

SEE SHEETS:
L-3.0, L-4.0, L-5.0,
L-7.1, L-8.0

SEE SHEETS:
L-3.1, L-4.1, L-5.1,
L-7.2, L-8.1

SEE SHEET:
L-3.3

SEE SHEET:
L-3.2

SEE SHEET:
L-3.4

MOORE COUNTY
HISTORIC
COURTHOUSE

MONROE ST
(NC HWY 27)

MCREYNOLDS ST
(NC HWY 27)

RAY ST

RAY ST

MARTIN ST

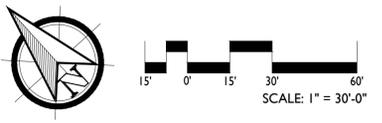
MCNEILL ST

MCNEILL ST

2 M



CAUTION
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140 APPECROSS RD, STE B
PINEHURST, NC 28374
P: (910) 684-6487
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REVISIONS:

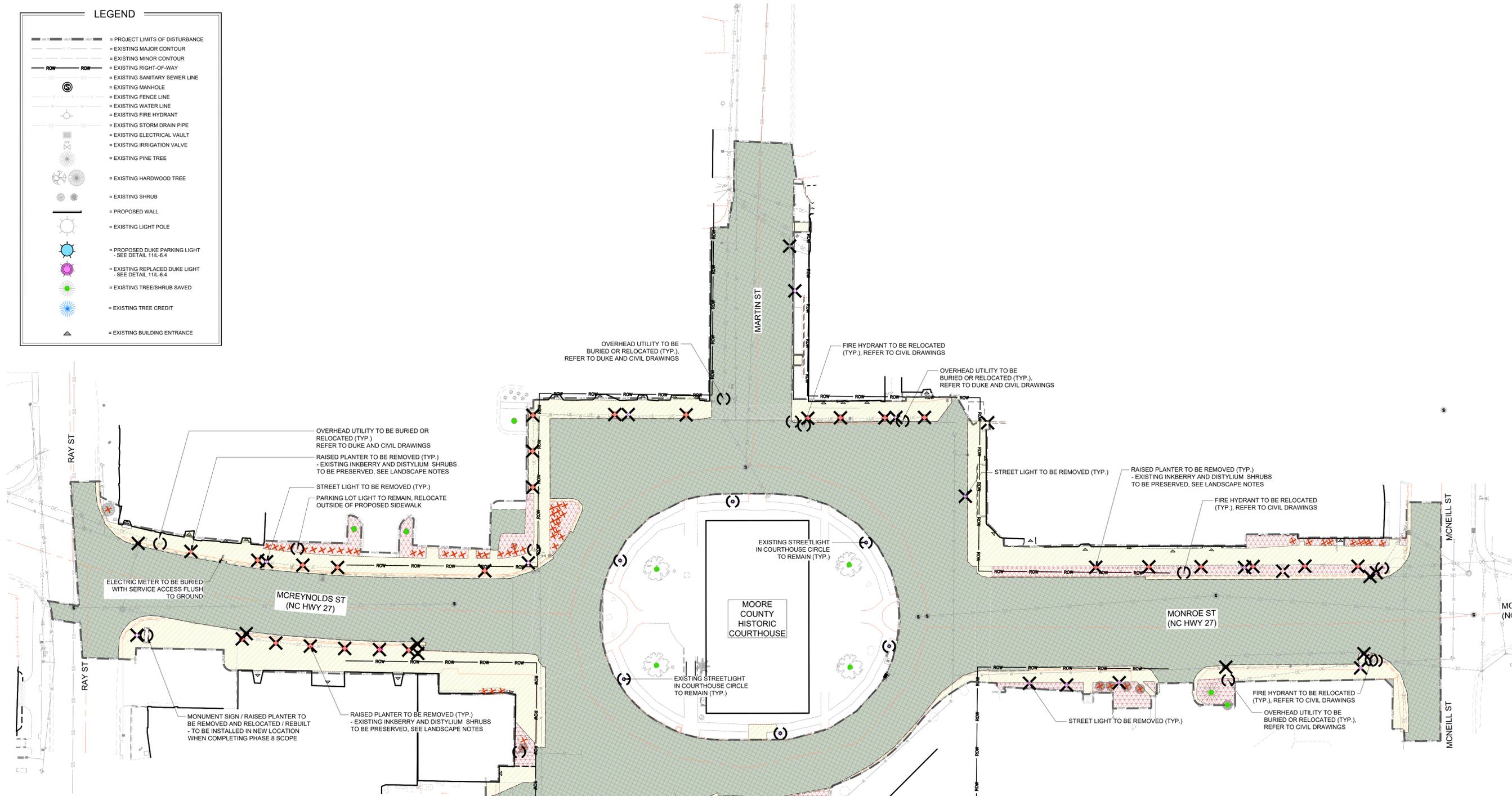
CARTHAGE DOWNTOWN REVITALIZATION

CARTHAGE, NORTH CAROLINA

OVERALL KEY SHEET

DATE: 2026-02-06
DESIGNED BY: TWH
DRAWN BY: DVM
CHECKED BY: TWH
SCALE: 1" = 30'
PROJECT #: 250448
SHEET NUMBER#: **L-1.0**

LEGEND	
	= PROJECT LIMITS OF DISTURBANCE
	= EXISTING MAJOR CONTOUR
	= EXISTING MINOR CONTOUR
	= EXISTING RIGHT-OF-WAY
	= EXISTING SANITARY SEWER LINE
	= EXISTING MANHOLE
	= EXISTING FENCE LINE
	= EXISTING WATER LINE
	= EXISTING FIRE HYDRANT
	= EXISTING STORM DRAIN PIPE
	= EXISTING ELECTRICAL VAULT
	= EXISTING IRRIGATION VALVE
	= EXISTING PINE TREE
	= EXISTING HARDWOOD TREE
	= EXISTING SHRUB
	= PROPOSED WALL
	= EXISTING LIGHT POLE
	= PROPOSED DUKE PARKING LIGHT - SEE DETAIL 11L-64
	= EXISTING REPLACED DUKE LIGHT - SEE DETAIL 11L-64
	= EXISTING TREE/SHRUB SAVED
	= EXISTING TREE CREDIT
	= EXISTING BUILDING ENTRANCE



1.0 GENERAL NOTES:

- UNDERGROUND UTILITIES HAVE NOT BEEN VERIFIED BY THE OWNER, LANDSCAPE ARCHITECT, OR THEIR REPRESENTATIVES. PLEASE CALL BEFORE YOU DIG. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK AND AGREES TO BE RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT RESULT FROM THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY UNDERGROUND UTILITIES TO REMAIN.
- THE CONTRACTOR SHALL VERIFY EXISTING CONDITIONS TO ENSURE THAT THE NEW WORK SHALL FIT INTO THE EXISTING SITE IN THE MANNER INTENDED AND AS SHOWN ON THE DRAWINGS. SHOULD ANY CONDITIONS EXIST THAT ARE CONTRARY TO THOSE ON THE DRAWINGS, THE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE PRIOR TO PERFORMING ANY WORK IN THE AREA INVOLVING DISCREPANCIES. NOTIFICATION SHALL BE MADE IN THE FORM OF A DRAWING OR SKETCH INDICATING FIELD MEASUREMENTS AND NOTES RELATING TO THE AREA.
- ALL WORK SHALL MEET OR EXCEED THE REQUIREMENTS OF ALL APPLICABLE FEDERAL, STATE, AND LOCAL LAWS, ORDINANCES AND REQUIREMENTS. THE CONTRACTOR SHALL OBTAIN ALL LICENSES AND PERMITS REQUIRED FOR THE PERFORMANCE OF HIS WORK.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PERFORM ALL WORK IN A MANNER THAT PROTECTS COMPLETED WORK BY OTHERS, SUCH AS CURBS, UTILITIES, STORM DRAINAGE, FENCES, DRIVEWAY APRONS, DRIVES, VEGETATION, ETC. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COST OF SATISFACTORY REPAIR OF ALL DAMAGES IN KIND RESULTING FROM HIS/HER FAILURE TO COMPLY.
- THE CONTRACTOR IS TO VERIFY ALL QUANTITIES SHOWN ON THE PLAN. IF DISCREPANCIES OCCUR, THE CONTRACTOR SHALL CONTACT THE LANDSCAPE ARCHITECT IMMEDIATELY.
- THE CONTRACTOR SHALL GUARANTEE ALL LANDSCAPE IMPROVEMENTS, INCLUDING SEEDING, FOR ONE FULL YEAR AS REQUIRED BY THE SPECIFICATIONS. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL PLANT MAINTENANCE DURING THE GUARANTEE PERIOD.

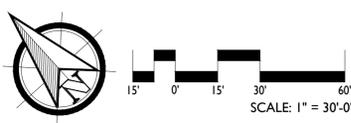
DEMOLITION NOTES:

- CONTRACTOR TO USE DIGITAL FILES PROVIDED BY LANDSCAPE ARCHITECT FOR DEMOLITION OF EXISTING SITE FEATURES.
- CONTRACTOR TO REVIEW DEMOLITION OF ALL EXISTING SITE FEATURES WITH LANDSCAPE ARCHITECT PRIOR TO PROCEEDING WITH WORK.
- EXISTING IRRIGATION SYSTEM AND ALL IRRIGATION COMPONENTS TO BE REMOVED

DEMOLITION LEGEND:

	EXISTING BACK OF CURB		EXISTING ELEMENT TO BE REMOVED
	REMOVE EXISTING TREE / SHRUB		EXISTING ELEMENT TO BE REPLACED OR RELOCATED
	PROTECTED EXISTING TREE / SHRUB		EXISTING PAVING, CURB, AND GUTTER TO BE REMOVED AREA = ± 25,497 SF
			EXISTING ASPHALT PAVEMENT TO BE REMOVED = ± 78,832 SF
			EXISTING PLANTER / PLANT BED AREA TO BE REMOVED OR AMENDED = ± 6,005 SF

