

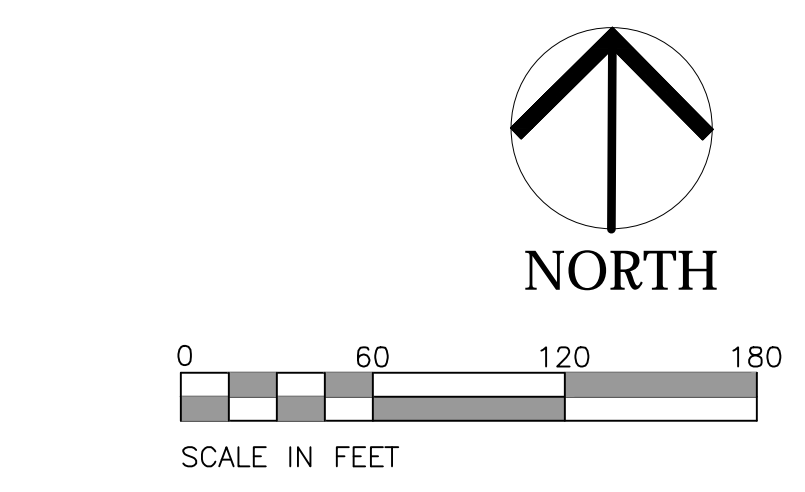
PAVING LEGEND

| | |
|--|---|
| | STANDARD DUTY ASPHALT PAVING: 2" SPA ON 6" ABC |
| | HEAVY DUTY ASPHALT PAVING: 1" SPA ON 2" SPA ON 8" ABC |
| | HEAVY DUTY CONCRETE: 6" THICK 4,000 PSI CONCRETE W/6% W.W.F. ON 4" ABC |
| | CONCRETE SIDEWALK: 4" THICK 3,000 PSI CONCRETE |

LEGEND

| | |
|--|-----------------|
| | TREE COVER AREA |
|--|-----------------|

- SITE PLAN NOTES**
- ALL DIMENSIONS ARE TO BACK OF CURB FACE OF TURNED DOWN WALK, EDGE OF PAVING, BUILDING WALL FACE OR PROPERTY LINE.
 - PARKING SPACES ARE 9.0' WIDE MINIMUM EXCEPT HANDICAP SPACES WHICH ARE 8.0' WIDE MINIMUM WITH 5.0' AISLES (8.0' AISLES - VAN).
 - REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONS OF THE BUILDING.
 - CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DIMENSIONAL CONFLICTS PRIOR TO THE BEGINNING OF CONSTRUCTION.
 - ALL CURB AND GUTTER ON-SITE SHALL BE 24" WIDE. ALL CURB AND GUTTER IN THE ADJACENT STREETS SHALL BE 30" WIDE. PROVIDE 10' TRANSITION ON-SITE.
 - CONTRACTOR TO PROVIDE H/C RAMP IN SIDEWALKS AT ALL DRIVEWAY CROSSINGS.
 - ALL ON-SITE PAVEMENT MARKINGS SHALL BE THERMOPLASTIC WITH THE EXCEPTION OF PARKING STALL STRIPES WHICH MAY BE PAINTED.
 - AT INTERSECTIONS WITH WHEEL CHAIR RAMPS, THE CURB SHALL BE PLACED SUCH THAT THE CROSS SLOPE OF THE WHEEL CHAIR RAMP DOES NOT EXCEED 2%.



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N/F
 WAKE STONE CORPORATION
 D.B. 018371, PG. 00723
 B.M. 2020, PG. 251-253
 PIN 1744580322
 LAND USE: VACANT
 ZONING: MG

INTERSTATE 840
 (VARIABLE WIDTH PUBLIC RW)
 D.B./ 8541, PG. 2274

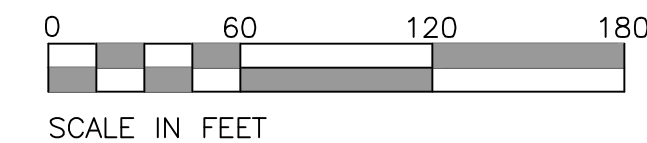
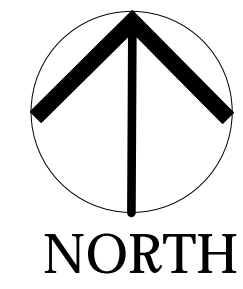
MATCH LINE

MATCH LINE



UTILITY NOTES

1. ALL MATERIALS AND METHODS OF CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RALEIGH AND THE STATE OF NORTH CAROLINA STANDARDS AND SPECIFICATIONS.
2. CONTRACTOR SHALL HAVE NORTH CAROLINA ONE CALL (1-800-432-4343) LOCATE ALL EXISTING UTILITIES PRIOR TO BEGINNING CONSTRUCTION.
3. CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTH OF ALL EXISTING UTILITIES AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES OR CONFLICTS PRIOR TO BEGINNING CONSTRUCTION.
4. CONTRACTOR SHALL COORDINATE THE LOCATION OF THE ELECTRIC, GAS, AND TELEPHONE SERVICE WITH THE APPROPRIATE UTILITY COMPANY PRIOR TO BEGINNING CONSTRUCTION. CONTRACTOR SHALL PROVIDE CONDUITS AS REQUIRED FOR THESE UTILITIES UNDER PAVED AREAS.
5. THIS PLAN IS DIAGRAMMATIC AND REPRESENTS THE APPROXIMATE LOCATION OF UTILITIES UNLESS SPECIFICALLY DIMENSIONED. THE CONTRACTOR SHALL COORDINATE THE ACTUAL AND NEW LOCATION OF UTILITIES TO AVOID CONFLICTS.
6. CONTRACTOR SHALL COORDINATE THE LOCATION OF THE WATER AND SEWER SERVICE TO THE BUILDINGS WITH THE BUILDING PLUMBING CONTRACTOR AND THE BUILDING PLANS.
7. ALL CLEAN-OUTS SHALL BE PROVIDED IN CAST IRON FRAME AND COVER SIMILAR TO WATER VALVE BOX. PROVIDE HEAVY DUTY FRAME AND COVER IN PAVED AREAS.
8. ALL MANHOLE AND CLEAN OUT FRAMES AND COVERS/GRATES SHALL BE PAINTED BLACK SEMI-GLOSS ENAMEL AFTER INSTALLATION.
9. CONTRACTOR SHALL PROVIDE CONDUITS FOR IRRIGATION LINES UNDER PAVED AREAS.
10. IRRIGATION METER, REDUCED PRESSURE ZONE DEVICE, AND SERVICE SHALL BE PROVIDED. (DESIGN-BUILD.)
11. CONTRACTOR SHALL PROVIDE PVC CONDUIT(S) UNDER PAVED AREAS FOR POWER TO LIGHT POLES AND MONUMENT SIGN.



