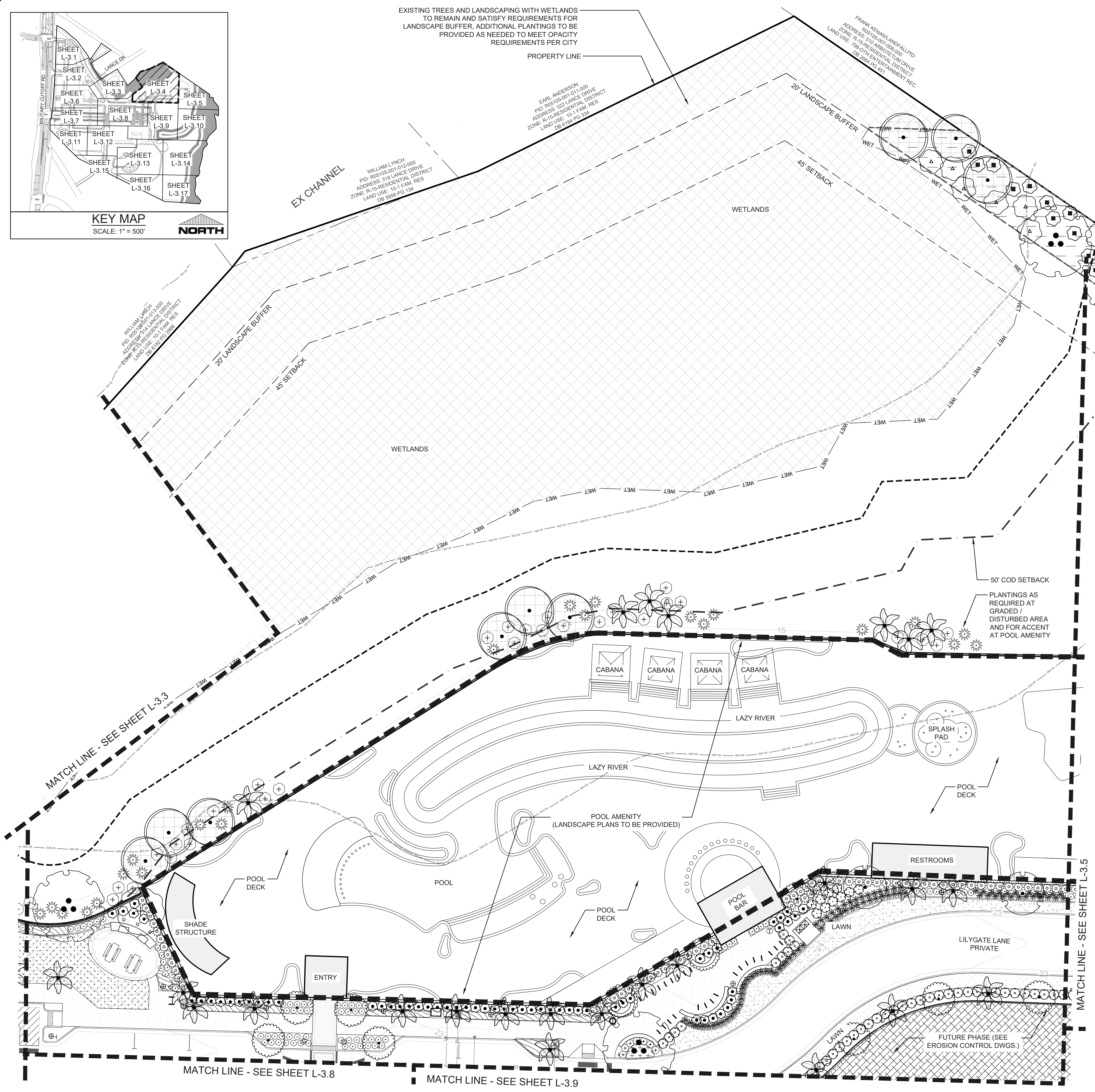








EXISTING TREES AND LANDSCAPING WITH WETLANDS TO REMAIN AND SATISFY REQUIREMENTS FOR LANDSCAPE BUFFER. ADDITIONAL PLANTINGS TO BE PROVIDED AS NEEDED TO MEET OPACITY REQUIREMENTS PER CITY



PLANT SCHEDULE L-3.4			
TREES	QTY	BOTANICAL / COMMON NAME	SIZE
	10	LAGERSTROEMIA INDICA X FAURIEI 'NATCHEZ' NATCHEZ CRAPE MYRTLE	12' SINGLE TRUNK
CANOPY TREES			
	1	QUERCUS NUTTALLII NUTTALL OAK	10' - 12' H
	3	QUERCUS VIRGINIANA SOUTHERN LIVE OAK	16' (MIN.) SPECIMEN
	9	TAXODIUM DISTICHUM BALD CYPRESS	10' - 12' H
	2	ULMUS PARVIFOLIA 'BOSQUE' BOSQUE LACEBARK ELM	12'-14'
PALM TREES			
	25	SABAL PALMETTO BOOTED AND WOOD BRACED	16' H. BOOTED, MATCHING
SMALL EVERGREEN TREES			
	6	MAGNOLIA G. 'LITTLE GEM' DWARF SOUTHERN MAGNOLIA	8' H
SHRUBS			
	30	AZALEA L. 'GEORGE L. TABOR' PURPLE TABOR AZALEA	7 GAL.
	9	AZALEA INDICA 'FORMOSA' FORMOSA INDICA AZALEA	3' HT. (MIN.)
	59	DISTYLIUM X 'PIDIST-II' BLUE CASCADE® DISTYLIUM	24"X24" MIN.
	10	HYDRANGEA MACROPHYLLA 'NIKKO BLUE' NIKKO BLUE HYDRANGEA	15 GAL. / 3' HT. MIN.
	39	LIGUSTRUM JAPONICUM 'EAST BAY' EAST BAY PRIVET	30" HGT. MIN.
	67	PODOPARPUS MACROPHYLLUS 'MAKI' MAKI PODOPARPUS	7 GAL.
	79	ROSA X 'KNOCKOUT'™ ROSE	7 GAL.
	7	ROSMARINUS OFFICINALIS 'ROMAN BEAUTY' ROMAN BEAUTY ROSEMARY	24"X24" MIN.
	23	SABAL MINOR DWARF PALMETTO	7 GAL.
ORNAMENTAL GRASSES			
	86	MUHLENBERGIA CAPILLARIS PINK MUHLY	3 GAL.
GROUND COVERS			
	283	HEMEROCALLIS X 'HAPPY RETURNS' DAYLILY	1 GAL @ 18" O.C.
	27	LIRIOPE MUSCARI 'SILVER DRAGON' SILVER DRAGON LILYTURF	3 GAL.
SOD/SEED			
	3,405 SF	EREMOCHLOA OPHIUROIDES CENTIPEDE SOD	SOD

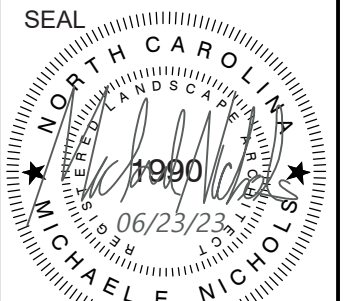
REVISIONS:

CLIENT INFORMATION:  
 CIP CONSTRUCTION COMPANY  
 201 NORTH ELM STREET, STE. 201  
 GREENSBORO, NC 27401

**PARAMOUNT**  
 ENGINEERING, INC.  
 122 Cinema Drive  
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 (910) 791-6707 (O) (910) 791-6700 (F)  
 N.C. License #: C-2846

LANDSCAPE PLAN  
 CARROLL AT THE AVENUE  
 MILITARY CUTOFF RD.  
 WILMINGTON, NC 28405

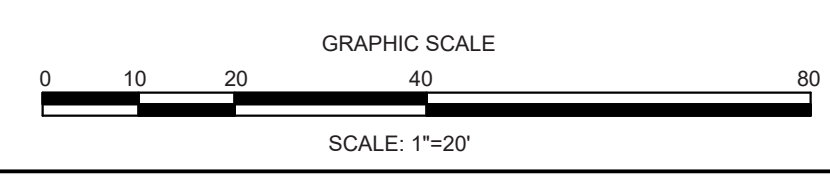
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 ORIGINAL LAYOUT:  
 FINAL DESIGN:  
 RELEASED FOR CONSTRUCTION:  
 DATE: 08/23/2023  
 SCALE: 1" = 20'  
 DRAWING INFORMATION:  
 DRAWN BY: [Signature]  
 CHECKED BY: [Signature]



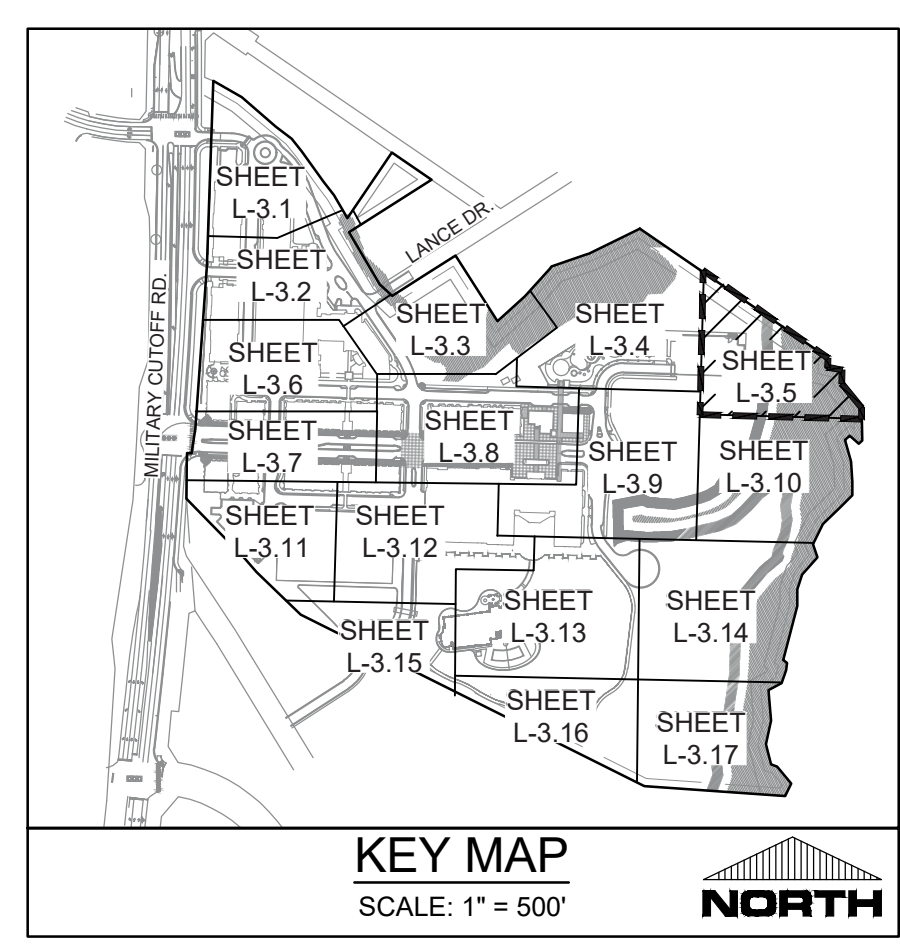
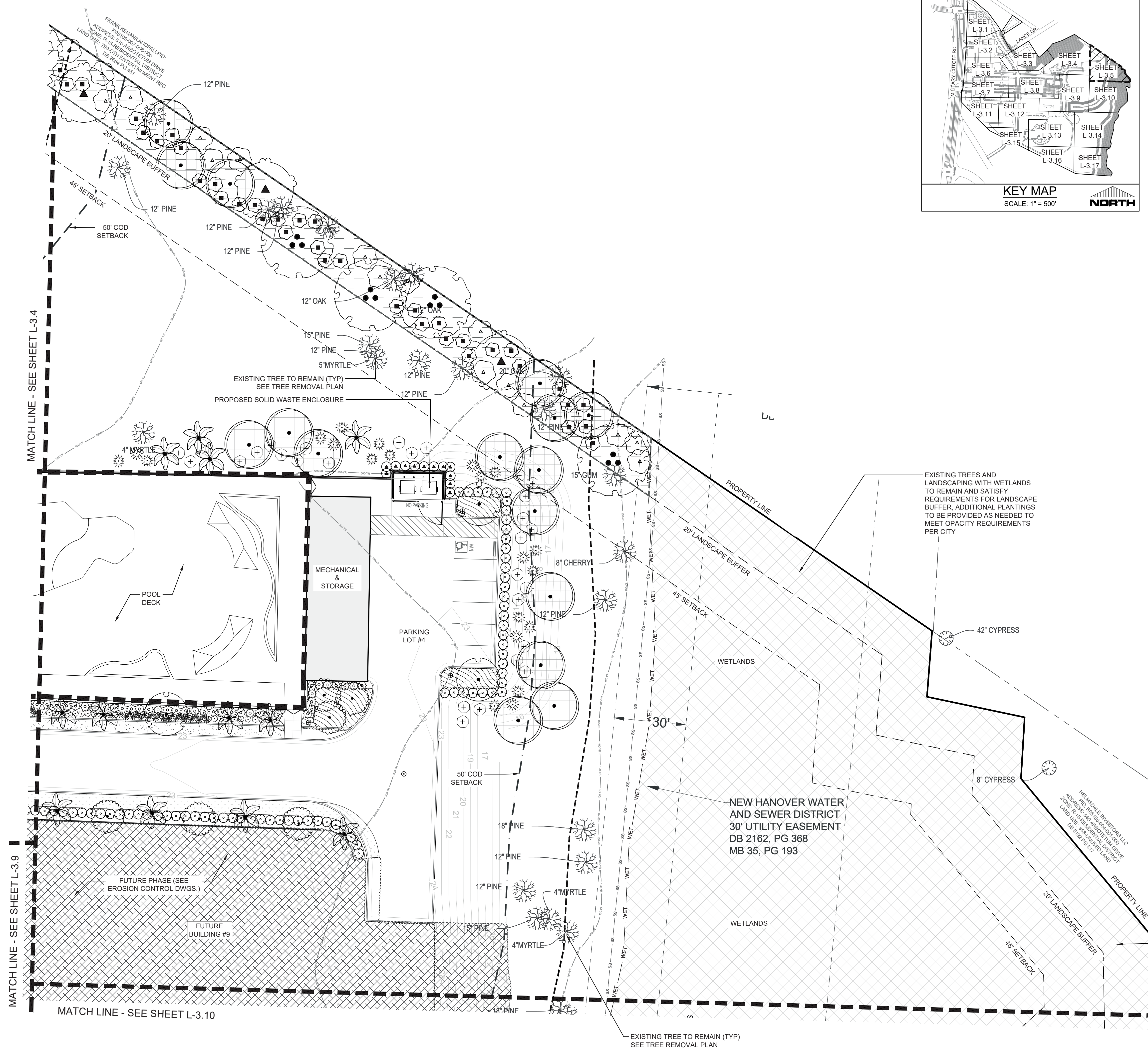
**L-3.4**

PEI JOB#: 18473.PE

FINAL DESIGN - NOT RELEASED FOR CONSTRUCTION







PLANT SCHEDULE L-3.5			
TREES	QTY	BOTANICAL / COMMON NAME	SIZE
	6	LAGERSTROEMIA INDICA X FAURIEI 'NATCHEZ' NATCHEZ CRAPE MYRTLE	12' SINGLE TRUNK
	3	LIRIODENDRON TULIPIFERA TULIP POPLAR	7'-8' H
CANOPY TREES	QTY	BOTANICAL / COMMON NAME	SIZE
	4	QUERCUS VIRGINIANA SOUTHERN LIVE OAK	16' (MIN.) SPECIMEN
	16	TAXODIUM DISTICHUM BALD CYPRESS	10' - 12' H
	3	ULMUS PARVIFOLIA 'BOSQUE' BOSQUE LACEBARK ELM	12'-14'
PALM TREES	QTY	BOTANICAL / COMMON NAME	SIZE
	12	SABAL PALMETTO	16' H. BOOTED, MATCHING
	12	BOOTED AND WOOD BRACED	
SMALL EVERGREEN TREES	QTY	BOTANICAL / COMMON NAME	SIZE
	17	MAGNOLIA G. 'LITTLE GEM' DWARF SOUTHERN MAGNOLIA	8' H
SHRUBS	QTY	BOTANICAL / COMMON NAME	CONTAINER
	28	AZALEA L. 'GEORGE L. TABOR' PURPLE TABOR AZALEA	7 GAL.
	37	AZALEA INDICA 'FORMOSA' FORMOSA INDICA AZALEA	3' HT (MIN.)
	69	LIGUSTRUM JAPONICUM 'EAST BAY' EAST BAY PRIVET	30" HGT. MIN.
	12	PODOCARPUS M. MAKI SHRUBBY YEW PODOCARPUS	6' HT. MIN.
	37	PODOCARPUS MACROPHYLLUS 'MAKI' MAKI PODOCARPUS	7 GAL.
	22	ROSA X 'KNOCKOUT' TM ROSE	7 GAL.
	21	SABAL MINOR DWARF PALMETTO	7 GAL.
ORNAMENTAL GRASSES	QTY	BOTANICAL / COMMON NAME	CONTAINER
	23	MUHLENBERGIA CAPILLARIS PINK MUHLY	3 GAL.
GROUND COVERS	QTY	BOTANICAL / COMMON NAME	CONT
	339	HEMEROCALLIS X 'HAPPY RETURNS' DAYLILY	1 GAL @ 18" O.C.

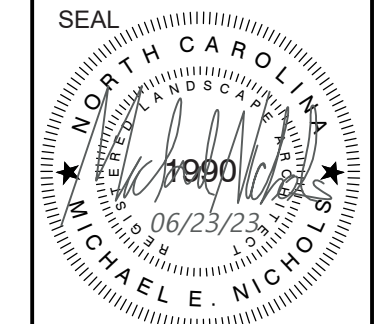
REVISIONS:

CLIENT INFORMATION:  
**CIP CONSTRUCTION COMPANY**  
 201 NORTH ELM STREET, STE. 201  
 GREENSBORO, NC 27401

**PARAMOUNT ENGINEERING, INC.**  
 122 Cinema Drive  
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 (910) 791-6707 (O) (910) 791-6760 (F)  
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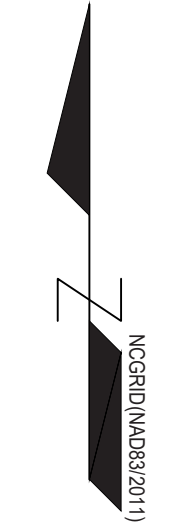
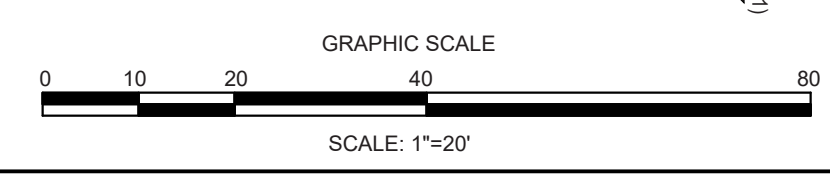
LANDSCAPE PLAN  
**CARROLL AT THE AVENUE**  
 MILITARY CUTOFF RD.  
 WILMINGTON, NC 28405

PROJECT STATUS:  
 ORIGINAL LAYOUT:  
 FINAL DESIGN:  
 RELEASED FOR CONSTRUCTION:  
 DRAWING INFORMATION:  
 DATE: 06/23/23  
 SCALE: 1" = 20'  
 DRAWN BY: [Signature]  
 CHECKED BY: [Signature]



**L-3.5**  
 PEI JOB#: 18473.PE

FINAL DESIGN - NOT RELEASED FOR CONSTRUCTION

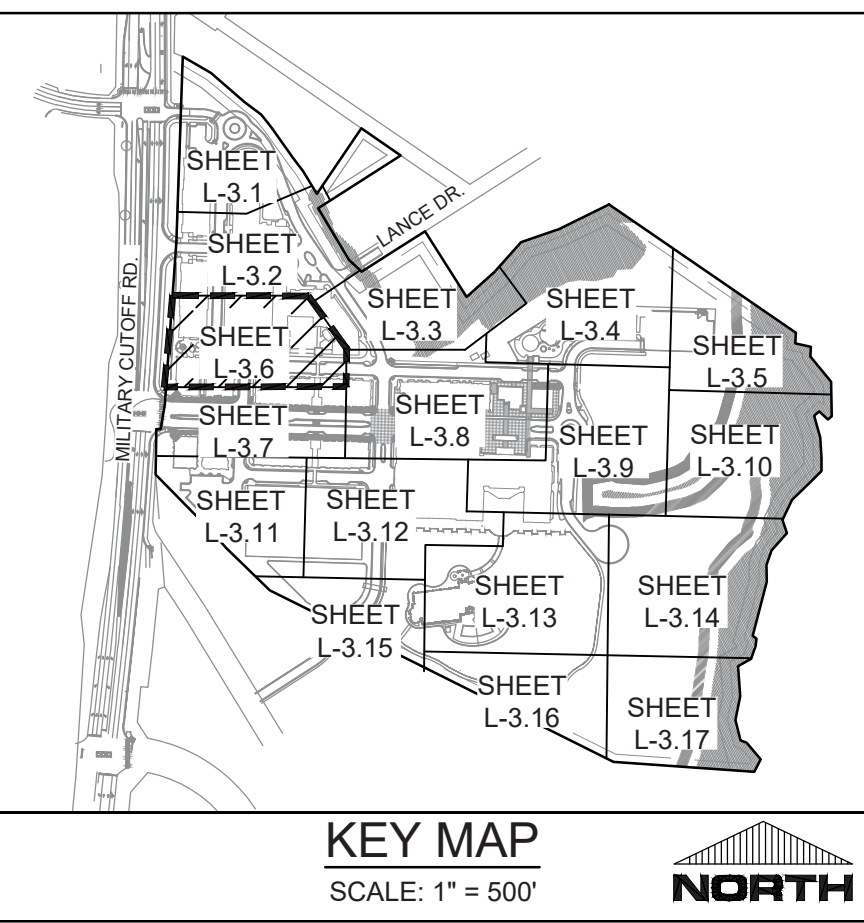


MATCH LINE - SEE SHEET L-3.4

MATCH LINE - SEE SHEET L-3.9

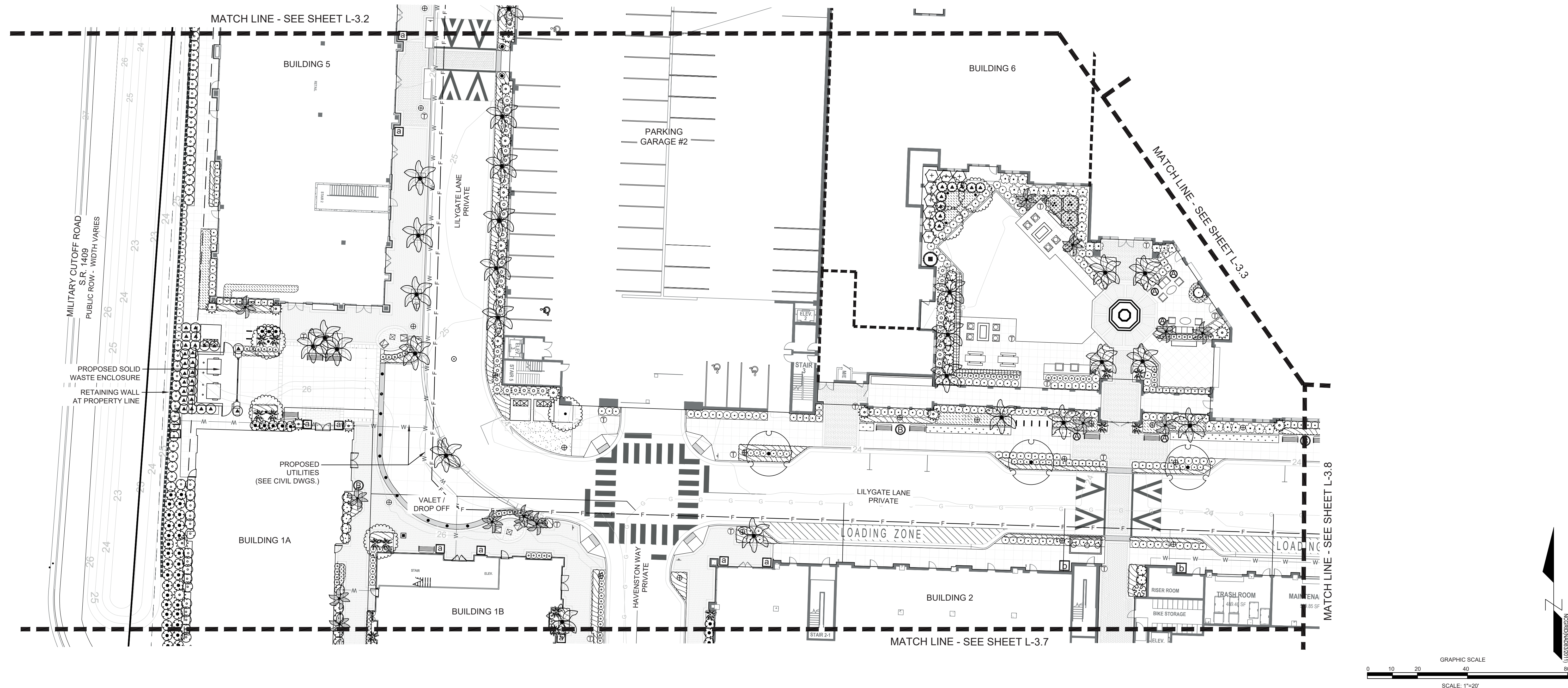
MATCH LINE - SEE SHEET L-3.10





PLANT SCHEDULE L-3.6			
TREES	QTY	BOTANICAL / COMMON NAME	SIZE
	18	CUPRESSUS SEMPERVIRENS ITALIAN CYPRESS	8' - 10' H
	12	CYCAS REVOLUTA SAGO PALM	15 GAL
	7	LAGERSTROEMIA INDICA X FAURIEI 'NATCHEZ' NATCHEZ CRAPE MYRTLE	12' SINGLE TRUNK
CANOPY TREES	QTY	BOTANICAL / COMMON NAME	SIZE
	3	ULMUS PARVIFOLIA 'BOSQUE' BOSQUE LACEBARK ELM	12'-14'
PALM TREES	QTY	BOTANICAL / COMMON NAME	SIZE
	25	SABAL PALMETTO BOOTED AND WOOD BRACED	16' H. BOOTED, MATCHING
	13	TRACHYCARPUS FORTUNEI WINDMILL PALM	30 GAL
SHRUBS	QTY	BOTANICAL / COMMON NAME	CONTAINER
	230	BUXUS M. 'WINTERGREEN' WINTERGREEN BOXWOOD	7 GAL
	1	BUXUS SEMPERVIRENS 'APPALACHIAN PYRAMID' APPALACHIAN PYRAMID COMMON BOXWOOD	4' H
	1	CAMELLIA SASANOUA 'YULETIDE' YULETIDE CAMELLIA	4' H
	1	FATSIA JAPONICA JAPANESE ARALIA	7 GAL - 3' H
	20	HYDRANGEA MACROPHYLLA 'NIKKO BLUE' NIKKO BLUE HYDRANGEA	15 GAL. / 3' HT. MIN.

	3	HYDRANGEA PANICULATA 'LIMELIGHT' (TREE FORM) LIMELIGHT HYDRANGEA	
	8	HYDRANGEA QUERCIFOLIA OAKLEAF HYDRANGEA	15 GAL
	48	LIGUSTRUM JAPONICUM 'EAST BAY' EAST BAY PRIVET	30" HGT. MIN.
	29	LOROPETALUM C. 'RUBY' RUBY LOROPETALUM	7 GAL
	91	NANDINA DOMESTICA 'FIRE POWER' FIREPOWER NANDINA	3 GAL
	9	PIERIS JAPONICA 'VALLEY ROSE' VALLEY ROSE JAPANESE PIERIS	24"x24" MIN.
	26	PODOCARPUS M. MAKI SHRUBBY YEW PODOCARPUS	6' HT. MIN.
	42	PODOCARPUS MACROPHYLLUS 'MAKI' MAKI PODOCARPUS	7 GAL
	35	ROSA FLORIBUNDA 'ICEBERG' ICEBERG ROSE	36" HGT.
	16	ROSA X 'KNOCKOUT' TM ROSE	7 GAL
GROUND COVERS	QTY	BOTANICAL / COMMON NAME	CONT
	873	HEMEROCALLIS X 'HAPPY RETURNS' DAYLILY	1 GAL @ 18" O.C.
	138	LIRIOPE MUSCARI LILYTURF	1 GAL @ 12" O.C.
	107	LIRIOPE MUSCARI 'SILVER DRAGON' SILVER DRAGON LILYTURF	3 GAL
	244	TRACHELOSPERMUM A. 'ASIATIC' ASIATIC JASMINE	1 GAL @ 18" O.C.
SOD/SEED	QTY	BOTANICAL / COMMON NAME	CONT
	236 SF	EREMOCHLOA OPHIUROIDES CENTIPEDE SOD	SOD



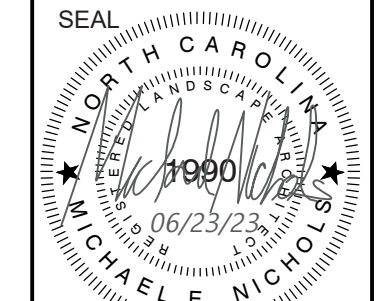
REVISIONS:

CLIENT INFORMATION:  
 CIP CONSTRUCTION COMPANY  
 201 NORTH ELM STREET, STE. 201  
 GREENSBORO, NC 27401

PARAMOUNT ENGINEERING, INC.  
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LANDSCAPE PLAN  
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 MILITARY CUTOFF RD.  
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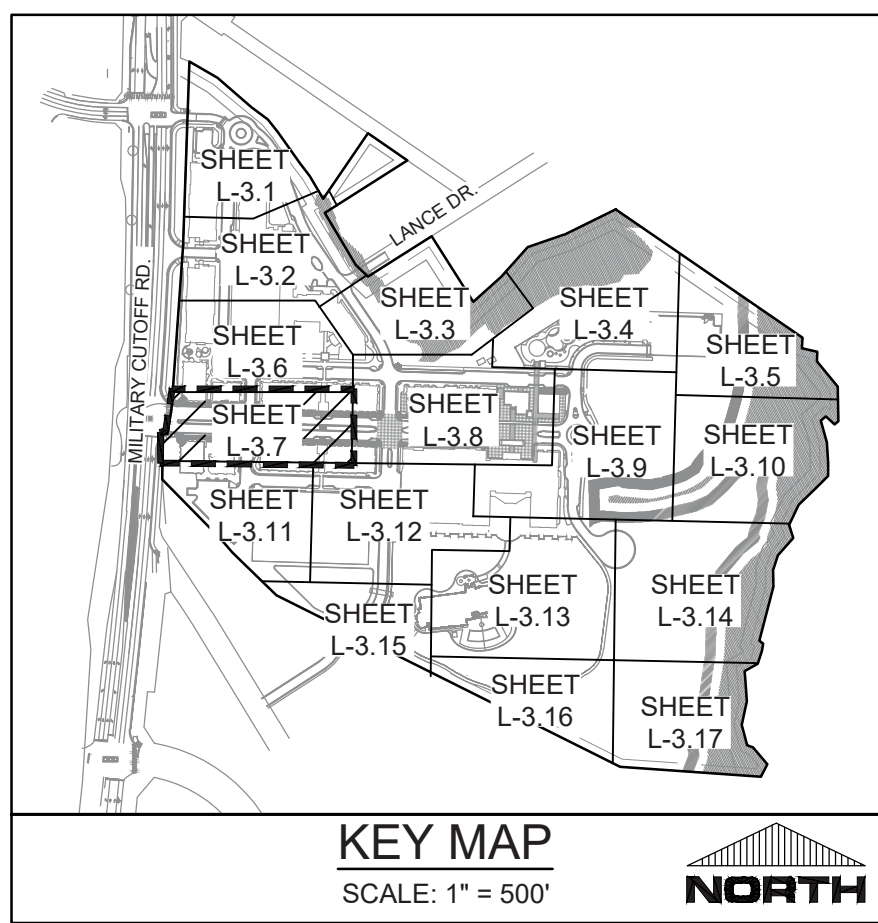
PROJECT STATUS  
 ORIGINAL LAYOUT:  
 FINAL DESIGN: 06/23/23  
 RELEASED FOR CONSTRUCTION: 08/22/2028



L-3.6  
 PEI JOB#: 18473.PE

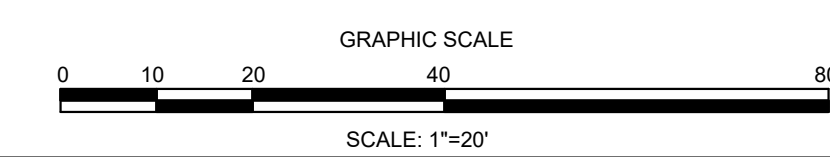
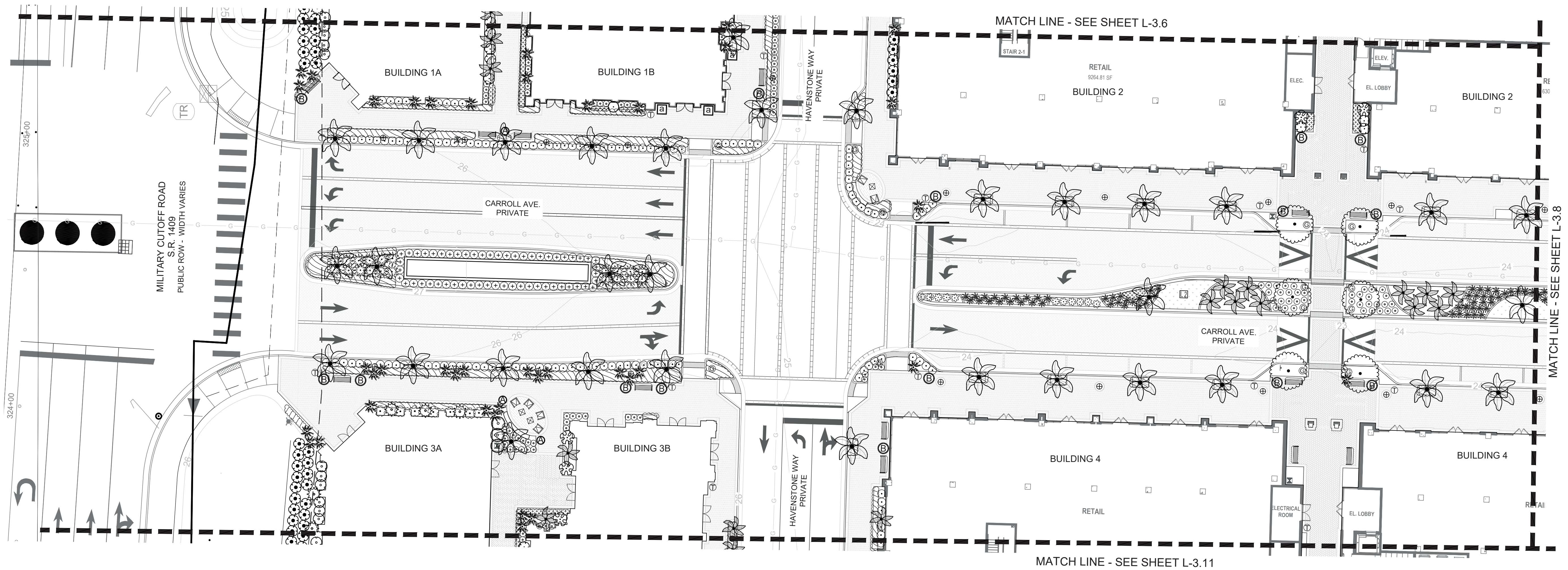
FINAL DESIGN - NOT RELEASED FOR CONSTRUCTION





PLANT SCHEDULE L-3.7			
TREES	QTY	BOTANICAL / COMMON NAME	SIZE
	5	CUPRESSUS SEMPERVIRENS ITALIAN CYPRESS	8' - 10' H
	38	CYCAS REVOLUTA SAGO PALM	15 GAL
	6	LAGERSTROEMIA INDICA X FAURIEI 'NATCHEZ' NATCHEZ CRAPE MYRTLE	12' SINGLE TRUNK
PALM TREES	QTY	BOTANICAL / COMMON NAME	SIZE
	32	SABAL PALMETTO BOOTED AND WOOD BRACED	16" H. BOOTED, MATCHING
	15	TRACHYCARPUS FORTUNEI WINDMILL PALM	30 GAL
SHRUBS	QTY	BOTANICAL / COMMON NAME	CONTAINER
	135	BUXUS M. 'WINTERGREEN' WINTERGREEN BOXWOOD	7 GAL
	1	BUXUS SEMPERVIRENS 'APPALACHIAN PYRAMID' APPALACHIAN PYRAMID COMMON BOXWOOD	4' H
	5	FATSIA JAPONICA JAPANESE ARALIA	7 GAL. - 3' H
	6	HYDRANGEA MACROPHYLLA 'NIKKO BLUE' NIKKO BLUE HYDRANGEA	15 GAL. / 3' HT. MIN.
	7	LIGUSTRUM JAPONICUM 'EAST BAY' EAST BAY PRIVET	30" HGT. MIN.
	7	LOROPETALUM C. 'RUBY' RUBY LOROPETALUM	7 GAL
	95	NANDINA DOMESTICA 'FIRE POWER' FIREPOWER NANDINA	3 GAL.