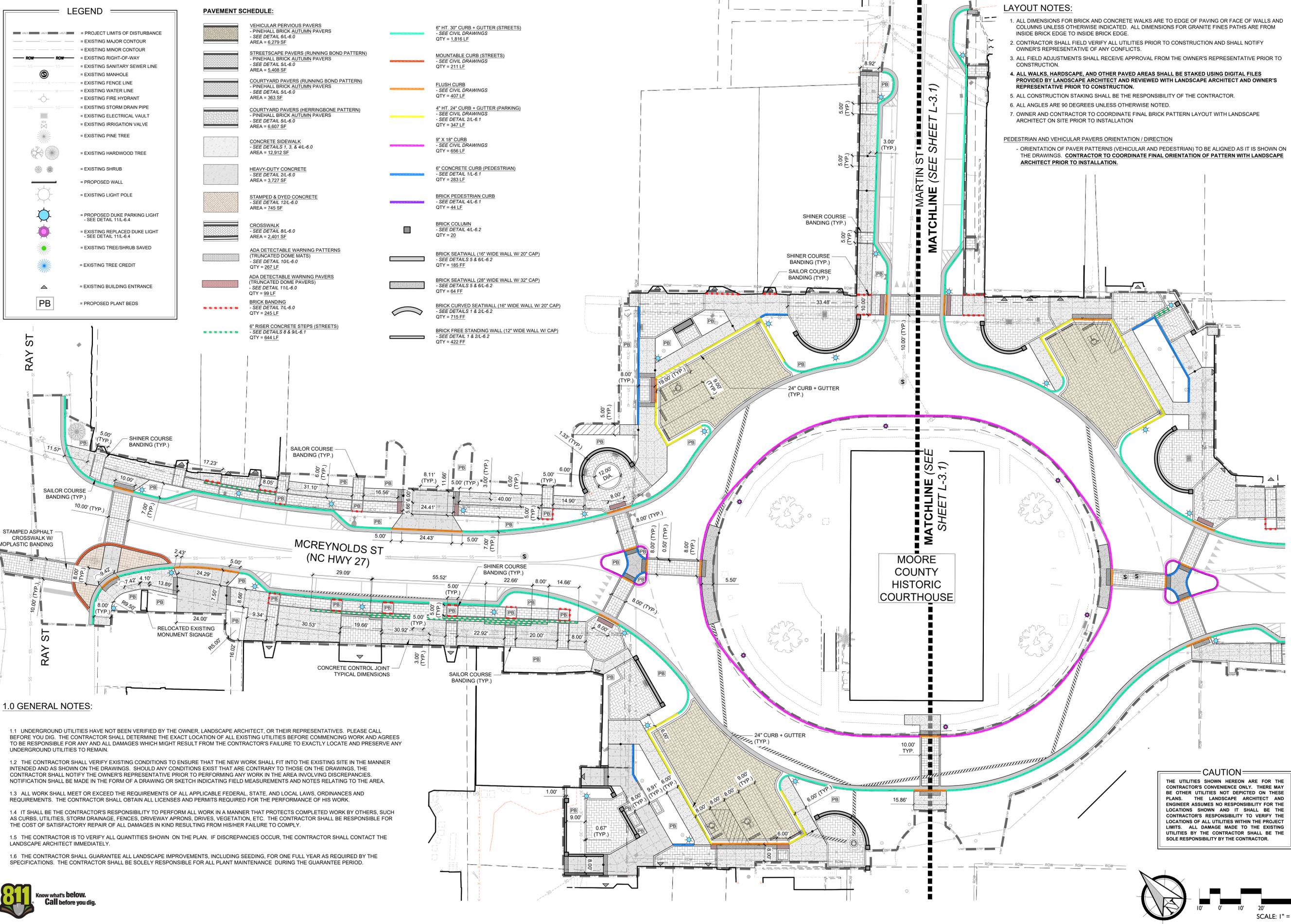
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	PROPOSED DUKE PARKING LIGHT
	EXISTING REPLACED DUKE LIGHT
	EXISTING TREE/SHRUB SAVED
	EXISTING TREE CREDIT
	EXISTING BUILDING ENTRANCE
	PROPOSED PLANT BEDS

PAVEMENT SCHEDULE:	
	VEHICULAR PERVIOUS PAVERS - PINEHALL BRICK AUTUMN PAVERS - SEE DETAIL 6L-6.0 AREA = 5,279 SF
	STREETSCAPE PAVERS (RUNNING BOND PATTERN) - PINEHALL BRICK AUTUMN PAVERS - SEE DETAIL 5L-6.0 AREA = 5,408 SF
	COURTYARD PAVERS (RUNNING BOND PATTERN) - PINEHALL BRICK AUTUMN PAVERS - SEE DETAIL 5L-6.0 AREA = 363 SF
	COURTYARD PAVERS (HERRINGBONE PATTERN) - PINEHALL BRICK AUTUMN PAVERS - SEE DETAIL 5L-6.0 AREA = 6,607 SF
	CONCRETE SIDEWALK - SEE DETAIL 2L-6.0 AREA = 12,912 SF
	HEAVY-DUTY CONCRETE - SEE DETAIL 2L-6.0 AREA = 3,727 SF
	STAMPED & DYED CONCRETE - SEE DETAIL 12L-6.0 AREA = 745 SF
	CROSSWALK - SEE DETAIL 8L-6.0 AREA = 2,401 SF
	ADA DETECTABLE WARNING PATTERNS (TRUNCATED DOME MATS) - SEE DETAIL 10L-6.0 QTY = 287 LF
	ADA DETECTABLE WARNING PAVERS (TRUNCATED DOME PAVERS) - SEE DETAIL 11L-6.0 QTY = 99 LF
	BRICK BANDING - SEE DETAIL 7L-6.0 QTY = 245 LF
	6" RISER CONCRETE STEPS (STREETS) - SEE DETAIL 1 & 2L-6.1 QTY = 644 LF
	6" HT. 30" CURB + GUTTER (STREETS) - SEE CIVIL DRAWINGS QTY = 1,816 LF
	MOUNTABLE CURB (STREETS) - SEE CIVIL DRAWINGS QTY = 211 LF
	FLUSH CURB - SEE CIVIL DRAWINGS QTY = 407 LF
	4" HT. 24" CURB + GUTTER (PARKING) - PINEHALL BRICK AUTUMN PAVERS - SEE DETAIL 2L-6.1 QTY = 347 LF
	9" X 18" CURB - SEE CIVIL DRAWINGS QTY = 656 LF
	6" CONCRETE CURB (PEDESTRIAN) - SEE DETAIL 12L-6.1 QTY = 283 LF
	BRICK PEDESTRIAN CURB - SEE DETAIL 4L-6.1 QTY = 44 LF
	BRICK COLUMN - SEE DETAIL 4L-6.2 QTY = 20
	BRICK SEATWALL (16" WIDE WALL W/ 20" CAP) - SEE DETAILS 8 & 9L-6.2 QTY = 185 FF
	BRICK SEATWALL (28" WIDE WALL W/ 32" CAP) - SEE DETAILS 5 & 6L-6.2 QTY = 64 FF
	BRICK CURVED SEATWALL (16" WIDE WALL W/ 20" CAP) - SEE DETAILS 1 & 2L-6.2 QTY = 715 FF
	BRICK FREE STANDING WALL (12" WIDE WALL W/ CAP) - SEE DETAIL 1 & 2L-6.2 QTY = 422 FF

- LAYOUT NOTES:**
- ALL DIMENSIONS FOR BRICK AND CONCRETE WALKS ARE TO EDGE OF PAVING OR FACE OF WALLS AND COLUMNS UNLESS OTHERWISE INDICATED. ALL DIMENSIONS FOR GRANITE FINES PATHS ARE FROM INSIDE BRICK EDGE TO INSIDE BRICK EDGE.
 - CONTRACTOR SHALL FIELD VERIFY ALL UTILITIES PRIOR TO CONSTRUCTION AND SHALL NOTIFY OWNER'S REPRESENTATIVE OF ANY CONFLICTS.
 - ALL FIELD ADJUSTMENTS SHALL RECEIVE APPROVAL FROM THE OWNER'S REPRESENTATIVE PRIOR TO CONSTRUCTION.
 - ALL WALKS, HARDSCAPE, AND OTHER PAVED AREAS SHALL BE STAKED USING DIGITAL FILES PROVIDED BY LANDSCAPE ARCHITECT AND REVIEWED WITH LANDSCAPE ARCHITECT AND OWNER'S REPRESENTATIVE PRIOR TO CONSTRUCTION.
 - ALL CONSTRUCTION STAKING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
 - ALL ANGLES ARE 90 DEGREES UNLESS OTHERWISE NOTED.
 - OWNER AND CONTRACTOR TO COORDINATE FINAL BRICK PATTERN LAYOUT WITH LANDSCAPE ARCHITECT ON SITE PRIOR TO INSTALLATION.
- PEDESTRIAN AND VEHICULAR PAVERS ORIENTATION / DIRECTION**
- ORIENTATION OF PAVEMENT PATTERNS (VEHICULAR AND PEDESTRIAN) TO BE ALIGNED AS IT IS SHOWN ON THE DRAWINGS. CONTRACTOR TO COORDINATE FINAL ORIENTATION OF PATTERN WITH LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.



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REVISIONS:

CARTHAGE DOWNTOWN REVITALIZATION
CARTHAGE, NORTH CAROLINA

SITE LAYOUT PLAN

DATE: 2024-02-06
DESIGNED BY: TWH
DRAWN BY: DWM
CHECKED BY: TWH
SCALE: 1/4" = 20'
PROJECT #: 250448
SHEET NUMBER: L-3.0

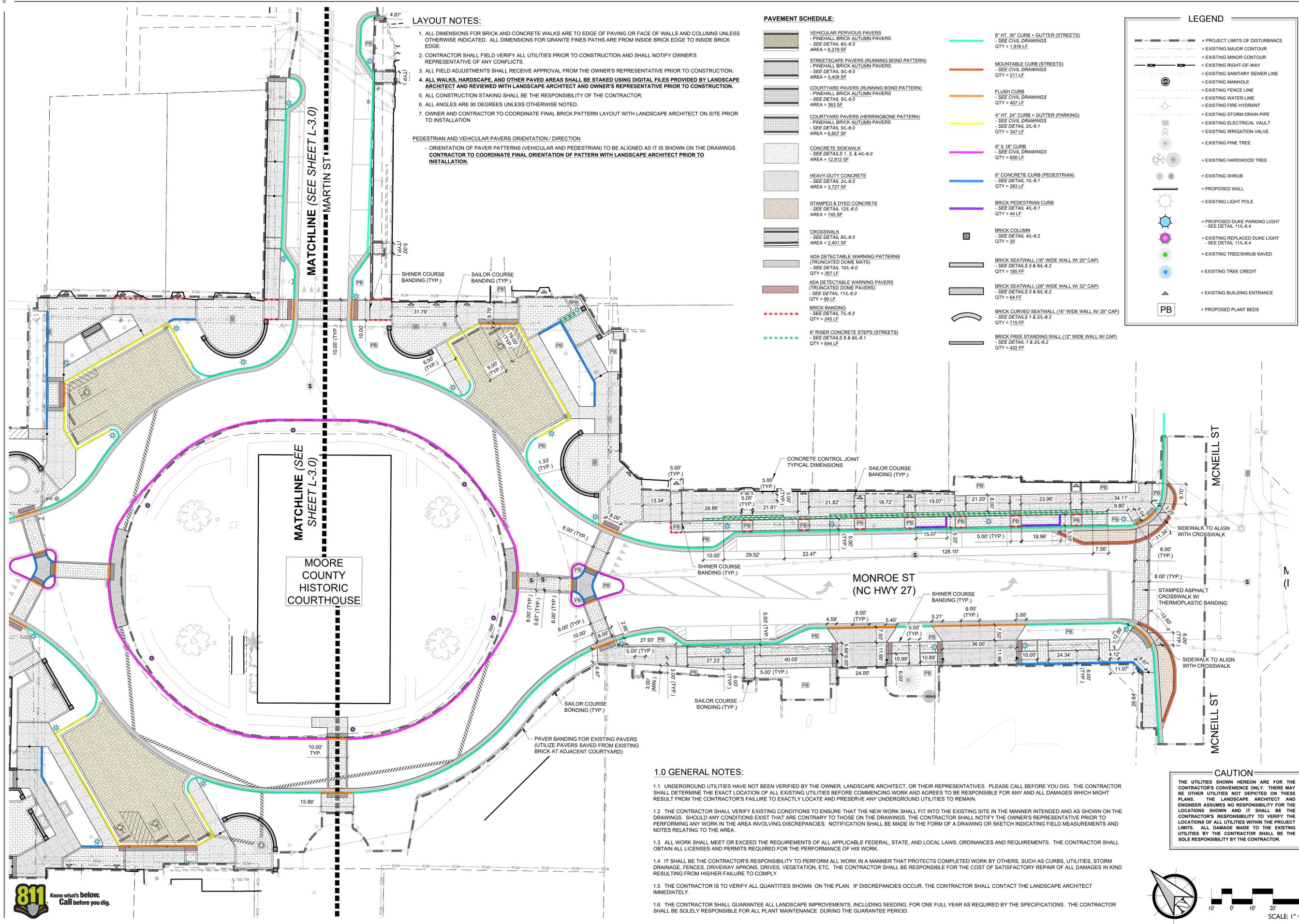


REVISIONS:

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 CARTHAGE, NORTH CAROLINA

SITE LAYOUT PLAN

DATE: 2024-02-06
 DESIGNED BY: TWH
 DRAWN BY: DWM
 CHECKED BY: TWH
 SCALE: 1" = 20'
 PROJECT #: 250448
 SHEET NUMBER:
L-3.1



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- OWNER AND CONTRACTOR TO COORDINATE FINAL BRICK PATTERN LAYOUT WITH LANDSCAPE ARCHITECT ON SITE PRIOR TO INSTALLATION.

PEDESTRIAN AND VEHICULAR PAVERS ORIENTATION / DIRECTION

- ORIENTATION OF PAVEMENT PATTERNS (VEHICULAR AND PEDESTRIAN) TO BE ALIGNED AS IT IS SHOWN ON THE DRAWINGS.
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PAVEMENT SCHEDULE:

<ul style="list-style-type: none"> VEHICULAR PERVIOUS PAVERS <ul style="list-style-type: none"> - PINEHALL BRICK AUTUMN PAVERS - SEE DETAIL 6/L-6.0 AREA = 9,279 SF STREETScape PAVERS (RUNNING BOND PATTERN) <ul style="list-style-type: none"> - PINEHALL BRICK AUTUMN PAVERS - SEE DETAIL 5/L-6.0 AREA = 5,408 SF COURTYARD PAVERS (RUNNING BOND PATTERN) <ul style="list-style-type: none"> - PINEHALL BRICK AUTUMN PAVERS - SEE DETAIL 5/L-6.0 AREA = 963 SF COURTYARD PAVERS (HERRINGBONE PATTERN) <ul style="list-style-type: none"> - PINEHALL BRICK AUTUMN PAVERS - SEE DETAIL 2/L-6.0 AREA = 6,607 SF CONCRETE SIDEWALK <ul style="list-style-type: none"> - SEE DETAILS 1, 3, & 4/L-6.0 AREA = 12,912 SF HEAVY-DUTY CONCRETE <ul style="list-style-type: none"> - SEE DETAIL 2/L-6.0 AREA = 3,727 SF STAMPED & DYED CONCRETE <ul style="list-style-type: none"> - SEE DETAIL 12/L-6.0 AREA = 745 SF CROSSWALK <ul style="list-style-type: none"> - SEE DETAIL 8/L-6.0 AREA = 2,401 SF ADA DETECTABLE WARNING PATTERNS (TRUNCATED DOME MATS) <ul style="list-style-type: none"> - SEE DETAIL 10/L-6.0 QTY = 287 LF ADA DETECTABLE WARNING PAVERS (TRUNCATED DOME PAVERS) <ul style="list-style-type: none"> - SEE DETAIL 11/L-6.0 QTY = 99 LF BRICK BANDING <ul style="list-style-type: none"> - SEE DETAIL 7/L-6.0 QTY = 245 LF 6" RISER CONCRETE STEPS (STREETS) <ul style="list-style-type: none"> - SEE DETAILS 8 & 9/L-6.1 QTY = 644 LF 	<ul style="list-style-type: none"> 6" HT. 30" CURB + GUTTER (STREETS) <ul style="list-style-type: none"> - SEE CIVIL DRAWINGS QTY = 1,816 LF MOUNTABLE CURB (STREETS) <ul style="list-style-type: none"> - SEE CIVIL DRAWINGS QTY = 211 LF FLUSH CURB <ul style="list-style-type: none"> - SEE CIVIL DRAWINGS QTY = 407 LF 4" HT. 24" CURB + GUTTER (PARKING) <ul style="list-style-type: none"> - SEE CIVIL DRAWINGS QTY = 347 LF 9" X 18" CURB <ul style="list-style-type: none"> - SEE CIVIL DRAWINGS QTY = 656 LF 6" CONCRETE CURB (PEDESTRIAN) <ul style="list-style-type: none"> - SEE DETAIL 1/L-6.1 QTY = 283 LF BRICK PEDESTRIAN CURB <ul style="list-style-type: none"> - SEE DETAIL 4/L-6.1 QTY = 44 LF BRICK COLUMN <ul style="list-style-type: none"> - SEE DETAIL 4/L-6.2 QTY = 20 BRICK SEATWALL (16" WIDE WALL W/ 20" CAP) <ul style="list-style-type: none"> - SEE DETAILS 5 & 6/L-6.2 QTY = 185 FF BRICK SEATWALL (28" WIDE WALL W/ 32" CAP) <ul style="list-style-type: none"> - SEE DETAILS 5 & 6/L-6.2 QTY = 64 FF BRICK CURVED SEATWALL (16" WIDE WALL W/ 20" CAP) <ul style="list-style-type: none"> - SEE DETAILS 1 & 2/L-6.2 QTY = 215 FF BRICK FREE STANDING WALL (12" WIDE WALL W/ CAP) <ul style="list-style-type: none"> - SEE DETAIL 1 & 2/L-6.2 QTY = 422 FF
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LEGEND

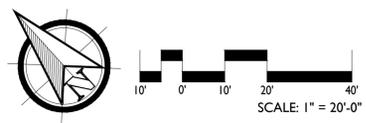
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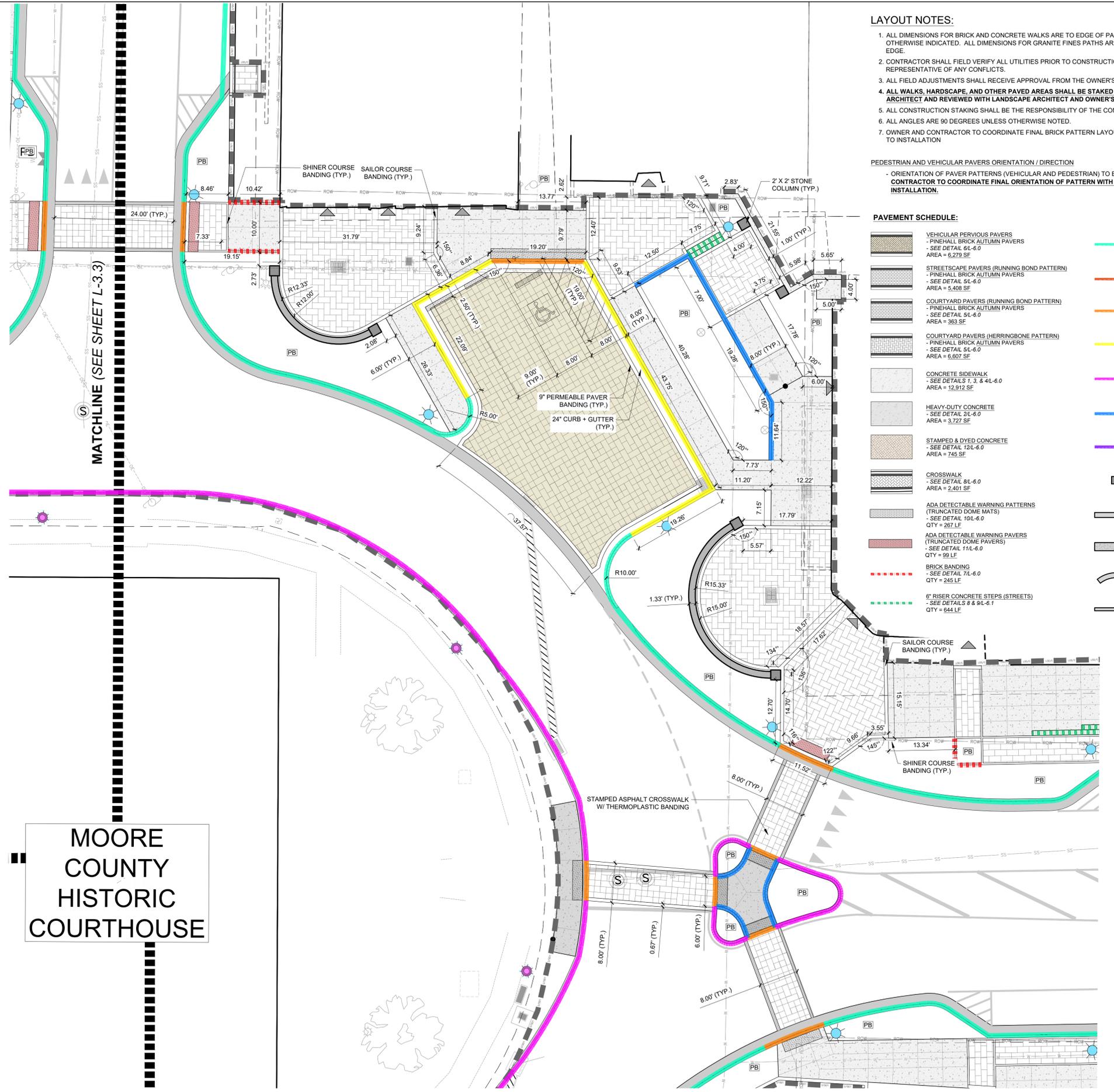
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- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PERFORM ALL WORK IN A MANNER THAT PROTECTS COMPLETED WORK BY OTHERS, SUCH AS CURBS, UTILITIES, STORM DRAINAGE, FENCES, DRIVEWAY APRONS, DRIVES, VEGETATION, ETC. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COST OF SATISFACTORY REPAIR OF ALL DAMAGES IN KIND RESULTING FROM HIS/HER FAILURE TO COMPLY.
- THE CONTRACTOR IS TO VERIFY ALL QUANTITIES SHOWN ON THE PLAN. IF DISCREPANCIES OCCUR, THE CONTRACTOR SHALL CONTACT THE LANDSCAPE ARCHITECT IMMEDIATELY.
- THE CONTRACTOR SHALL GUARANTEE ALL LANDSCAPE IMPROVEMENTS, INCLUDING SEEDING, FOR ONE FULL YEAR AS REQUIRED BY THE SPECIFICATIONS. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL PLANT MAINTENANCE DURING THE GUARANTEE PERIOD.