LOTS 9 AND 10
HINTON OAKS INDUSTRIAL PARK
0 HINTON OAKS BOULEVARD
KNIGHTDALE, NORTH CAROLINA

ISSUED: 26 SEPT 2022

REVISIONS:

DRAWN BY: JET
 CHECKED BY: MLS

PROJECT: WSHOIPN

UTILITY PLAN
SHEET 1 OF 2

DWG. NO. **MP 5**

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PRELIMINARY
NOT FOR CONSTRUCTION

LOTS 9 AND 10
HINTON OAKS INDUSTRIAL PARK
0 HINTON OAKS BOULEVARD
KNIGHTDALE, NORTH CAROLINA

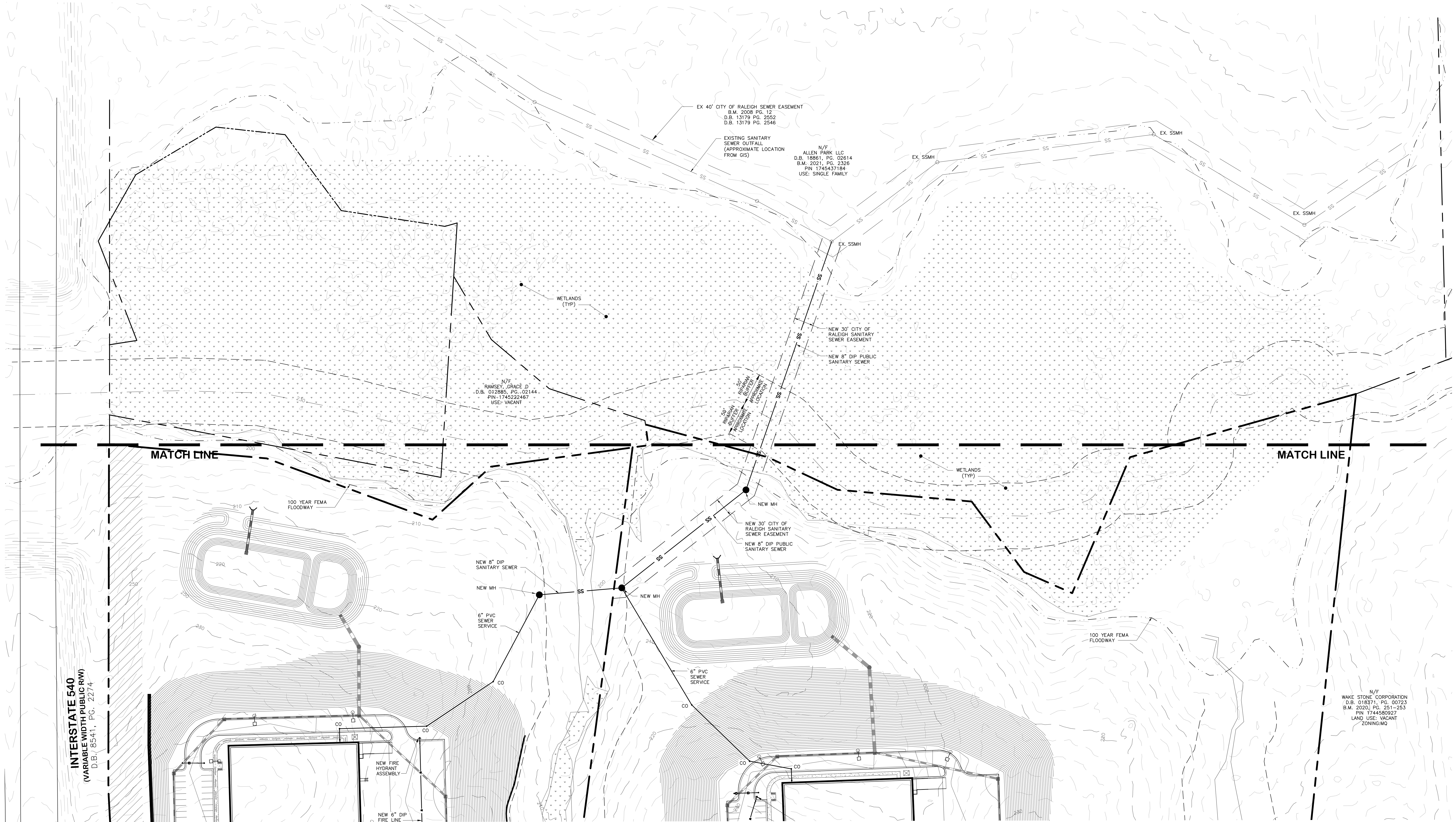
ISSUED: 26 SEPT 2022

REVISIONS:

DRAWN BY: JET
CHECKED BY: MLS
PROJECT: WSHOIPN

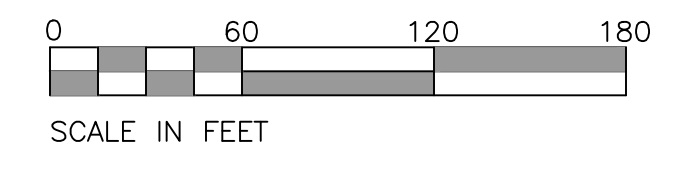
UTILITY PLAN
SHEET 2 OF 2

DWG. NO. **MP 6**



UTILITY NOTES

1. ALL MATERIALS AND METHODS OF CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RALEIGH AND THE STATE OF NORTH CAROLINA STANDARDS AND SPECIFICATIONS.
2. CONTRACTOR SHALL HAVE NORTH CAROLINA ONE CALL (1-800-432-4949) LOCATE ALL EXISTING UTILITIES PRIOR TO BEGINNING CONSTRUCTION.
3. CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTH OF ALL EXISTING UTILITIES AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES OR CONFLICTS PRIOR TO BEGINNING CONSTRUCTION.
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11. CONTRACTOR SHALL PROVIDE PVC CONDUIT(S) UNDER PAVED AREAS FOR POWER TO LIGHT POLES AND MONUMENT SIGN.



INTERSTATE 540
(VARIABLE WIDTH PUBLIC ROW)
D.B. 8541, PG. 2274

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PRELIMINARY
NOT FOR CONSTRUCTION

LOTS 9 AND 10
HINTON OAKS INDUSTRIAL PARK
0 HINTON OAKS BOULEVARD
KNIGHTDALE, NORTH CAROLINA

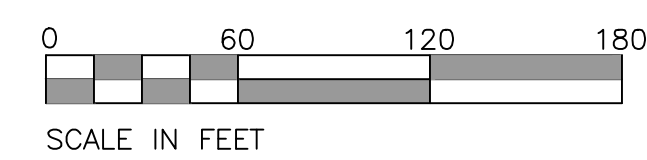
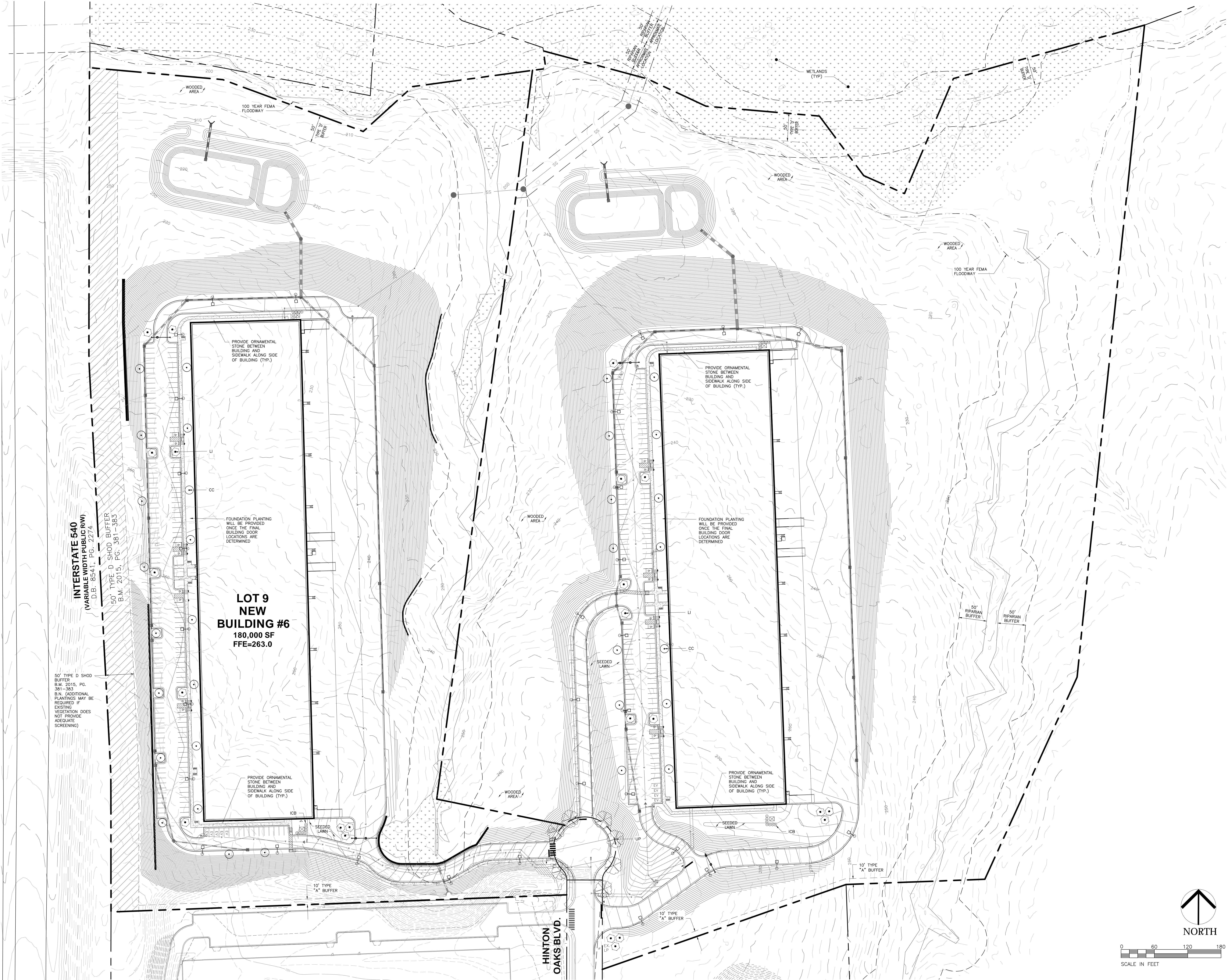
ISSUED: 26 SEPT 2022