	3	PITTIOSPORUM T. 'VARIEGATA' VARIEGATED MOCK ORANGE	7 GAL
	25	ROSA FLORIBUNDA 'ICEBERG' ICEBERG ROSE	36" HGT.
	55	ROSMARINUS OFFICINALIS 'ROMAN BEAUTY' ROMAN BEAUTY ROSEMARY	24"X24" MIN.
	20	SABAL MINOR DWARF PALMETTO	7 GAL.
	11	YUCCA FILAMENTOSA 'COLOR GUARD' COLOR GUARD ADAM'S NEEDLE	24"X24" MIN.
ORNAMENTAL GRASSES	QTY	BOTANICAL / COMMON NAME	CONTAINER
	58	MUHLENBERGIA CAPILLARIS PINK MUHLY	3 GAL
GROUND COVERS	QTY	BOTANICAL / COMMON NAME	CONT
	1,031	HEMEROCALLIS X 'HAPPY RETURNS' DAYLILY	1 GAL @ 18" O.C.
	111	LIRIOPE MUSCARI 'SILVER DRAGON' SILVER DRAGON LILYTURF	3 GAL



FINAL DESIGN - NOT RELEASED FOR CONSTRUCTION

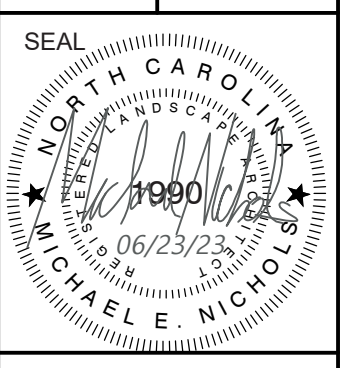
REVISIONS:

CLIENT INFORMATION:  
CIP CONSTRUCTION COMPANY  
201 NORTH ELM STREET, STE. 201  
GREENSBORO, NC 27401

**PARAMOUNT**  
ENGINEERING, INC.  
122 Cinema Drive  
Wilmington, North Carolina 28403  
(910) 791-6707 (O) (910) 791-6760 (F)  
N.C. License #: C-2846

LANDSCAPE PLAN  
CARROLL AT THE AVENUE  
MILITARY CUTOFF RD.  
WILMINGTON, NC 28405

PROJECT STATUS  
ORIGINAL LAYOUT:  
FINAL DESIGN:  
RELEASED FOR CONSTRUCTION:  
DATE: 06/23/2028  
SCALE: 1" = 20'  
DRAWN BY: [Signature]  
CHECKED: [Signature]



**L-3.7**  
PEI JOB#: 18473.PE

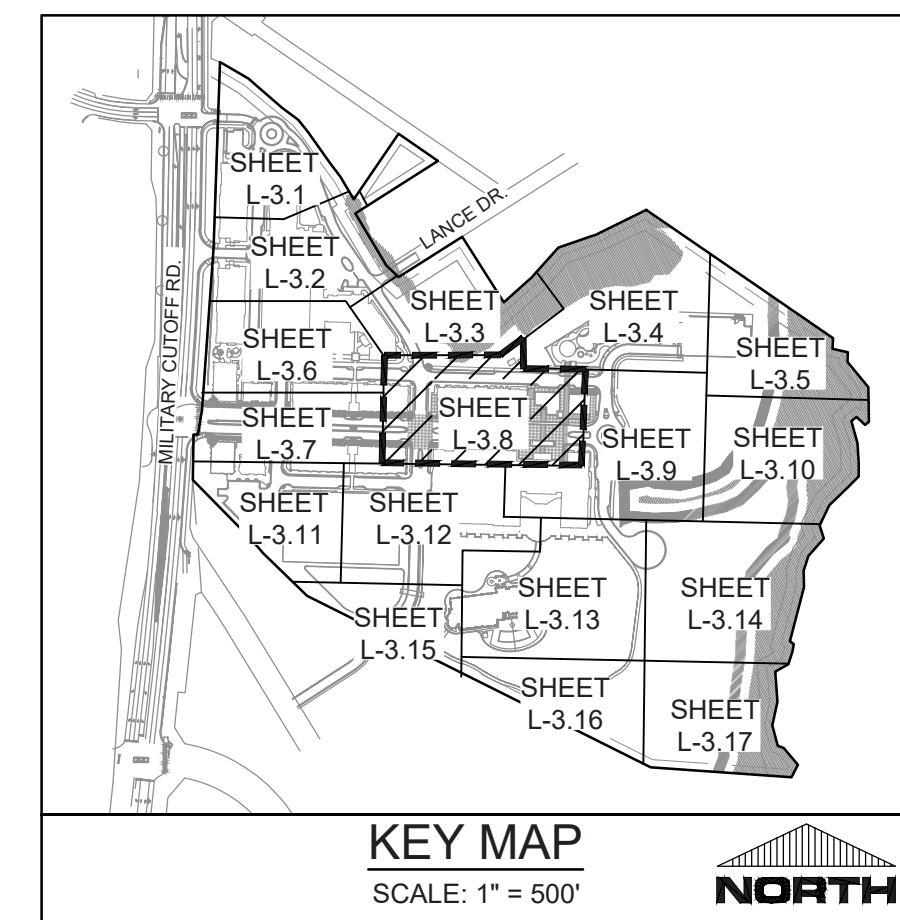
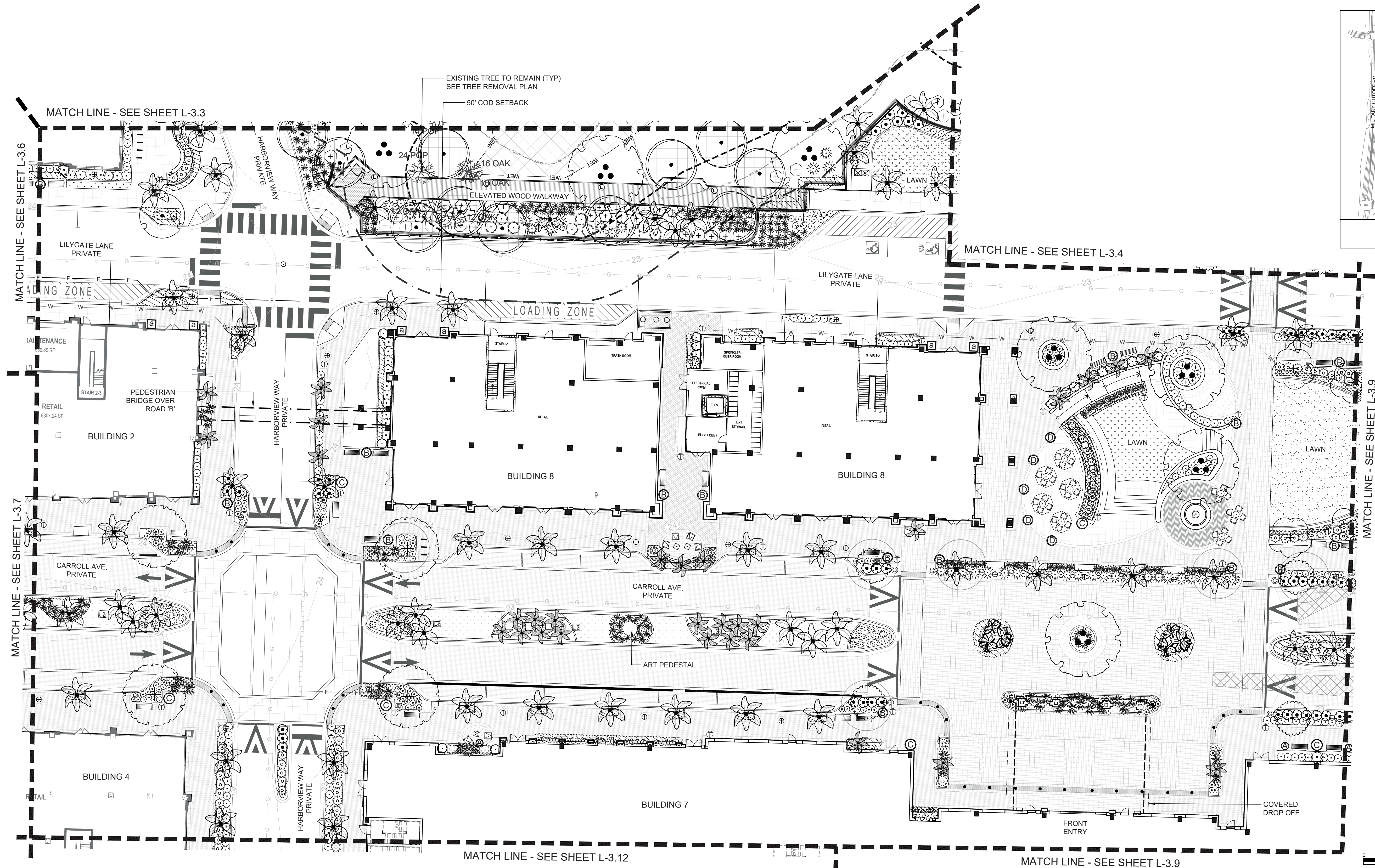


PLANT SCHEDULE L-3.8			
TREES	QTY	BOTANICAL / COMMON NAME	SIZE
	2	CUPRESSUS SEMPERVIRENS ITALIAN CYPRESS	8' - 10' H
	31	CYCAS REVOLUTA SAGO PALM	15 GAL
	3	ERIOBOTRYA JAPONICA LOQUAT	8' H
	4	LAGERSTROEMIA INDICA X FAURIEI 'NATCHEZ' NATCHEZ CRAPE MYRTLE	12' SINGLE TRUNK
	2	TRACHYCARPUS FORTUNEI WINDMILL PALM	GROUP OF 3: 8', 10', 12'
	4	ZELKOVA SERRATA 'AUTUMN GLOW' AUTUMN GLOW JAPANESE ZELKOVA	12' H
CANOPY TREES	QTY	BOTANICAL / COMMON NAME	SIZE

	7	QUERCUS VIRGINIANA SOUTHERN LIVE OAK	16' (MIN.) SPECIMEN
	11	TAXODIUM DISTICHUM BALD CYPRESS	10' - 12' H
	2	ULMUS PARVIFOLIA 'BOSQUE' BOSQUE LACEBARK ELM	12'-14'
PALM TREES	QTY	BOTANICAL / COMMON NAME	SIZE
	54	SABAL PALMETTO BOOTED AND WOOD BRACED	16' H. BOOTED, MATCHING
	30	TRACHYCARPUS FORTUNEI WINDMILL PALM	30 GAL
SHRUBS	QTY	BOTANICAL / COMMON NAME	CONTAINER
	21	AZALEA 'GEORGE L. TABOR' PURPLE TABOR AZALEA	7 GAL.
	137	BUXUS M. 'WINTERGREEN' WINTERGREEN BOXWOOD	7 GAL.
	4	BUXUS SEMPERVIRENS 'APPALACHIAN PYRAMID' APPALACHIAN PYRAMID COMMON BOXWOOD	4' H

	7	DISTYLUM X 'PIDIST-II' BLUE CASCADE® DISTYLUM	24"X24" MIN.
	3	FATSIA JAPONICA JAPANESE ARALIA	7 GAL. - 3' H
	14	HYDRANGEA MACROPHYLLA 'NIKKO BLUE' NIKKO BLUE HYDRANGEA	15 GAL. / 3' HT. MIN.
	22	HYDRANGEA QUERCIFOLIA OAKLEAF HYDRANGEA	15 GAL
	17	LOROPETALUM C. 'RUBY' RUBY LOROPETALUM	7 GAL
	187	NANDINA DOMESTICA 'FIRE POWER' FIREPOWER NANDINA	3 GAL.
	16	PITTOSPORUM TOBIRA 'CNI THREE' MOJØ® JAPANESE PITTOSPORUM	18" X 18" (MIN.)
	56	PODOCARPUS MACROPHYLLUS 'MAKI' MAKI PODOCARPUS	7 GAL.
	40	ROSA FLORIBUNDA 'ICEBERG' ICEBERG ROSE	36" HGT.
	40	ROSA X 'KNOCKOUT' TM ROSE	7 GAL.

	8	ROSMARINUS OFFICINALIS 'ROMAN BEAUTY' ROMAN BEAUTY ROSEMARY	24"X24" MIN.
	44	SABAL MINOR DWARF PALMETTO	7 GAL.
	37	YUCCA FILAMENTOSA 'COLOR GUARD' COLOR GUARD ADAM'S NEEDLE	24"X24" MIN.
ORNAMENTAL GRASSES	QTY	BOTANICAL / COMMON NAME	CONTAINER
	203	MUHLENBERGIA CAPILLARIS PINK MUHLY	3 GAL.
	9	PANICUM VIRGATUM 'CLOUD NINE' CLOUD NINE SWITCH GRASS	7 GAL.
GROUND COVERS	QTY	BOTANICAL / COMMON NAME	CONT.
	830	HEMEROCALLIS X 'HAPPY RETURNS' DAYLILY	1 GAL @ 18" O.C.
	441	LIRIOPE MUSCARI 'SILVER DRAGON' SILVER DRAGON LILYTURF	3 GAL.
	252	ROSMARINUS OFFICINALIS 'PROSTRATUS' DWARF ROSEMARY	1 GAL.
SOD/SEED	QTY	BOTANICAL / COMMON NAME	CONT.
	2,318 SF	EREMOCHLOA OPHIUROIDES CENTIPEDE SOD	SOD



FINAL DESIGN - NOT RELEASED FOR CONSTRUCTION

REVISIONS:

CLIENT INFORMATION:  
**PARAMOUNT ENGINEERING, INC.**  
 122 Cinema Drive  
 Wilmington, North Carolina 28403  
 (910) 791-6707 (O) (910) 791-6760 (F)  
 NC License #: C-2846

LANDSCAPE PLAN  
**CARROLL AT THE AVENUE**  
 MILITARY CUTOFF RD.  
 WILMINGTON, NC 28405

PROJECT STATUS:  
 ORIGINAL LAYOUT:  
 FINAL DESIGN LAYOUT:  
 RELEASED FOR CONSTRUCTION

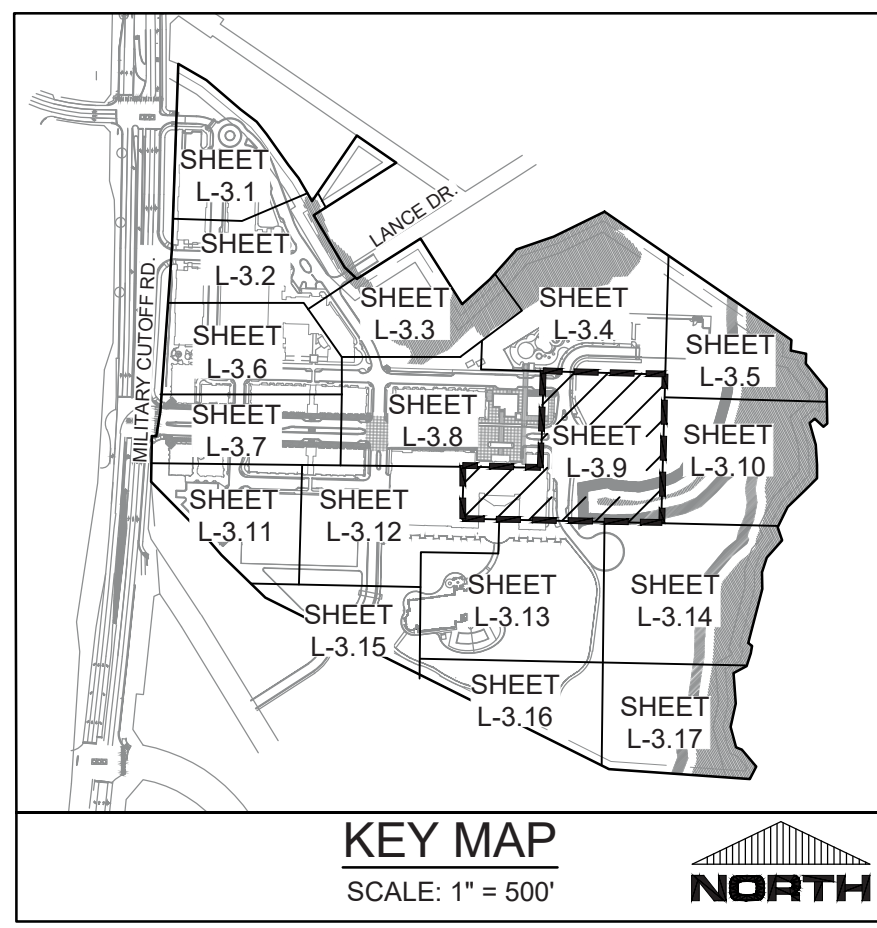
DRAWING INFORMATION:  
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 SCALE: 1" = 20'

SEAL:  
 NORTH CAROLINA  
 1980  
 06/23/23  
 W. CHAEL E. NICHOLS

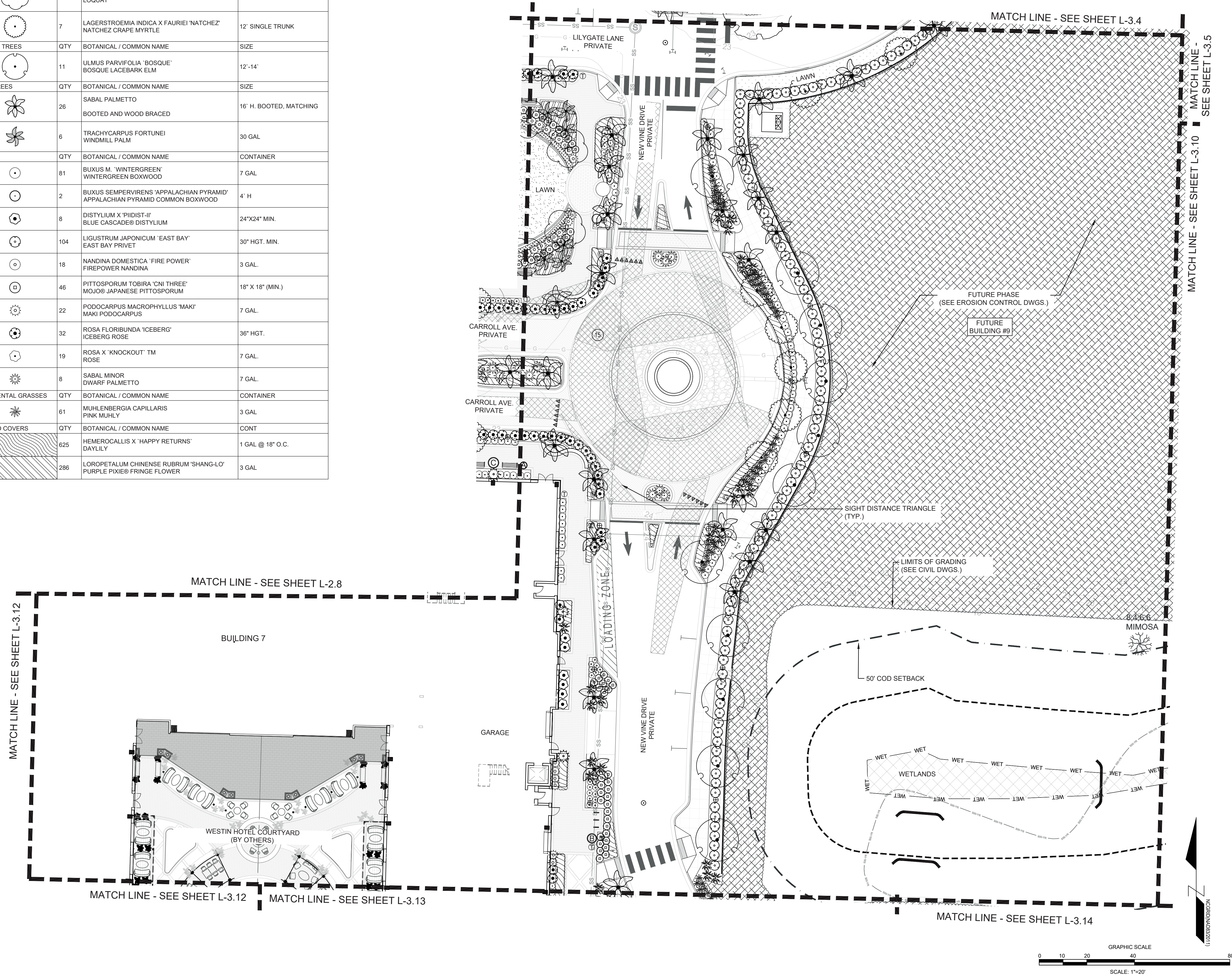
**L-3.8**

PEI JOB#: 18473.PE





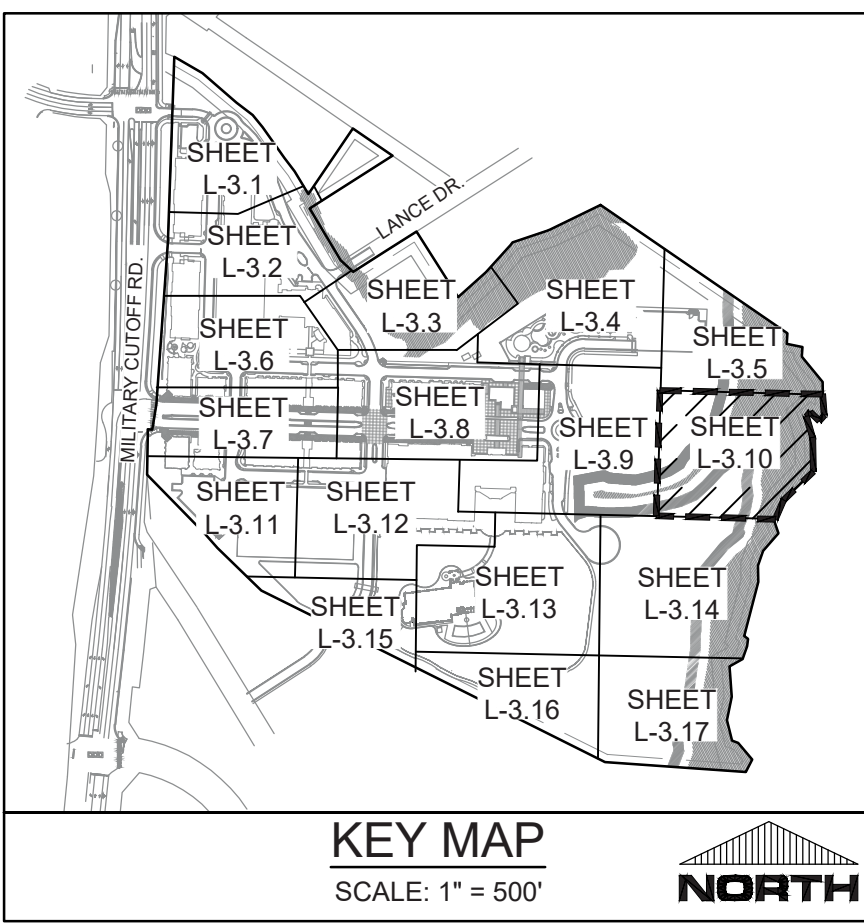
PLANT SCHEDULE L-3.9			
TREES	QTY	BOTANICAL / COMMON NAME	SIZE
	2	CUPRESSUS SEMPERVIRENS ITALIAN CYPRESS	8' - 10' H
	23	CYCAS REVOLUTA SAGO PALM	15 GAL
	2	ERIOBOTRYA JAPONICA LOQUAT	8' H
	7	LAGERSTROEMIA INDICA X FAURIEI 'NATCHEZ' NATCHEZ CRAPE MYRTLE	12' SINGLE TRUNK
CANOPY TREES	QTY	BOTANICAL / COMMON NAME	SIZE
	11	ULMUS PARVIFOLIA 'BOSQUE' BOSQUE LACEBARK ELM	12'-14'
PALM TREES	QTY	BOTANICAL / COMMON NAME	SIZE
	26	SABAL PALMETTO	16' H. BOOTED, MATCHING
	6	TRACHYCARPUS FORTUNEI WINDMILL PALM	30 GAL
SHRUBS	QTY	BOTANICAL / COMMON NAME	CONTAINER
	81	BUXUS M. 'WINTERGREEN' WINTERGREEN BOXWOOD	7 GAL
	2	BUXUS SEMPERVIRENS 'APPALACHIAN PYRAMID' APPALACHIAN PYRAMID COMMON BOXWOOD	4' H
	8	DISTYLIUM X 'PIDIST-II' BLUE CASCADE® DISTYLIUM	24"X24" MIN.
	104	LIGUSTRUM JAPONICUM 'EAST BAY' EAST BAY PRIVET	30" HGT. MIN.
	18	NANDINA DOMESTICA 'FIRE POWER' FIREPOWER NANDINA	3 GAL.
	46	PITTIOSPORUM TOBIRA 'CNI THREE' MOJO® JAPANESE PITTIOSPORUM	18" X 18" (MIN.)
	22	PODOCARPUS MACROPHYLLUS 'MAKI' MAKI PODOCARPUS	7 GAL.
	32	ROSA FLORIBUNDA 'ICEBERG' ICEBERG ROSE	36" HGT.
	19	ROSA X 'KNOCKOUT'™ ROSE	7 GAL.
	8	SABAL MINOR DWARF PALMETTO	7 GAL.
ORNAMENTAL GRASSES	QTY	BOTANICAL / COMMON NAME	CONTAINER
	61	MUHLENBERGIA CAPILLARIS PINK MUHLY	3 GAL.
GROUND COVERS	QTY	BOTANICAL / COMMON NAME	CONT.
	625	HEMEROCALLIS X 'HAPPY RETURNS' DAYLILY	1 GAL @ 18" O.C.
	286	LOROPETALUM CHINENSE RUBRUM 'SHANG-LO' PURPLE PIXIE® FRINGE FLOWER	3 GAL.



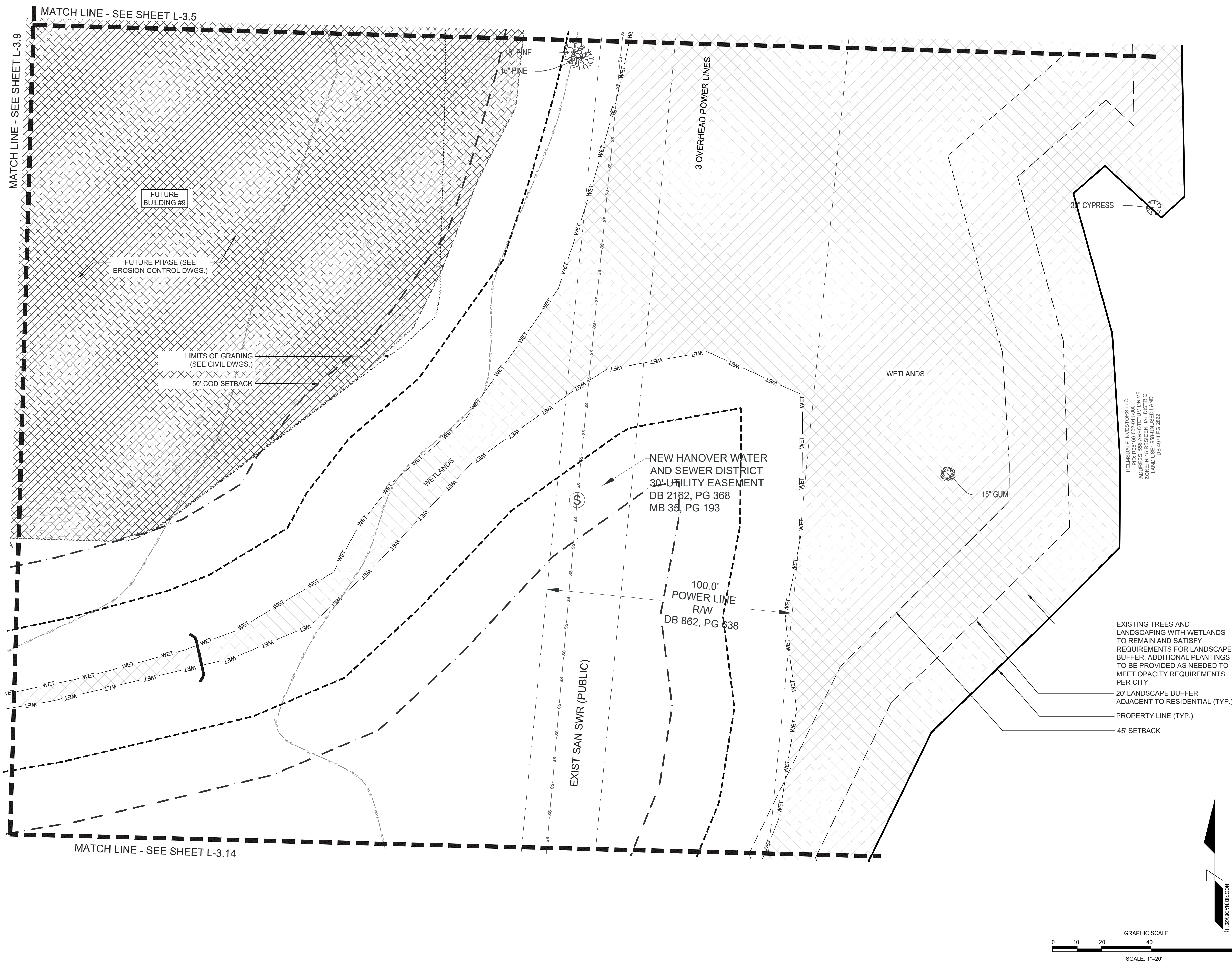
FINAL DESIGN - NOT RELEASED FOR CONSTRUCTION

REVISIONS: CLIENT INFORMATION: <b>PARAMOUNT ENGINEERING, INC.</b> 122 Cinema Drive Wilmington, North Carolina 28403 (910) 791-6707 (O) (910) 791-6760 (F) N.C. License #: C-2846	
LANDSCAPE PLAN CARROLL AT THE AVENUE MILITARY CUTOFF RD. WILMINGTON, NC 28405	
PROJECT STATUS: ORIGINAL LAYOUT: FINAL DESIGN: RELEASED FOR CONSTRUCTION: DATE: 06/23/23 SCALE: 1" = 20' DRAWING NO.: 18473.PE	DRAWING INFORMATION: DATE: 06/23/23 SCALE: 1" = 20' DRAWING NO.: 18473.PE
SEAL: 	
<b>L-3.9</b> PEI JOB#: 18473.PE	



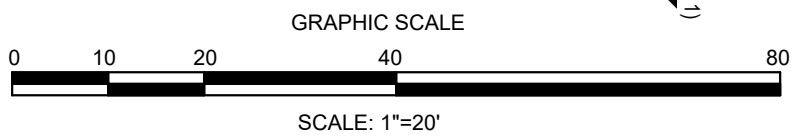


PLANT SCHEDULE L-3.10			
TREES	QTY	BOTANICAL / COMMON NAME	SIZE
NO PROPOSED LANDSCAPING, SHEET L-3.10			



HELMSDALE INVESTORS, LLC  
 ADDRESS: 558 ABBOTSLAM DRIVE  
 ZONE: R-16-RESIDENTIAL DISTRICT  
 LAND: 036 4874 PG 2822

EXISTING TREES AND LANDSCAPING WITH WETLANDS TO REMAIN AND SATISFY REQUIREMENTS FOR LANDSCAPE BUFFER. ADDITIONAL PLANTINGS TO BE PROVIDED AS NEEDED TO MEET OPACITY REQUIREMENTS PER CITY  
 20' LANDSCAPE BUFFER ADJACENT TO RESIDENTIAL (TYP.)  
 PROPERTY LINE (TYP.)  
 45' SETBACK