LAYOUT NOTES:

- ALL DIMENSIONS FOR BRICK AND CONCRETE WALKS ARE TO EDGE OF PAVING OR FACE OF WALLS AND COLUMNS UNLESS OTHERWISE INDICATED. ALL DIMENSIONS FOR GRANITE FINES PATHS ARE FROM INSIDE BRICK EDGE TO INSIDE BRICK EDGE.
- CONTRACTOR SHALL FIELD VERIFY ALL UTILITIES PRIOR TO CONSTRUCTION AND SHALL NOTIFY OWNER'S REPRESENTATIVE OF ANY CONFLICTS.
- ALL FIELD ADJUSTMENTS SHALL RECEIVE APPROVAL FROM THE OWNER'S REPRESENTATIVE PRIOR TO CONSTRUCTION.
- ALL WALKS, HARDSCAPE, AND OTHER PAVED AREAS SHALL BE STAKED USING DIGITAL FILES PROVIDED BY LANDSCAPE ARCHITECT AND REVIEWED WITH LANDSCAPE ARCHITECT AND OWNER'S REPRESENTATIVE PRIOR TO CONSTRUCTION.
- ALL CONSTRUCTION STAKING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- ALL ANGLES ARE 90 DEGREES UNLESS OTHERWISE NOTED.
- OWNER AND CONTRACTOR TO COORDINATE FINAL BRICK PATTERN LAYOUT WITH LANDSCAPE ARCHITECT ON SITE PRIOR TO INSTALLATION.

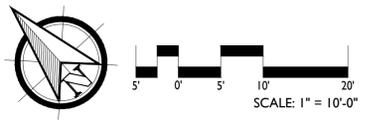
PEDESTRIAN AND VEHICULAR PAVERS ORIENTATION / DIRECTION
 - ORIENTATION OF PAVEMENT PATTERNS (VEHICULAR AND PEDESTRIAN) TO BE ALIGNED AS IT IS SHOWN ON THE DRAWINGS.
CONTRACTOR TO COORDINATE FINAL ORIENTATION OF PATTERN WITH LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.

PAVEMENT SCHEDULE:

	VEHICULAR PERMEABLE PAVERS - PINEHALL BRICK AUTUMN PAVERS - SEE DETAIL 6L-6.0 AREA = 6,279 SF		6" HT. 30" CURB + GUTTER (STREETS) - SEE CIVIL DRAWINGS QTY = 1,816 LF
	STREETSCAPE PAVERS (RUNNING BOND PATTERN) - PINEHALL BRICK AUTUMN PAVERS - SEE DETAIL 5L-6.0 AREA = 5,408 SF		MOUNTABLE CURB (STREETS) - SEE CIVIL DRAWINGS QTY = 211 LF
	COURTYARD PAVERS (RUNNING BOND PATTERN) - PINEHALL BRICK AUTUMN PAVERS - SEE DETAIL 5L-6.0 AREA = 363 SF		FLUSH CURB - SEE CIVIL DRAWINGS QTY = 407 LF
	COURTYARD PAVERS (HERRINGBONE PATTERN) - PINEHALL BRICK AUTUMN PAVERS - SEE DETAIL 5L-6.0 AREA = 6,607 SF		4" HT. 24" CURB + GUTTER (PARKING) - SEE CIVIL DRAWINGS - SEE DETAIL 2L-6.1 QTY = 347 LF
	CONCRETE SIDEWALK - SEE DETAILS 1, 3, & 4L-6.0 AREA = 12,912 SF		9" X 18" CURB - SEE CIVIL DRAWINGS QTY = 656 LF
	HEAVY-DUTY CONCRETE - SEE DETAIL 2L-6.0 AREA = 3,727 SF		6" CONCRETE CURB (PEDESTRIAN) - SEE DETAIL 1L-6.1 QTY = 283 LF
	STAMPED & DYED CONCRETE - SEE DETAIL 12L-6.0 AREA = 745 SF		BRICK PEDESTRIAN CURB - SEE DETAIL 4L-6.1 QTY = 44 LF
	CROSSWALK - SEE DETAIL 8L-6.0 AREA = 2,401 SF		BRICK COLUMN - SEE DETAIL 4L-6.2 QTY = 20
	ADA DETECTABLE WARNING PATTERNS (TRUNCATED DOME MATS) - SEE DETAIL 10L-6.0 QTY = 267 LF		BRICK SEATWALL (16" WIDE WALL W/ 20" CAP) - SEE DETAILS 5 & 6L-6.2 QTY = 165 FF
	ADA DETECTABLE WARNING PAVERS (TRUNCATED DOME PAVERS) - SEE DETAIL 11L-6.0 QTY = 99 LF		BRICK SEATWALL (28" WIDE WALL W/ 32" CAP) - SEE DETAILS 5 & 6L-6.2 QTY = 64 FF
	BRICK BANDING - SEE DETAIL 7L-6.0 QTY = 245 LF		BRICK CURVED SEATWALL (16" WIDE WALL W/ 20" CAP) - SEE DETAILS 1 & 2L-6.2 QTY = 715 FF
	6" RISER CONCRETE STEPS (STREETS) - SEE DETAILS 8 & 9L-6.1 QTY = 644 LF		BRICK FREE STANDING WALL (12" WIDE WALL W/ CAP) - SEE DETAIL 1 & 2L-6.2 QTY = 422 FF

MOORE COUNTY HISTORIC COURTHOUSE

CAUTION
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140 APPLECROSS RD., STE B
 PINEHURST, NC 28374
 P: (910) 684-6487
 W: www.t3co.com



REVISIONS:

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CARTHAGE DOWNTOWN REVITALIZATION
 CARTHAGE, NORTH CAROLINA

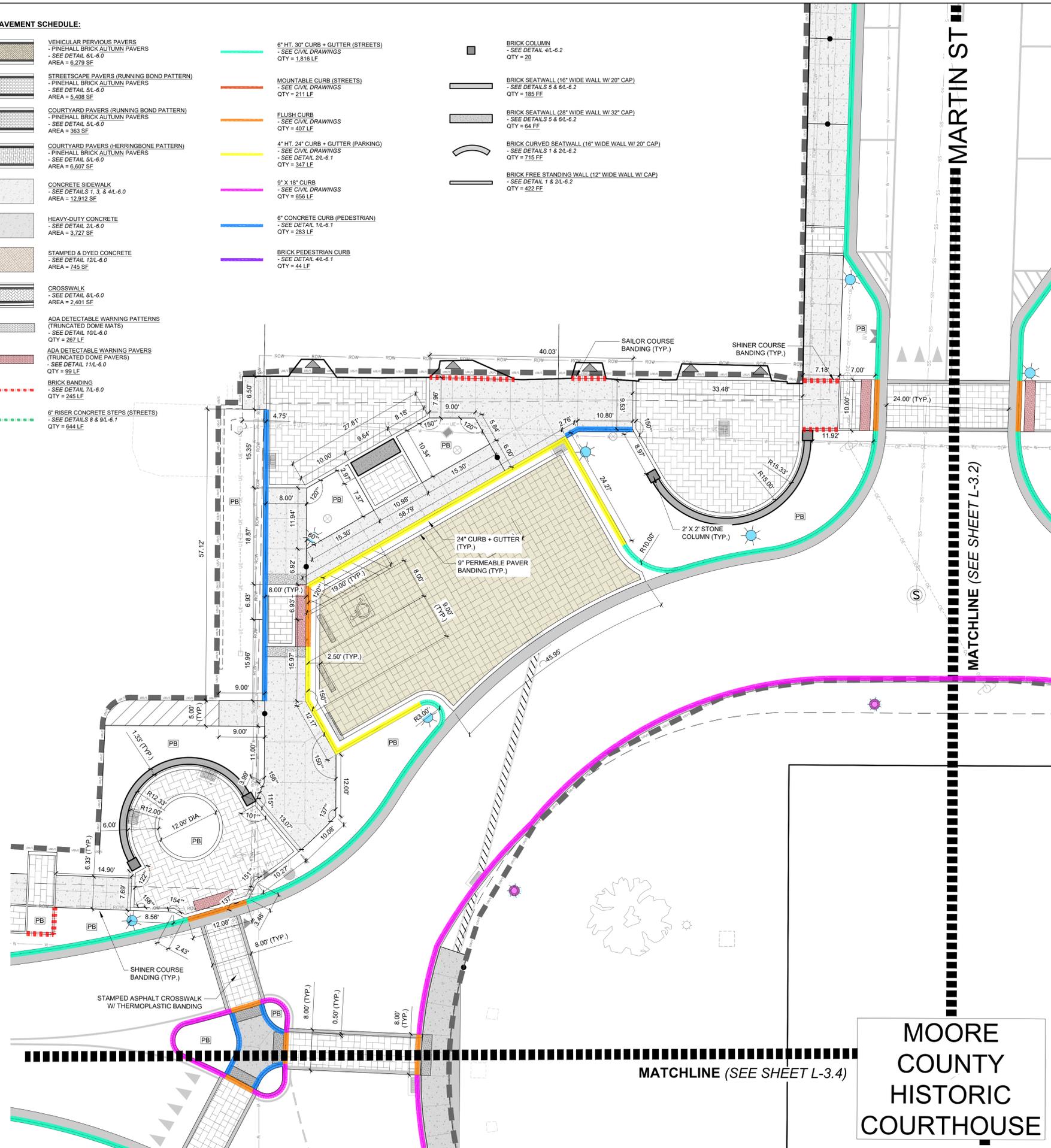
SITE LAYOUT PLAN ENLARGEMENT

DATE: 2024-02-06
 DESIGNED BY: TWH
 DRAWN BY: DVM
 CHECKED BY: TWH
 SCALE: 1/4" = 10'
 PROJECT #: 250448
 SHEET NUMBER: L-3.2