REVISIONS:

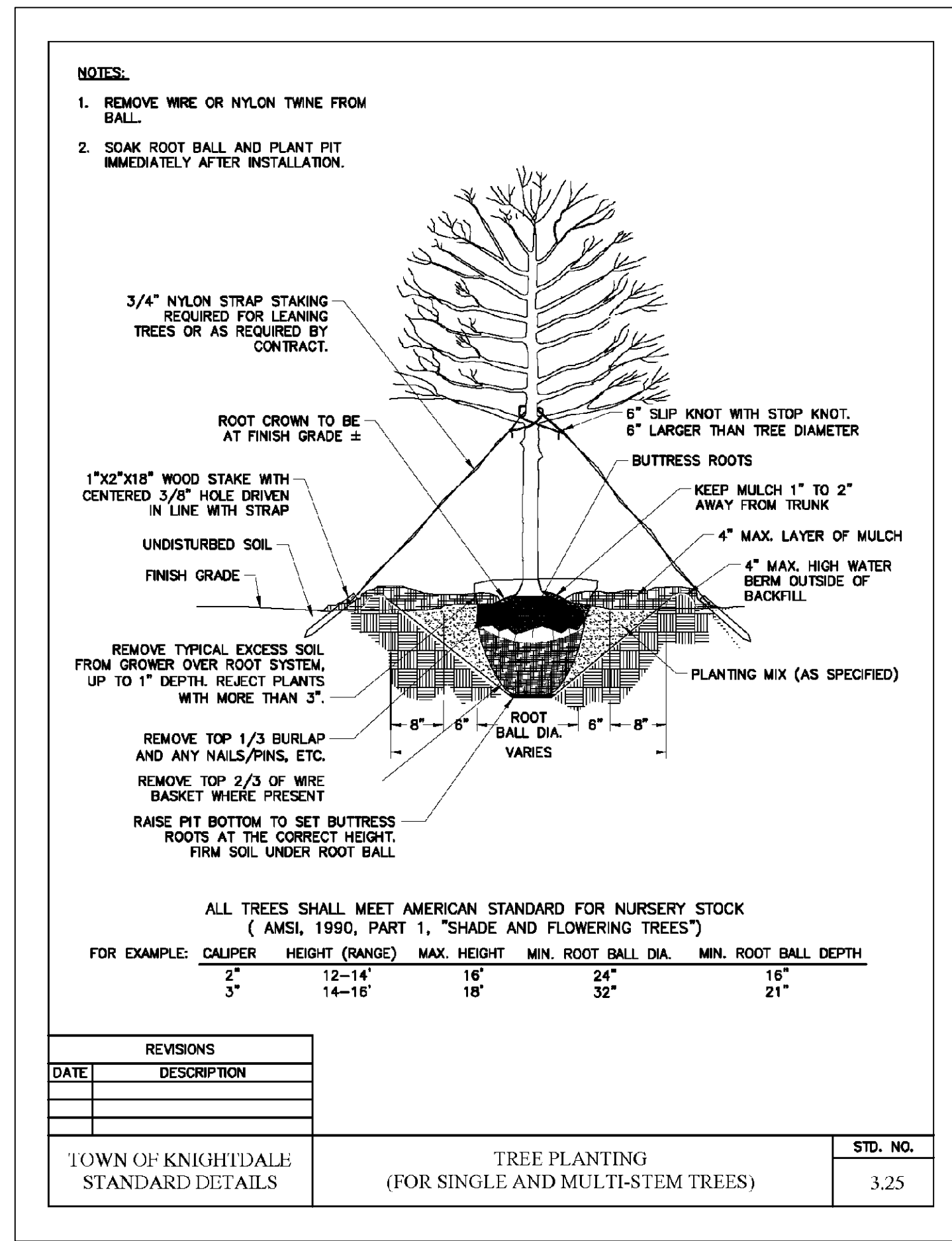
DRAWN BY: JET
CHECKED BY: CRP
PROJECT: WSHOIPN

LANDSCAPE PLAN

DWG. NO. MP 7



SCALE IN FEET



| KEY | PLANT LIST | | QUAN. | CAL. | HT. | ROOT | REMARKS |
|---------------|--|----------------------|-------|-------|-----|------|-----------------|
| | BOTANICAL NAME | COMMON NAME | | | | | |
| TREES | | | | | | | |
| CC | <i>Carpinus caroliniana</i> | American Hornbeam | 32 | 2" | 8' | B&B | CANOPY TREE |
| UL | <i>Loganstroemia indica x 'gurali'</i> | Crape Myrtle | 23 | N/A | 6' | B&B | MULTI-STEM TREE |
| UE | <i>Ulmus parvifolia 'Emer II'</i> | Chinese Lacebark Elm | 7 | 2" | 8' | B&B | STREET TREE |
| SHRUBS | | | | | | | |
| ICB | <i>Ilex cornuta 'Burfordii Nana'</i> | Chinese Holly | 26 | 3 GAL | 18" | | |