FINAL DESIGN - NOT RELEASED FOR CONSTRUCTION

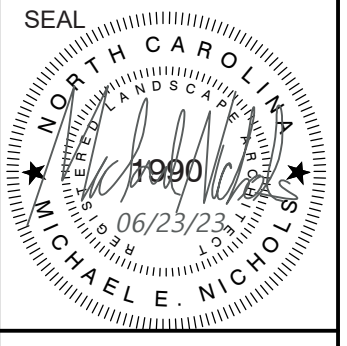
NO.	DATE	REVISIONS

CLIENT INFORMATION:  
 CIP CONSTRUCTION COMPANY  
 201 NORTH ELM STREET, STE. 201  
 GREENSBORO, NC 27401

**PARAMOUNT**  
 ENGINEERING, INC.  
 122 Cinema Drive  
 Wilmington, North Carolina 28403  
 (910) 791-6707 (O) (910) 791-6760 (F)  
 NC License #: C-2846

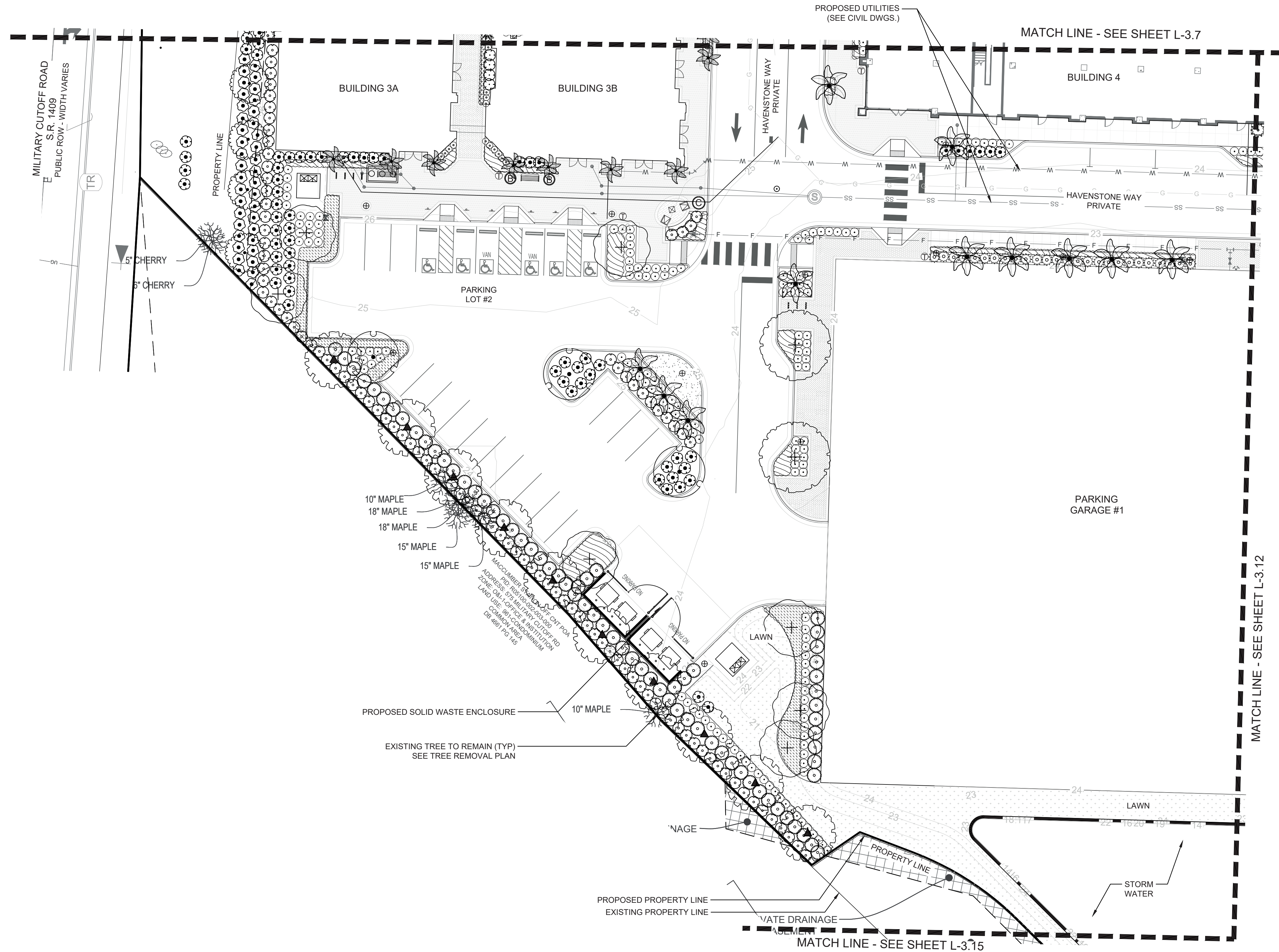
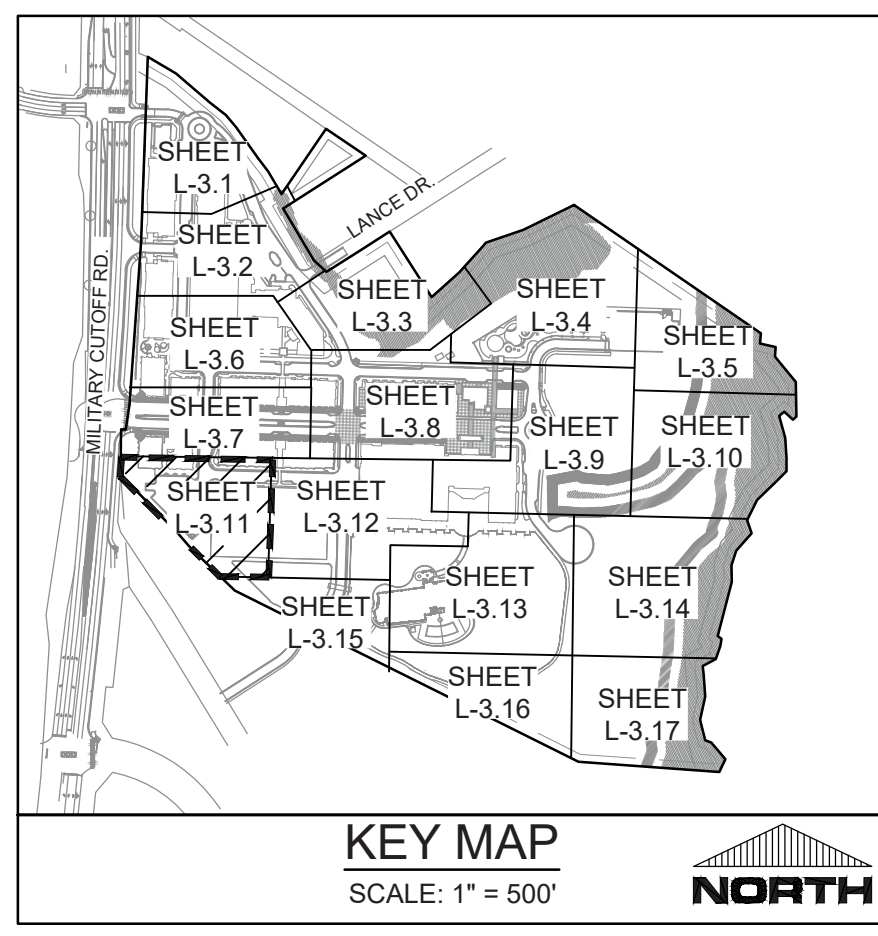
LANDSCAPE PLAN  
 CARROLL AT THE AVENUE  
 MILITARY CUTOFF RD.  
 WILMINGTON, NC 28405

PROJECT STATUS  
 ORIGINAL LAYOUT:  
 FINAL DESIGN:  
 DRAWING INFORMATION  
 DATE: 06/23/23  
 SCALE: 1" = 20'  
 DRAWN BY: [Signature]  
 CHECKED: [Signature]

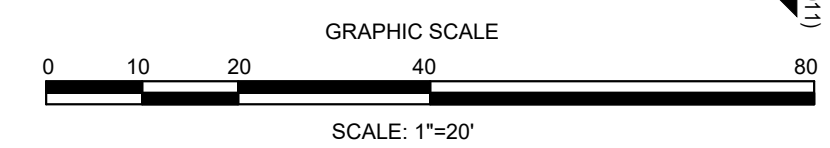


**L-3.10**  
 PEI JOB#: 18473.PE





PLANT SCHEDULE L-3.11			
TREES	QTY	BOTANICAL / COMMON NAME	SIZE
	4	LAGERSTROEMIA INDICA X FAURIEI 'NATCHEZ' NATCHEZ CRAPE MYRTLE	12' SINGLE TRUNK
	10	MAGNOLIA GRANDIFLORA 'ST. MARY' ST. MARY SOUTHERN MAGNOLIA	7' H
	2	ZELKOVA SERRATA 'AUTUMN GLOW' AUTUMN GLOW JAPANESE ZELKOVA	12' H
CANOPY TREES	QTY	BOTANICAL / COMMON NAME	SIZE
	7	QUERCUS NUTTALLII NUTTALL OAK	10' - 12' H
	3	ULMUS PARVIFOLIA 'BOSQUE' BOSQUE LACEBARK ELM	12'-14'
PALM TREES	QTY	BOTANICAL / COMMON NAME	SIZE
	11	SABAL PALMETTO BOOTED AND WOOD BRACED	16' H. BOOTED, MATCHING
	8	TRACHYCARPUS FORTUNEI WINDMILL PALM	30 GAL
SHRUBS	QTY	BOTANICAL / COMMON NAME	CONTAINER
	167	BUXUS M. 'WINTERGREEN' WINTERGREEN BOXWOOD	7 GAL
	39	DISTYLUM X 'PIDIST-I' BLUE CASCADE® DISTYLUM	24"X24" MIN.
	4	HYDRANGEA MACROPHYLLA 'NIKKO BLUE' NIKKO BLUE HYDRANGEA	15 GAL. / 3' HT. MIN.
	103	LIGUSTRUM JAPONICUM 'EAST BAY' EAST BAY PRIVET	30" HGT. MIN.
	15	NANDINA DOMESTICA 'FIRE POWER' FIREPOWER NANDINA	3 GAL.
	70	PITTOSPORUM T. 'VARIEGATA' VARIEGATED MOCK ORANGE	7 GAL.
	26	PODOCARPUS MACROPHYLLUS 'MAKI' MAKI PODOCARPUS	7 GAL.
	64	ROSA FLORIBUNDA 'ICEBERG' ICEBERG ROSE	36" HGT.
GROUND COVERS	QTY	BOTANICAL / COMMON NAME	CONT
	404	HEMEROCALLIS X 'HAPPY RETURNS' DAYLILY	1 GAL @ 18" O.C.
	358	TRACHELOSPERMUM A. 'ASIATIC' ASIATIC JASMINE	1 GAL @ 18" O.C.
SOD/SEED	QTY	BOTANICAL / COMMON NAME	CONT
	249 SF	EREMOCHLOA OPHIUROIDES CENTIPEDE SOD	SOD



FINAL DESIGN - NOT RELEASED FOR CONSTRUCTION

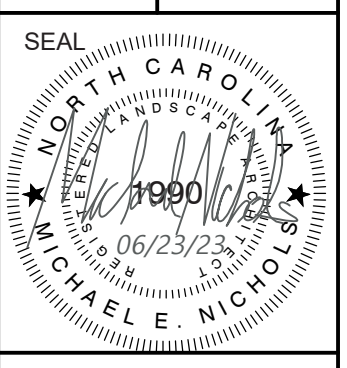
REVISIONS:

CLIENT INFORMATION:  
CIP CONSTRUCTION COMPANY  
201 NORTH ELM STREET, STE. 201  
GREENSBORO, NC 27401

**PARAMOUNT**  
ENGINEERING, INC.  
122 Cinema Drive  
Wilmington, North Carolina 28403  
(910) 791-6707 (O) (910) 791-6700 (F)  
NC License #: C-2846

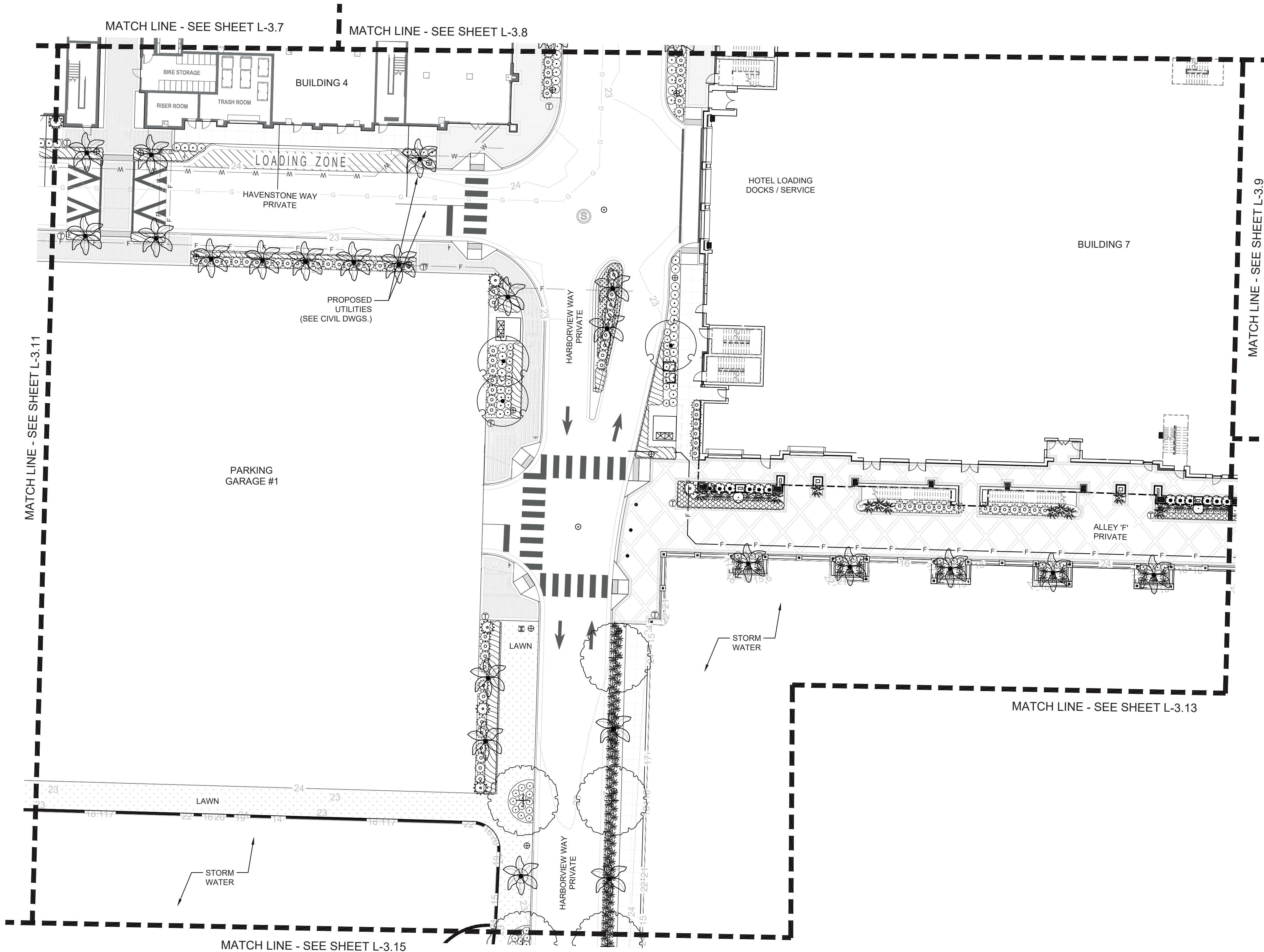
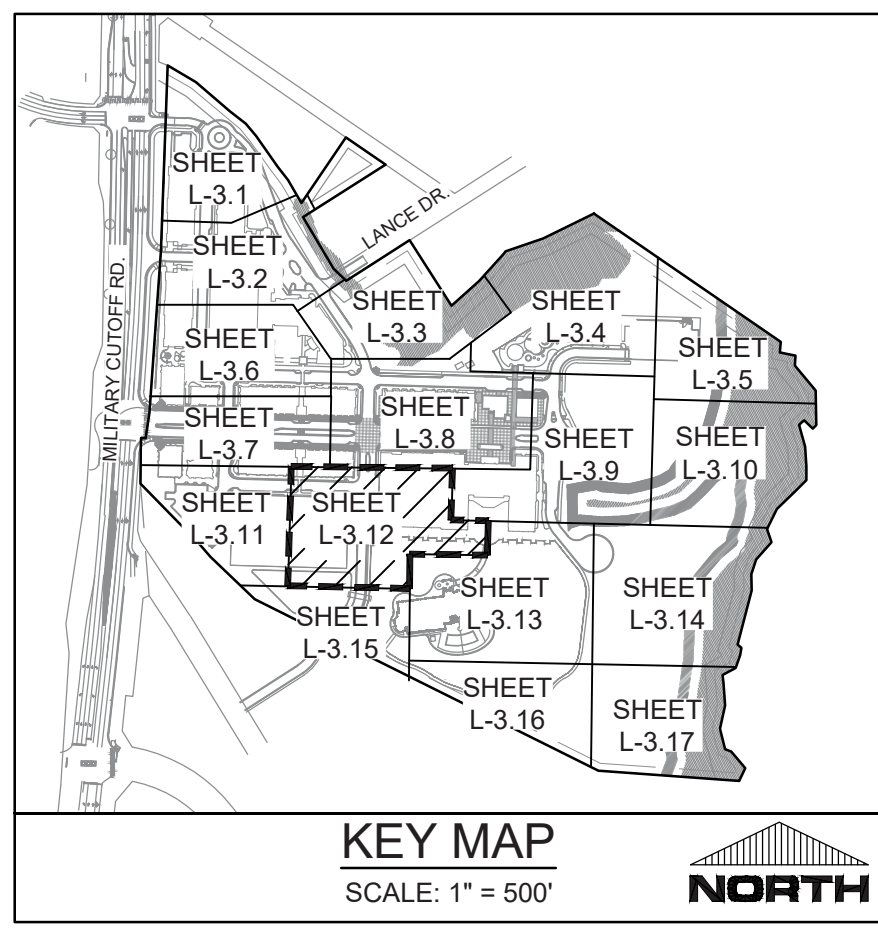
LANDSCAPE PLAN  
CARROLL AT THE AVENUE  
MILITARY CUTOFF RD.  
WILMINGTON, NC 28405

PROJECT STATUS:  
ORIGINAL LAYOUT:  
FINAL DESIGN:  
RELEASED FOR CONSTRUCTION:  
DATE: 08/23/2023  
SCALE: 1" = 20'  
DRAWN BY: MICHAEL NICHOLS  
CHECKED BY: MICHAEL NICHOLS



**L-3.11**  
PEI JOB#: 18473.PE





PLANT SCHEDULE L-3.12			
TREES	QTY	BOTANICAL / COMMON NAME	SIZE
	5	CUPRESSUS SEMPERVIRENS ITALIAN CYPRESS	8' - 10' H
	11	CYCAS REVOLUTA SAGO PALM	15 GAL
	3	ZELKOVA SERRATA 'AUTUMN GLOW' AUTUMN GLOW JAPANESE ZELKOVA	12' H
CANOPY TREES	QTY	BOTANICAL / COMMON NAME	SIZE
	3	ULMUS PARVIFOLIA 'BOSQUE' BOSQUE LACEBARK ELM	12'-14'
PALM TREES	QTY	BOTANICAL / COMMON NAME	SIZE
	23	SABAL PALMETTO BOODED AND WOOD BRACED	16' H. BOODED, MATCHING
SHRUBS	QTY	BOTANICAL / COMMON NAME	CONTAINER
	45	BUXUS M. 'WINTERGREEN' WINTERGREEN BOXWOOD	7 GAL
	2	BUXUS SEMPERVIRENS 'APPALACHIAN PYRAMID' APPALACHIAN PYRAMID COMMON BOXWOOD	4' H
	83	PODOCARPUS MACROPHYLLUS 'MAKI' MAKI PODOCARPUS	7 GAL
	12	ROSA FLORIBUNDA 'ICEBERG' ICEBERG ROSE	36" HGT.
	53	ROSA X 'KNOCKOUT' TM ROSE	7 GAL
ORNAMENTAL GRASSES	QTY	BOTANICAL / COMMON NAME	CONTAINER
	114	MUHLENBERGIA CAPILLARIS PINK MUHLY	3 GAL
GROUND COVERS	QTY	BOTANICAL / COMMON NAME	CONT
	479	HEMEROCALLIS X 'HAPPY RETURNS' DAYLILY	1 GAL @ 18" O.C.
	61	LIRIOPE MUSCARI 'SILVER DRAGON' SILVER DRAGON LILYTURF	3 GAL
	140	ROSMARINUS OFFICINALIS 'PROSTRATUS' DWARF ROSEMARY	1 GAL

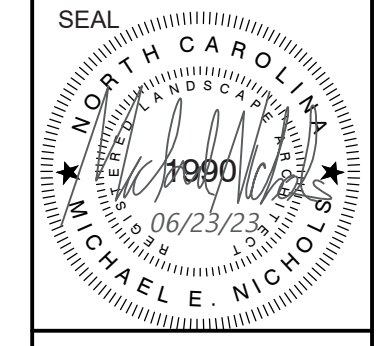
REVISIONS:

CLIENT INFORMATION:  
**CIP CONSTRUCTION COMPANY**  
 201 NORTH ELM STREET, STE. 201  
 GREENSBORO, NC 27401

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 Wilmington, North Carolina 28403  
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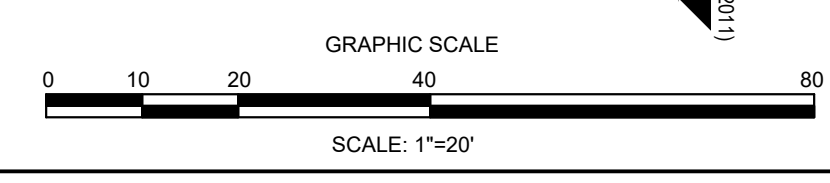
LANDSCAPE PLAN  
**CARROLL AT THE AVENUE**  
 MILITARY CUTOFF RD.  
 WILMINGTON, NC 28405

PROJECT STATUS:  
 ORIGINAL LAYOUT:  
 ORIGINAL LAYOUT:  
 FINAL DESIGN: 06/23/23  
 RELEASED FOR CONSTRUCTION: 06/23/23

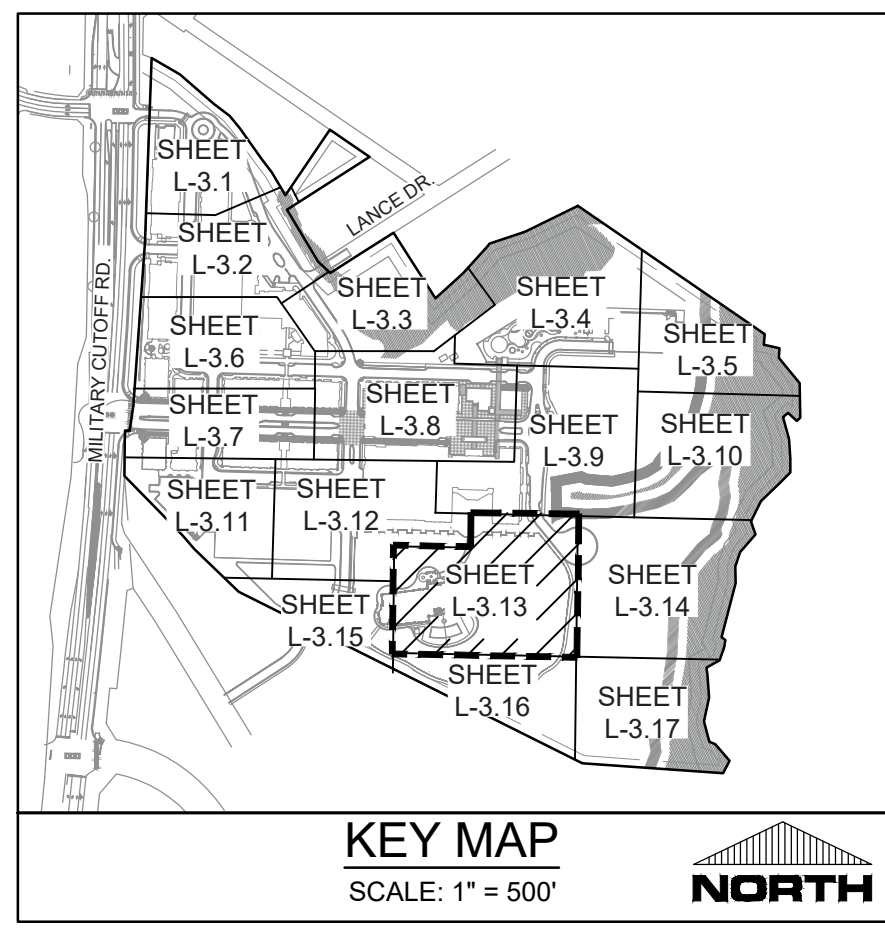


**L-3.12**  
 PEI JOB#: 18473.PE

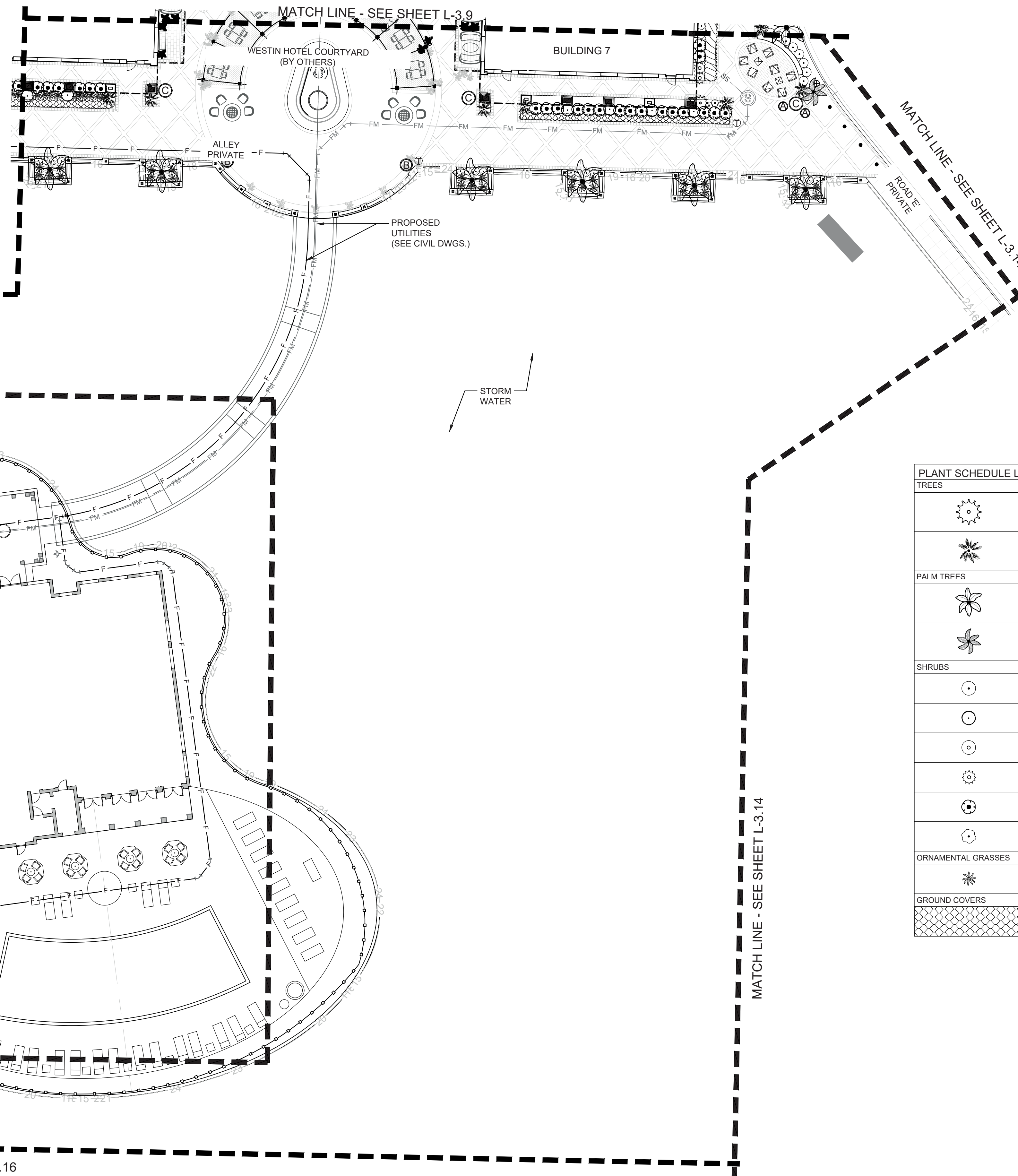
FINAL DESIGN - NOT RELEASED FOR CONSTRUCTION







KEY MAP  
SCALE: 1" = 500'



PLANT SCHEDULE L-3.13			
TREES	QTY	BOTANICAL / COMMON NAME	SIZE
	1	CUPRESSUS SEMPERVIRENS ITALIAN CYPRESS	8' - 10' H
	6	CYCAS REVOLUTA SAGO PALM	15 GAL
PALM TREES	QTY	BOTANICAL / COMMON NAME	SIZE
	6	SABAL PALMETTO BOOTED AND WOOD BRACED	16' H. BOOTED, MATCHING
	1	TRACHYCARPUS FORTUNEI WINDMILL PALM	30 GAL
SHRUBS	QTY	BOTANICAL / COMMON NAME	CONTAINER
	6	BUXUS M. 'WINTERGREEN' WINTERGREEN BOXWOOD	7 GAL
	6	BUXUS SEMPERVIRENS 'APPALACHIAN PYRAMID' APPALACHIAN PYRAMID COMMON BOXWOOD	4' H
	3	NANDINA DOMESTICA 'FIRE POWER' FIREPOWER NANDINA	3 GAL.
	2	PODOCARPUS MACROPHYLLUS 'MAKI' MAKI PODOCARPUS	7 GAL.
	23	ROSA FLORIBUNDA 'ICEBERG' ICEBERG ROSE	36" HGT.
	25	ROSA X 'KNOCKOUT' TM ROSE	7 GAL.
ORNAMENTAL GRASSES	QTY	BOTANICAL / COMMON NAME	CONTAINER
	39	MUHLENBERGIA CAPILLARIS PINK MUHLY	3 GAL
GROUND COVERS	QTY	BOTANICAL / COMMON NAME	CONT
	283	ROSMARINUS OFFICINALIS 'PROSTRATUS' DWARF ROSEMARY	1 GAL

FINAL DESIGN - NOT RELEASED FOR CONSTRUCTION

NO.	DATE	DESCRIPTION

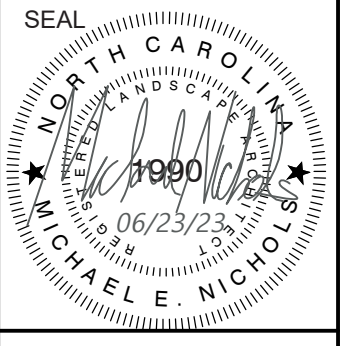
CLIENT INFORMATION:  
CIP CONSTRUCTION COMPANY  
201 NORTH ELM STREET, STE. 201  
GREENSBORO, NC 27401

**PARAMOUNT**  
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122 Cinema Drive  
Wilmington, North Carolina 28403  
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N.C. License #: C-2846

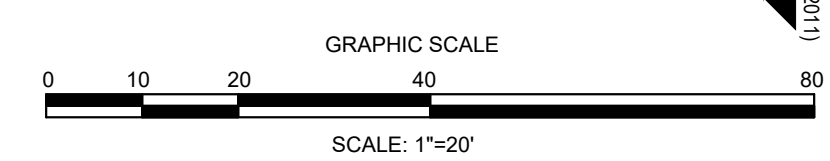
LANDSCAPE PLAN  
CARROLL AT THE AVENUE  
MILITARY CUTOFF RD.  
WILMINGTON, NC 28405