LEGEND	
	PROJECT LIMITS OF DISTURBANCE
	EXISTING MAJOR CONTOUR
	EXISTING MINOR CONTOUR
	EXISTING RIGHT-OF-WAY
	EXISTING SANITARY SEWER LINE
	EXISTING MANHOLE
	EXISTING WATER LINE
	EXISTING FIRE HYDRANT
	EXISTING STORM DRAIN PIPE
	EXISTING ELECTRICAL VAULT
	EXISTING IRRIGATION VALVE
	EXISTING PINE TREE
	EXISTING HARDWOOD TREE
	EXISTING SHRUB
	PROPOSED WALL
	EXISTING LIGHT POLE
	PROPOSED DUKE PARKING LIGHT - SEE DETAIL 11/L-6.4
	EXISTING REPLACED DUKE LIGHT - SEE DETAIL 11/L-6.4
	EXISTING TREE/SHRUB SAVED
	EXISTING TREE CREDIT
	EXISTING BUILDING ENTRANCE
	PROPOSED PLANT BEDS

PAVEMENT SCHEDULE:

	VEHICULAR PERVIOUS PAVERS - PINEHALL BRICK AUTUMN PAVERS - SEE DETAIL 6/L-6.0 AREA = 6,279 SF		6" HT. 30" CURB + GUTTER (STREETS) - SEE CIVIL DRAWINGS QTY = 1,816 LF		BRICK COLUMN - SEE DETAIL 4/L-6.2 QTY = 20
	STREETSCAPE PAVERS (RUNNING BOND PATTERN) - PINEHALL BRICK AUTUMN PAVERS - SEE DETAIL 5/L-6.0 AREA = 5,408 SF		MOUNTABLE CURB (STREETS) - SEE CIVIL DRAWINGS QTY = 211 LF		BRICK SEATWALL (16" WIDE WALL W/ 20" CAP) - SEE DETAILS 5 & 6/L-6.2 QTY = 185 FF
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1.0 GENERAL NOTES:

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LAYOUT NOTES:

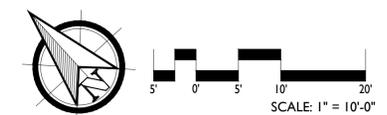
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PEDESTRIAN AND VEHICULAR PAVERS ORIENTATION / DIRECTION

- ORIENTATION OF PAVER PATTERNS (VEHICULAR AND PEDESTRIAN) TO BE ALIGNED AS IT IS SHOWN ON THE DRAWINGS. CONTRACTOR TO COORDINATE FINAL ORIENTATION OF PATTERN WITH LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.

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MOORE COUNTY HISTORIC COURTHOUSE

MATCHLINE (SEE SHEET L-3.4)

MATCHLINE (SEE SHEET L-3.2)

140 APPLECROSS RD., STE B
PINEHURST, NC 28374
P: (910) 684-8487
W: www.t3co.com



REVISIONS:

CARTHAGE DOWNTOWN REVITALIZATION
CARTHAGE, NORTH CAROLINA

SITE LAYOUT PLAN ENLARGEMENT

DATE: 2024-02-06
DESIGNED BY: TWH
DRAWN BY: DVM
CHECKED BY: TWH
SCALE: 1" = 10'
PROJECT #: 250448
SHEET NUMBER:
L-3.3



LEGEND	
	PROJECT LIMITS OF DISTURBANCE
	EXISTING MAJOR CONTOUR
	EXISTING MINOR CONTOUR
	EXISTING RIGHT-OF-WAY
	EXISTING SANITARY SEWER LINE
	EXISTING MANHOLE
	EXISTING FENCE LINE
	EXISTING WATER LINE
	EXISTING FIRE HYDRANT
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	EXISTING IRRIGATION VALVE
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	EXISTING HARDWOOD TREE
	EXISTING SHRUB
	PROPOSED WALL
	EXISTING LIGHT POLE
	PROPOSED DUKE PARKING LIGHT
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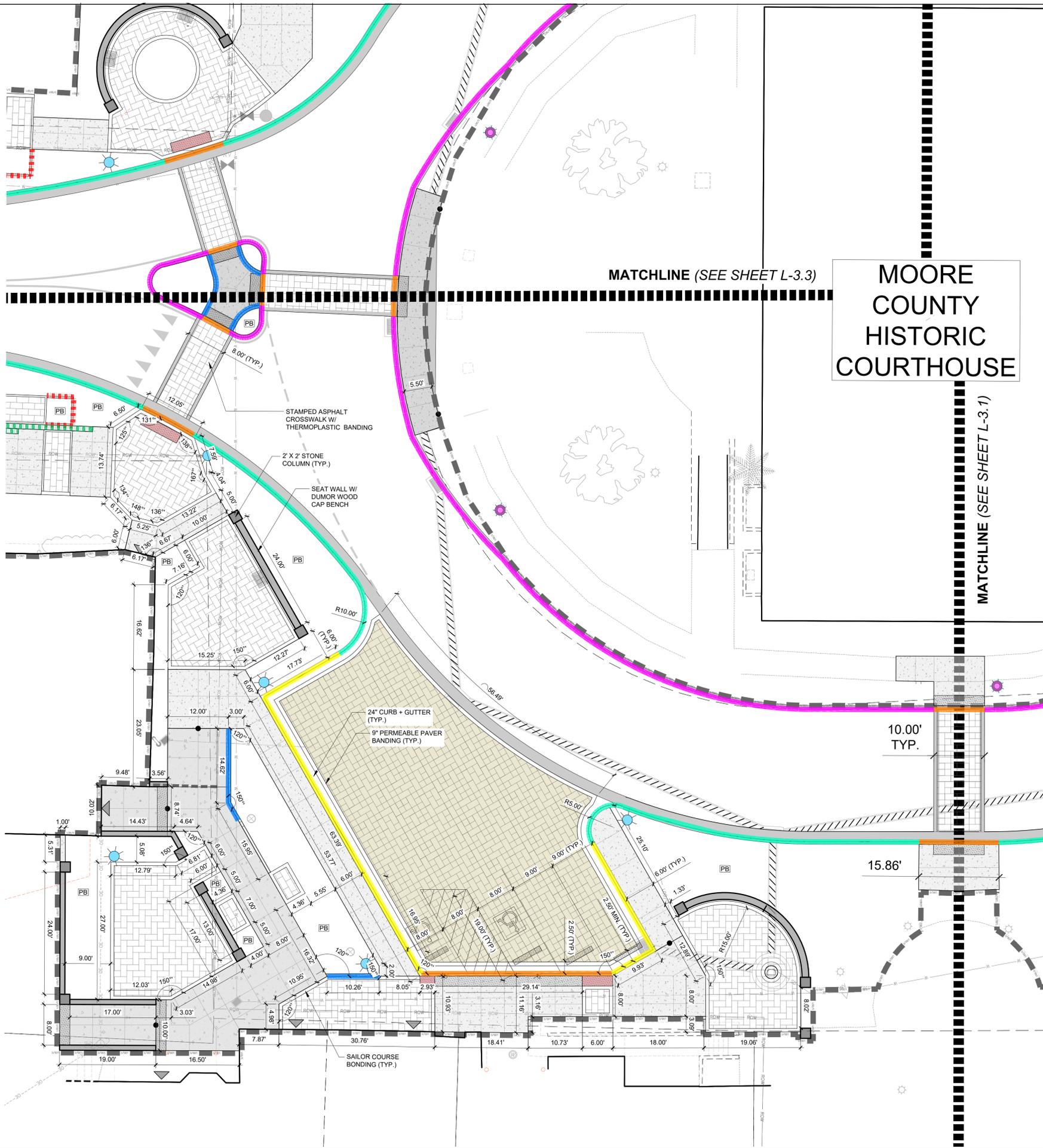
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PAVEMENT SCHEDULE:

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	BRICK BANDING - SEE DETAIL 7/L-6.0 QTY = 245 LF
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 W: www.t3co.com



REVISIONS:

CARTHAGE DOWNTOWN REVITALIZATION
 CARTHAGE, NORTH CAROLINA
SITE LAYOUT PLAN ENLARGEMENT

DATE: 2024-02-06
 DESIGNED BY: TWH
 DRAWN BY: DWM
 CHECKED BY: TWH
 SCALE: 1" = 10'
 PROJECT #: 250448
 SHEET NUMBER: **L-3.4**