SYMBOLS: B&B = BALLED & BURLAPPED; B.R. = BARE ROOT; CONT. = CONTAINER; O.C. = ON-CENTER; GAL = GALLON

LANDSCAPE NOTES

- ALL PLANTS MUST BE HEALTHY, VIGOROUS MATERIAL, FREE OF PESTS AND DISEASE.
- ALL PLANTS ARE SUBJECT TO THE APPROVAL OF THE LANDSCAPE ARCHITECT BEFORE, DURING, AND AFTER INSTALLATION.
- ALL TREES MUST BE GUYED OR STAKED AS SHOWN IN THE DETAILS.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES AND SHALL AVOID DAMAGE TO ALL UTILITIES AND SHALL AVOID DAMAGE TO ALL UTILITIES DURING THE COURSE OF THE WORK. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY AND ALL DAMAGE TO UTILITIES, STRUCTURES, SITE APPURTENANCES, ETC. WHICH OCCURS AS A RESULT OF THE LANDSCAPE CONSTRUCTION.
- THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL QUANTITIES SHOWN ON THESE PLANS BEFORE PRICING THE WORK.
- THE CONTRACTOR IS RESPONSIBLE FOR FULLY MAINTAINING ALL PLANTING (INCLUDING BUT NOT LIMITED TO: WATERING, SPRAYING, MULCHING, FERTILIZING, ETC.) OF THE PLANTING AREAS AND LAWN UNTIL THE WORK IS ACCEPTED IN TOTAL BY THE OWNER.
- THE CONTRACTOR SHALL COMPLETELY GUARANTEE ALL PLANT MATERIAL FOR A PERIOD OF ONE YEAR (OR AS INDICATED IN THE LANDSCAPE SPECIFICATIONS) BEGINNING ON THE DATE OF TOTAL ACCEPTANCE. THE CONTRACTOR SHALL PROMPTLY MAKE ALL REPLACEMENTS BEFORE OR AT THE END OF THE GUARANTEE PERIOD.
- STANDARDS SET FORTH IN "AMERICAN STANDARD FOR NURSERY STOCK" REPRESENT GUIDELINE SPECIFICATIONS ONLY AND SHALL CONSTITUTE MINIMUM QUALITY REQUIREMENTS FOR PLANT MATERIAL.
- ALL NEW TREES ARE TO BE COMPLETELY COVERED WITH HARDWOOD SHREDDED MULCH TO A MINIMUM DEPTH OF FOUR (4) INCHES BY (5) FIVE FOOT DIAMETER.
- CONTRACTOR SHALL SEED ONSITE DISTURBED AREAS THAT ARE NOT SCHEDULED TO BE PLANTED WITH TREES AND SHRUBS. WATER AS NEEDED FROM A SOURCE APPROVED BY THE TOWN OF KNIGHTDALE AND WAKE COUNTY TO ENSURE THAT SEED GERMINATES AND ESTABLISHES. ADDITIONAL SEEDING MAY BE REQUIRED IN BARE AREAS IF ORIGINAL SEED DOES NOT ESTABLISH. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT SEEDED AREAS ARE FULLY COVERED WITH MATURE GRASSES ONE YEAR AFTER INITIAL DISTRIBUTION OF SEED.

EXISTING VEGETATION NOTE:

WOODED AREAS PRIMARILY CONTAIN MATURE, DECIDUOUS HARDWOOD TREES. THE DOMINANT SPECIES IS OAK, HOWEVER, SWEETGUM, POPLAR, HICKORY, AND PINES ALSO EXIST. UNDERSTORY VEGETATION IS TYPICAL OF WOODED AREAS IN THIS REGION AND CONTAIN PRIVET, BAMBOO, AND HOLLY SPECIES.

PERMANENT LAWN NOTES:

SEEDED LAWN AREAS

SEEDING SHALL BE AT THE FOLLOWING RATE:
PER 1000 S.F. OF LAWN AREA:

3 LBS. TURF TYPE FESCUE "TYPE A"
3 LBS. TURF TYPE FESCUE "TYPE B"

(TWO DIFFERENT FESCUES TO BE SELECTED FROM VARIETIES RECOMMENDED FOR PROJECT AREA)

1 LB. KENTUCKY BLUE GRASS

LOTS 9 AND 10
HINTON OAKS INDUSTRIAL PARK
0 HINTON OAKS BOULEVARD
KNIGHTDALE, NORTH CAROLINA

ISSUED: 26 SEPT 2022

REVISIONS:

DRAWN BY: JET
CHECKED BY: CRP

PROJECT: WSHOIPN

LANDSCAPE
DETAILS

DWG. NO. MP 8

DEVELOPER / OWNER

GENERAL CONTRACTOR

SEALS

DRAFT 9/22/2022

SPECULATIVE WAREHOUSE
KNIGHTDALE - 6
 HINTON OAKS BLVD.
 KNIGHTDALE, NC

DRAWING STATUS :

- PRELIMINARY
NOT FOR CONSTRUCTION
- ISSUED FOR
BIDDING
- ISSUED FOR
CONSTRUCTION

OWNER / CLIENT SIGNATURE :

DATE :

| MARK | DATE | DESCRIPTION |
|------|------|-------------|
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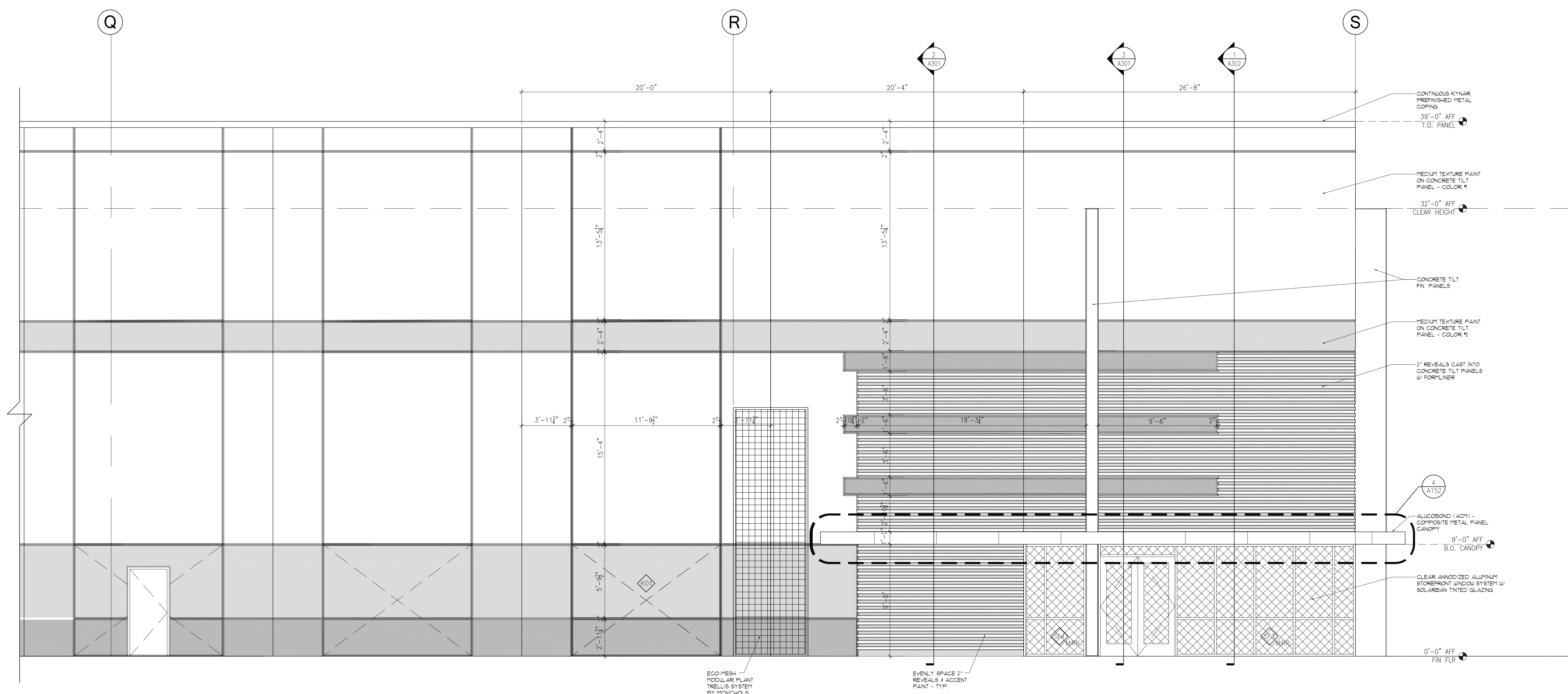
FILE NAME :