PROJECT STATUS  
ORIGINAL LAYOUT:  
FINAL DESIGN: 06/23/23  
RELEASED FOR CONSTRUCTION: 06/23/23

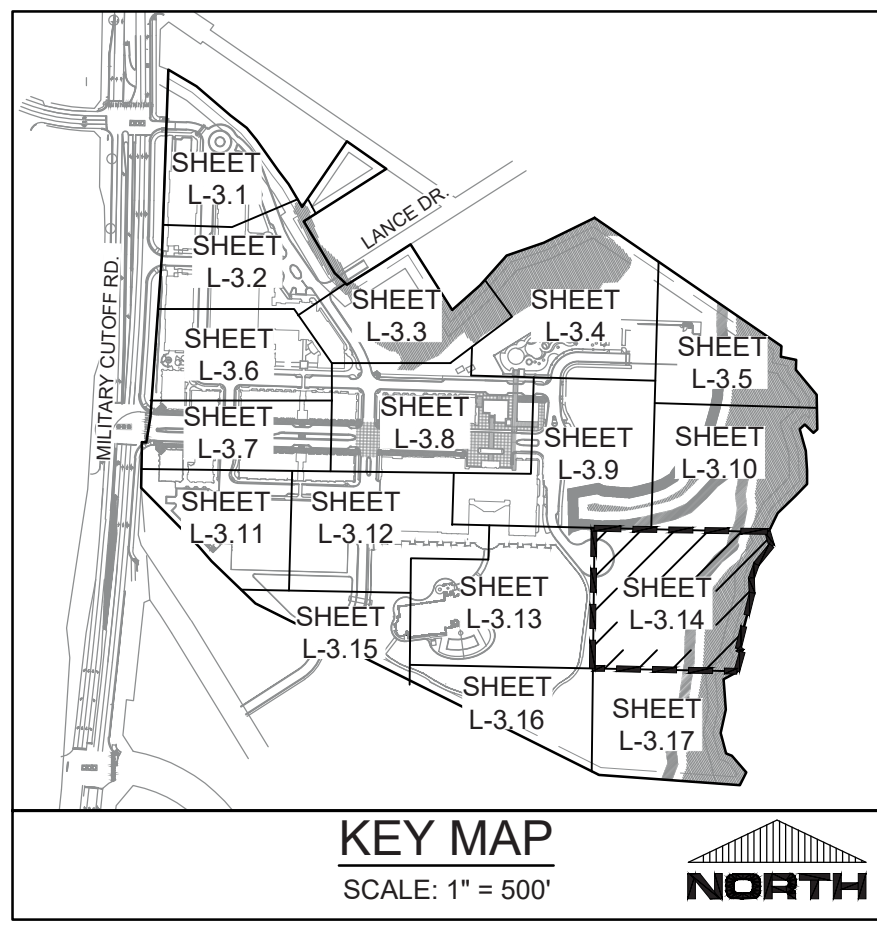
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DATE: 06/23/23  
SCALE: 1" = 20'  
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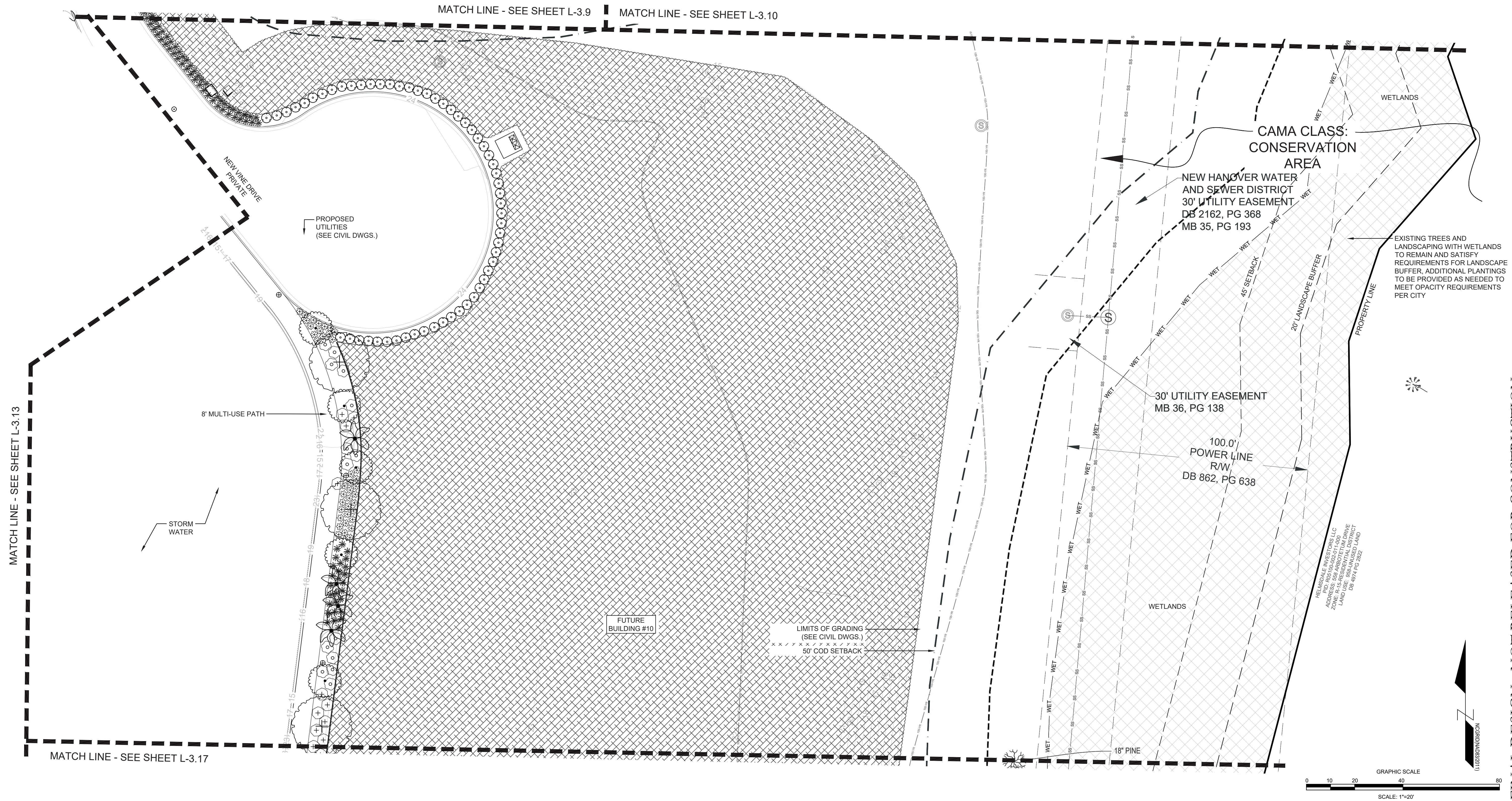
**L-3.13**  
PEI JOB#: 18473.PE







PLANT SCHEDULE L-3.14			
TREES	QTY	BOTANICAL / COMMON NAME	SIZE
	5	LAGERSTROEMIA INDICA X FAURIEI 'NATCHEZ' NATCHEZ CRAPE MYRTLE	12' SINGLE TRUNK
	3	ZELKOVA SERRATA 'AUTUMN GLOW' AUTUMN GLOW JAPANESE ZELKOVA	12' H
PALM TREES	QTY	BOTANICAL / COMMON NAME	SIZE
	4	SABAL PALMETTO BOOTED AND WOOD BRACED	16' H, BOOTED, MATCHING
SHRUBS	QTY	BOTANICAL / COMMON NAME	CONTAINER
	39	AZALEA 'RED RUFFLES' RED RUFFLES AZALEA	3 GAL
	12	AZALEA L 'GEORGE L TABOR' PURPLE TABOR AZALEA	7 GAL
	14	Buddleia DAVIDII 'BLACK KNIGHT' BLACK KNIGHT BUTTERFLY BUSH	7 GAL
	57	LIGUSTRUM JAPONICUM 'EAST BAY' EAST BAY PRIVET	30" HGT. MIN.
ORNAMENTAL GRASSES	QTY	BOTANICAL / COMMON NAME	CONTAINER
	74	MUHLENBERGIA CAPILLARIS PINK MUHLY	3 GAL



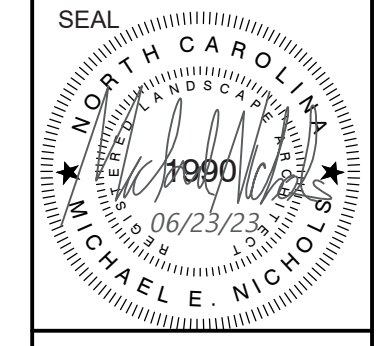
REVISIONS:

CLIENT INFORMATION:  
CIP CONSTRUCTION COMPANY  
201 NORTH ELM STREET, STE. 201  
GREENSBORO, NC 27401

**PARAMOUNT**  
ENGINEERING, INC.  
122 Cinema Drive  
Wilmington, North Carolina 28403  
(910) 791-6707 (O) (910) 791-6760 (F)  
NC License #: C-2846

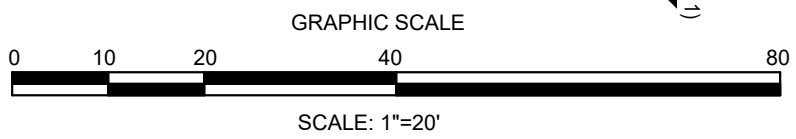
LANDSCAPE PLAN  
CARROLL AT THE AVENUE  
MILITARY CUTOFF RD.  
WILMINGTON, NC 28405

PROJECT STATUS:  
ORIGINAL LAYOUT:  
FINAL DESIGN:  
RELEASED FOR CONSTRUCTION:  
DRAWING INFORMATION:  
DATE: 06/23/23  
SCALE: 1" = 20'  
DRAWN BY: [Signature]  
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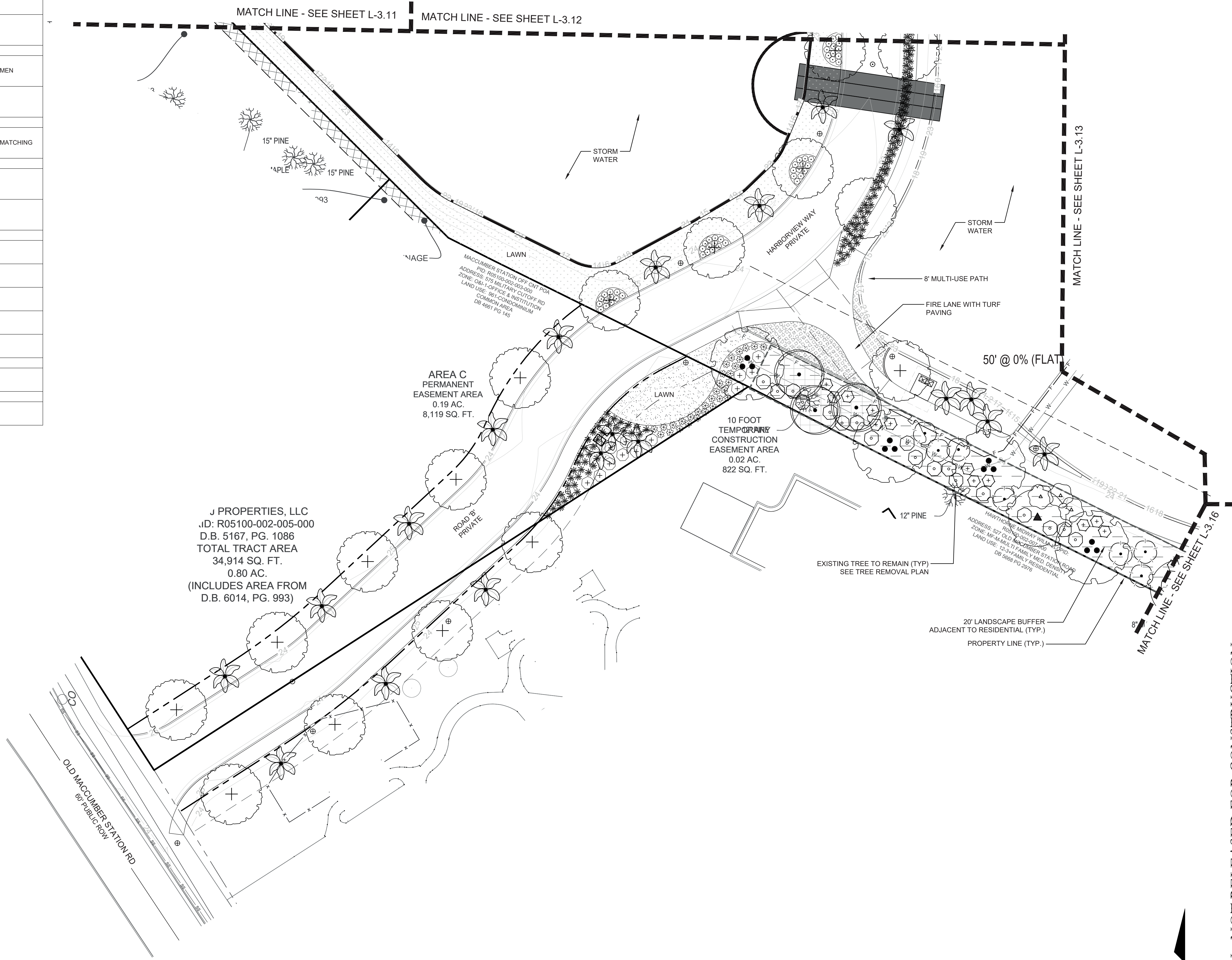
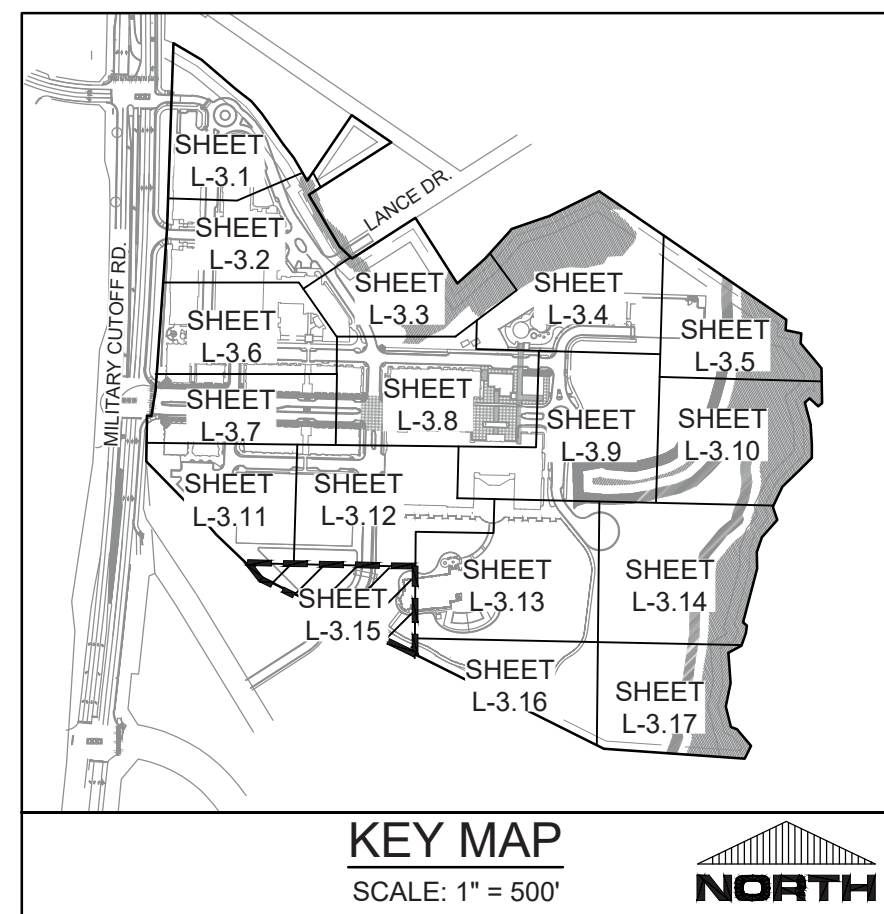
**L-3.14**  
PEI JOB#: 18473.PE

FINAL DESIGN - NOT RELEASED FOR CONSTRUCTION





PLANT SCHEDULE L-3.15			
TREES	QTY	BOTANICAL / COMMON NAME	SIZE
	1	LIRIODENDRON TULIPIFERA TULIP POPLAR	7'-8" H
	10	ZELKOVA SERRATA 'AUTUMN GLOW' AUTUMN GLOW JAPANESE ZELKOVA	12' H
CANOPY TREES	QTY	BOTANICAL / COMMON NAME	SIZE
	4	QUERCUS VIRGINIANA SOUTHERN LIVE OAK	16' (MIN.) SPECIMEN
	3	TAXODIUM DISTICHUM BALD CYPRESS	10' - 12' H
PALM TREES	QTY	BOTANICAL / COMMON NAME	SIZE
	13	SABAL PALMETTO BOOTED AND WOOD BRACED	16' H. BOOTED, MATCHING
SMALL EVERGREEN TREES	QTY	BOTANICAL / COMMON NAME	SIZE
	7	ILEX VOMITORIA 'PENDULA' WEeping YAUPON HOLLY MALE AND FEMALE MIX	8' HT.
	3	MAGNOLIA G. 'LITTLE GEM' DWARF SOUTHERN MAGNOLIA	8' H
SHRUBS	QTY	BOTANICAL / COMMON NAME	CONTAINER
	31	AZALEA 'RED RUFFLES' RED RUFFLES AZALEA	3 GAL
	12	AZALEA L. 'GEORGE L. TABOR' PURPLE TABOR AZALEA	7 GAL
	12	HYDRANGEA QUERCIFOLIA OAKLEAF HYDRANGEA	15 GAL
	46	ROSA X 'KNOCKOUT'™ ROSE	7 GAL
	18	TERNSTROEMIA GYMNANTHERA JAPANESE CLEYERA	3' HT (MIN.)
ORNAMENTAL GRASSES	QTY	BOTANICAL / COMMON NAME	CONTAINER
	109	MUHLENBERGIA CAPILLARIS PINK MUHLY	3 GAL
SOD/SEED	QTY	BOTANICAL / COMMON NAME	CONT
	1,439 SF	EREMOCHLOA OPHIUROIDES CENTIPEDE SOD	SOD



J PROPERTIES, LLC  
 .ID: R05100-002-005-000  
 D.B. 5167, PG. 1086  
 TOTAL TRACT AREA  
 34,914 SQ. FT.  
 0.80 AC.  
 (INCLUDES AREA FROM  
 D.B. 6014, PG. 993)

FINAL DESIGN - NOT RELEASED FOR CONSTRUCTION

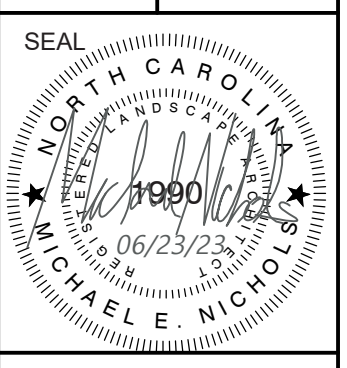
NO.	DATE	REVISIONS

CLIENT INFORMATION:  
**CIP CONSTRUCTION COMPANY**  
 201 NORTH ELM STREET, STE. 201  
 GREENSBORO, NC 27401

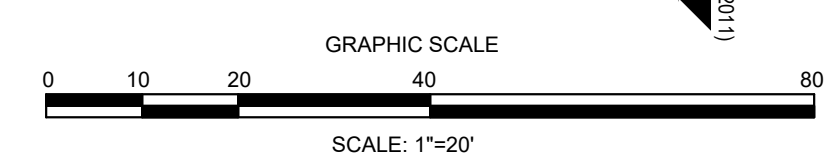
**PARAMOUNT ENGINEERING, INC.**  
 122 Cinema Drive  
 Wilmington, North Carolina 28403  
 (910) 791-6707 (O) (910) 791-6760 (F)  
 N.C. License #: C-2846

LANDSCAPE PLAN  
**CARROLL AT THE AVENUE**  
 MILITARY CUTOFF RD.  
 WILMINGTON, NC 28405

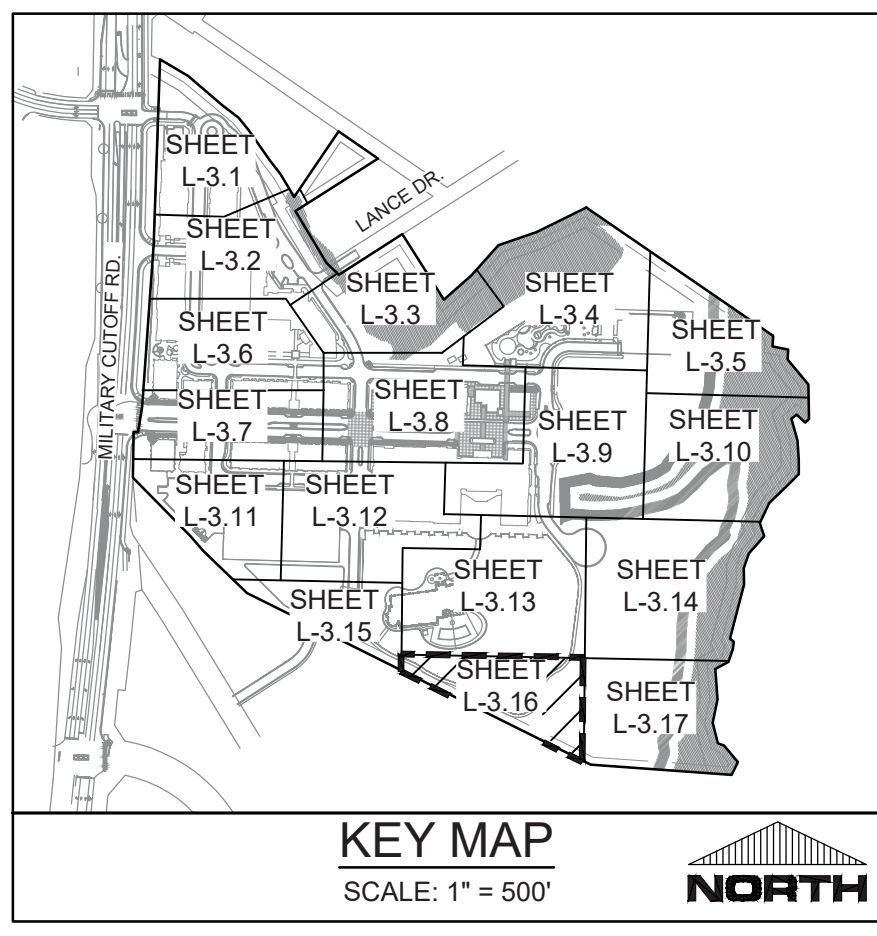
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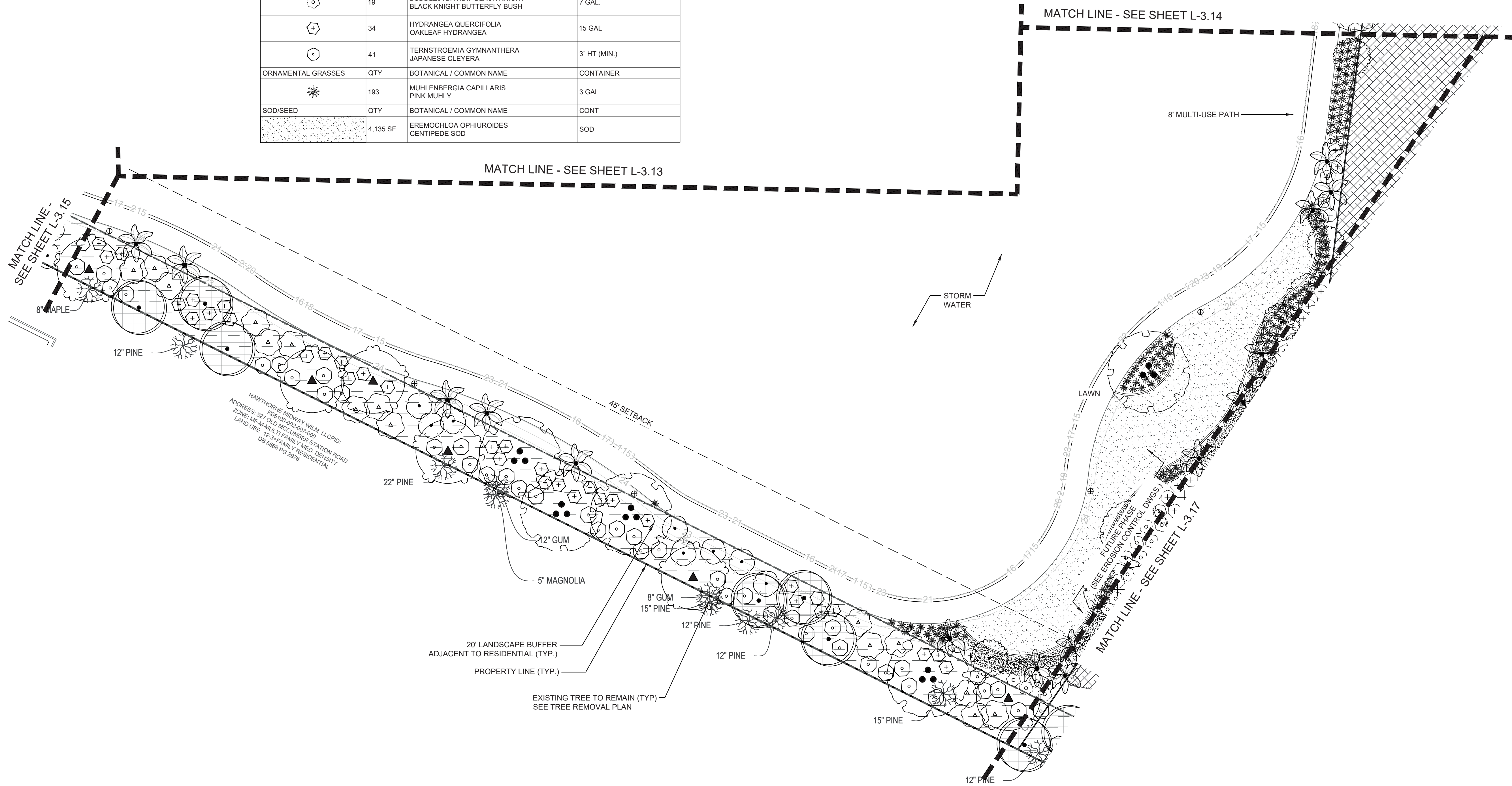
**L-3.15**  
 PEI JOB#: 18473.PE



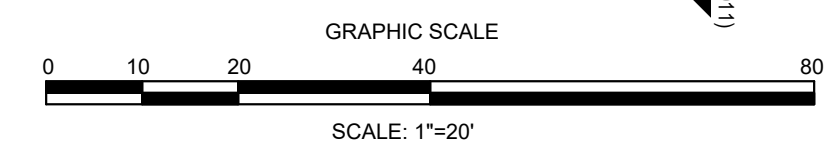




PLANT SCHEDULE L-3.16			
TREES	QTY	BOTANICAL / COMMON NAME	SIZE
	4	LAGERSTROEMIA INDICA X FAURIEI 'NATCHEZ' NATCHEZ CRAPE MYRTLE	12" SINGLE TRUNK
	6	LIRIODENDRON TULIPIFERA TULIP POPLAR	7'-8" H
	4	ZELKOVA SERRATA 'AUTUMN GLOW' AUTUMN GLOW JAPANESE ZELKOVA	12" H
CANOPY TREES	QTY	BOTANICAL / COMMON NAME	SIZE
	5	QUERCUS VIRGINIANA SOUTHERN LIVE OAK	16" (MIN.) SPECIMEN
	6	TAXODIUM DISTICHUM BALD CYPRESS	10' - 12' H
PALM TREES	QTY	BOTANICAL / COMMON NAME	SIZE
	16	SABAL PALMETTO	16" H. BOOTED, MATCHING
SMALL EVERGREEN TREES	QTY	BOTANICAL / COMMON NAME	SIZE
	8	ILEX VOMITORIA 'PENDULA' WEeping YAUPON HOLLY MALE AND FEMALE MIX	8" HT.
	15	MAGNOLIA G. 'LITTLE GEM' DWARF SOUTHERN MAGNOLIA	8" H
SHRUBS	QTY	BOTANICAL / COMMON NAME	CONTAINER
	98	AZALEA 'RED RUFFLES' RED RUFFLES AZALEA	3 GAL.
	18	AZALEA I. 'GEORGE L. TABOR' PURPLE TABOR AZALEA	7 GAL.
	19	BUDDLEIA DAVIDII 'BLACK KNIGHT' BLACK KNIGHT BUTTERFLY BUSH	7 GAL.
	34	HYDRANGEA QUERCIFOLIA OAKLEAF HYDRANGEA	15 GAL.
	41	TERNSTROEMIA GYMNANTHERA JAPANESE CLEYERA	3" HT (MIN.)
ORNAMENTAL GRASSES	QTY	BOTANICAL / COMMON NAME	CONTAINER
	193	MUHLENBERGIA CAPILLARIS PINK MUHLY	3 GAL.
SOD/SEED	QTY	BOTANICAL / COMMON NAME	CONT.
	4,135 SF	EREMOCHLOA OPHIUROIDES CENTIPEDE SOD	SOD



HAWTHORNE MIWAY WILM. LLC/D/D:  
 15500 DUNWOODY RD.  
 ADDRESS: 57 OLD HICKUMBER STATION ROAD  
 ZONE: MF-HMULTI FAMILY MED. DENSITY  
 LAND USE: 12-33 FAMILY RESIDENTIAL  
 DB 8888 PG 2076



FINAL DESIGN - NOT RELEASED FOR CONSTRUCTION

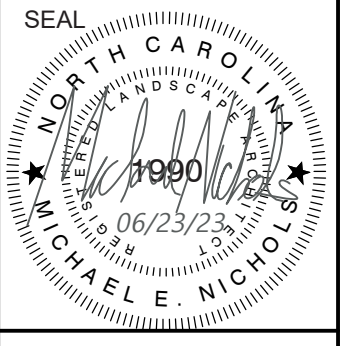
NO.	DATE	DESCRIPTION

CLIENT INFORMATION:  
 CIP CONSTRUCTION COMPANY  
 201 NORTH ELM STREET, STE. 201  
 GREENSBORO, NC 27401

**PARAMOUNT**  
 ENGINEERING, INC.  
 122 Cinema Drive  
 Wilmington, North Carolina 28403  
 (910) 791-6707 (O) (910) 791-6760 (F)  
 N.C. License #: C-2846

LANDSCAPE PLAN  
 CARROLL AT THE AVENUE  
 MILITARY CUTOFF RD.  
 WILMINGTON, NC 28405

PROJECT STATUS:  
 ORIGINAL LAYOUT:  
 FINAL DESIGN: 06/23/23  
 RELEASED FOR CONSTRUCTION:  
 DATE: 06/23/23  
 SCALE: 1" = 20'  
 DRAWN BY: M. N.  
 CHECKED: M. N.

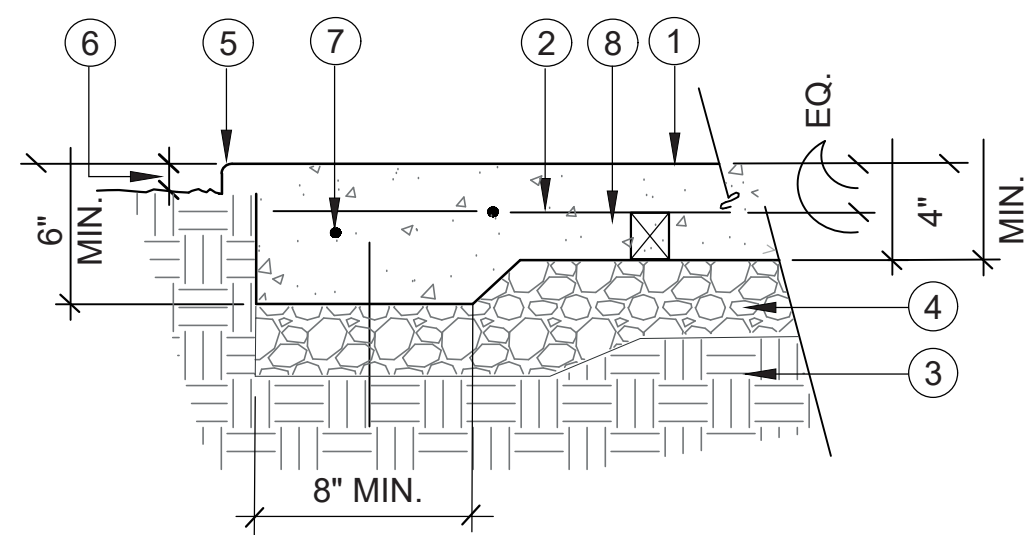


**L-3.16**  
 PEI JOB#: 18473.PE



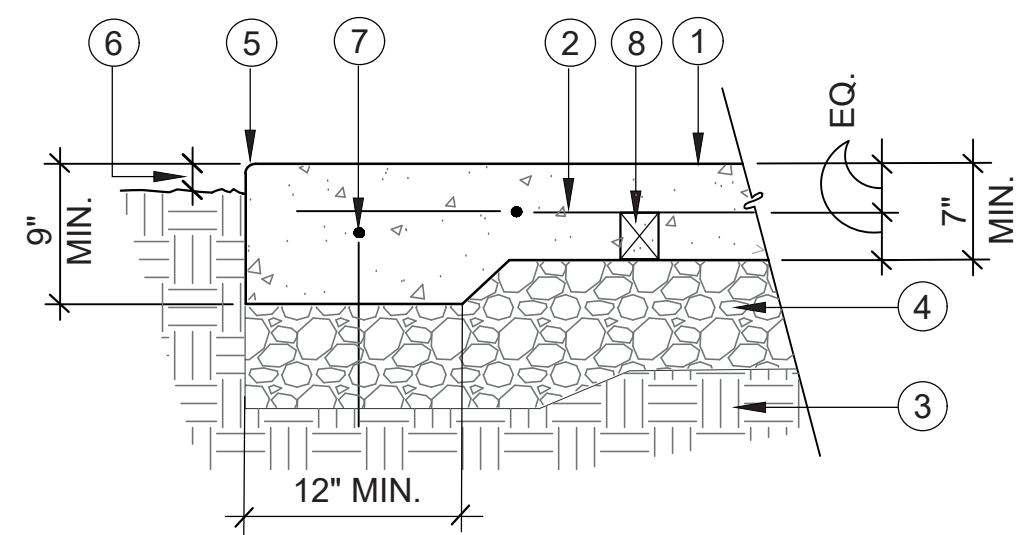






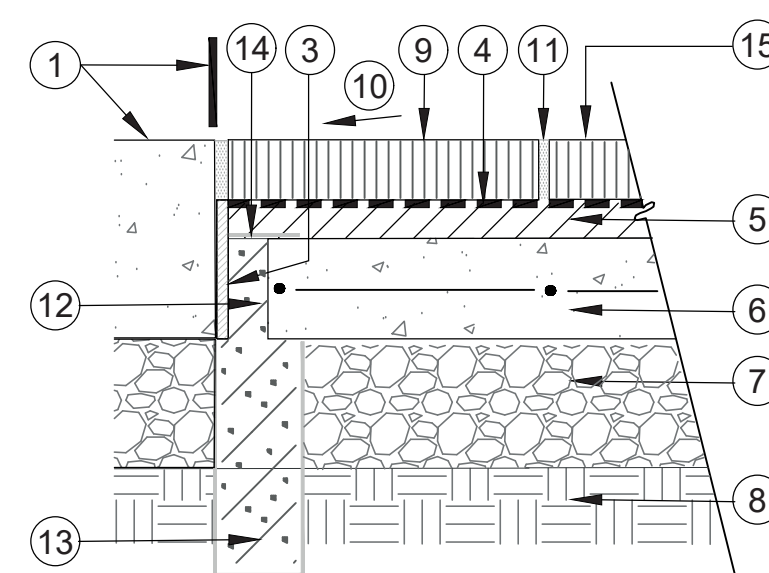
- 1 CONCRETE PAVING, 4,000 PSI, FINISH AND COLOR PER PLAN (SEE DETAIL THIS SHEET FOR CONCRETE JOINTING)
  - 2 #4 REBAR AT 18" O.C. BOTH WAYS ON CHAIRS
  - 3 COMPACTED SUBGRADE TO 98% MIN. (SEE NOTES)
  - 4 4" COMPACTED ABC TO 98%
  - 5 1/4" RADIUS, TYPICAL ALL EDGES
  - 6 1" AT LAWN AREA, 2" AT PLANTER AREA (PA)
  - 7 #4 REBAR, CENTER AND CONTINUOUS AT THICKENED EDGE
  - 8 REBAR CHAIR SUPPORTS AT 18" O.C.
- NOTES:
- DEPTH OF CONCRETE AND SUBGRADE COMPACTION PER GEOTECH REPORT
  - EXPANSION JOINTS SHALL BE PROVIDED AT 12" O.C. MAX.