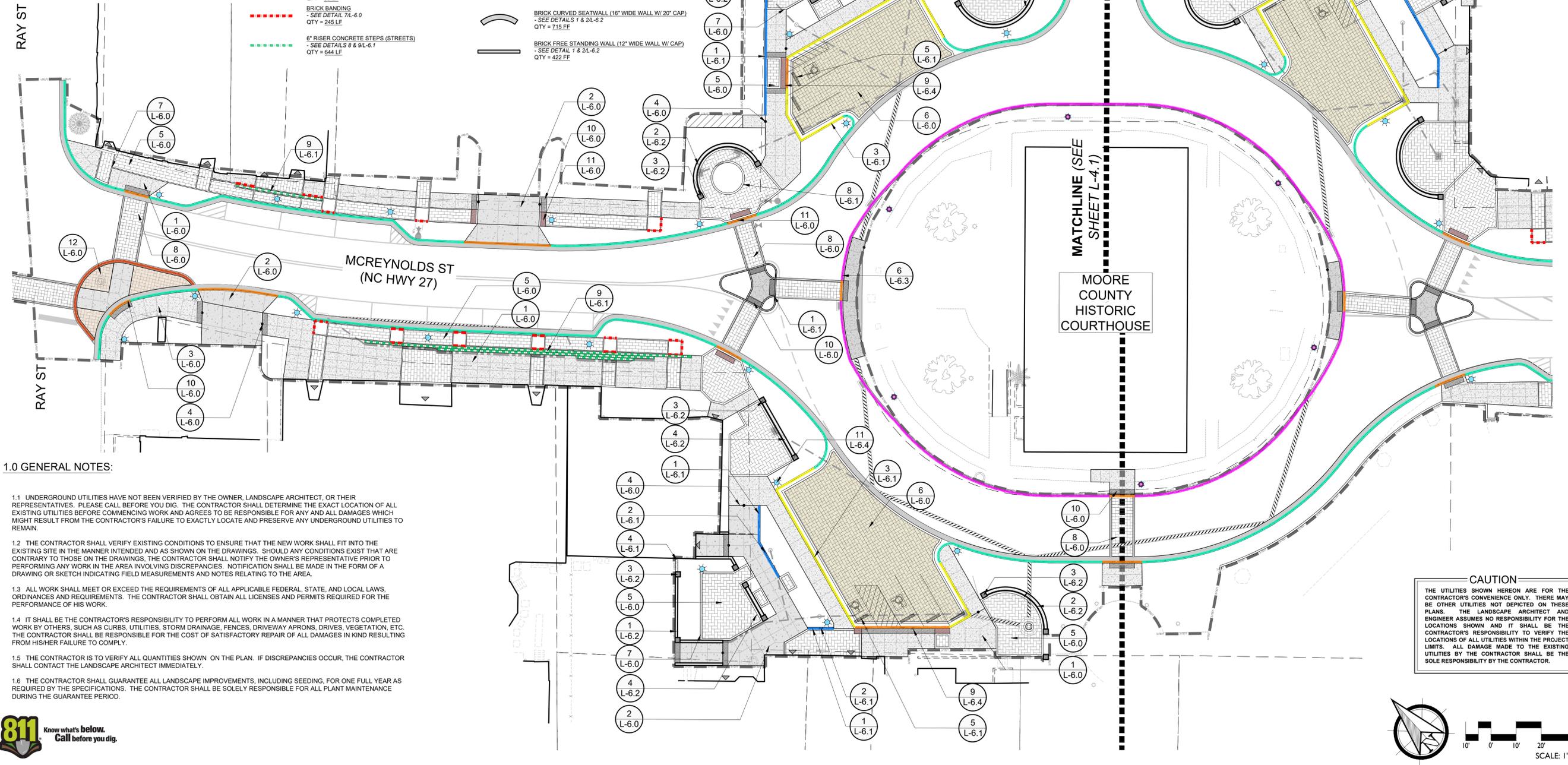
LEGEND

	PROJECT LIMITS OF DISTURBANCE
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	HEAVY-DUTY CONCRETE - SEE DETAIL 2/L-6.0 AREA = 3,727 SF		BRICK PEDESTRIAN CURB - SEE DETAIL 4/L-6.1 QTY = 44 LF		6" CONCRETE CURB (PEDESTRIAN) - SEE DETAIL 1/L-6.1 QTY = 283 LF
	STAMPED & DYED CONCRETE - SEE DETAIL 10/L-6.0 AREA = 745 SF		BRICK COLUMN - SEE DETAIL 4/L-6.2 QTY = 20		BRICK SEATWALL (16" WIDE WALL W/ 20" CAP) - SEE DETAILS 5 & 6/L-6.2 QTY = 185 FF
	CROSSWALK - SEE DETAIL 8/L-6.0 AREA = 2,401 SF		BRICK SEATWALL (28" WIDE WALL W/ 32" CAP) - SEE DETAILS 5 & 6/L-6.2 QTY = 64 FF		BRICK CURVED SEATWALL (16" WIDE WALL W/ 20" CAP) - SEE DETAIL 7 & 2/L-6.2 QTY = 715 FF
	ADA DETECTABLE WARNING PATTERNS (TRUNCATED DOME MATS) - SEE DETAIL 10/L-6.0 QTY = 267 LF		BRICK FREE STANDING WALL (12" WIDE WALL W/ CAP) - SEE DETAIL 7 & 2/L-6.2 QTY = 422 FF		
	ADA DETECTABLE WARNING PAVERS (TRUNCATED DOME PAVERS) - SEE DETAIL 11/L-6.0 QTY = 99 LF				
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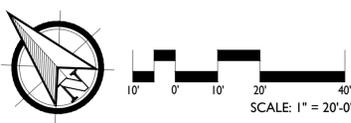
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 3. ALL FIELD ADJUSTMENTS SHALL RECEIVE APPROVAL FROM THE OWNER'S REPRESENTATIVE PRIOR TO CONSTRUCTION.
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 5. ALL CONSTRUCTION STAKING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
 6. ALL ANGLES ARE 90 DEGREES UNLESS OTHERWISE NOTED.
 7. OWNER AND CONTRACTOR TO COORDINATE FINAL BRICK PATTERN LAYOUT WITH LANDSCAPE ARCHITECT ON SITE PRIOR TO INSTALLATION.
- PEDESTRIAN AND VEHICULAR PAVERS ORIENTATION / DIRECTION**
- ORIENTATION OF PAVEMENT PATTERNS (VEHICULAR AND PEDESTRIAN) TO BE ALIGNED AS IT IS SHOWN ON THE DRAWINGS. CONTRACTOR TO COORDINATE FINAL ORIENTATION OF PATTERN WITH LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.



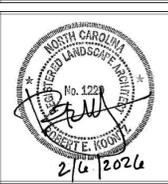
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CAUTION

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REVISIONS:

CARTHAGE DOWNTOWN REVITALIZATION
CARTHAGE, NORTH CAROLINA

SITE MATERIALS PLAN

L-4.0

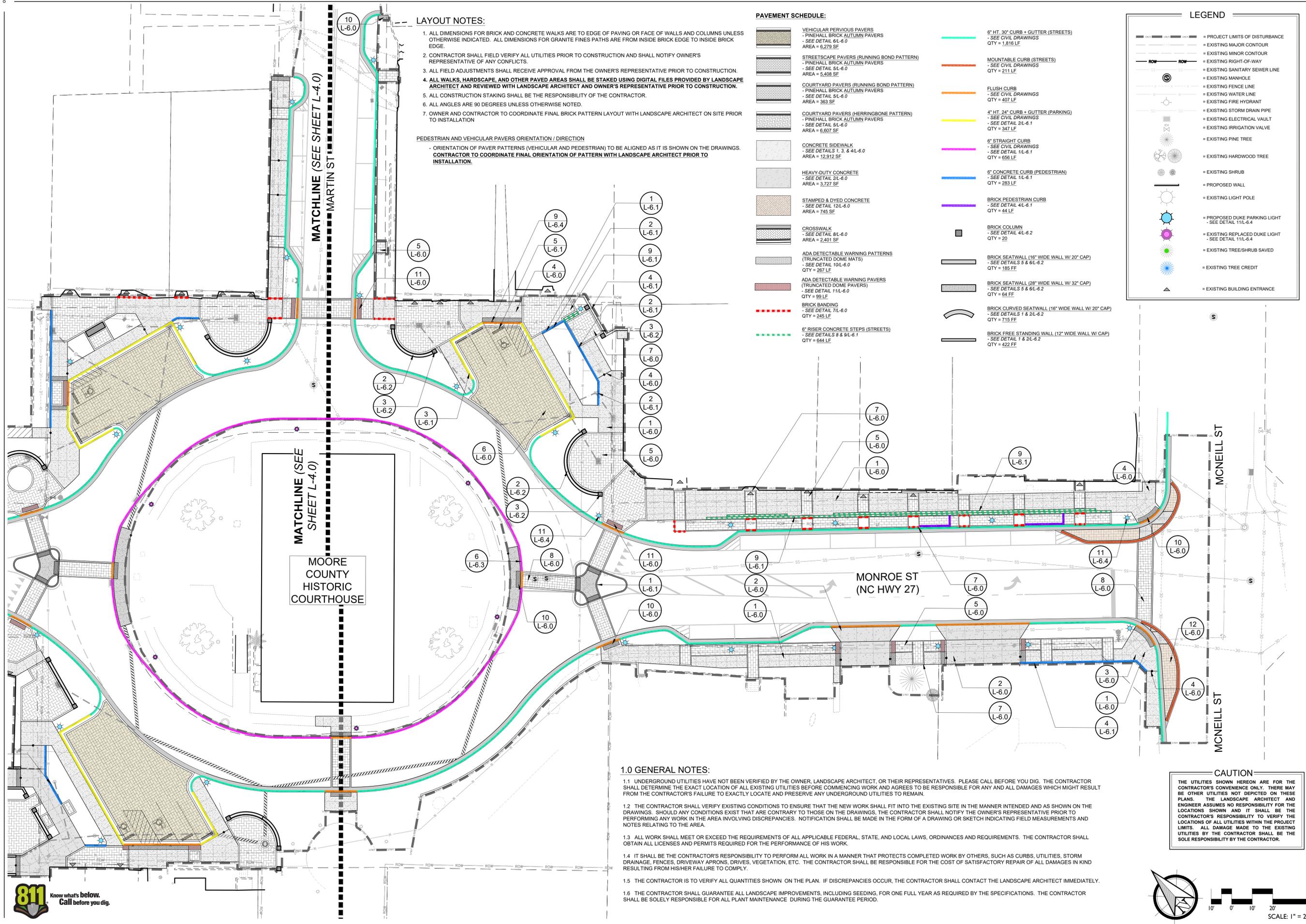
DATE: 2024-02-06
DESIGNED BY: TWH
DRAWN BY: DWM
CHECKED BY: TWH
SCALE: 1" = 20'
PROJECT #: 250448
SHEET NUMBER: L-4.0



REVISIONS:

CARTHAGE DOWNTOWN REVITALIZATION
 CARTHAGE, NORTH CAROLINA
SITE MATERIALS PLAN

DATE: 2024-02-06
 DESIGNED BY: TWH
 DRAWN BY: DVM
 CHECKED BY: TWH
 SCALE: 1" = 20'
 PROJECT #: 250448
 SHEET NUMBER:
L-4.1



LAYOUT NOTES:

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PEDESTRIAN AND VEHICULAR PAVERS ORIENTATION / DIRECTION

ORIENTATION OF PAVEMENT PATTERNS (VEHICULAR AND PEDESTRIAN) TO BE ALIGNED AS IT IS SHOWN ON THE DRAWINGS. CONTRACTOR TO COORDINATE FINAL ORIENTATION OF PATTERN WITH LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.