PROJECT NO. :
C22167

SHEET TITLE :
ENLARGED
ELEVATIONS

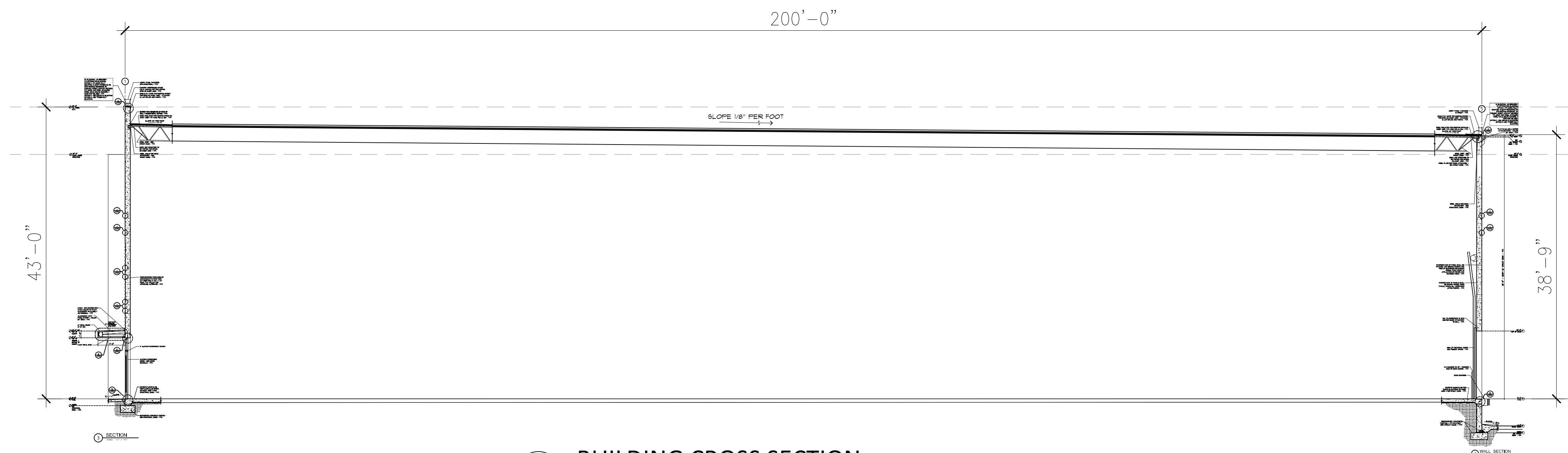
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A202