**A** CONCRETE PAVING - PEDESTRIAN  
NO SCALE SECTION



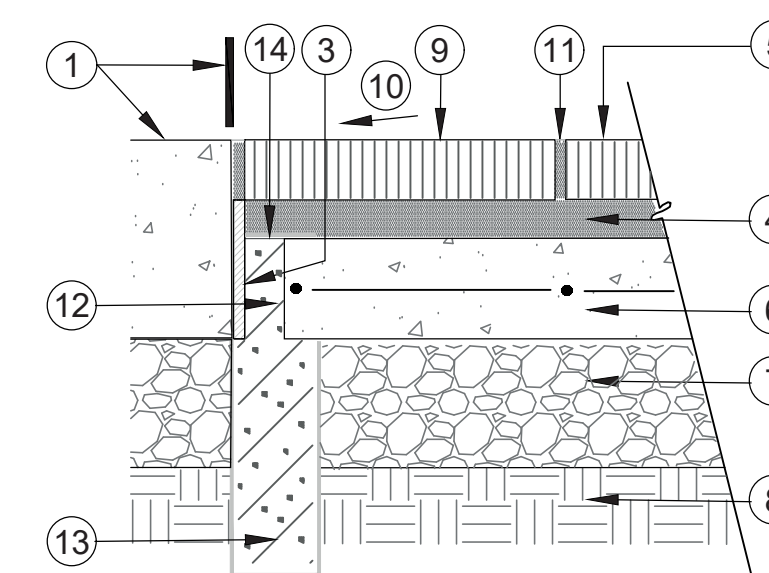
- 1 CONCRETE PAVING, 4,000 PSI, FINISH AND COLOR PER PLAN (SEE DETAIL THIS SHEET FOR CONCRETE JOINTING)
  - 2 #4 REBAR AT 18" O.C. BOTH WAYS ON CHAIRS
  - 3 COMPACTED SUBGRADE TO 98% MIN. (SEE NOTES)
  - 4 6" COMPACTED ABC TO 98%
  - 5 1/4" RADIUS, TYPICAL ALL EDGES
  - 6 1" AT LAWN AREA, 2" AT PLANTER AREA (PA)
  - 7 #4 REBAR, CENTER AND CONTINUOUS AT THICKENED EDGE
  - 8 REBAR CHAIR SUPPORTS AT 18" O.C.
- NOTES:
- DEPTH OF CONCRETE AND SUBGRADE COMPACTION PER GEOTECH REPORT
  - EXPANSION JOINTS SHALL BE PROVIDED AT 12" O.C. MAX.

**B** CONCRETE PAVING - VEHICULAR  
NO SCALE SECTION



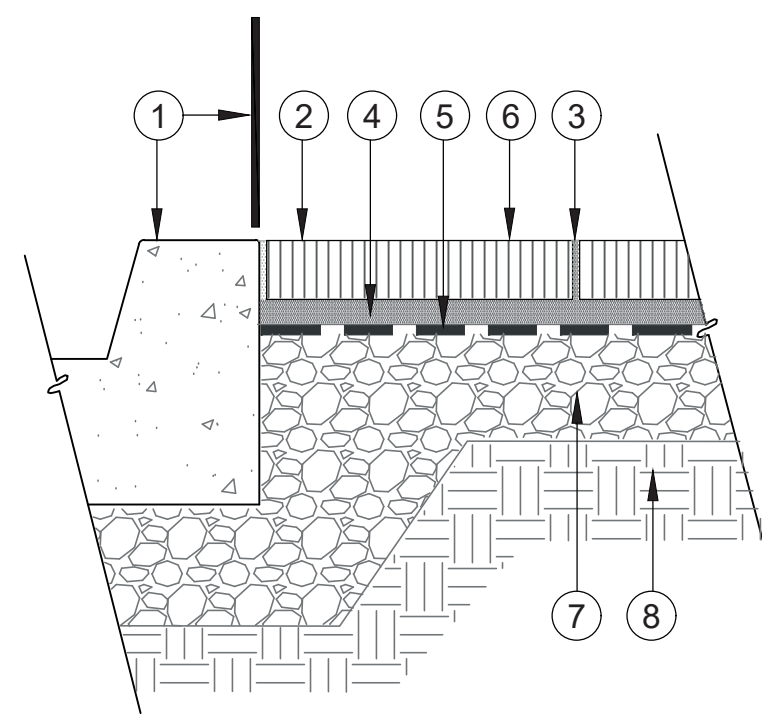
- 1 CONCRETE PAVING, CURB, OR FACE OF STRUCTURE (WHERE OCCURS PER PLAN)
- 2 CONCRETE PAVES (GAUGED, SEE PLAN FOR TYPE AND PATTERN)
- 3 EXPANSION JOINT (WHERE OCCURS)
- 4 PAVER MASTIC - MOP APPLIED 2% NEOPRENE MODIFIED ASPHALT ADHESIVE
- 5 3/4" BITUMINOUS SETTING BED, 7% ASPHALT CEMENT / 93% (SEE SPECS.)
- 6 7" THK. CONCRETE BASE (VEHICULAR CONCRETE PAVING), SEE CIVIL DWGS; BROOM FINISH
- 7 COMPACTED ABC SUB-BASE TO 98%
- 8 COMPACTED SUBGRADE TO 98% (SEE GENERAL NOTES, THIS SHEET)
- 9 CONCRETE PAVER, PER PLAN
- 10 SLOPE TO DRAIN (SEE CIVIL DWGS.)
- 11 POLYMERIC JOINTING SAND (SEE SPECS.)
- 12 2" DIA. WEEP (DRAIN) HOLE, FILL WITH WASHED PEA GRAVEL, LOCATE AT LOW ENDS OF BORDER(S) AT 24" O.C.
- 13 18" DEEP PEA GRAVEL SUMP AT WEEP HOLE, WRAP IN FILTER FABRIC
- 14 NON-WOVEN FILTRATION FABRIC 12" WIDE OVER WEEP HOLES AND WRAP PEA GRAVEL SUMP
- 15 SEALER, TYPE PER PLAN (SEE SPECS.)

**C** BASE BID: CONCRETE PAVERS ON BITUMEN VEHICULAR USE AREAS ONLY  
NO SCALE SECTION



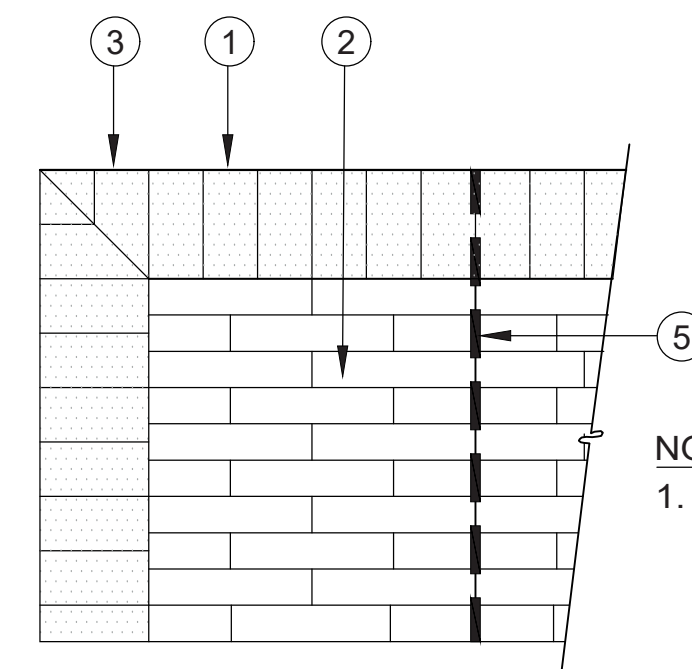
- 1 CONCRETE PAVING, CURB, OR FACE OF STRUCTURE (WHERE OCCURS PER PLAN)
- 2 CONCRETE PAVES (GAUGED, SEE PLAN FOR TYPE AND PATTERN)
- 3 EXPANSION JOINT (WHERE OCCURS)
- 4 1" COMPACTED BEDDING SAND LAYER (CONCRETE SAND), SEE SPECS.
- 5 SEALER, TYPE PER PLAN (SEE SPECS.)
- 6 7" THK. CONCRETE BASE (VEHICULAR CONCRETE PAVING), SEE CIVIL DWGS; BROOM FINISH
- 7 COMPACTED ABC SUB-BASE TO 98%
- 8 COMPACTED SUBGRADE TO 98% (SEE GENERAL NOTES, THIS SHEET)
- 9 CONCRETE PAVER, PER PLAN
- 10 SLOPE TO DRAIN (SEE CIVIL DWGS.)
- 11 POLYMERIC JOINTING SAND (SEE SPECS.)
- 12 2" DIA. WEEP (DRAIN) HOLE, FILL WITH WASHED PEA GRAVEL, LOCATE AT LOW ENDS OF BORDER(S) AT 24" O.C.
- 13 6" DIA. X 18" DEEP PEA GRAVEL SUMP AT WEEP HOLE, WRAP IN FILTER FABRIC
- 14 NON-WOVEN FILTRATION FABRIC 12" WIDE OVER WEEP HOLES AND WRAP PEA GRAVEL SUMP

**D** BID ALT. 1: CONCRETE PAVERS ON SAND VEHICULAR USE AREAS ONLY  
NO SCALE SECTION



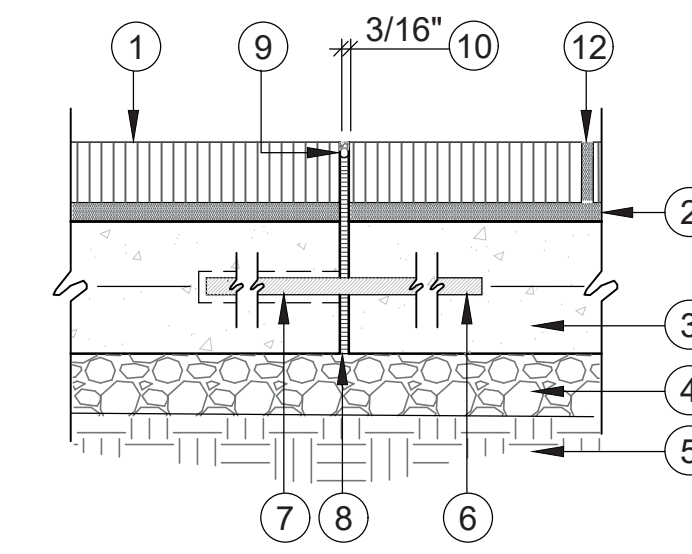
- 1 CONCRETE CURB, WALL, BUILDING COLUMN OR OTHER CONNECTING / ADJACENT SURFACE TO BRICK PAVERS PER PLAN
  - 2 CONCRETE PAVER (GAUGED, SEE PLAN FOR TYPE AND PATTERN)
  - 3 POLYMERIC JOINTING SAND (SEE SPECS.)
  - 4 1" COMPACTED BEDDING SAND LAYER (CONCRETE SAND), SEE SPECS.
  - 5 NON-WOVEN FILTRATION FABRIC, MIRAFI 160N (OR EQUAL), STABLE IN PLACE, OVERLAP SPLICES 8" MIN.
  - 6 SEALER, TYPE PER PLAN (SEE SPECS.)
  - 7 6" (MIN.) COMPACTED ABC SUB-BASE TO 98%
  - 8 COMPACTED SUBGRADE TO 98% (SEE GENERAL NOTES THIS SHEET)
- NOTES:
- SLOPE FINISHED SURFACE OF PAVERS PER CIVIL DWGS.
  - REFER TO PLAN FOR PAVES TYPES, PATTERNS, COLORS AND MANUFACTURER.

**E** CONCRETE PAVERS ON SAND PEDESTRIAN AREAS ONLY  
NO SCALE SECTION



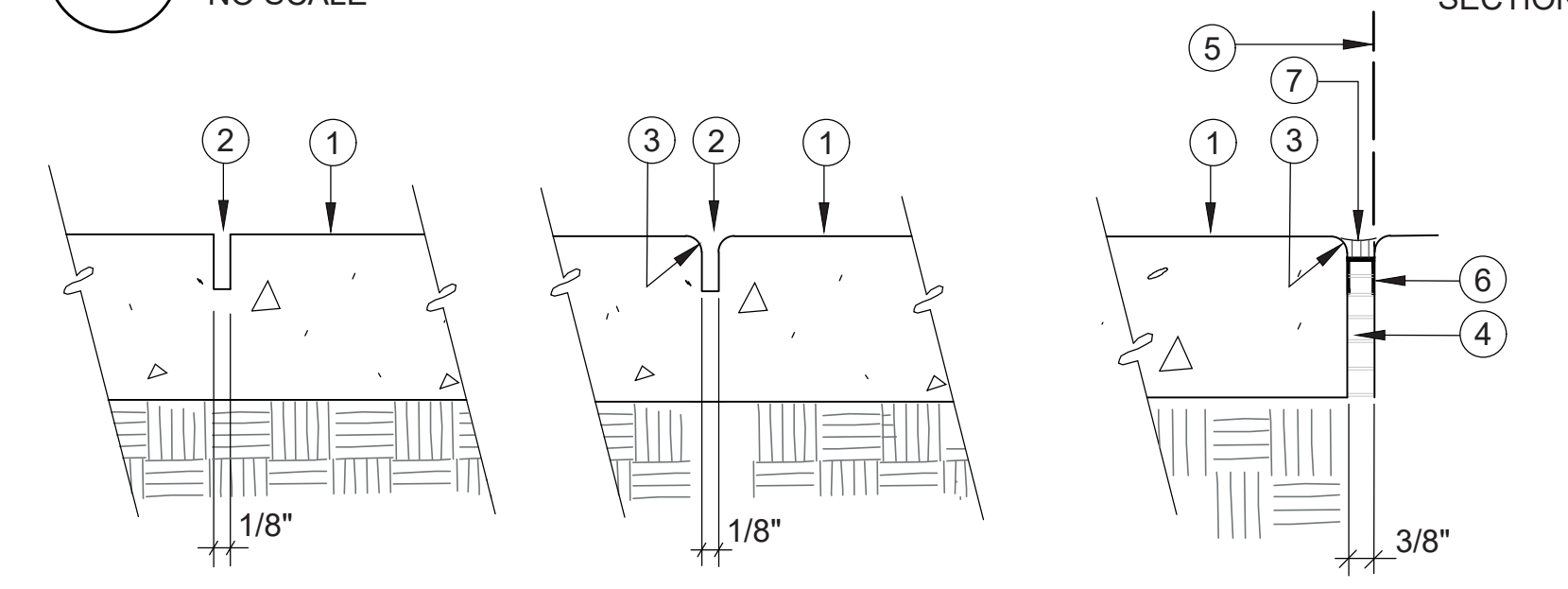
- 1 CONCRETE PAVER PERIMETER BAND (HEADER COURSE)
  - 2 MITRE CUT ALL CORNER AND CHANGES OF DIRECTION
  - 3 CONCRETE PAVER FIELD (RUNNING BOND, TYP.) SEE NOTES
  - 4 EXPANSION JOINT (FULL DEPTH) IN PAVER LAYOUT
  - 5
- NOTES:
- DETAIL ILLUSTRATES PLAN VIEW OF TYPICAL RUNNING BOND PATTERN WITH HEADER COURSE PERIMETER BAND. SEE PLANS FOR VARIETY OF PAVER PATTERNS AND LOCATION.
  - EXPANSION JOINTS IN CONCRETE BASE SHALL BE BROUGHT THROUGH PAVERS TO ALLOW SLAB AND PAVER SECTIONS TO MOVE IN UNISON.

**F** CONCRETE PAVERS - PERIMETER BAND  
NO SCALE PLAN VIEW



- 1 CONCRETE PAVER
  - 2 CONCRETE BASE
  - 3 SETTING BED
  - 4 COMPACTED ABC SUB-BASE
  - 5 COMPACTED SUBGRADE
  - 6 #4, 18" STEEL DOWEL AT 18" O.C.
  - 7 SLEEVE ONE SIDE CENTER IN SLAB SPEED DOWEL SLEEVE SYSTEM
  - 8 FOAM EXPANSION JOINT FILLER
  - 9 EXPANSION JOINT BACKER ROD OR CAP
  - 10 EXPANSION JOINT SEALER (COLOR TO MATCH GROUT)
  - 11 CONCRETE PAVING, WHERE OCCURS PER PLAN
  - 12 POLYMERIC JOINTING SAND (SEE SPECS.)
  - 13 1/4" RADIUS
- NOTES:
- EXPANSION JOINTS (FULL DEPTH) TO BE PROVIDED IN STRAIGHT, CONTINUOUS RUNS, COORDINATE WITH PAVER PATTERN

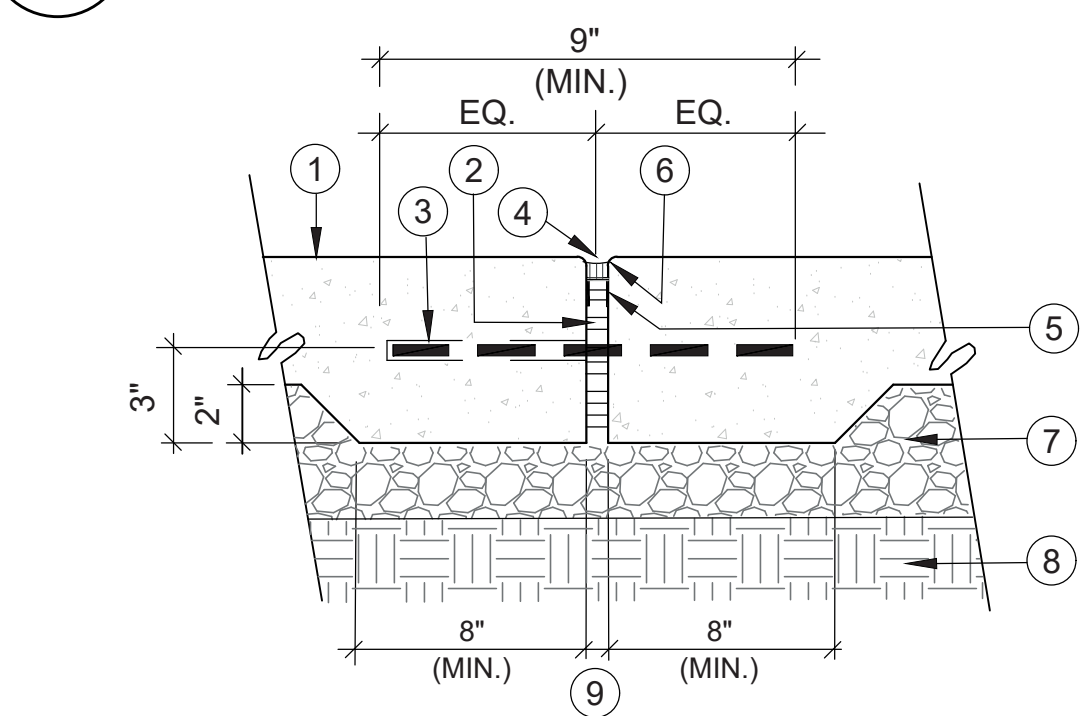
**G** EXPANSION JOINT AT CONCRETE PAVERS  
NO SCALE SECTION



- 1 PAVING PER PLAN
- 2 1/4 DEPTH OF PAVING
- 3 1/4" RADIUS (TYP.)
- 4 EXPANSION JOINT MATERIAL
- 5 FACE OF WALL OR CURB
- 6 BACKER ROD OR JOINT CAP
- 8 SEALANT - SONNEBORN OR EQUAL (COLOR TO MATCH ADJ. SURFACE, PROVIDE SAMPLE FOR EACH COLOR)

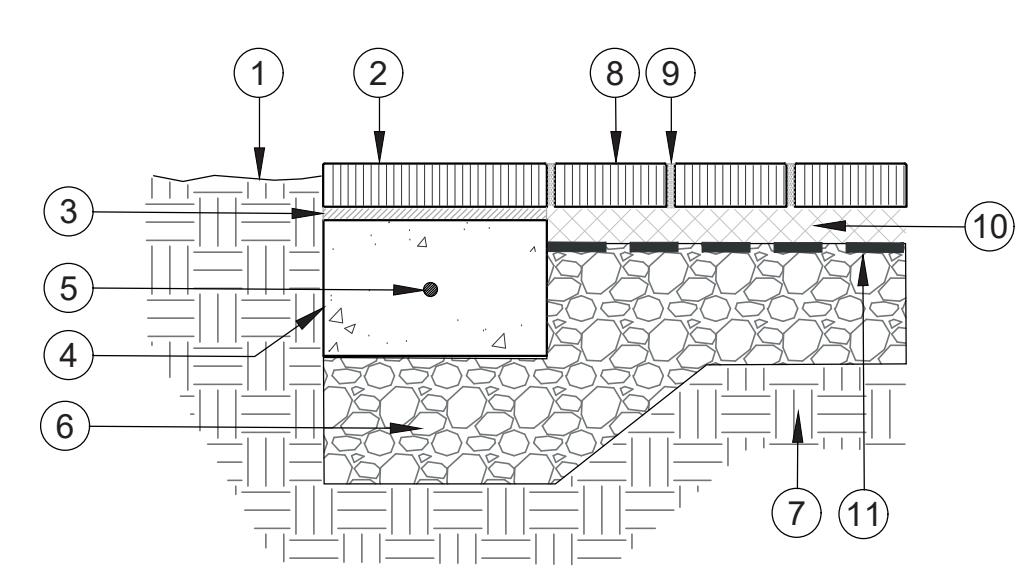
- NOTES:
- REFER TO PLAN FOR TYPES OF JOINTS BY PAVER TYPE (SEE HARDSCAPE LEGEND)
  - USE DOWELED EXPANSION JOINT (PER DETAIL "D" THIS SHEET) FOR ALL PROPOSED PAVING FIELDS AND HARDSCAPE. WHEN PROPOSED IMPROVEMENTS ABOUT EXISTING WALLS, CURBS, OR OTHER HARDSCAPE (WHEN DOWELING IS NOT POSSIBLE), USE THE DETAIL PROVIDED ABOVE.

**H** TYPICAL CONCRETE JOINTS  
NO SCALE SECTION



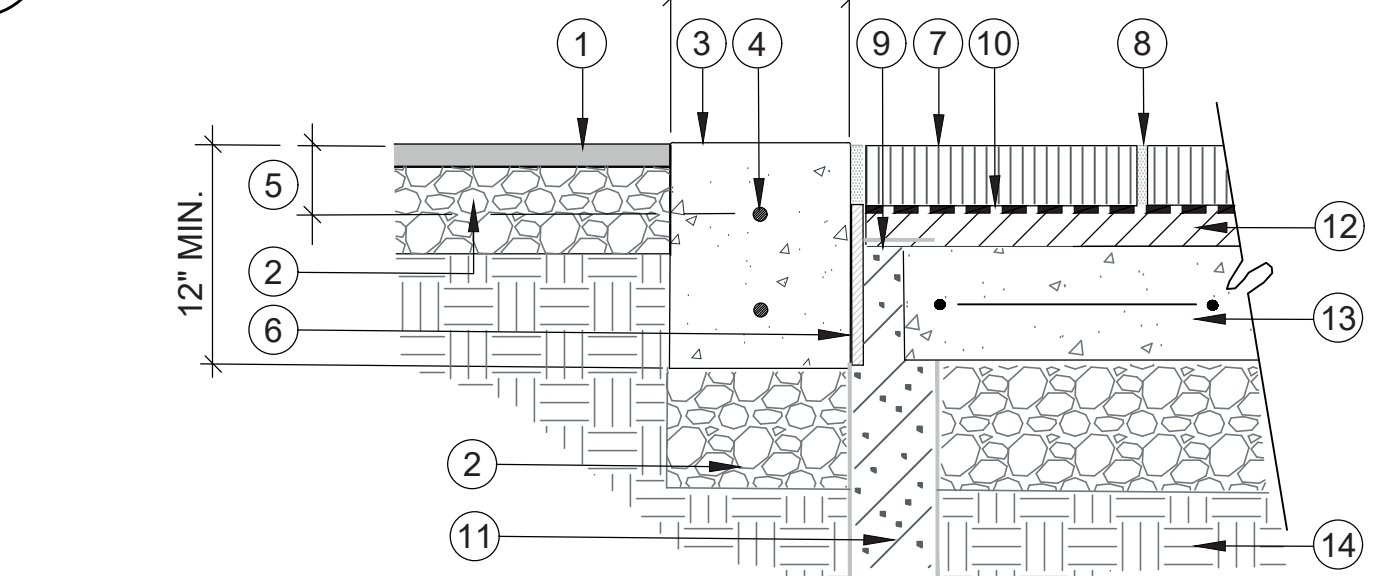
- 1 CONCRETE PAVING PER PLAN
  - 2 EXPANSION JOINT MATERIAL
  - 3 SPEED DOWEL SLEEVE SYSTEM - CENTER IN SLAB, INSTALL PER MANUFACTURE'S RECOMMENDATIONS
  - 4 SEALANT - SONNEBORN OR EQUAL (COLOR TO MATCH ADJ. SURFACE)
  - 5 BACKER ROD OR JOINT CAP
  - 6 1/4" RADIUS (TYP.)
  - 7 COMPACTED ABC SUBBASE
  - 8 COMPACTED SUBGRADE
  - 8 3/8"
- NOTES:
- SPEED DOWEL SYSTEM, SIKA PSD09/#4 (OR SIMILAR)

**I** DOWELED EXPANSION JOINT  
NO SCALE SECTION



- 1 LANDSCAPE AREA PER PLAN
- 2 PERIMETER BAND AT CONCRETE PAVERS (TYP.)
- 3 MORTAR SET (PERIMETER BAND ONLY)
- 4 6" DP. X WIDTH OF PAVER CONCRETE BASE
- 5 #4 REBAR CONTINUOUS IN CENTER, OVERLAP SPLICES
- 6 6" (MIN.) COMPACTED ABC SUB-BASE TO 98%
- 7 COMPACTED SUBGRADE TO 98% (SEE GENERAL NOTES THIS SHEET)
- 8 PEDESTRIAN CONCRETE PAVERS
- 9 POLYMERIC JOINTING SAND (SEE SPECS.)
- 10 1" COMPACTED BEDDING SAND LAYER (CONCRETE SAND), SEE SPECS.
- 11 NON-WOVEN FILTRATION FABRIC (TYP.)

**J** CONCRETE PAVERS (EDGE) AT LANDSCAPE PEDESTRIAN AREAS ONLY  
NO SCALE PLAN VIEW



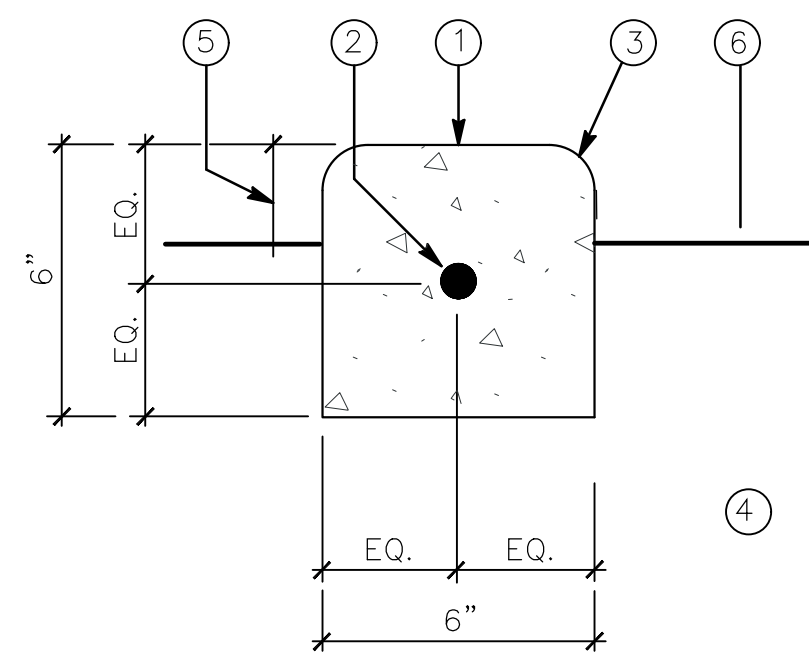
- 1 ASPHALT PAVING PER PLAN (SEE CIVIL DWGS.)
- 2 6" (MIN.) COMPACTED ABC SUB-BASE TO 98%
- 3 CONCRETE BAND (COLOR AND FINISH PER PLAN)
- 4 #4 REBAR CONTINUOUS X2, CENTER IN BAND, OVERLAP SPLICES
- 5 1/3 DEPTH OR 3" MIN.
- 6 EXPANSION JOINT
- 7 CONCRETE PAVER (VEHICULAR), PER PLAN
- 8 POLYMERIC JOINTING SAND (SEE SPECS.)
- 9 WEEP HOLE (TYP.)
- 10 NON-WOVEN FILTRATION FABRIC (TYP.)
- 11 PEA GRAVEL SUMP (TYP.)
- 12 BEDDING COURSE (TYP.)
- 13 CONCRETE BASE (TYP.)
- 14 COMPACTED SUBGRADE TO 98% (SEE GENERAL NOTES, THIS SHEET)

**K** CONCRETE PAVERS - TRANSITION AT ASPHALT VEHICULAR AREAS ONLY  
NO SCALE SECTION

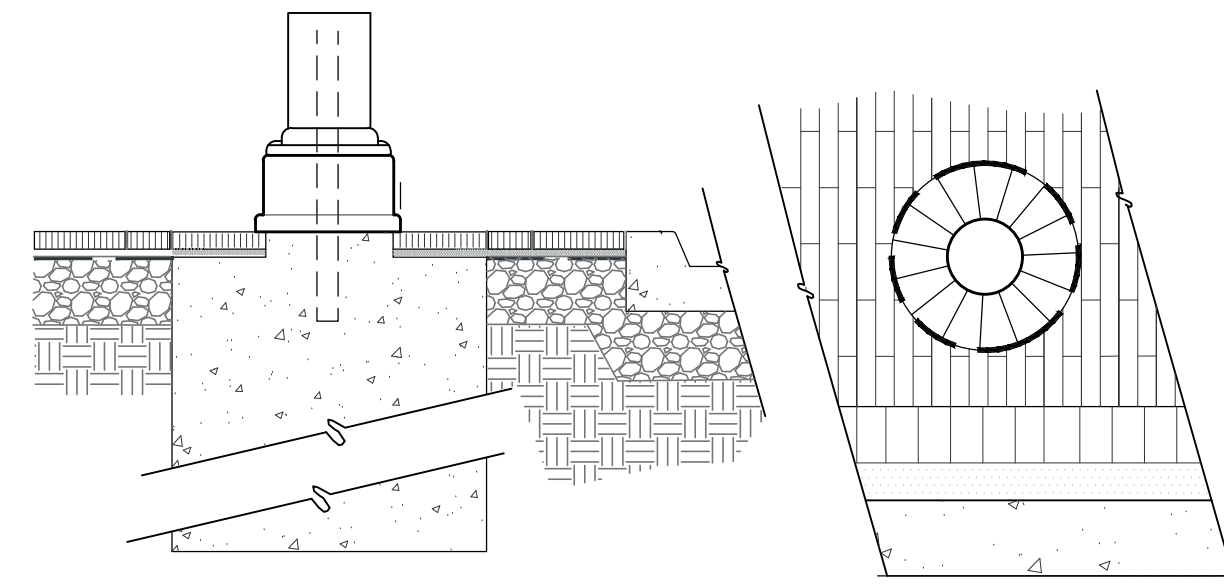
- GENERAL NOTES:**
- VERIFY DEPTH OF CONCRETE PER THE GEOTECHNICAL REPORT AND ENGINEER'S RECOMMENDATION.
  - AGGREGATE BASE COURSE (ABC) AND SUBGRADE COMPACTION SHALL BE AS REQUIRED BY THE GEOTECHNICAL REPORT AND ENGINEER'S RECOMMENDATION.
  - REFER TO SPECIFICATIONS FOR MORTAR AND GROUT REQUIREMENTS.
  - ALL PAVERS IN RADIAL PATTERNS SHALL BE CUT EQUALLY TO ACCEPT RADIUS SHOWN PER PLAN.
  - EXPANSION JOINTS REQUIRED AT ANY TRANSITION BETWEEN TWO RIGID SURFACES (EX. - CONCRETE TO CONCRETE).
  - DRAIN PIPES MAY BE REQUIRED AT WITHIN AGGREGATE BASE COURSE(S) AND/OR AT WEEP HOLES DEPENDING ON PERMEABILITY OF SOILS, SEE GEOTECHNICAL REPORT AND REFER TO ENGINEER'S RECOMMENDATIONS.
  - SEALERS SHALL BE APPLIED TO ALL PAVERS AND POLYMERIC SAND JOINTS PER MANUFACTURER'S RECOMMENDATIONS, TYPICALLY 30 DAYS MINIMUM SHALL BE REQUIRED TO ALLOW EVAPORATION OF MOISTURE AND EFFLORESCENCE CONTAINED WITHIN PAVERS AND JOINTS, DEPENDING ON WEATHER THE AMOUNT OF TIME MAY BE LONGER. NO TRAFFIC SHALL BE PERMITTED ON PAVERS DURING THE CURING PERIOD, OR AS DIRECTED BY MANUFACTURER'S REPRESENTATIVE.
  - WEEP HOLES (DRAIN HOLES) IN CONCRETE BASE UNDER PAVERS SHALL BE PROVIDED AT TYPICAL RATE OF (1) HOLE PER 500 SF OF PAVER SURFACE, REFER TO MANUFACTURER TECHNICAL DATA.
  - CUT PAVERS AT FIELD INTERSECTION WITH PERIMETER BANDING THAT ARE LESS THAN 1/3 SIZE OF FULL PIECE SHALL BE SET WITH TYPE S MORTAR WITH NON-BRITTLE, FIBER REINFORCED ADDITIVE (PAVE-EDGE MORTAR, OR SIMILAR), REFER TO MANUFACTURER'S RECOMMENDATIONS. USE LARGER SIZE PAVERS WHERE POSSIBLE AND NOT INTERRUPT PAVING PAVING PATTERN.

REVISIONS: 3/10/2022  
 APPROVED ADMINISTRATIVE MODIFICATION  
 CLIENT INFORMATION:  
 CIP CONSTRUCTION COMPANY  
 201 NORTH ELM STREET, STE. 201  
 GREENSBORO, NC 27401  
 PARAMOUNT ENGINEERING, INC.  
 122 Cinema Drive  
 Wilmington, North Carolina 28403  
 (910) 791-6707 (O) (910) 791-6760 (F)  
 N.C. License #: C-2846  
 PROJECT STATUS: ORIGINAL LAYOUT: FINAL DESIGN: RELEASED FOR CONSTRUCTION: 06/23/23  
 DRAWING INFORMATION: DATE: 06/23/23 SCALE: N.T.S. DRAWING: CHECKED: PEI JOB#: 18473.PE  
 FINAL DESIGN - NOT RELEASED FOR CONSTRUCTION  
 DETAILS  
 CARROLL AT THE AVENUE  
 MILITARY CUTOFF RD.  
 WILMINGTON, NC 28405  
 L-4.1

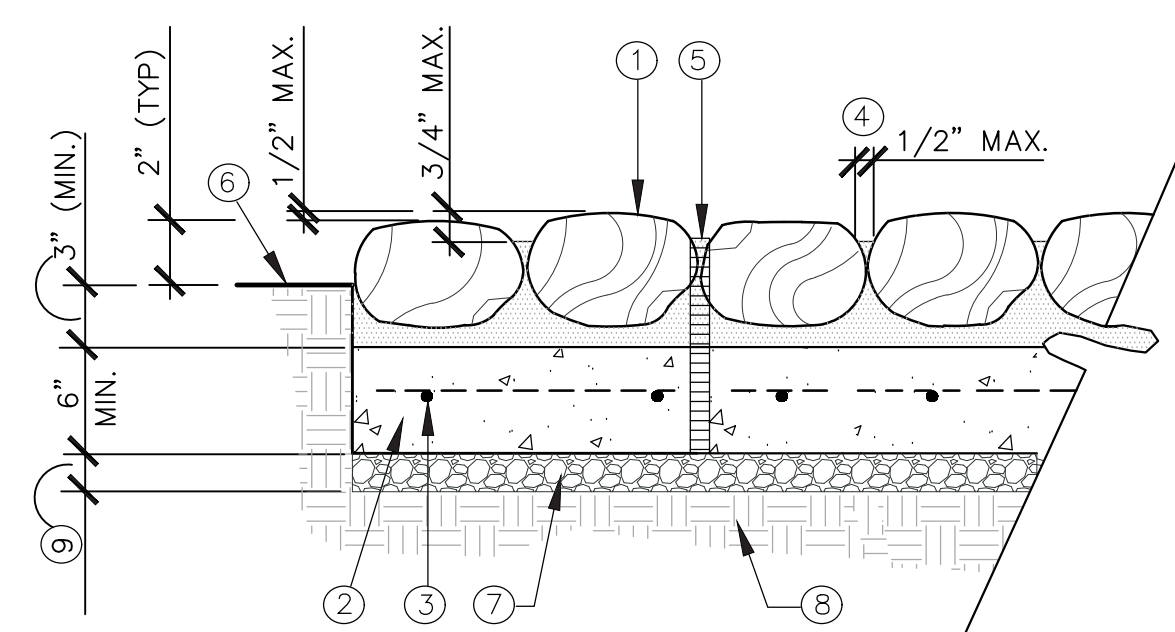




- 1 COLORED CONCRETE MOW STRIP WITH LIGHT BROOM FINISH PROVIDE EXPANSION JOINTS @ 15' O.C. MAX. (COLOR: C-20 "LIMESTONE" BY SCOFIELD)
- 2 #3 REBAR CONTINUOUS (LAP 12" AT SPLICES)
- 3 1/2" RADIUS (TYP.)
- 4 90% MIN. COMPACTED SUBGRADE - UNDER CONCRETE CURB ONLY
- 5 FINISHED GRADE IN PLANTER AREA SET 2" BELOW TOP OF CONCRETE CURB
- 6 FINISHED GRADE



- 1 COBBLE (2"-6")
- 2 CONCRETE ROUGH SLAB
- 3 #3 REBAR AT 18" O.C. EACH WAY
- 4 MORTAR JOINT
- 5 NO MORTAR ON TOP HALF OF COBBLE OVER EXPANSION JOINT
- 6 FINISHED GRADE AT LANDSCAPE
- 7 CLASS II AGGREGATE BASE COMPACTED PER SOIL REPORT RECOMMENDATIONS
- 8 COMPACTED SUBGRADE PER SOIL REPORT RECOMMENDATIONS
- 9 6" IN VEHICULAR AREAS 2" IN PEDESTRIAN AREAS



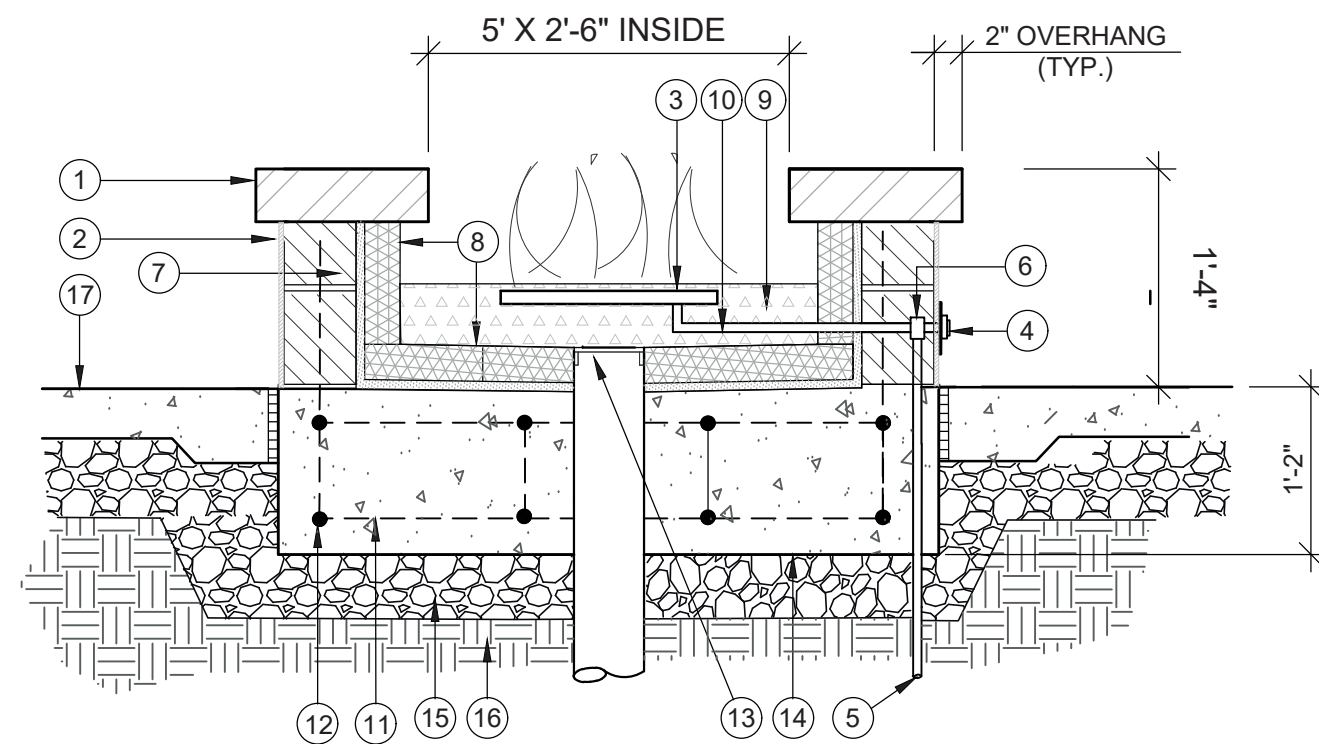
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- 8 COMPACTED SUBGRADE PER SOIL REPORT RECOMMENDATIONS
- 9 6" IN VEHICULAR AREAS 2" IN PEDESTRIAN AREAS

**A** COLORED CONCRETE MOW CURB  
NO SCALE SECTION

**B** PAVER DETAIL AT LIGHT POLE  
NO SCALE SECTION AND PLAN VIEW

**C** COBBLE PAVING AT ROUNDABOUT  
NO SCALE SECTION

**D** REINFORCED TURF PAVING  
NO SCALE SECTION



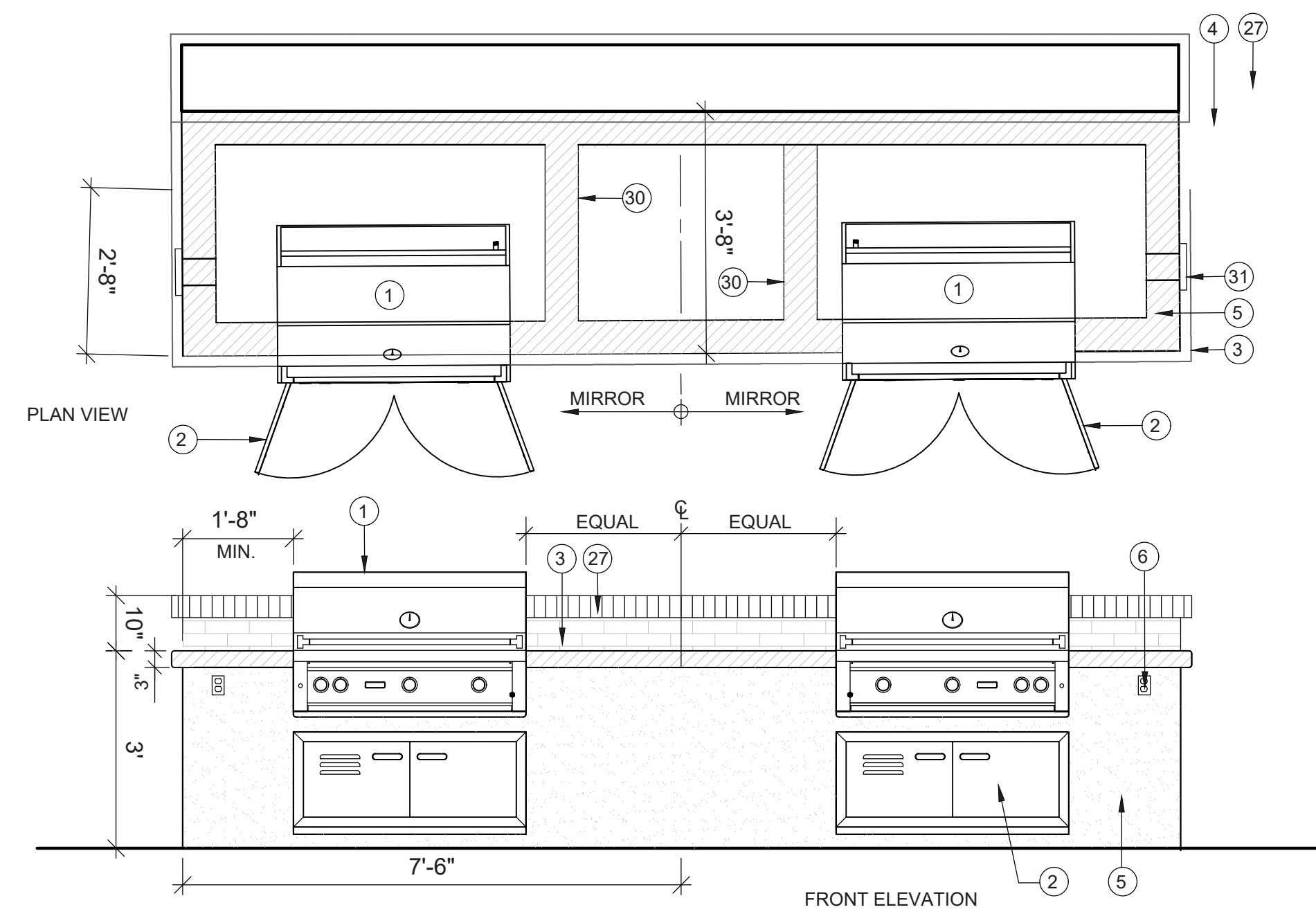
- 1 3" THK. CAST-IN-PLACE COLORED CONCRETE WALL CAP, COLOR: "GRAPHITE" BY DAVIS COLORS FINISH: LIGHT ACID ETCH
- 2 CMU BLOCK WITH OYSTER-SHELL TABBY EXTERIOR FINISH
- 3 HIGH GRADE 304 STAINLESS STEEL PROPANE FIRE PIT BURNER, 18" X 42" WITH BRASS AIR MIXER BY OUTDOOR FIRE AND PATIO (OR SIMILAR)
- 4 KEYPED GAS VALVE CONTROLS (MANUAL ON/OFF), COUNTER-SINK INTO BRICK VENEER, LOCATE IN FIELD
- 5 GAS SUPPLY LINE, 3/4" (OR AS REQUIRED PER MANUFACTURER OF FIRE BURNER AND LOCAL CODE)
- 6 KEYPED VALVE
- 7 CMU BLOCK CONSTRUCTION, PROVIDE #4 REBAR AT 18" O.C. AND TIE TO FOOTING, FILL ALL CELLS WITH GROUT EXCEPT CELL WITH GAS LINE - CONTRACTOR TO PROVIDE CONDUIT(S) AS NEEDED, FOR PROPANE LINES AND DRAINAGE
- 8 2" THK. FIRE BRICK - COLOR: "TAN", MORTAR SET
- 9 FIRE GLASS, "GOLD REFLECTIVE NUGGET" BY DIAMOND FIRE GLASS (OR EQUAL), DEPTH AS REQUIRED (4" MIN.)
- 10 PROPANE SERVICE LINE TO BURNER, SIZE PER BURNER MANUFACTURER SPECIFICATIONS

- 11 #4 REBAR BOTH WAYS IN CONCRETE FOOTING AT 18" O.C., EXTEND VERTICAL INTO CMU WALL, TIE ALL CONNECTIONS
- 12 #4 REBAR (2 ROWS HORIZONTAL) IN CONCRETE FOOTING, OFFSET 3" FROM EDGE (TYP)
- 13 DRAIN COVER AND PIPE, (STEEL OR SIMILAR FIRE RESISTANT) - CONNECT TO DRAINAGE SYSTEM OR SUMP (COVER SHALL BE TIGHT TO NOT ALLOW GLASS TO PASS THROUGH) CONCRETE FOOTING
- 14 COMPACTED CRUSHED AGGREGATE BASE
- 15 COMPACTED SUB-BASE (95% MIN.)
- 16 FINISHED SURFACE, PAVING PER PLAN SLOPE TO DRAIN AWAY FROM FIRE PIT
- 17 NOTES:

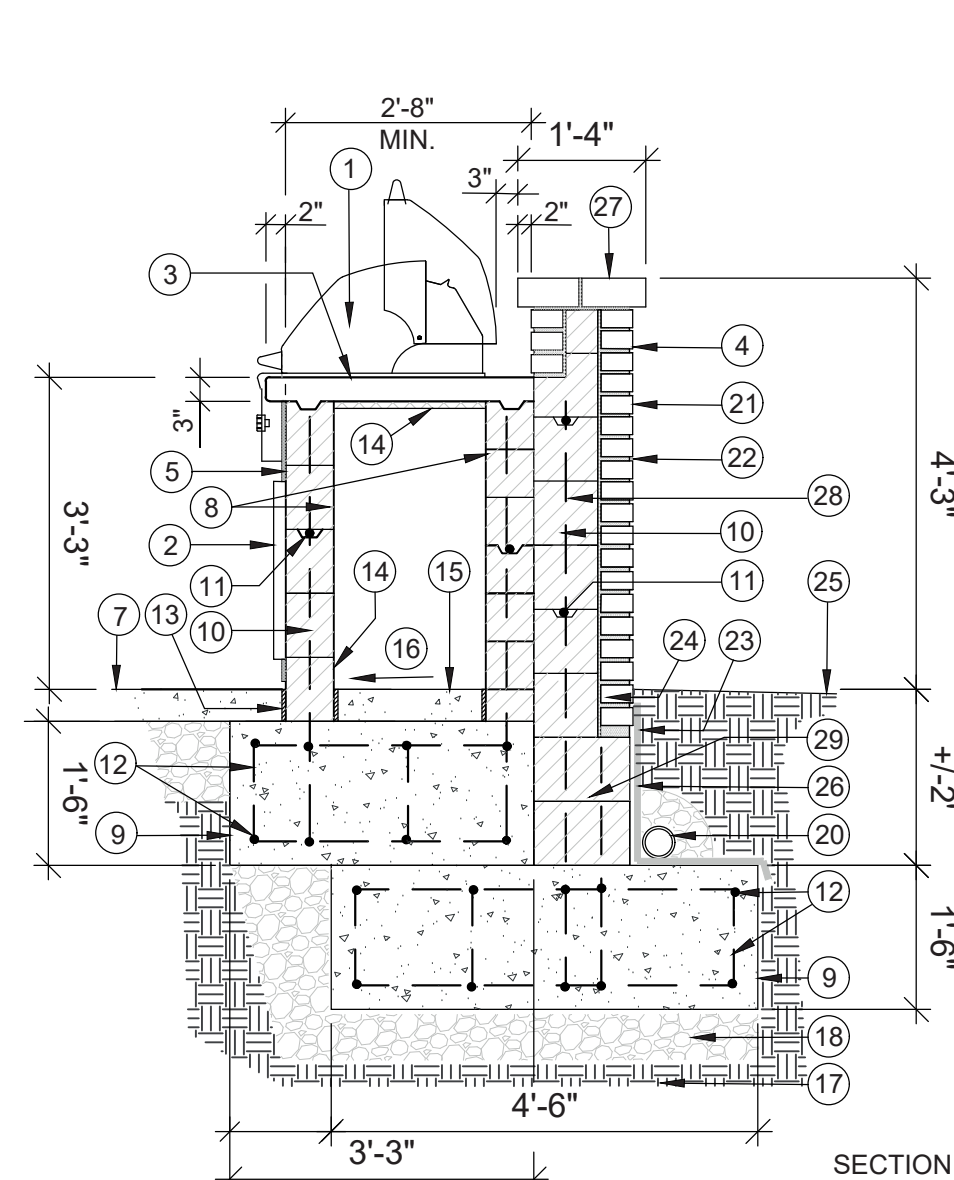
1. CONTRACTOR RESPONSIBLE FOR VERIFYING CONSTRUCTION DIMENSIONS WITH PRODUCT DEPTHS AND MINIMUM REQUIREMENTS PER LOCAL CODE. ADJUST CONFIGURATION, INCLUDING FOOTINGS IF NEEDED TO ACCOMMODATE.
2. CONTRACTOR SHALL COORDINATE WITH GAS COMPANY TO SIZE SUPPLY LINE, PER MANUFACTURE'S REQUIREMENTS AND LENGTH OF RUN. GAS COMPANY SHALL BE CONTACTED FOR INSPECTION PRIOR TO COMPLETION OF FIRE PIT.
3. CONTRACTOR SHALL VERIFY ALL REQUIREMENTS MEET LOCAL CODE, AND ADJUST DESIGN AS REQUIRED TO SATISFY PERMITTING AND INSPECTIONS

**E** FIRE PIT  
3/4" = 1'

**G** SEATWALL AND PERGOLA AT DOG PARK  
SEATWALL AND PERGOLA AT BLDG 6  
NO SCALE SECTION



**F** OUTDOOR GRILL COUNTER  
1/2" = 1'



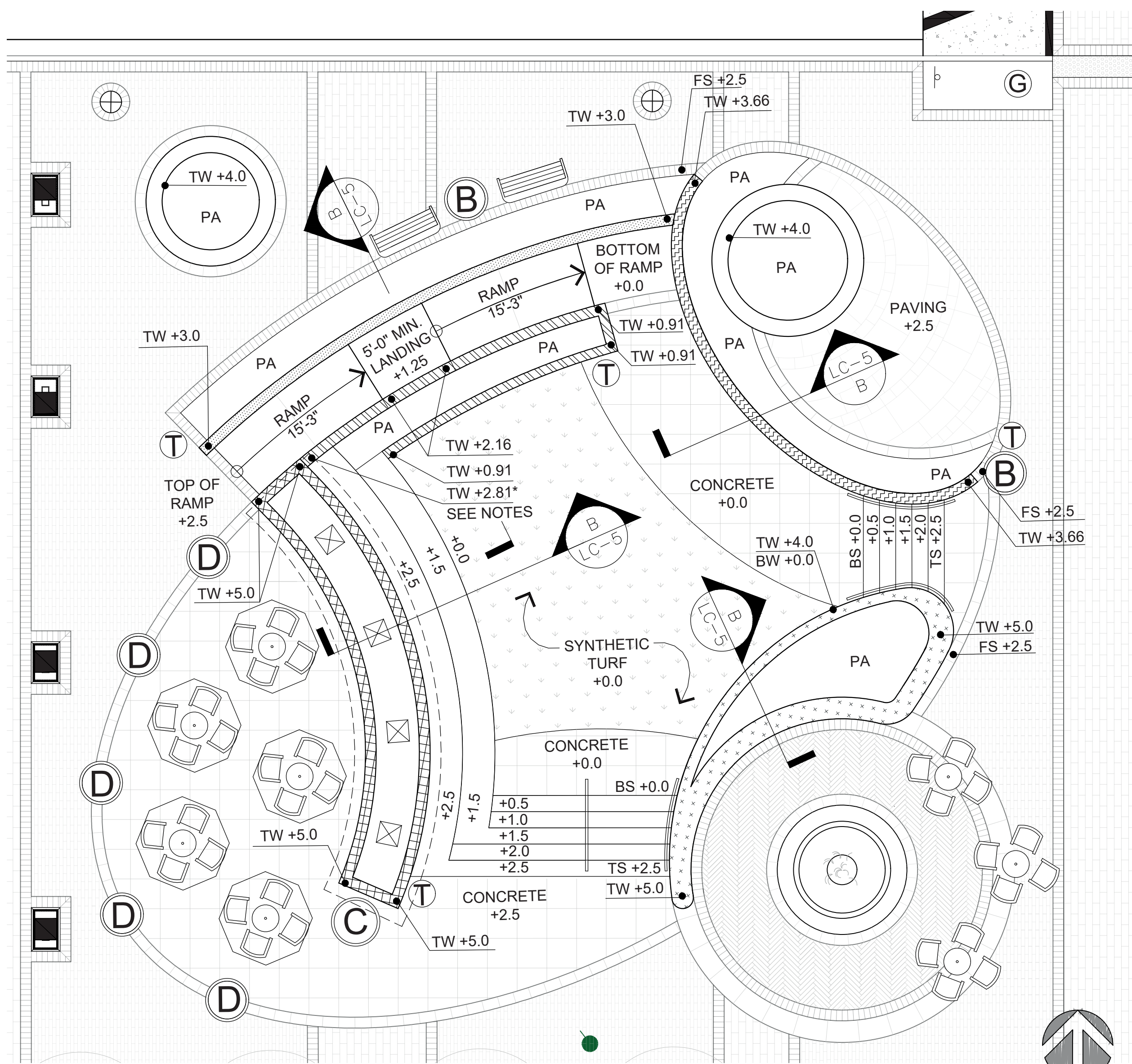
- 1 STAINLESS STEEL BBQ GRILL (GAS) - FIRE MAGIC MULTI-USER 36-INCH, THREE-BURNER, GAS GRILL WITH ANALOG THERMOMETER (CM-605001-RT1P) (36" X 18", CUTOUT 37-3/4" X 19-1/2")
- 2 STAINLESS STEEL DOUBLE ACCESS LOUVERED DOOR WITH TANK TRAY AND DUAL DRAWS - FIRE MAGIC (539030S-127)
- 3 3" THK. "POURED-IN-PLACE" POLISHED CONCRETE COUNTER TOP (SEAL) - COLOR: "SMOKE" BY SOLOMON COLORS (OR EQUAL), EASE/RADIUS EDGES (1/8") BACK WALL (SEE PLAN)
- 4 CMU BLOCK BBQ COUNTER FRAME - EXTERIOR FINISH T.B.D. (MATCH ARCHITECTURE)
- 5 ELECTRICAL OUTLET, PROVIDE WEATHERPROOF, STAINLESS STEEL COVER AT EACH LOCATION, SEE NOTES FOR ADDITIONAL INFORMATION FINISHED PAVING PER PLAN
- 6 6X8X16 CMU BLOCK FILL ALL CELLS WITH GROUT - CONTRACTOR TO PROVIDE ELECTRICAL CONDUIT(S) AS REQUIRED, CONFIRM LOCATIONS OF OUTLETS PRIOR TO FILLING CELLS
- 7 CONCRETE FOOTING
- 8 #4 REBAR (VERTICAL), PROVIDE 32" O.C. MAX SPACING (EVERY-OTHER BLOCK) AND AT ALL CHANGES OF DIRECTION / CORNERS (TIE TO HORIZONTAL)
- 9 #4 REBAR (HORIZONTAL), PROVIDE IN BOND BEAM, TIE TO VERTICAL (TYP.)
- 10 #4 REBAR (BOTH WAYS) IN CONCRETE FOOTING AS SHOWN PER DETAIL, EXTEND VERTICAL INTO CMU WALL, TIE ALL CONNECTIONS
- 11 EXPANSION JOINT
- 12 PROVIDE WEEPS IN AT BOTTOM COURSE FOR INTERNAL DRAINAGE (48" O.C. MAX.)
- 13 CONCRETE PAVING INSIDE BBQ GRILL COUNTER
- 14 CONCRETE TO DRAIN
- 15 COMPACTED SUB-BASE (95% MIN.)
- 16 CRUSHED AGGREGATE BASE (COMPACT PER SOILS REPORT)
- 17 FORM / BLOCKING FOR CAST-IN-PLACE CONCRETE CAP (AS NEEDED TO SUPPORT COUNTER TOP)
- 18 4" DIA. PERFORATED DRAIN PIPE WRAPPED IN FILTER FABRIC SOCK - LOCATED CONTINUOUS AT BACK OF FOOTING - PROVIDE 6" LAYER OF 3/4" CRUSHED GRAVEL BACKFILL AROUND PIPE AND TIE TO CIVIL STORM DRAIN SYSTEM OR SUMP
- 19 VENEER (T.B.D.) - MATCH ARCHITECTURE
- 20 JOINT (TYP.), MATCH ARCHITECTURE
- 21 CONCRETE OR CMU BASE, MORTAR FILL / LEVELING BED AS NEEDED
- 22 FINISHED GRADE IN LANDSCAPE, SLOPE TO DRAIN AWAY FROM WALL
- 23 ELASTOMERIC FLUID APPLIED WATERPROOFING MEMBRANE ON MASONRY SURFACES BELOW GRADE, HENRY 787 (OR EQUAL)
- 24 WALL CAP (T.B.D.) - MATCH ARCHITECTURE
- 25 8X8X16 CMU BLOCK FILL ALL CELLS WITH GROUT
- 26 10X8X16 CMU BLOCK FILL ALL CELLS WITH GROUT
- 27 PROVIDE CMU BLOCK INTERNAL WALLS TO SUPPORT CONCRETE COUNTER TOP
- 28 SIDE VENT WITH FIRE MAGIC LEGACY STAINLESS STEEL 6X14 COVER (OR SIMILAR), ONE PER SIDE
- 29 NOTES:

- 1. CONTRACTOR SHALL PROVIDE GAS SUPPLY HOSES, VALVES, SHUT-OFFS, ELECTRICAL SUPPLY AND OUTLETS, INTERNAL CABINET DRAINAGE AND OTHER ITEMS AS REQUIRED PER MANUFACTURER'S INSTALLATION RECOMMENDATIONS
- 2. CONTRACTOR RESPONSIBLE FOR INSTALLATION OF ALL BBQ COUNTER EQUIPMENT INCLUDING BBQ GRILL, ROTISSERIE, ACCESS DOORS, TRASH / RECYCLE CENTER
- 3. A LOUVERED DOOR IS REQUIRED. CONTRACTOR SHALL FOLLOW MANUFACTURER INSTALLATION INSTRUCTIONS AND LOCAL CODES FOR VENTING.
- 4. USE ONLY FIRE MAGIC MULTI-USER, BUILT-IN PRODUCTS, OR SIMILAR PRODUCTS THAT ARE SPECIFIED TO BE PAIRED TOGETHER. CONSTRUCTED OF 304 STAINLESS STEEL WITH LOCKING CONTROL KNOBS, COOKING GRIDS, AND WARMING RACK. INCLUDE ONE-HOUR GAS SHUTOFF TIMER
- 5. ELECTRICAL OUTLETS AND ELECTRICAL SUPPLY TO GRILL AS NEEDED TO OPERATE ROTISSERIE OR OTHER COMPONENTS SHALL BE PROVIDED BY CONTRACTOR. PROVIDE ALL GFI PROTECTED OUTLETS WITH STAINLESS STEEL TO MATCH BBQ
- 6. DIMENSIONS ARE PROVIDED TO FACE OF FINISHED VENEER, CONTRACTOR SHALL ADJUST AS NEEDED
- 7. CONTRACTOR RESPONSIBLE FOR ALL PERMITS REQUIRED TO PERFORM WORK
- 8. GAS HOSE CONNECTION FOR APPLIANCE SHALL BE PROVIDED BY CONTRACTOR, VERIFY ALL DIMENSIONS AND REQUIREMENTS FOR WITH MANUFACTURER'S INSTALLATION MANUALS PRIOR TO CONSTRUCTION OF BBQ COUNTER
- 9. UNDER GRILL CABINET AREA SHALL BE READILY ACCESSIBLE FOR MAINTENANCE AND HAND OPERATION, EASY OPEN, NON-LOCKING DOORS ONLY, PROVIDE EMERGENCY SHUT-OFF AND EMERGENCY PROCEDURE INSTRUCTIONS/SIGNAGE

FINAL DESIGN - NOT RELEASED FOR CONSTRUCTION

<p><b>REVISIONS:</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 5%;">#</td> <td style="width: 85%;">DESCRIPTION</td> <td style="width: 10%;">DATE</td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table>	#	DESCRIPTION	DATE				<p><b>CLIENT INFORMATION:</b></p> <p>CIP CONSTRUCTION COMPANY 201 NORTH ELM STREET, STE. 201 GREENSBORO, NC 27401</p> <p><b>PARAMOUNT ENGINEERING, INC.</b> 122 Cinema Drive Wilmington, North Carolina 28403 (910) 791-6707 (O) (910) 791-6760 (F) N.C. License #: C-2846</p>
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<p><b>PROJECT STATUS:</b></p> <p>ORIGINAL LAYOUT: _____ FINAL DESIGN: _____ RELEASED FOR CONSTRUCTION: _____</p>	<p><b>DETAILS</b></p> <p>CARROLL AT THE AVENUE MILITARY CUTOFF RD. WILMINGTON, NC 28405</p>						
<p><b>DRAWING INFORMATION:</b></p> <p>DATE: 06/23/23 SCALE: N.T.S. DRAWING: _____ CHECKED: _____</p>	<p><b>SEAL</b></p> <p>WILMINGTON, NC 28405</p> <p>06/23/23</p> <p>W. MICHAEL NICHOLS</p>						
<p><b>PEI JOB#:</b> 18473.PE</p>	<p><b>L-4.2</b></p>						

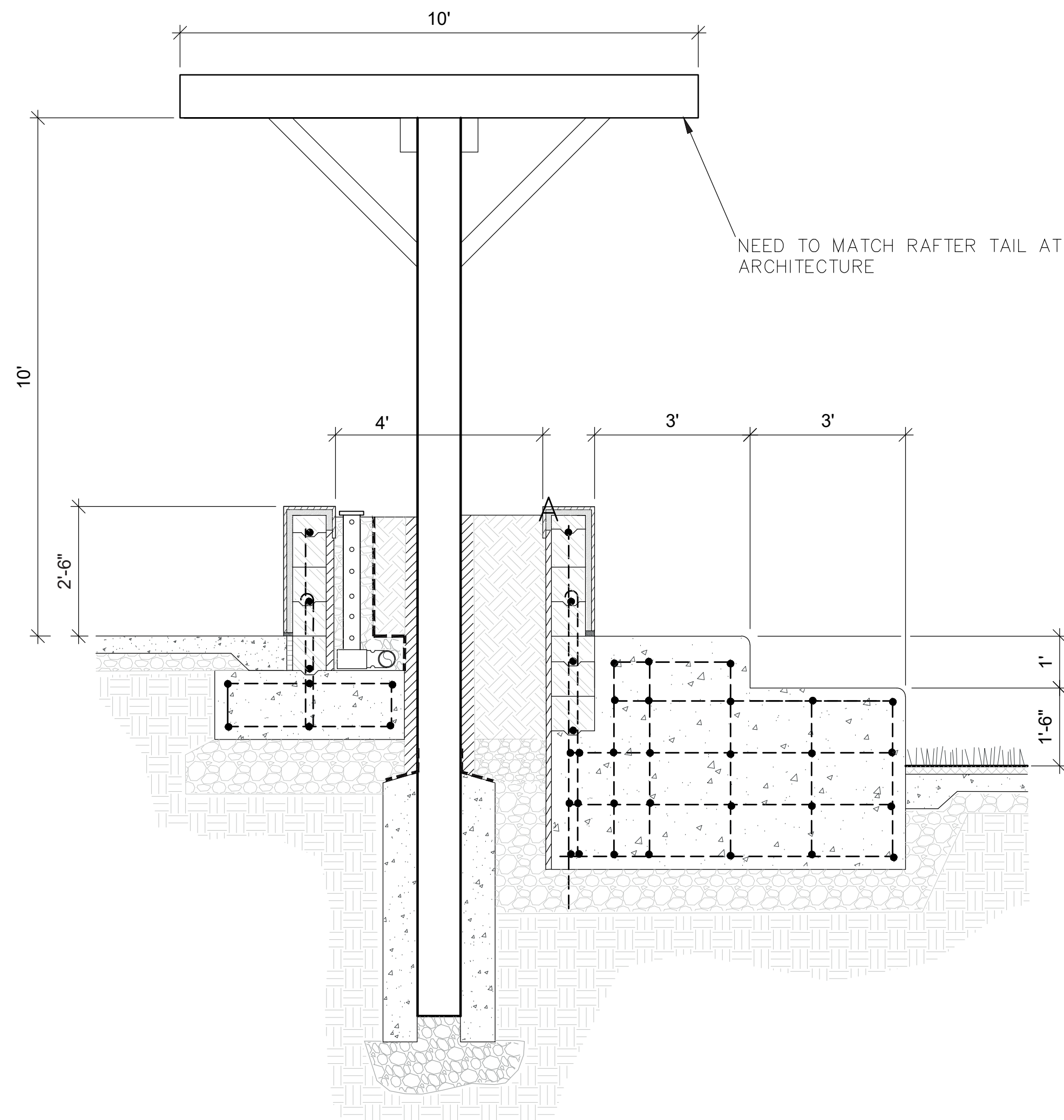




DETAIL PLAN AT PLAZA

1/8" = 1'-0"