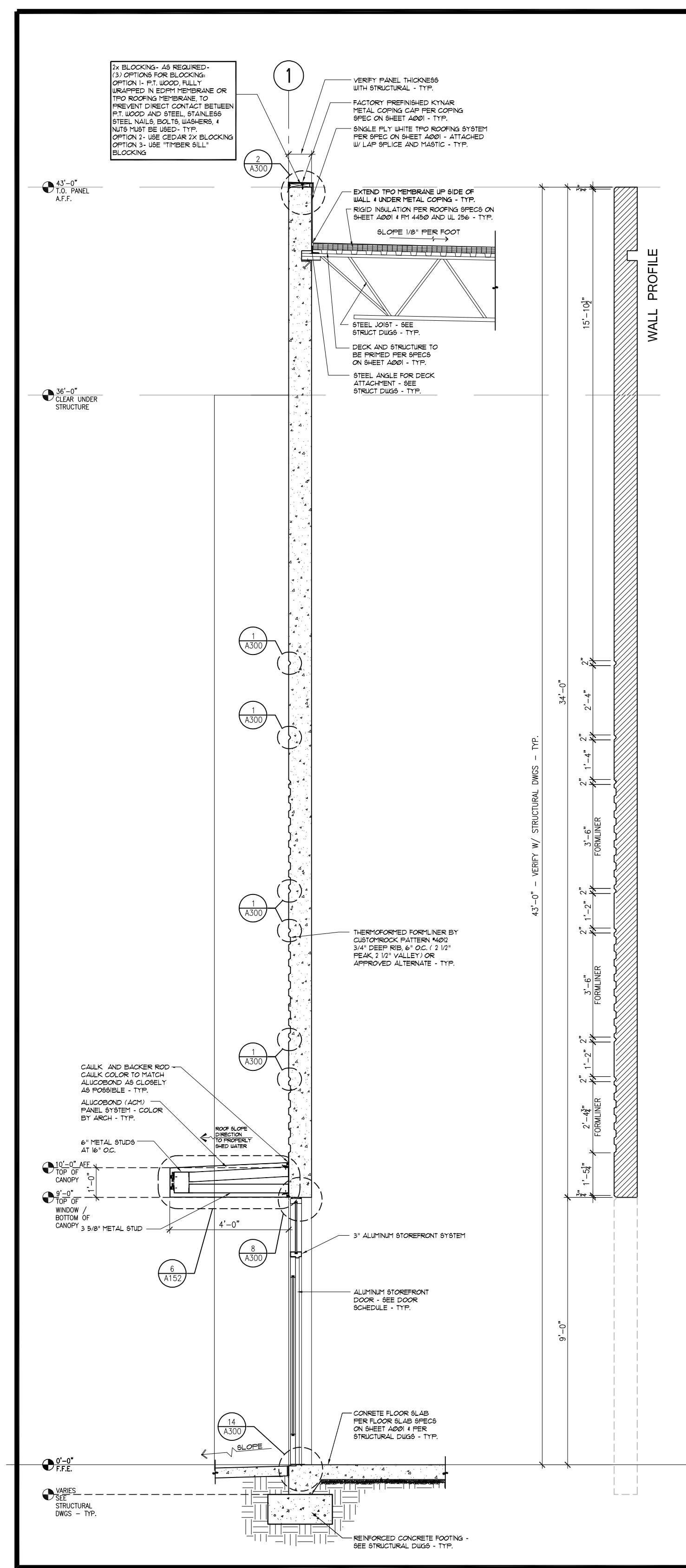


1 ENLARGED FRONT ELEVATION
 SCALE: 1/4" = 1'-0"

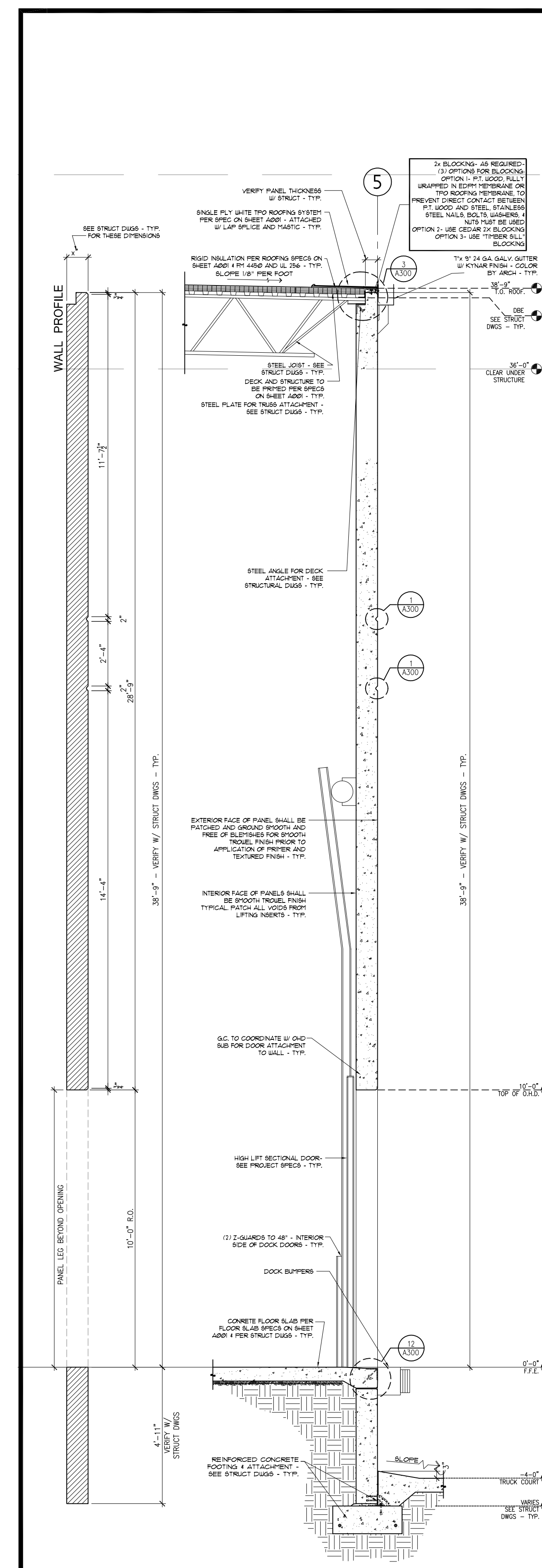
MIN. 36' CLEAR UNDER STRUCTURE - TYP.



1 BUILDING CROSS SECTION
SCALE: 1" = 10'-0"



2 ENLARGED WALL SECTION @ FRONT ENTRY
SCALE: 3/8" = 1'-0"



3 ENLARGED WALL SECTION @ LOADING DOCK
SCALE: 3/8" = 1'-0"

MIN. 36' CLEAR UNDER STRUCTURE - TYP.

DEVELOPER / OWNER:
GENERAL CONTRACTOR:
SEALS:
DRAFT 9/22/2022

SPECULATIVE WAREHOUSE - 6
KNIGHTDALE - 6
HINTON OAKS BLVD.
KNIGHTDALE, NC

DRAWING STATUS:
● PRELIMINARY
● NOT FOR CONSTRUCTION
○ ISSUED FOR BIDDING
○ ISSUED FOR CONSTRUCTION

OWNER / CLIENT SIGNATURE:
DATE:

| MARK | DATE | DESCRIPTION |
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FILE NAME:
PROJECT NO.:
C22167
SHEET TITLE:
WALL SECTIONS

DRAFT 9/22/2022

SPECULATIVE WAREHOUSE
KNIGHTDALE - 7
 HINTON OAKS BLVD.
 KNIGHTDALE, NC

DRAWING STATUS :

- PRELIMINARY
NOT FOR CONSTRUCTION
- ISSUED FOR
BIDDING
- ISSUED FOR
CONSTRUCTION

OWNER / CLIENT SIGNATURE :

DATE :

| MARK | DATE | DESCRIPTION |
|------|------|-------------|
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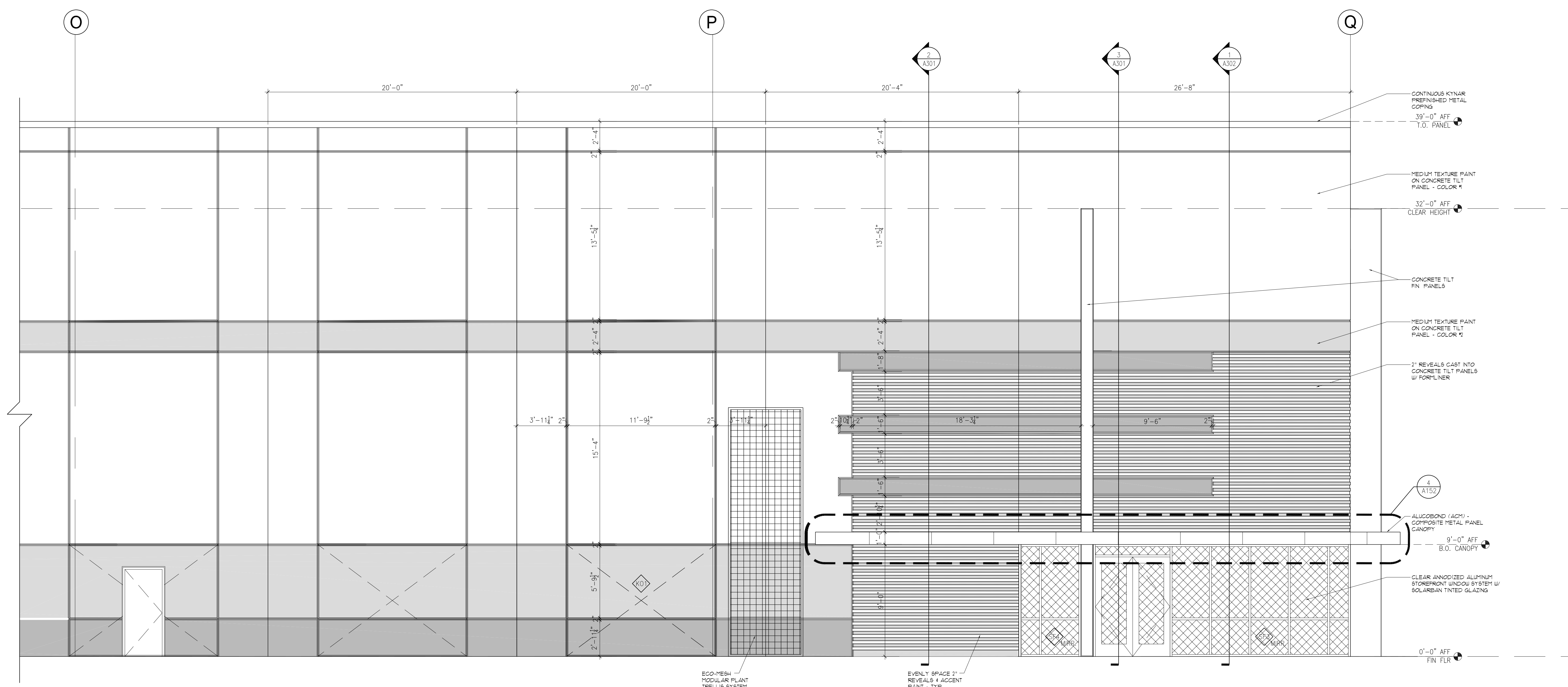
FILE NAME :

PROJECT NO. :
C22168

SHEET TITLE :
ENLARGED
ELEVATIONS

SHEET :

A202



1 ENLARGED FRONT ELEVATION
 SCALE: 1/4" = 1'-0"

MIN. 36' CLEAR UNDER STRUCTURE - TYP.



Outdoor Lighting Roadway LED



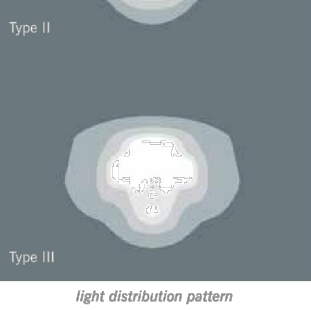
The Roadway LED is a green solution and great for streets, roads, long narrow areas and parking lots. This energy-efficient luminaire delivers the light where it is needed while increasing visibility and reducing spill light to adjoining properties. Choose low to medium light output on wood or fiberglass poles or mount on an existing pole. Available with up to four fixtures per pole, depending on the fixture/pole combination selected.