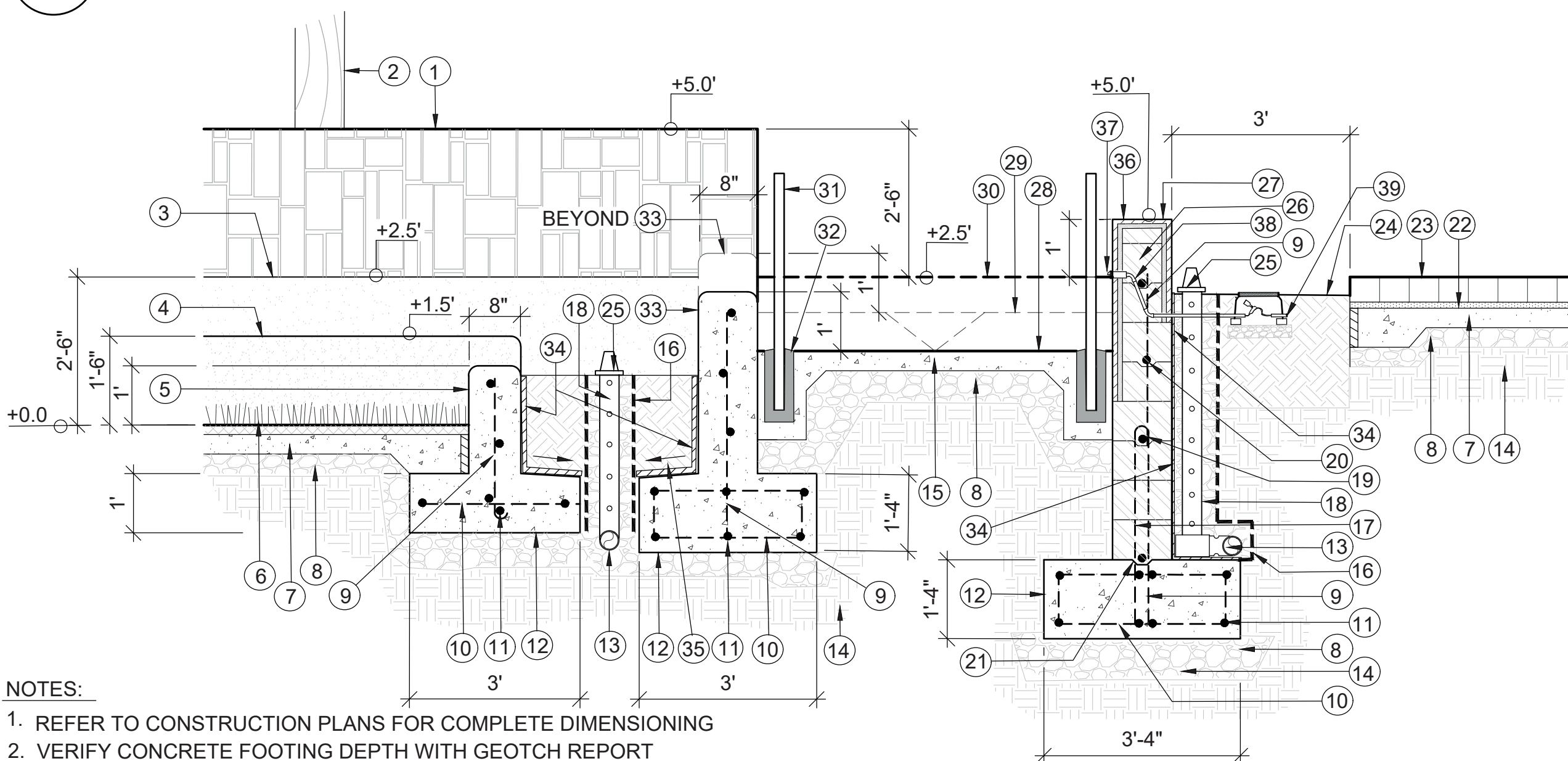
PLAN VIEW



SECTION 'A' AT PLAZA  
RAISED PLANTER, PERGOLA AND  
AMPHITHEATER SEATING

A

1/2" = 1'-0"



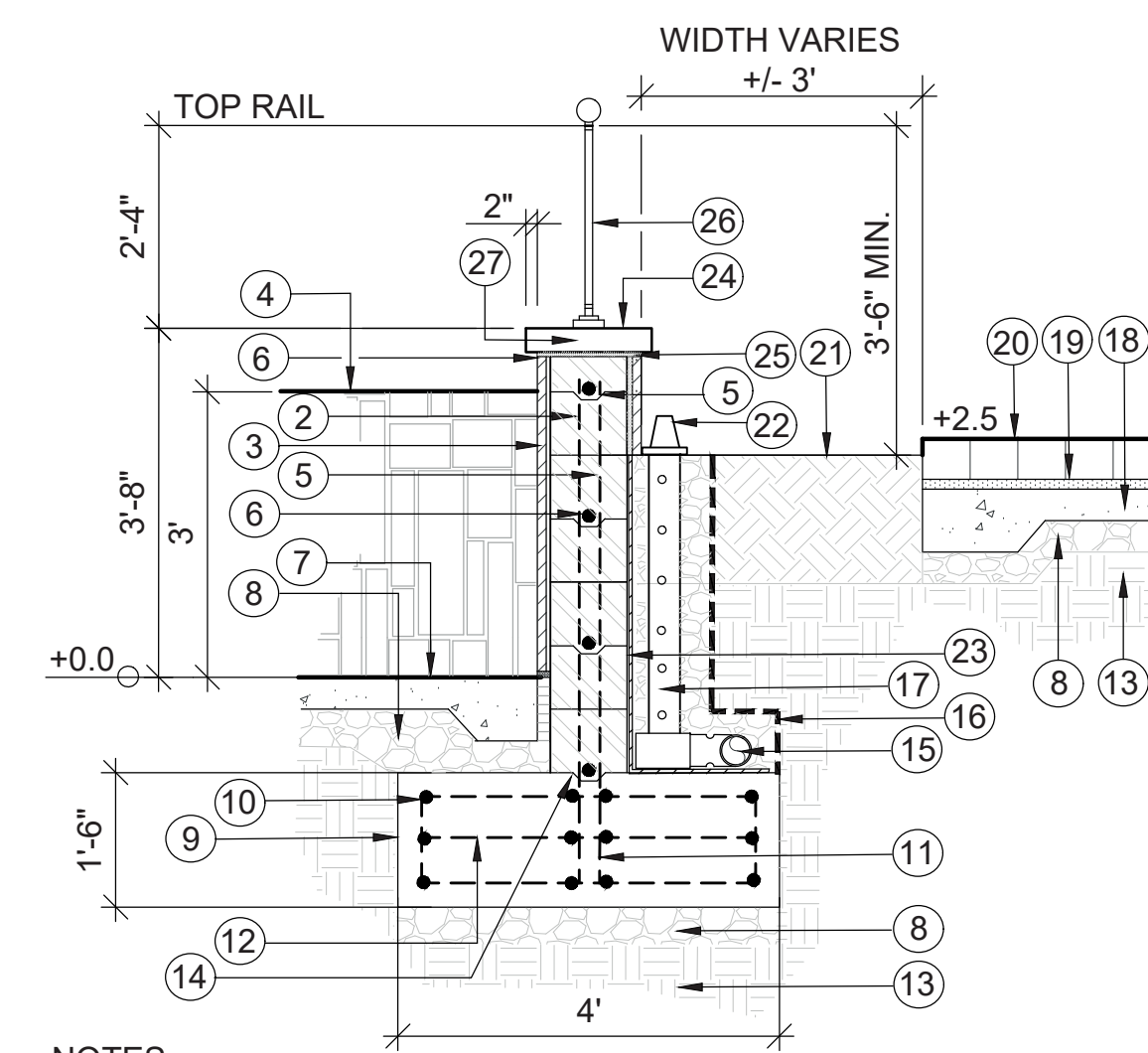
SECTION 'B' AT PLAZA  
RAMP AND HANDRAILS  
CHEEK WALL PLANTER AT RAMP

B

1/2" = 1'-0"

SECTION

- 5 RAISED PLANTER (A L-4.3)
- 6 SYNTHETIC TURF
- 7 CONCRETE SUB-BASE
- 8 CRUSHED GRAVEL BASE
- 9 #4 REBAR 12" O.C. VERTICAL
- 10 #4 REBAR 12" O.C. HORIZONTAL
- 11 #4 REBAR CONTINUOUS AS SHOWN, TIE TO VERTICAL (TYP.)
- 12 CONCRETE FOOTING
- 13 LANDSCAPE DRAIN, TIE TO STORM WATER
- 14 NATIVE SOIL, COMPACTED PER GEOTECH REPORT
- 15 COLORED CONCRETE RAMP
- 16 FILTER FABRIC, ALL AROUND GRAVEL
- 17 2 ROWS #4 REBAR VERTICAL AT 16" O.C., TIED (TYP.)
- 18 4" PERFORATED DRAIN PIPE IN FABRIC SOCK WITH 6" CRUSHED ROCK SURROUND
- 19 TERMINATE SECOND REBAR, TIE DOWN AT BOND BEAM REBAR
- 20 #4 REBAR HORIZONTAL IN BOND BEAM, EVERY-OTHER BLOCK (TYP.)
- 21 KEY JOINT AT CONCRETE FOOTING WITH #4 REBAR CONT.
- 22 MORTAR SETTING BED
- 23 FINISHED SURFACE AT PAVERS (PER PLAN)
- 24 FINISHED GRADE IN PLANTER AREA
- 25 ATRIUM DRAIN CAP (BLACK)
- 26 CMU BLOCK - FILL ALL CELLS WITH GROUT
- 27 STONE CLADDING AT WALL - ALL EXPOSED SURFACES
- 28 FINISHED SURFACE OF RAMP AT SECTION LINE
- 29 FINISHED SURFACE OF RAMP WHERE MEETS RAISED PLANTER 'A' (BEYOND SECTION LINE - NOTE ADJACENT COLORED CONCRETE WALL SLOPES WITH RAMP, TOP OF WALL IS ALWAYS 1' ABOVE FINISHED SURFACE OF RAMP)
- 30 FINISHED SURFACE AT TOP OF RAMP
- 31 HANDRAIL (PER DETAIL)
- 32 CORE-DRILL HANDRAIL MOUNTING (PER DETAIL)
- 33 COLORED CONCRETE WALL (INSIDE WALL AT RAMP, FINISH ALL EXPOSED SURFACES, TYP.)
- 34 WATERPROOFING, ALL WALLS INTERIOR AT PLANTER AREAS (TYP.)
- 35 SLOPE TO DRAIN
- 36 RETAINING WALL (OUTER WALL AT RAMP)
- 37 RAMP / WALL LIGHT (SEE NOTES)
- 38 SLEEVE / CONDUIT THROUGH WALL AS REQUIRED
- 39 WIRE SPLICE IN BOX, WHERE REQUIRED (SEE LIGHTING PLAN, NOTES AND DETAIL)



SECTION 'C' AT PLAZA  
ELLIPSE RETAINING WALL

C

1/2" = 1'-0"

SECTION

- NOTES:
- REFER TO CONSTRUCTION PLANS FOR COMPLETE DIMENSIONING
  - VERIFY CONCRETE FOOTING DEPTH WITH GEOTECH REPORT
  - SUBGRADE AND BASE COMPACTION SHALL BE AS REQUIRED BY THE GEOTECH REPORT
  - REFER TO CIVIL DRAWINGS FOR ALL STORMWATER AND GRADING - CONTRACTOR TO EXTEND PIPING AS NEEDED
  - REFER TO ALL CONSTRUCTION DETAILS IN THIS SET AS NEEDED FOR ADDITIONAL INFORMATION AND COORDINATION
  - SEE LIGHTING PLAN FOR FIXTURE LEGEND AND NOTES

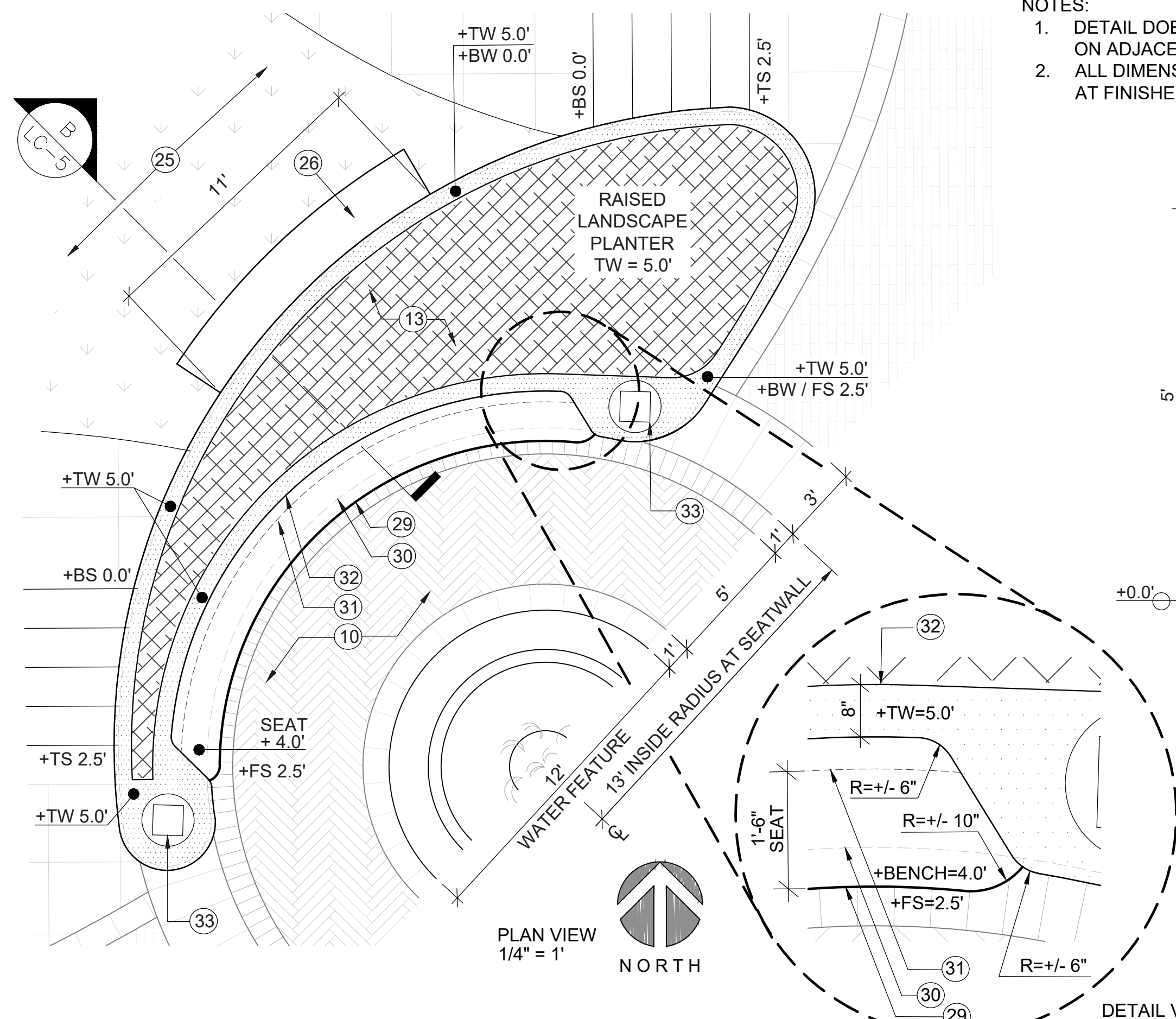
- NOTES:
- CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR APPROVAL ON WROUGHT IRON RAILING, MEET ADA REQUIREMENTS
  - VERIFY CONCRETE FOOTING DEPTH WITH GEOTECH REPORT
  - SUBGRADE AND BASE COMPACTION SHALL BE AS REQUIRED BY THE GEOTECH REPORT
  - SEE DETAIL FOR PRECAST CONCRETE WALL CAP, CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR APPROVAL
  - REFER TO ALL CONSTRUCTION DETAILS IN THIS SET AS NEEDED FOR ADDITIONAL INFORMATION AND COORDINATION
  - REFER TO CIVIL GRADING AND DRAINAGE PLANS FOR STORM DRAIN LOCATIONS, CONTRACTOR TO EXTEND PIPING AS NEEDED TO PROVIDE CONNECTION TO STORM DRAIN (TYP.)

- 1 ELLIPSE RETAINING WALL
- 2 CMU BLOCK - FILL ALL CELLS WITH GROUT
- 3 STONE CLADDING AT WALL - ALL EXPOSED SURFACES
- 4 RETAINING WALL (OUTER WALL AT RAMP)
- 5 TWO ROWS #4 REBAR VERTICAL, TIED (TYP.)
- 6 #4 REBAR HORIZONTAL IN BOND BEAM, EVERY-OTHER BLOCK (TYP.)
- 7 FINISHED SURFACE OF PAVING PER PLAN
- 8 CRUSHED GRAVEL BASE
- 9 CONCRETE FOOTING
- 10 #4 REBAR, CONTINUOUS AT FOOTING 3 ROWS STACKED AS SHOWN, TIED
- 11 #4 REBAR, VERTICAL AT 16" O.C. (TYP.)
- 12 #4 REBAR, HORIZONTAL IN FOOTING AT 16" O.C. (TYP.)
- 13 NATIVE SOIL, COMPACTED PER GEOTECH REPORT
- 14 KEY JOINT AT CONCRETE FOOTING WITH #4 REBAR CONT.
- 15 LANDSCAPE DRAIN, TIE TO STORM WATER
- 16 FILTER FABRIC, ALL AROUND GRAVEL
- 17 4" PERFORATED DRAIN PIPE IN FABRIC SOCK WITH 6" CRUSHED ROCK SURROUND
- 18 CONCRETE SUB-BASE
- 19 MORTAR SETTING BED AT PAVERS
- 20 FINISHED SURFACE AT PAVERS (PER PLAN)
- 21 FINISHED GRADE IN PLANTER AREA
- 22 ATRIUM DRAIN CAP (BLACK)
- 23 WATERPROOFING, ALL WALLS INTERIOR AT PLANTER AREAS (TYP.)
- 24 PRECAST CONCRETE CAP (SEE DETAIL)
- 25 MORTAR SETTING BED AT WALL CAP
- 26 ORNAMENTAL IRON RAILING (SEE NOTES)
- 27 MORTAR BACKING AT VERTICAL SURFACE

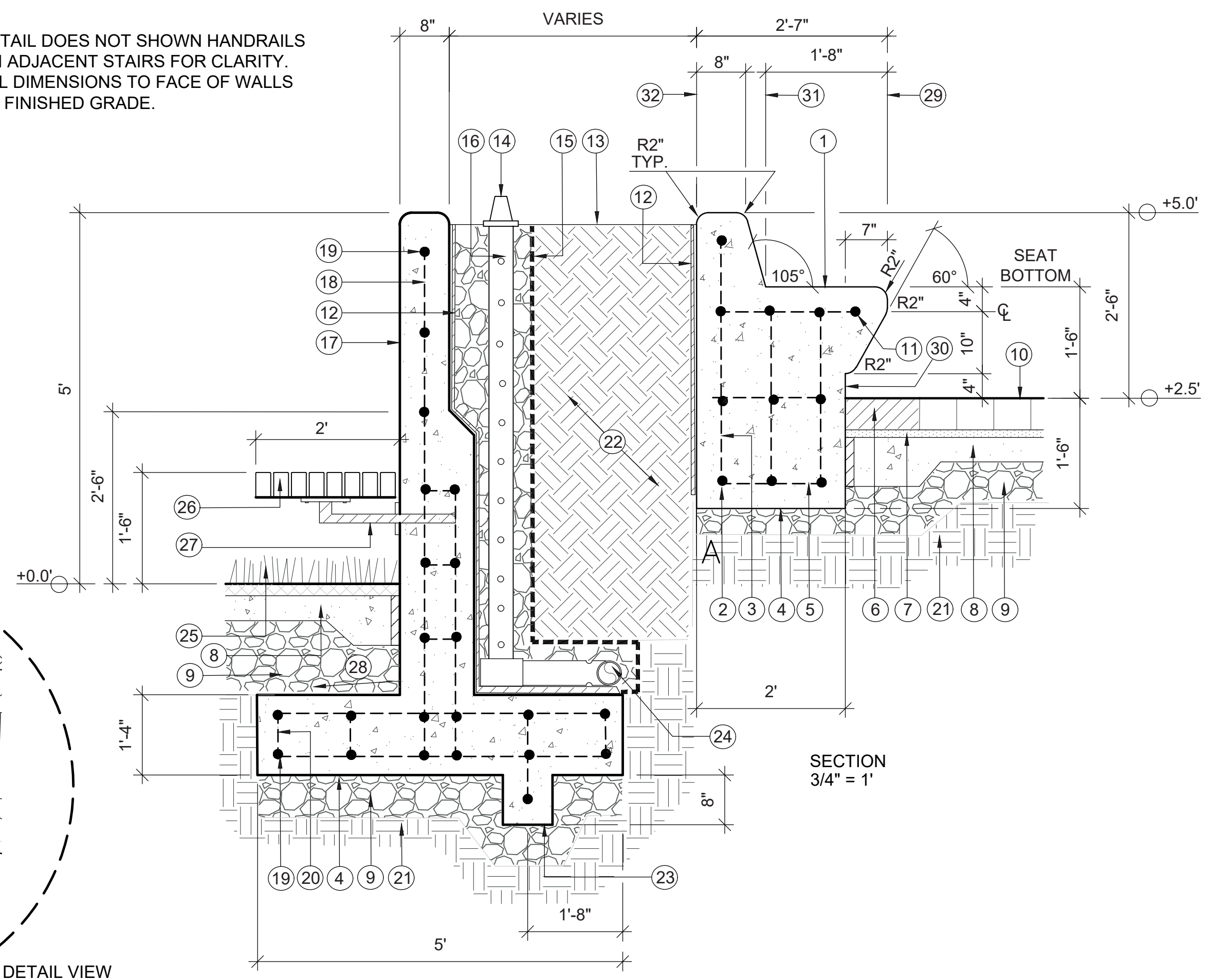
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<p>L-4.3</p>								
<p>PEI JOB#: 18473.PE</p>								





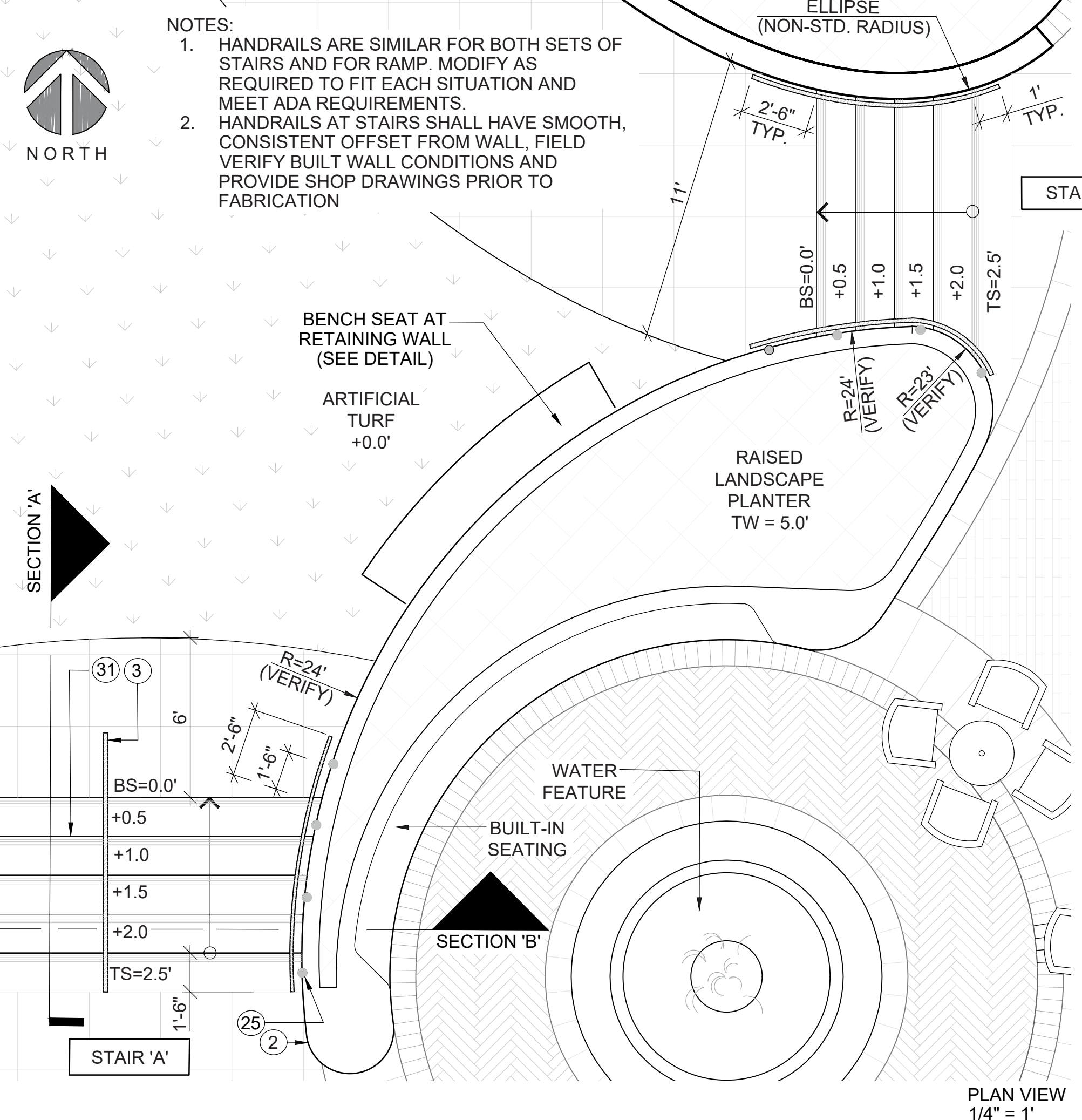
NOTES:  
 1. DETAIL DOES NOT SHOWN HANDRAILS ON ADJACENT STAIRS FOR CLARITY.  
 2. ALL DIMENSIONS TO FACE OF WALLS AT FINISHED GRADE.



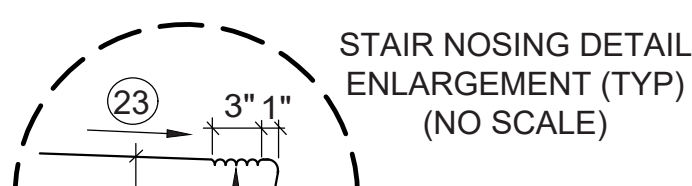
- 1 SEATWALL 'B': CAST-IN-PLACE COLORED CONCRETE SEATWALL, COLOR: \_\_\_\_\_, FINISH: MEDIUM ACID ETCH (SEE DETAIL NOTES)
- 2 #4 REBAR, 3 ROWS HORIZONTAL AT 9" O.C. AND RUN CONTINUOUS X 3 ROWS STACKED VERTICALLY AT 14" O.C., TIED
- 3 #4 REBAR, VERTICAL AS SHOWN TIE TO HORIZONTAL IN CAGE
- 4 CONCRETE FOOTING, INTEGRAL WITH SEATWALL / WALL (COLORED CONCRETE)
- 5 #4 REBAR, VERTICAL AT 14" O.C.
- 6 PAVER HEADER BAND (SHADED WITH CROSS HATCH), SHOWN FOR REFERENCE TO ILLUSTRATE THAT FACE OF WALL SHALL MEET END EDGE OF BAND (TYP.)
- 7 MORTAR SETTING BED
- 8 CONCRETE SUB-BASE
- 9 CRUSHED GRAVEL BASE
- 10 FINISHED SURFACE AT PAVERS (PER PLAN)
- 11 #4 REBAR CONT. AT NOSE OF SEATING, SET 4" CLEAR (MIN.) FROM EDGES OF CONCRETE
- 12 WATERPROOFING, ALL WALLS INTERIOR AT PLANTER AREAS (TYP.)
- 13 FINISHED GRADE IN PLANTER AREA
- 14 ATRIUM DRAIN CAP (BLACK)
- 15 FILTER FABRIC, ALL AROUND GRAVEL
- 16 4" PERFORATED DRAIN PIPE IN FABRIC SOCK WITH 6" CRUSHED ROCK SURROUND, PLACED AT 42" O.C. VERTICALLY, RUN CONT. AT TOP OF FOOTING
- 17 COLORED CONCRETE RETAINING WALL (MATCH COLOR AND FINISH OF SEATWALL)
- 18 #5 REBAR VERTICAL, 24" O.C. (TWO ROWS AS SHOWN TO 30" ABOVE FINISHED GRADE)
- 19 #5 REBAR HORIZONTAL AS SHOWN AT 14" O.C., TIED
- 20 #5 REBAR VERTICAL, TIE TOP AND BOTTOM IN FOOTING
- 21 NATIVE SOIL, COMPACTED PER GEOTECH REPORT
- 22 PLANTER BACKFILL, AMEND PER SPECS.
- 23 FOOTING KEY 8" X 8", #5 REBAR CONT.
- 24 LANDSCAPE DRAIN, TIE TO STORM WATER
- 25 SYNTHETIC TURF
- 26 WOOD SLAT BEACH (SEE DETAIL)
- 27 MOUNTING ARM (SEE DETAIL)
- 28 SLOPE TO DRAIN (TYP.)
- 29 FRONT EDGE OF SEATING, CANTILEVER OVER PAVER BAND, 7" BEYOND FACE OF WALL AT FINISHED SURFACE
- 30 FRONT EDGE OF SEATING AREA, CANTILEVER OVER PAVER BAND, 7" BEYOND FACE OF SEATWALL AT FINISHED SURFACE
- 31 BACK EDGE OF SEATING AREA, SLOPE TO DRAIN TO NOSE
- 32 BACK EDGE OF SEATWALL
- 33 PLANTER POT (SEE NOTES)

**A ELLIPSE RETAINING AND SEATWALL AT PLAZA**

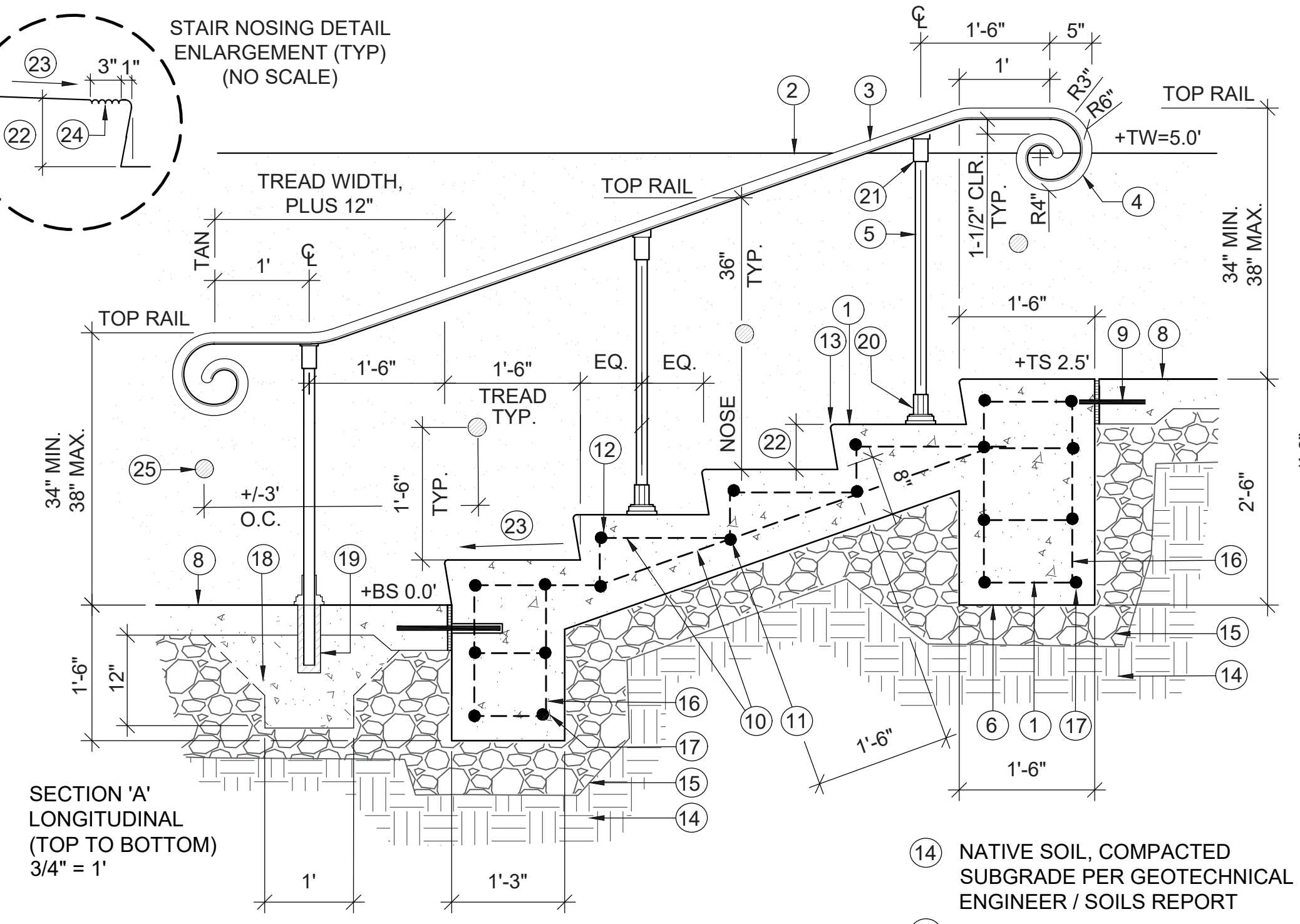
SCALE VARIES



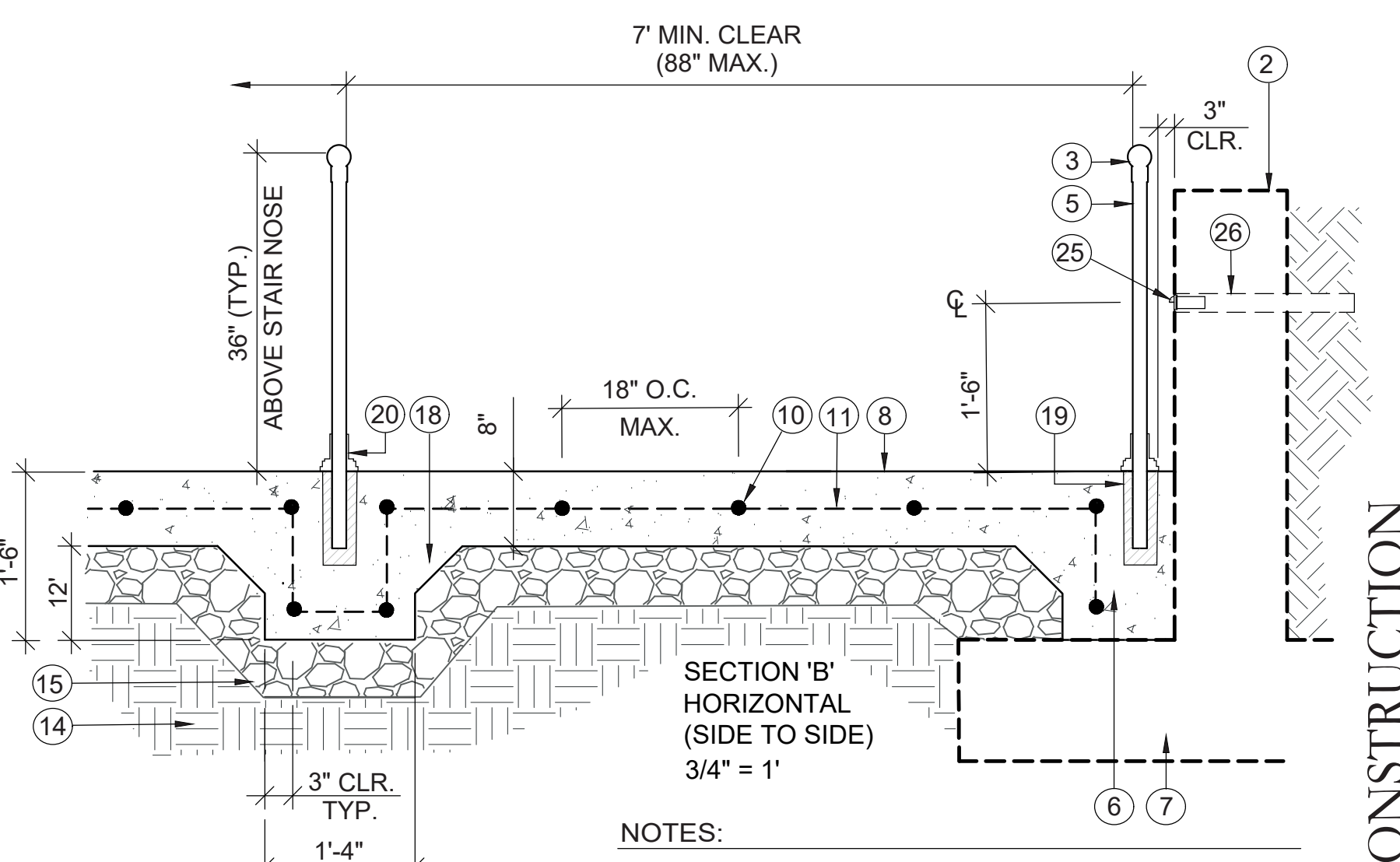
NOTES:  
 1. HANDRAILS ARE SIMILAR FOR BOTH SETS OF STAIRS AND FOR RAMP. MODIFY AS REQUIRED TO FIT EACH SITUATION AND MEET ADA REQUIREMENTS.  
 2. HANDRAILS AT STAIRS SHALL HAVE SMOOTH, CONSISTENT OFFSET FROM WALL. FIELD VERIFY BUILT WALL CONDITIONS AND PROVIDE SHOP DRAWINGS PRIOR TO FABRICATION



STAIR NOSING DETAIL ENLARGEMENT (TYP) (NO SCALE)



SECTION 'A' LONGITUDINAL (TOP TO BOTTOM) 3/4" = 1'



SECTION 'B' HORIZONTAL (SIDE TO SIDE) 3/4" = 1'

- 1 COLORED CONCRETE STAIRS W/ HEAVY BROOM FINISH ON TREADS - PERPENDICULAR TO PATH OF TRAVEL (COLOR: \_\_\_\_\_)
- 2 COLORED CONCRETE WALL (WHERE OCCURS, SEE DETAIL)
- 3 WROUGHT IRON HANDRAIL (REFER TO DETAIL NOTES)
- 4 DOWNTURN END OF HANDRAIL WITH DECORATIVE SCROLL (REFER TO DETAIL NOTES)
- 5 DECORATIVE WROUGHT IRON POST (REFER TO DETAIL NOTES)
- 6 CONCRETE FOOTING, INTEGRAL WITH STAIRS (COLORED CONCRETE)
- 7 CONCRETE FOOTING AT ADJACENT WALL (WHERE OCCURS)
- 8 PAVING PER PLAN
- 9 DOWELED EXPANSION JOINT AT TOP AND BOTTOM OF STAIRS
- 10 #4 REBAR AT 12" O.C. MAX. (PARALLEL TO TREADS / SIDE TO SIDE), PLUS AT CHANGES OF DIRECTION AND AT END RUNS (AS SHOWN)
- 11 #4 REBAR AS SHOWN (18" O.C. MAX.) (PERPENDICULAR TO TREADS / TOP TO BOTTOM)
- 12 #4 REBAR AT STAIR NOSING, CONT.
- 13 STAIR NOSING, SEE ENLARGEMENT DETAIL
- 14 NATIVE SOIL, COMPACTED SUBGRADE PER GEOTECHNICAL ENGINEER / SOILS REPORT
- 15 CRUSHED GRAVEL BASE
- 16 #4 REBAR IN FOOTING, 12" O.C. TIE WITH REBAR RUNNING TOP TO BOTTOM IN STAIRS
- 17 #4 REBAR IN FOOTING, CONTINUOUS AS SHOWN
- 18 DEEPEND FOOTING AT POST, TYP. WHERE OCCURS
- 19 9" DEEP CORE DRILLED HOLE FOR HANDRAIL POST - SET HANDRAIL POST IN HIGH STRENGTH, NON-SHRINK, NON-GYPSUM, IRON-FREE GROUT, CENTER AND SET PLUMB IN HOLE AND SLOPE TOP OF GROUT TO DRAIN AWAY FROM POST - HOLE DIA. SHALL BE 2X POST WIDTH
- 20 DECORATIVE W. IRON SLEEVE THRU POST AND COVER OVER CORE DRILL GROUT (SEE DETAIL NOTES)
- 21 DECORATIVE W. IRON SLEEVE THRU POST CONNECTION AT HANDRAIL, WHERE OCCURS SLEEVE SHALL COVER OVER WELDS AND/OR HARDWARE AS NEEDED
- 22 PROVIDE EQUAL HEIGHTS ON ALL STAIR RISERS (APPROX. 6"; EACH) - REFER TO CIVIL DRAWINGS AND ADJUST AS REQUIRED
- 23 SLOPE TREAD TO DRAIN (2% MAX.)
- 24 3" WIDE BAND OF 1/8" WIDE X 1/4" DEEP SCORELINES PER TREAD
- 25 RAMP / STAIR LIGHT, SEE NOTES
- 26 CONDUIT, SLEEVE, WIRING AND BLOCK-OUT FOR LIGHT FIXTURE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS

NOTES:  
 1. HANDRAILS AT STAIRS AND RAMPS SHALL MEET ALL ADA STANDARDS. CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR APPROVAL PRIOR TO MANUFACTURING OF HANDRAIL WITH ADEQUATE DIMENSIONING AND DOCUMENTATION THAT ALL FEDERAL AND/OR STATE STANDARDS FOR ACCESSIBILITY WILL BE SATISFIED  
 2. VERIFY DEPTH OF CONCRETE, FOOTINGS AND REBAR PER THE ENGINEER'S RECOMMENDATION.  
 3. STAIR RISER SHALL BE EQUAL HEIGHTS (4" MIN. / 7" MAX.) - FIELD VERIFY AND ADJUST AS REQ'D  
 4. REFER TO CIVIL DRAWINGS FOR ALL FINISHED GRADES ON HARDSCAPE  
 5. REFER TO CONSTRUCTION DRAWINGS FOR ADDITIONAL INFORMATION.  
 6. DESIGN OF ALL DECORATIVE WROUGHT IRON ITEMS TO BE APPROVED VIA SHOP DRAWINGS PRIOR TO FABRICATION. SAMPLES OF MATERIALS MAY BE REQUIRED FOR FINAL APPROVAL  
 7. RAMP / STAIR LIGHTS SHALL BE COORDINATED BY CONTRACTOR, SUPPLY CONDUIT, WIRING AND ALL REQUIRED SLEEVES, EQUALLY SPACE ON WALL (ONE SIDE OF RAMP OR STAIRS, AS OCCURS PER PLAN)  
 8. SEE LIGHTING PLAN FOR FIXTURE LEGEND AND NOTES

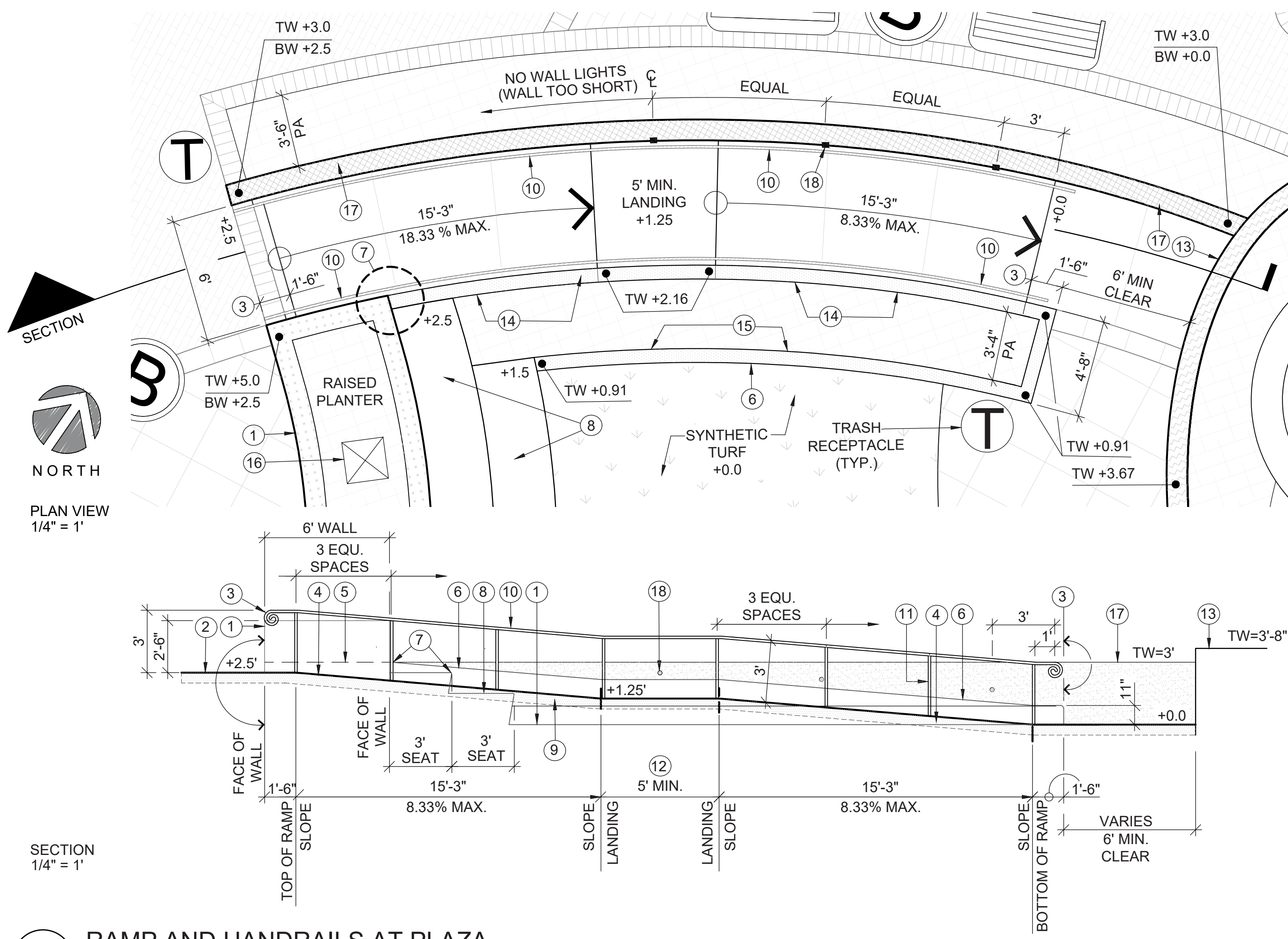
**B PLAZA STAIR 'A' AND 'B' WITH HANDRAILS**

SCALE VARIES

FINAL DESIGN - NOT RELEASED FOR CONSTRUCTION

<p>REVISIONS:</p> <table border="1"> <tr> <td>NO.</td> <td>DATE</td> <td>DESCRIPTION</td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table>	NO.	DATE	DESCRIPTION				<p>CLIENT INFORMATION:</p> <p><b>PARAMOUNT ENGINEERING, INC.</b>        122 Cinema Drive        Wilmington, North Carolina 28403        (910) 791-6707 (O) (910) 791-6760 (F)        N.C. License #: C-2846</p>
NO.	DATE	DESCRIPTION					
<p>PROJECT STATUS:</p> <p>ORIGINAL LAYOUT: _____        FINAL DESIGN: _____        RELEASED FOR CONSTRUCTION: _____</p>	<p>DETAILS</p> <p><b>CIP CONSTRUCTION COMPANY</b>        201 NORTH ELM STREET, STE. 201        GREENSBORO, NC 27401</p>						
<p>DRAWING INFORMATION:</p> <p>DATE: 06/23/23        SCALE: N.T.S.        DRAWING CHECKED: _____</p>	<p>CARROLL AT THE AVENUE        MILITARY CUTOFF RD.        WILMINGTON, NC 28405</p>						
<p>PEI JOB#: 18473.PE</p>	<p><b>L-4.4</b></p>						



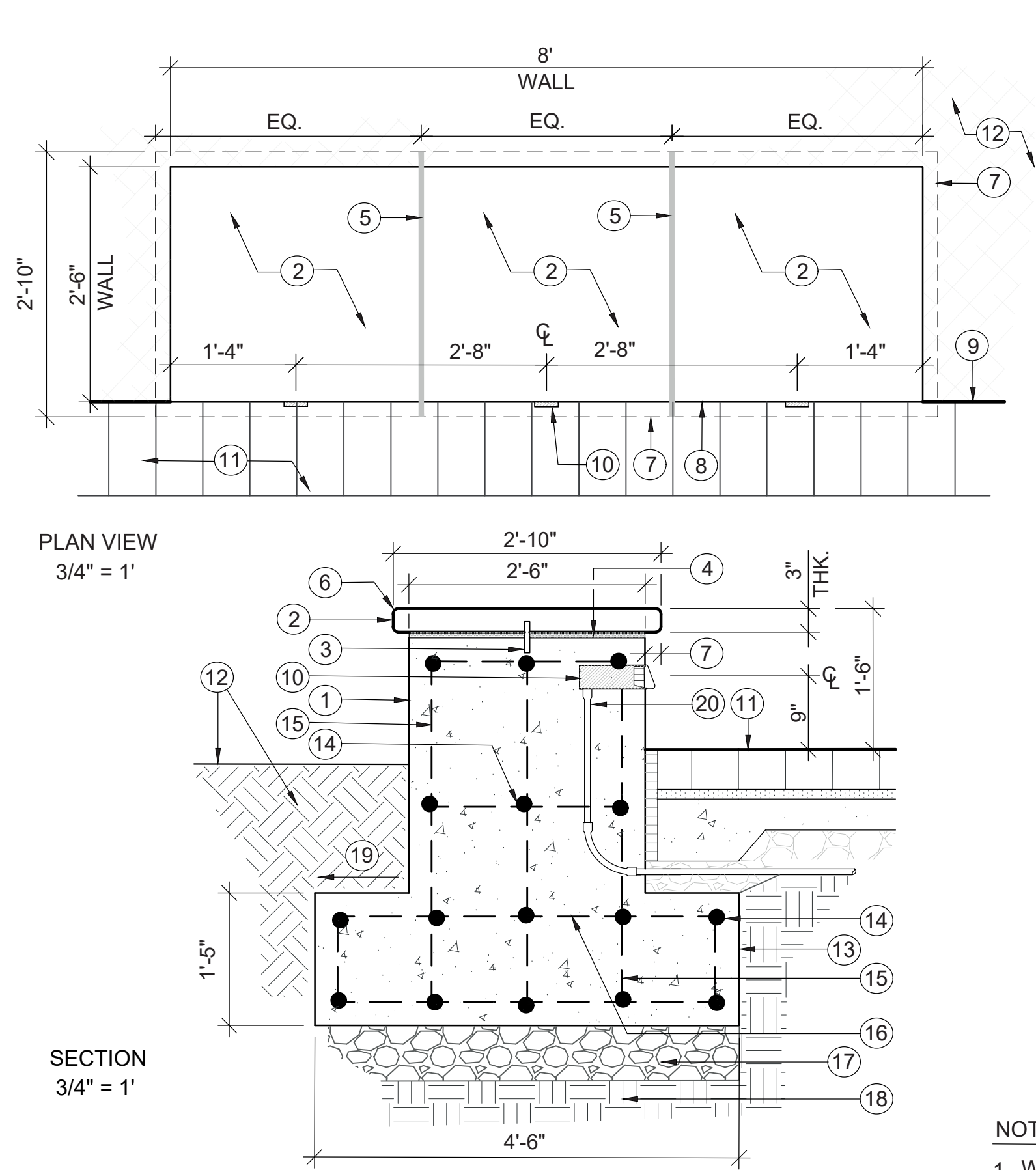


- 1 RAISED PLANTER 'A' WITH SHADE TRELLIS
  - 2 FINISHED SURFACE AT TOP OF RAMP
  - 3 DECORATIVE SCROLL RETURN AT END OF HANDRAIL, SHALL NOT EXTEND BEYOND END OF ADJACENT WALL OR INTO WALKWAY PERPENDICULAR TO RAMP (SEE NOTES FOR ITEM #7 THIS DETAIL)
  - 4 FINISHED SURFACE OF RAMP
  - 5 TOP OF WALL AT OUTSIDE EDGE OF RAMP - WALL IS LOCATED BEHIND RAMP IN THIS SECTION AND IS SHOWN FOR REFERENCE AS DASHED LINE
  - 6 RAISED PLANTER 'B', CAST-IN-PLACE COLORED CONCRETE, 8" WIDE X 11" TALL (SEE NOTES FOR ITEM #7 THIS DETAIL)
  - 7 THIS IS A CHECK POINT FOR THE LAYOUT, AT THIS INTERSECTION, THE INSIDE WALL (PLANTER 'B') AND THE OUTSIDE WALL OF THE RAMP ARE AT EQUAL ELEVATION, JUST AS PLANTER 'B' MEETS PLANTER 'A' ALL AT 90 DEGREES - ADDITIONALLY, THE TOP OF PLANTER WALL 'B' IS +/- 3" OVER THE ADJACENT SEAT NOSING = FIELD VERIFY DIMENSIONS PRIOR TO PLACING HARDSCAPE
  - 8 AMPHITHEATER SEATING, SHOWN FOR REFERENCE, SEATING SHALL ALWAYS BE LOWER THAN ADJACENT PLANTER WALL 'B' AS SHOWN (SEE DETAIL NOTE #7)
  - 9 INSIDE (PLANTER SIDE) FACE OF PLANTER WALL 'B', COLORED CONCRETE, FINISH TO MATCH ALL ADJACENT WALL SURFACES AT ALL EXPOSED AREAS (TYP.)
  - 10 HANDRAIL AT RAMP (SEE NOTES)
  - 11 HANDRAIL POST, EQUALLY SPACE ALONG RAMP AND PROVIDE AT TOP AND BOTTOM OF RAMP AND AT LANDINGS (SEE NOTES)
  - 12 LANDING, LOCATED AT MIDPOINT OF RAMP, SHALL BE MINIMUM 5' CLEAR BETWEEN SLOPED SECTIONS - THERE IS FLEXIBILITY TO PROVIDE MORE THAN 5' CLEAR AT LANDING, BUT NOT LESS (FIELD VERIFY)
  - 13 ELLIPSE RETAINING WALL
  - 14 TOP OF WALL SLOPES WITH RAMP, MAINTAIN 11" HIGH OVER FINISHED SURFACE
  - 15 TOP OF WALL IS LEVEL, MAINTAIN 11" HIGH OVER FINISHED SURFACE OF TURF
  - 16 TRELLIS POST
  - 17 RETAINING WALL AT OUTSIDE EDGE OF RAMP, SET LEVEL AT ELEVATION +3.0' ABOVE FINISHED GRADE AT BOTTOM OF RAMP
  - 18 RAMP / STAIR LIGHT - SEE NOTES
- NOTES:**
1. HANDRAIL AND POSTS SHALL BE SIMILAR IN DESIGN AND INSTALLATION AS THOSE PROVIDED AT STAIRS
  2. HANDRAILS AND RAMPS SHALL MEET ALL ADA REQUIREMENTS
  3. HANDRAILS SHALL EXTEND BEYOND TOP AND BOTTOM OF SLOPES 1' MIN. AND BE CONTINUOUS AT LANDING
  4. SEE LIGHTING PLAN FOR FIXTURE LEGEND AND NOTES
  5. SEE SECTION 'B' AT PLAZA FOR CONCRETE RAMP AND HANDRAIL DETAILS

DRAW TYPICAL STEP AND RAMP LIGHT HERE

**RAMP / STAIR LIGHT**  
SCALE VARIES

**RAMP AND HANDRAILS AT PLAZA**  
SCALE VARIES



- 1 CAST-IN-PLACE, INTEGRAL COLORED CONCRETE SEATWALL, COLOR: "PALOMINO" BY DAVIS, FINISH: MEDIUM SAND (SEE SPECS.) RADIUS ALL EDGES (TYP.)
- 2 PRECAST CONCRETE WALL CAP, BY CAROLINA ARCHITECTURAL PRECAST (OR EQUAL, SEE SPECS.) TEXTURE: SMOOTH SIZE: SEE PLAN, 3 EQUAL PIECES PER WALL, COLOR: ALABASTER
- 3 STAINLESS STEEL PIN, ONE PER CAP SECTION, DRILL AND SET WITH EPOXY IN PLACE TO WALL AND CAP
- 4 MORTAR SETTING BED, COLOR TO MATCH WALL (PROVIDE SUBMITTAL)
- 5 NON-SHRINK GROUT JOINT, COLOR TO MATCH WALL CAP (PROVIDE SUBMITTAL)
- 6 1/2" RADIUS, OUTSIDE EDGES (TYP.)
- 7 OUTSIDE DEGE OF WALL CAP, 2" OVERHANG (TYP.)
- 8 FINISHED FACE OF SEATWALL
- 9 EDGE OF PAVING (PER PLAN)
- 10 SEATWALL LIGHT, SEE LIGHTING PLAN FOR FIXTURE LEGEND AND NOTES (3 PER WALL), EVENLY SPACE, ALIGN AND SET EQUAL DISTANCE FROM FINISH SURFACE OF PAVING, PROVIDE BLOCK-OUT IN FORM, USE 1-1/2" MANUFACTURER PROVIDED OR STD. CONDUIT, REFER TO NOTES
- 11 FINISHED SURFACE OF PAVING PER PLAN
- 12 FINISHED GRADE AND AMENDED PLANTER SOIL PER SPECS
- 13 CONCRETE FOOTING
- 14 #4 REBAR HORIZONTAL, CONTINUOUS IN WALL AND FOOTING AT 12" O.C., TOP AND BOTTOM
- 15 #4 REBAR VERTICAL, AT 12" O.C., TIED TO HORIZONTAL REBAR AND FOOTING
- 16 #4 REBAR AT 12" O.C. (TIED)
- 17 CRUSHED GRAVEL SUB-BASE, PER GEOTECHNICAL REPORT
- 18 COMPACTED SUBGRADE, PER SOILS REPORT / GEOTECHNICAL REPORT
- 19 SLOPE TO DRAIN
- 20 CONDUIT IN WALL / FOOTING AS REQUIRED, SEE NOTES (3/4" MIN, OR GREATER IF REQ'D BY LOCAL CODE)

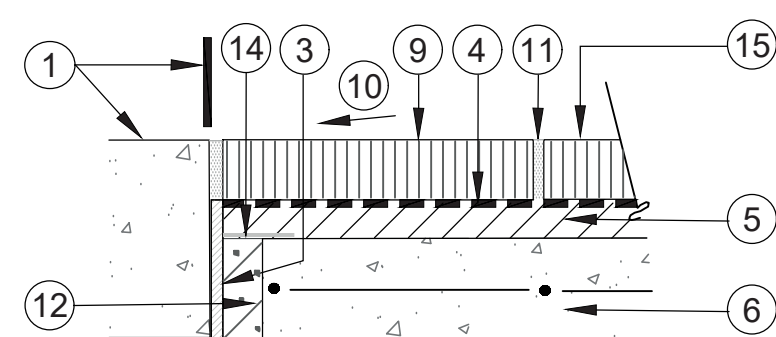
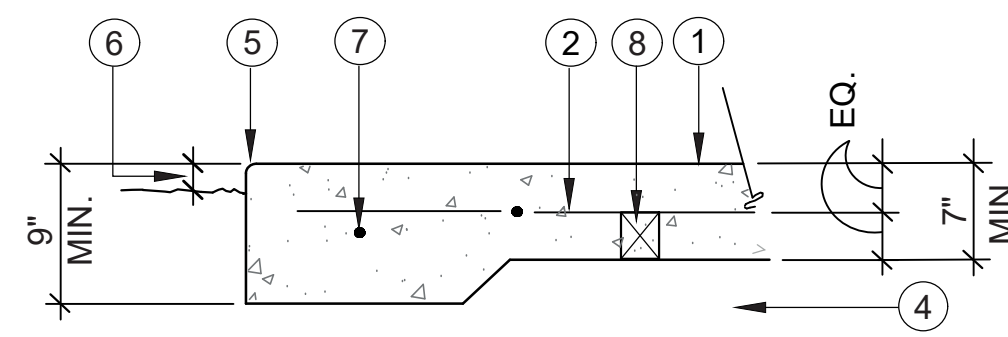
- NOTES:**
1. WALL LIGHT SHALL BE FX LUMINAIRE PO-SQ FIXTURE, SEE LIGHTING PLAN FOR LEGEND AND ADDITIONAL INFORMATION. (3) LIGHTS PER WALL
  2. WALL LIGHT INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS AND LOCAL CODES

**SEATWALL 'C'**  
3/4" = 1'

FINAL DESIGN - NOT RELEASED FOR CONSTRUCTION

<p>REVISIONS:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 5%;">NO.</td> <td style="width: 85%;">DESCRIPTION</td> <td style="width: 10%;">DATE</td> </tr> <tr> <td>1</td> <td>APPROVED ADMINISTRATIVE MODIFICATION</td> <td>3/10/2022</td> </tr> </table>	NO.	DESCRIPTION	DATE	1	APPROVED ADMINISTRATIVE MODIFICATION	3/10/2022	<p>CLIENT INFORMATION:</p> <p><b>PARAMOUNT ENGINEERING, INC.</b> 122 Cinema Drive Wilmington, North Carolina 28403 (910) 791-6707 (O) (910) 791-6760 (F) N.C. License #: C-2846</p>	<p>PROJECT STATUS:</p> <p>ORIGINAL LAYOUT: _____ FINAL DESIGN LAYOUT: _____ RELEASED FOR CONSTRUCTION: _____</p> <p>DRAWING INFORMATION:</p> <p>DATE: 06/23/23 SCALE: N.T.S. DRAWN BY: _____ CHECKED BY: _____</p>
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<p><b>DETAILS</b></p> <p><b>CARROLL AT THE AVENUE</b> <b>MILITARY CUTOFF RD.</b> <b>WILMINGTON, NC 28405</b></p>								
<p><b>L-4.5</b></p> <p>PEI JOB#: 18473.PE</p>								





5 3/4" BITUMINOUS SETTING BED,  
7% ASPHALT CEMENT / 93%  
(SEE SPECS.)

6 7" THK. CONCRETE BASE  
(VEHICULAR CONCETE  
PAVING), SEE CIVIL DWGS;  
BROOM FINISH

B SIM.  
L-4.1

A TRENCH DRAIN GRATE  
NO SCALE SECTION

B ROUNDABOUT SIGN WALL  
NO SCALE SECTION

C RETAINING WALL AT NCDOT R.O.W.  
NO SCALE SECTION

D TRASH ENCLOSURE  
NO SCALE SECTION

E RAISED CURB AT TREE / PALM PLANTER  
NO SCALE SECTION

INCLUDE MOW CURB UNDER \*WHERE OCCURS

F FENCE AND GATE AT DOG PARK  
FENCE AT POND  
NO SCALE SECTION

G CONCRETE PAVER LANDSCAPE EDGING  
NO SCALE PLAN VIEW

H BLDG. 6 COURTYARD WALL WITH BENCH  
NO SCALE SECTION

FINAL DESIGN - NOT RELEASED FOR CONSTRUCTION

<b>REVISIONS:</b>	3/10/2022				
APPROVED ADMINISTRATIVE MODIFICATION					
<b>CLIENT INFORMATION:</b>					
CIP CONSTRUCTION COMPANY 201 NORTH ELAM STREET, STE. 201 GREENSBORO, NC 27401					
<b>PARAMOUNT ENGINEERING, INC.</b>					
122 Cinema Drive Wilmington, North Carolina 28403 (910) 791-6707 (O) (910) 791-6760 (F) NC License #: C-2846					
<b>DETAILS</b>					
CARROLL AT THE AVENUE MILITARY CUTOFF RD. WILMINGTON, NC 28405					
<b>PROJECT STATUS</b>		<b>DRAWING INFORMATION</b>			
CONCEPTUAL LAYOUT: PRELIMINARY LAYOUT: RELEASED FOR CONST:		DATE: DESIGNED: DRAWN: CHECKED:			
SEA		06/23/23			
<b>L-4.6</b>					
PEI JOB#: 18473.PE					



**A** WATER FEATURE 'A' (BLDG. 6)  
NO SCALE SECTION

**B** BLDG. 6 RAISED PLANTER / SEATWALL  
NO SCALE SECTION

**C** SEATWALL 'A' (ELLIPSE PAVING, TYP.)  
NO SCALE SECTION

**D** SEATWALL 'B' (AT BIKE CORRAL)  
NO SCALE SECTION

**E** SEATWALL 'C' (BLOCKS)  
NO SCALE SECTION

SEATWALL 'D' (SERPENTINE)  
**F** NO SCALE SECTION

FINAL DESIGN - NOT RELEASED FOR CONSTRUCTION

<b>REVISIONS:</b> APPROVED ADMINISTRATIVE MODIFICATION 3/10/2022	
<b>CLIENT INFORMATION:</b> CIP CONSTRUCTION COMPANY 201 NORTH ELM STREET, STE. 201 GREENSBORO, NC 27401	
<b>PARAMOUNTE ENGINEERING INC.</b> 122 Cinema Drive Wilmington, North Carolina 28403 (910) 791-6707 (O) (910) 791-6700 (F) NC License #: C-2846	
<b>DETAILS</b> CARROLL AT THE AVENUE MILITARY CUTOFF RD. WILMINGTON, NC 28405	
<b>PROJECT STATUS</b> CONCEPTUAL LAYOUT: FINAL DESIGN: RELEASED FOR CONST:	<b>DRAWING INFORMATION</b> DATE: 06/23/23 SCALE: N.T.S. DRAWN: CHECKED:
<b>L-4.7</b> PEI JOB#: 18473.PE	



**A** BLDG. 6 STAIRS AND HANDRAIL  
NO SCALE

SECTION

**B** RAISED WOODEN WALKWAY AND BENCH  
(OVER WETLANDS)  
NO SCALE

**C** PLAZA TREE PLANTER / SEATWALL  
NO SCALE

SECTION

**D** WATER FEATURE 'B' (PLAZA)  
NO SCALE

SECTION

**E** ART NODE / PEDESTAL  
NO SCALE

SECTION

**F** BLDG. 6 TREE PLANTER / SEATWALL  
NO SCALE

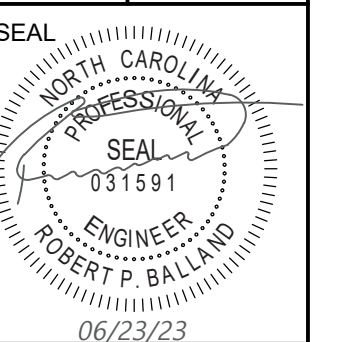
SECTION

**G** VEHICULAR GUARD RAIL  
NO SCALE

**H** LANDSCAPE FENCE  
NO SCALE

FINAL DESIGN - NOT RELEASED FOR CONSTRUCTION

PROJECT STATUS  
PRELIMINARY LAYOUT: 06/23/23  
FINAL DESIGN: N.T.S.  
RELEASED FOR CONSTRUCTION: RPB



L-4.8

PEI JOB#: 18473.PE

DETAILS

CARROLL AT THE AVENUE  
MILITARY CUTOFF RD.  
WILMINGTON, NC 28405

CLIENT INFORMATION:

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ENGINEERING INC.  
122 Cinema Drive  
Wilmington, North Carolina 28403  
(910) 791-6707 (O) (910) 791-6760 (F)  
NC License #: C-2846

REVISIONS:  
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CIP CONSTRUCTION COMPANY  
201 NORTH ELM STREET, STE. 201  
GREENSBORO, NC 27401

3/10/2023