- LED
(Light Emitting Diode) 50 | 75 | 105 | 150 | 215 | 280 watts
- Mounting heights 25, 30, 35'
- Color Gray, Black
- Poles Fiberglass
Metal (special conditions)
Wood

For additional information, visit us at dkeenergy.com/outdoor-lighting or call us toll free at 866.769.6417.



Outdoor Lighting Roadway LED



Light source: LED (white)
Lumens: 4,827 - 25,050 (Fixture dependent)

| Wattage | Light Pattern | IESNA Backlight Rating - Class (B50) Rating |
|----------------|------------------------------|---|
| LED 50 | IESNA Type III (medium oval) | 81-U0-G1 |
| LED 75 | IESNA Type II (long oval) | 81-U0-G2 |
| LED 105 | IESNA Type II (long oval) | 82-U0-G3 |
| LED 150 | IESNA Type III (medium oval) | 82-U0-G2 |
| LED 215 | IESNA Type III (medium oval) | 83-U0-G3 |
| LED 280 | IESNA Type III (medium oval) | 83-U0-G4 |

Color temperature: 4,000K
Warm-up and restrike time: Instant on (no warm-up or restrike time)

| Poles available: | Mounting height | Color |
|----------------------------|-----------------|-------------------------|
| Fiberglass | 25, 30, 35' | Gray |
| Wood | 25, 30, 35' | Black (additional cost) |
| Wood | 25, 30, 35' | Standard |
| Metal (special condition)* | 25, 30, 35' | Gray |

| Features | Benefits |
|--|--|
| Low or no installation cost | Free up capital for other projects |
| Design services by lighting professionals included | Meets industry standards and lighting ordinances |
| Maintenance included | Eliminates high and unexpected repair bills |
| Electricity included | Less expensive than metered service |
| Warranty included | Worry-free |
| One low monthly cost on your electric bill | Convenience and savings for you |
| Turnkey operation | Provides hassle-free installation and service |
| Backed by over 40 years of experience | A name you can trust today... and tomorrow |

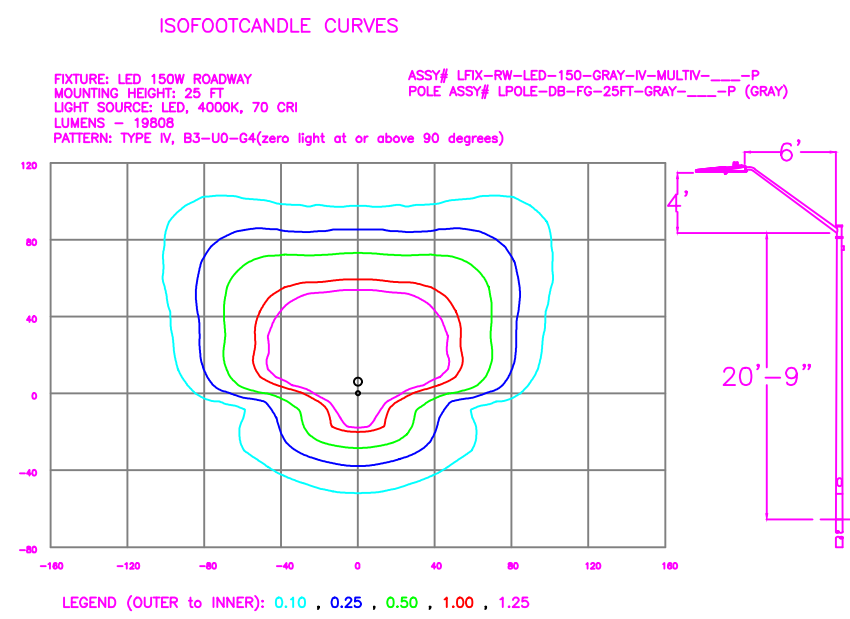
* Used foundation available when required.

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Statistics

| Description | Symbol | Avg | Max | Min | Max/Min | Avg/Min |
|-------------|--------|--------|--------|--------|---------|---------|
| Parking | ✱ | 1.4 fc | 3.6 fc | 0.5 fc | 7.2:1 | 2.8:1 |

| Symbol | Label | Quantity | Description | Number Lamps | Lumens Per Lamp | Light Loss Factor |
|--------|-------|----------|------------------------------------|--------------|-----------------|-------------------|
| ⊕ | A | 14 | LED 150W Roadway - Type IV - 4000K | 1 | 19800 | 0.85 |



LIGHTING DESIGN TOLERANCE

The calculated footcandle light levels in this lighting design are predicted values and are based on specific information that has been supplied to Duke Energy. Any inaccuracies in the supplied information, differences in luminaire installation, lighted area geometry including elevation differences, reflective properties of surrounding surfaces, obstructions (foliage or otherwise) in the lighted area, or lighting from sources other than listed in this design may produce different results from the predicted values. Normal tolerances of voltage, lamp output, and ballast and luminaire manufacture will also affect results.



PROPRIETARY & CONFIDENTIAL

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HINTON OAKS 9

| | |
|---|-----------------------|
| Knightdale, NC | |
| SITE LIGHTING ARRANGEMENT | |
| Designed by DUKE ENERGY PROGRESS LIGHTING SOLUTIONS | |
| Reviewed by N. Johnson | Scale 1" = 60' |
| Date 09/21/2022 | Size Drawing size "D" |
| Description LED Roadway | |
| Drawing No. 22-0367A | Sht. 1 OF 1 |

| NO. | DATE | REVISION | BY |
|-----|------|----------|----|
| | | | |



Outdoor Lighting Roadway LED



The Roadway LED is a green solution and great fit for streets, roads, long narrow areas and parking lots. This energy-efficient luminaire delivers the light where it is needed while increasing visibility and reducing spill light to adjoining properties. Choose low to medium light output on wood or fiberglass poles or mount on an existing pole. Available with one to four fixtures per pole, depending on the fixture/pole combination selected.

| | |
|--------------------------------------|--|
| LED <i>(Light Emitting Diode)</i> | 50 75 105 150 215 280 watts |
| Mounting heights | 25, 30, 35' |
| Color | Gray, Black |
| Poles | Fiberglass Metal (special conditions) Wood |

For additional information, visit us at dukeenergy.com/outdoorlighting or call us toll free at 866.769.6477.



Outdoor Lighting Roadway LED

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Lumens: 4,827 - 25,050 (Fixture dependent)

| Wattage | Light Pattern | IESNA Backlight-Uplight - Class (BLS) Rating |
|----------------|------------------------------|---|
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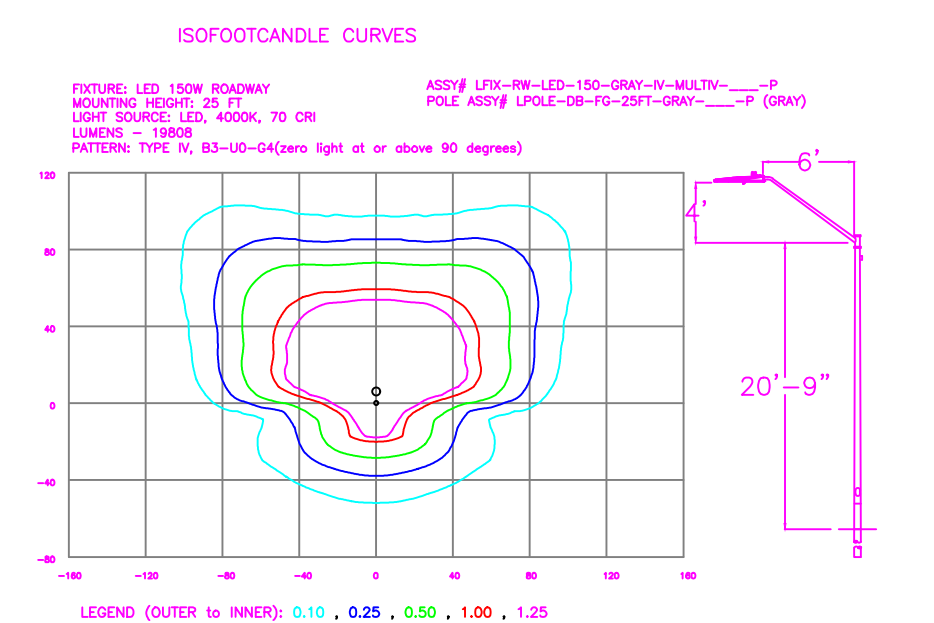
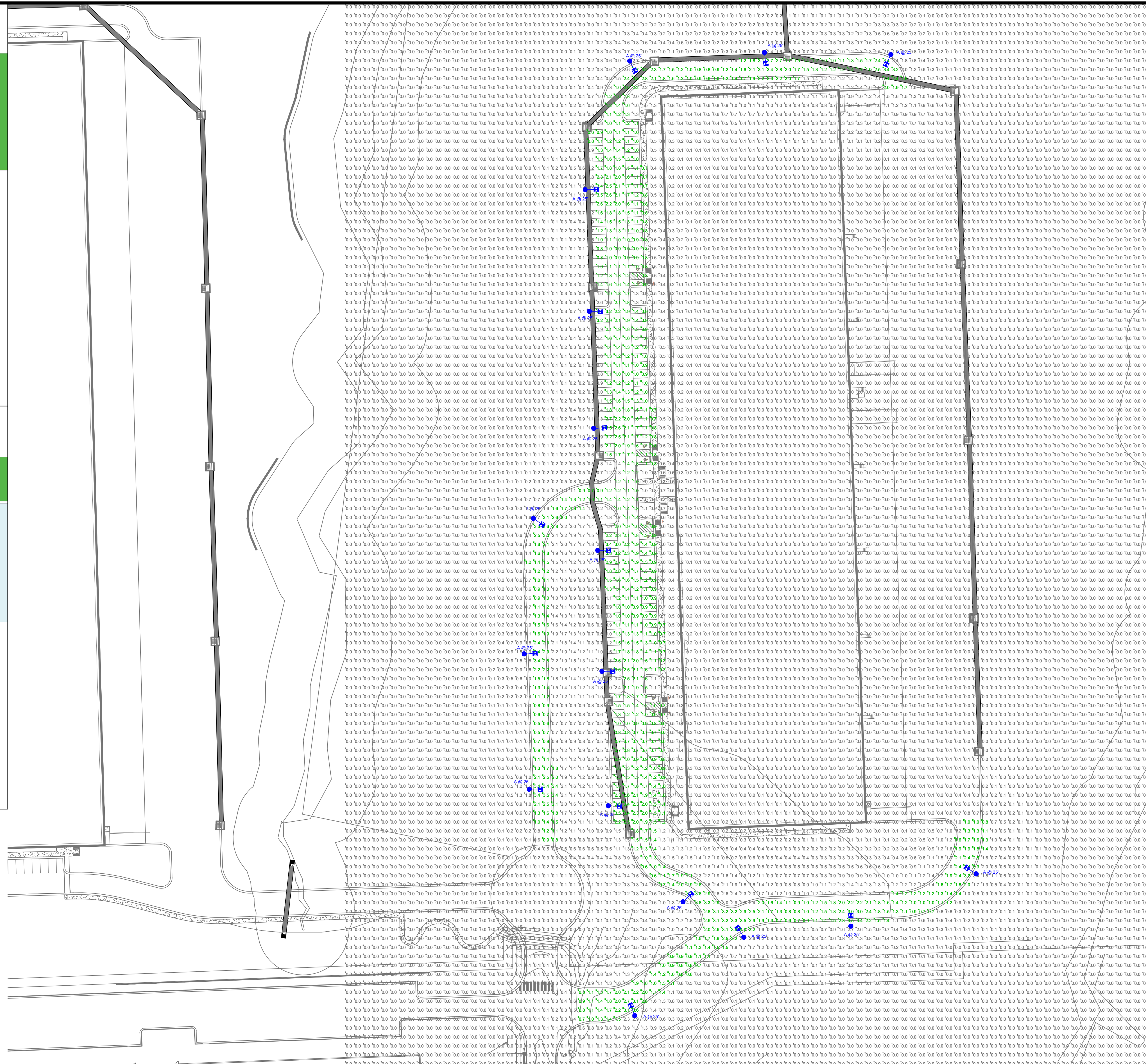


Color temperature: 4,000K
Warm-up and restrike time: Instant on (no warm-up or restrike time)

| Name | Mounting height | Color |
|-----------------------------|-----------------|-------------------------|
| Fiberglass | 25, 30, 35' | Gray |
| Fiberglass | 25, 30, 35' | Black (additional cost) |
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|--|--|
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| Maintenance included | Eliminates high and unneeded repair bills |
| Electricity included | Less expensive than metered service |
| Warranty included | Worry-free |
| One low monthly cost on your electric bill | Convenience and savings for you |
| Turnkey operation | Provides hassle-free installation and service |
| Backed by over 40 years of experience | A name you can trust today... and tomorrow |

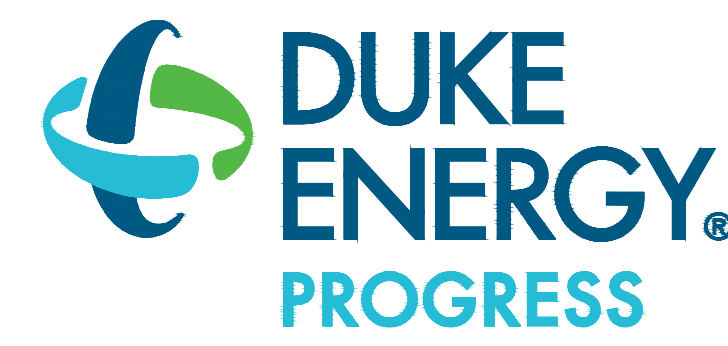
*2" used foundation available when required



| Statistics | | | | | |
|-------------|--------|--------|--------|--------|---------|
| Description | Symbol | Avg | Max | Min | Avg/Min |
| Parking | ☒ | 1.6 fc | 4.0 fc | 0.5 fc | 8.0:1 |

| Schedule | | | | | |
|----------|-------|-----|------------------------------------|--------------|-----------------|
| Symbol | Label | QTY | Description | Number Lamps | Lumens per Lamp |
| ☒ | A | 17 | LED 150W Roadway - Type IV - 4000K | 1 | 19800 |

LIGHTING DESIGN TOLERANCE
The calculated footcandle light levels in this lighting design are predicted values and are based on specific information that has been supplied to Duke Energy. Any inaccuracies in the supplied information, differences in luminaire installation, lighted area geometry including elevation differences, reflective properties of surrounding surfaces, obstructions (foliage or otherwise) in the lighted area, or lighting from sources other than listed in this design may produce different results from the predicted values. Normal tolerances of voltage, lamp output, and ballast and luminaire manufacture will also affect results.



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|---------------------------|---|
| HINTON OAKS 10 | |
| Knightdale, NC | |
| SITE LIGHTING ARRANGEMENT | |
| Designed by | DUKE ENERGY PROGRESS LIGHTING SOLUTIONS |
| Reviewed by | N. Johnson Scale 1" = 60' |
| Date | 09/21/2022 Size Drawing size "D" |
| Description | LED Roadway |
| Drawing No. | 22-0368A Sht. 1 OF 1 |

| NO. | DATE | REVISION | BY |
|-----|------|----------|----|
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