PAVEMENT SCHEDULE:

	VEHICULAR PERVIOUS PAVERS - PINEHALL BRICK AUTUMN PAVERS - SEE DETAIL 6/L-6.0 AREA = 9,279 SF		6" HT. 30" CURB + GUTTER (STREETS) - SEE CIVIL DRAWINGS QTY = 1,818 LF
	STREETSCAPE PAVERS (RUNNING BOND PATTERN) - PINEHALL BRICK AUTUMN PAVERS - SEE DETAIL 5/L-6.0 AREA = 5,408 SF		MOUNTABLE CURB (STREETS) - SEE CIVIL DRAWINGS QTY = 211 LF
	COURTYARD PAVERS (RUNNING BOND PATTERN) - PINEHALL BRICK AUTUMN PAVERS - SEE DETAIL 5/L-6.0 AREA = 363 SF		FLUSH CURB - SEE CIVIL DRAWINGS QTY = 407 LF
	COURTYARD PAVERS (HERRINGBONE PATTERN) - PINEHALL BRICK AUTUMN PAVERS - SEE DETAIL 5/L-6.0 AREA = 6,607 SF		4" HT. 24" CURB + GUTTER (PARKING) - SEE CIVIL DRAWINGS - SEE DETAIL 2/L-6.1 QTY = 347 LF
	CONCRETE SIDEWALK - SEE DETAILS 1, 3, & 4/L-6.0 AREA = 12,912 SF		6" STRAIGHT CURB - SEE CIVIL DRAWINGS - SEE DETAIL 1/L-6.1 QTY = 656 LF
	HEAVY-DUTY CONCRETE - SEE DETAIL 2/L-6.0 AREA = 3,727 SF		6" CONCRETE CURB (PEDESTRIAN) - SEE DETAIL 1/L-6.1 QTY = 283 LF
	STAMPED & DYED CONCRETE - SEE DETAIL 12/L-6.0 AREA = 745 SF		BRICK PEDESTRIAN CURB - SEE DETAIL 4/L-6.1 QTY = 44 LF
	CROSSWALK - SEE DETAIL 8/L-6.0 AREA = 2,401 SF		BRICK COLUMN - SEE DETAIL 4/L-6.2 QTY = 20
	ADA DETECTABLE WARNING PATTERNS (TRUNCATED DOME MATS) - SEE DETAIL 10/L-6.0 QTY = 307 LF		BRICK SEATWALL (16" WIDE WALL W/ 20" CAP) - SEE DETAILS 5 & 6/L-6.2 QTY = 185 FF
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LEGEND

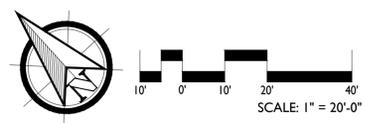
	PROJECT LIMITS OF DISTURBANCE
	EXISTING MAJOR CONTOUR
	EXISTING MINOR CONTOUR
	EXISTING RIGHT-OF-WAY
	EXISTING SANITARY SEWER LINE
	EXISTING MANHOLE
	EXISTING FENCE LINE
	EXISTING WATER LINE
	EXISTING FIRE HYDRANT
	EXISTING STORM DRAIN PIPE
	EXISTING ELECTRICAL VAULT
	EXISTING IRRIGATION VALVE
	EXISTING PINE TREE
	EXISTING HARDWOOD TREE
	EXISTING SHRUB
	PROPOSED WALL
	EXISTING LIGHT POLE
	PROPOSED DUKE PARKING LIGHT - SEE DETAIL 11/L-6.4
	EXISTING REPLACED DUKE LIGHT - SEE DETAIL 11/L-6.4
	EXISTING TREE/SHRUB SAVED
	EXISTING TREE CREDIT
	EXISTING BUILDING ENTRANCE

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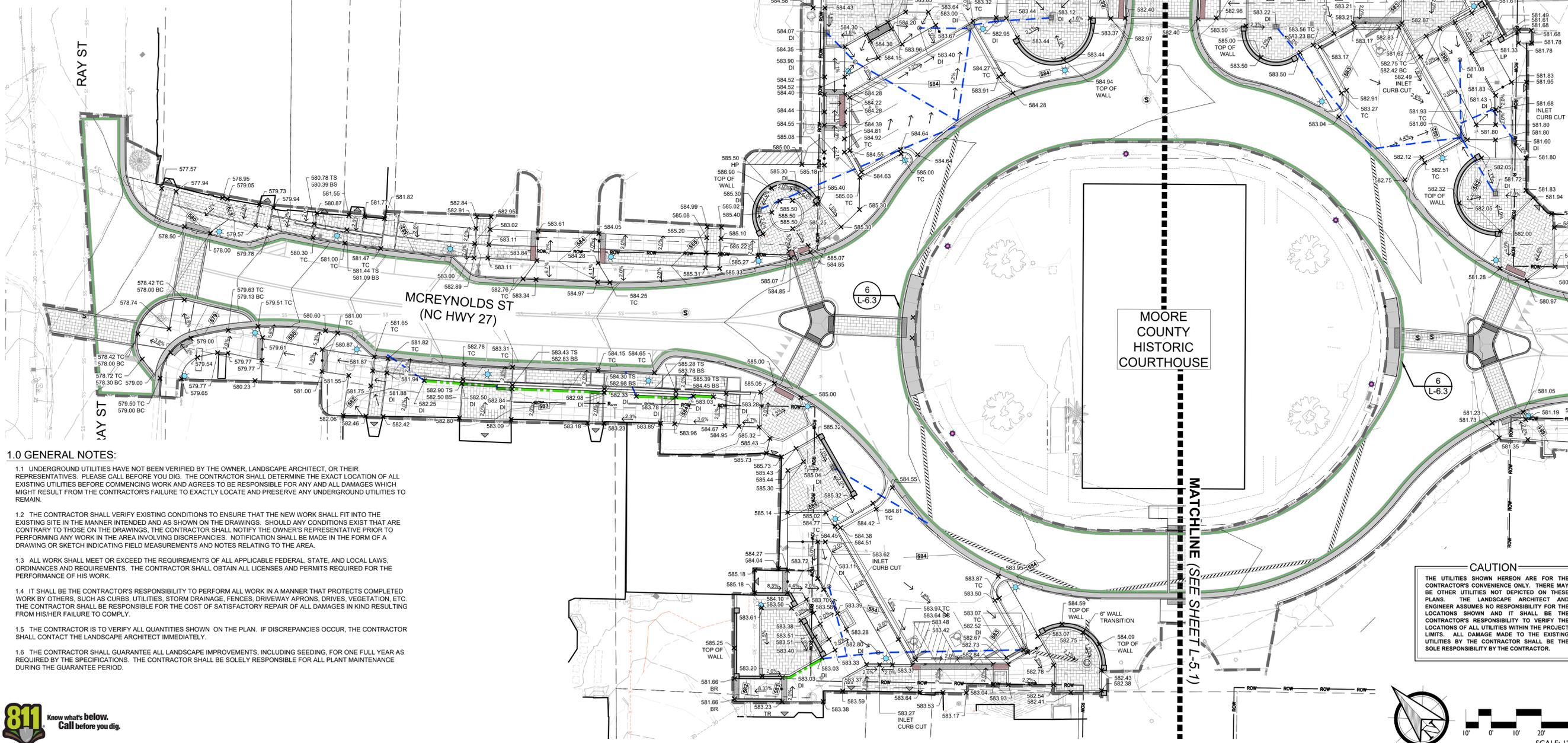
LEGEND	
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	EXISTING HARDWOOD TREE
	EXISTING SHRUB
	PROPOSED WALL
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	PROPOSED DUKE PARKING LIGHT - SEE DETAIL 11L-6.4
	EXISTING REPLACED DUKE LIGHT - SEE DETAIL 11L-6.4
	EXISTING TREE/SHRUB SAVED
	EXISTING TREE CREDIT
	EXISTING BUILDING ENTRANCE

GRADING LEGEND:

	LIMITS OF DISTURBANCE		PROPOSED ELEVATION		PROPOSED 18" HARDSCAPE DRAIN INLET - REFER TO DETAIL 7L-6.3 QTY = 8
	EXISTING MAJOR CONTOUR		PROPOSED HIGH-POINT / LOW-POINT / BREAK-POINT		PROPOSED 18" PLANTER DRAIN INLET - REFER TO DETAIL 5L-6.3 QTY = 15
	EXISTING MINOR CONTOUR		PROPOSED TOP-OF-STEP / BOTTOM-OF-STEP		PROPOSED 6" DURASCOPE CHANNEL DRAIN - REFER TO DETAIL 8L-6.3 QTY = 130 LF
	PROPOSED MAJOR CONTOUR		PROPOSED TOP-OF-WALL / BOTTOM-OF-WALL		PROPOSED 6" SOLID DRAIN PIPE - REFER TO CIVIL DRAWINGS QTY = 825 LF
	PROPOSED MINOR CONTOUR		PROPOSED TOP-OF-CURB / BOTTOM-OF-CURB		
	DIRECTION OF SURFACE FLOW / SLOPE PERCENTAGE				

GRADING NOTES:

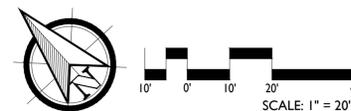
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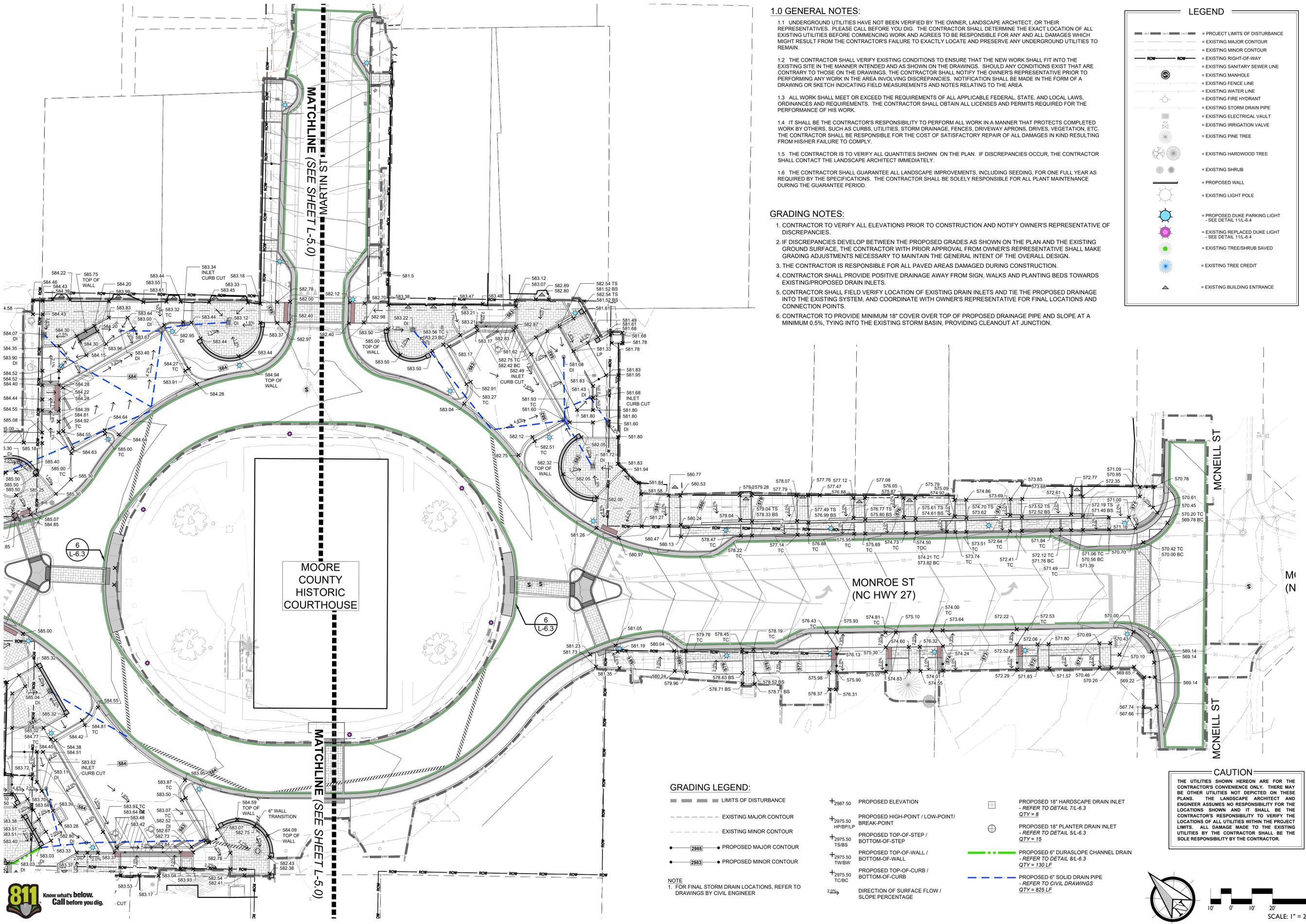
140 APPLECROSS RD, STE B
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REVISIONS:

CARTHAGE DOWNTOWN REVITALIZATION
CARTHAGE, NORTH CAROLINA
DETAILED SITE GRADING

DATE: 2024-02-06
DESIGNED BY: TWH
DRAWN BY: DWM
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SCALE: 1"=20'
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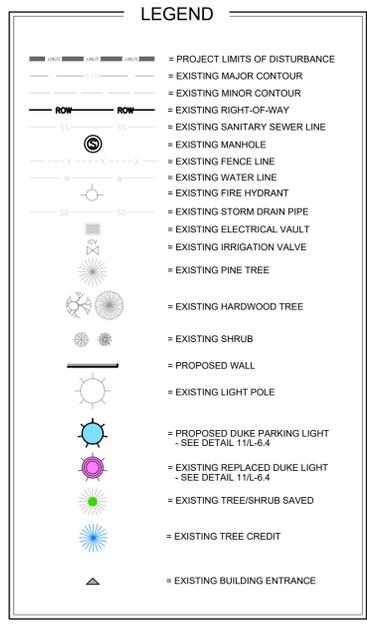


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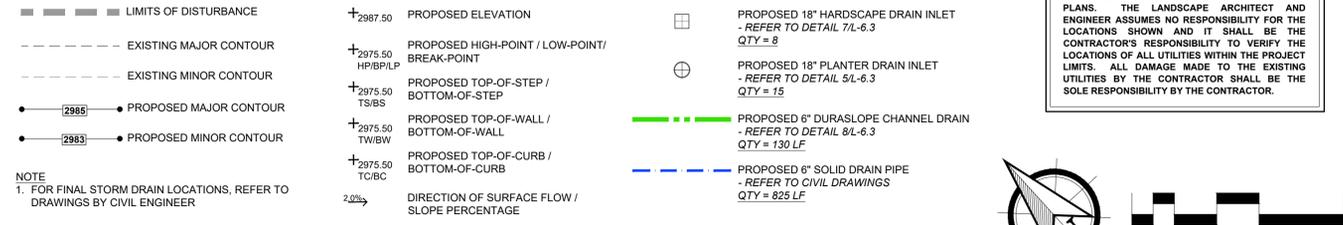
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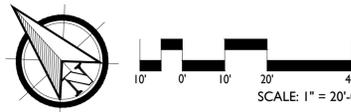


GRADING LEGEND:



NOTE
1. FOR FINAL STORM DRAIN LOCATIONS, REFER TO DRAWINGS BY CIVIL ENGINEER

CAUTION
THE UTILITIES SHOWN HEREON ARE FOR THE CONTRACTOR'S CONVENIENCE ONLY. THERE MAY BE OTHER UTILITIES NOT DEPICTED ON THESE PLANS. THE LANDSCAPE ARCHITECT AND ENGINEER ASSUMES NO RESPONSIBILITY FOR THE LOCATIONS SHOWN AND IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATIONS OF ALL UTILITIES WITHIN THE PROJECT LIMITS. ALL DAMAGE MADE TO THE EXISTING UTILITIES BY THE CONTRACTOR SHALL BE THE SOLE RESPONSIBILITY BY THE CONTRACTOR.



140 APPECROSS RD, STE B
PINEHURST, NC 28374
P: (910) 684-6487
W: www.3se.com

REVISIONS:

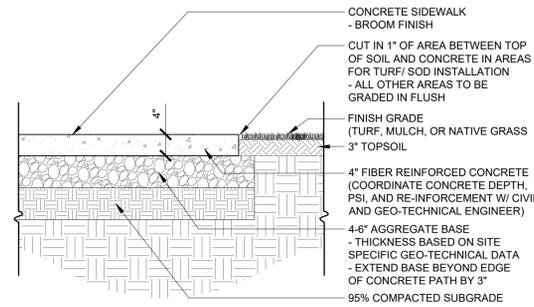
CARTHAGE DOWNTOWN REVITALIZATION
CARTHAGE, NORTH CAROLINA

DETAILED SITE GRADING PLAN

DATE: 2024-02-06
DESIGNED BY: TWH
DRAWN BY: DVM
CHECKED BY: TWH
SCALE: 1" = 20'
PROJECT #: 250448
SHEET NUMBER: L-5.1

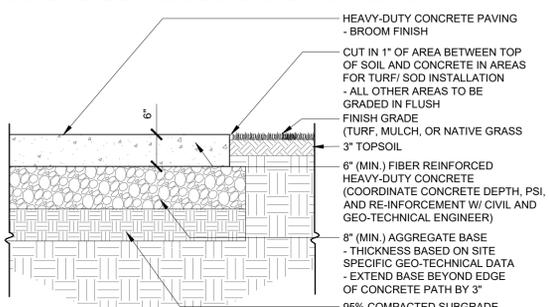


- NOTES:**
1. PROVIDE MIN. 1% CROSS SLOPE ON ALL PAVED SURFACES FOR POSITIVE DRAINAGE
 2. SEE LAYOUT & MATERIALS PLANS FOR LAYOUT AND WIDTHS OF WALKS, AND LOCATIONS OF CONTROL / EXPANSION JOINTS
 3. INSTALL SEALED EXPANSION JOINTS WHERE WALKS MEET CURBS, STEPS, WALLS OR FIXED SLABS
 4. FINISH GRADE SHALL BE MINIMUM 1" BELOW GRADE OF CONCRETE TO ALLOW FOR TURFLANDSCAPE
 5. CONCRETE PSI AND THICKNESS TO BE REVIEWED BY A QUALIFIED ENGINEER AND BASED OFF SITE SPECIFIC GEOTECHNICAL DATA
 6. CONTRACTOR TO PROVIDE SAMPLES AND MOCKUP OF CONCRETE FINISH FOR APPROVAL BY OWNER'S REPRESENTATIVE / LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION



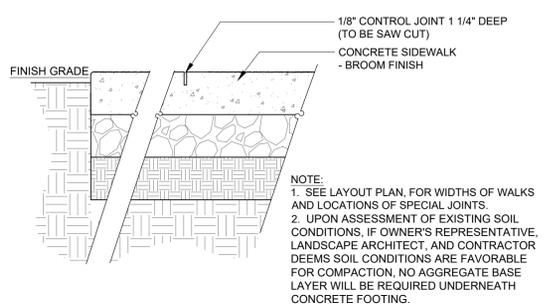
1 STANDARD CONCRETE PATH
3/4" 1'-0" d

- NOTES:**
1. PROVIDE MIN. 1% CROSS SLOPE ON ALL PAVED SURFACES FOR POSITIVE DRAINAGE
 2. SEE LAYOUT & MATERIALS PLANS FOR LAYOUT AND WIDTHS OF WALKS, AND LOCATIONS OF CONTROL / EXPANSION JOINTS
 3. INSTALL SEALED EXPANSION JOINTS WHERE WALKS MEET CURBS, STEPS, WALLS OR FIXED SLABS
 4. FINISH GRADE SHALL BE MINIMUM 1" BELOW GRADE OF CONCRETE TO ALLOW FOR TURFLANDSCAPE
 5. CONCRETE PSI AND THICKNESS TO BE REVIEWED BY A QUALIFIED ENGINEER AND BASED OFF SITE SPECIFIC GEOTECHNICAL DATA
 6. CONTRACTOR TO PROVIDE SAMPLES AND MOCKUP OF CONCRETE FINISH FOR APPROVAL BY OWNER'S REPRESENTATIVE / LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION



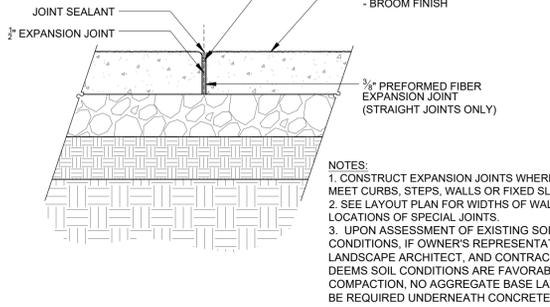
2 HEAVY-DUTY CONCRETE PAVING
3/4" 1'-0" d

- NOTES:**
1. PROVIDE MIN. 1% CROSS SLOPE ON ALL PAVED SURFACES FOR POSITIVE DRAINAGE
 2. SEE LAYOUT & MATERIALS PLANS FOR LAYOUT AND WIDTHS OF WALKS, AND LOCATIONS OF CONTROL / EXPANSION JOINTS
 3. INSTALL SEALED EXPANSION JOINTS WHERE WALKS MEET CURBS, STEPS, WALLS OR FIXED SLABS
 4. FINISH GRADE SHALL BE MINIMUM 1" BELOW GRADE OF CONCRETE TO ALLOW FOR TURFLANDSCAPE
 5. CONCRETE PSI AND THICKNESS TO BE REVIEWED BY A QUALIFIED ENGINEER AND BASED OFF SITE SPECIFIC GEOTECHNICAL DATA
 6. CONTRACTOR TO PROVIDE SAMPLES AND MOCKUP OF CONCRETE FINISH FOR APPROVAL BY OWNER'S REPRESENTATIVE / LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION



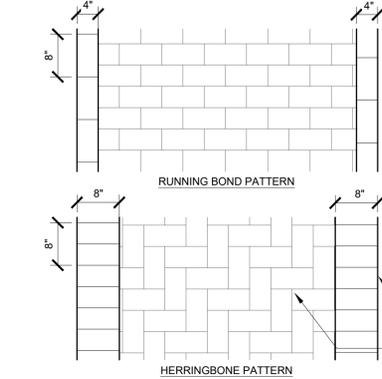
3 CONCRETE SIDEWALK CONTROL JOINT
1 1/2" 1'-0" d

- NOTES:**
1. CONSTRUCT EXPANSION JOINTS WHERE WALKS MEET CURBS, STEPS, WALLS OR FIXED SLABS
 2. SEE LAYOUT PLAN FOR WIDTHS OF WALKS AND LOCATIONS OF SPECIAL JOINTS
 3. UPON ASSESSMENT OF EXISTING SOIL CONDITIONS, IF OWNER'S REPRESENTATIVE, LANDSCAPE ARCHITECT, AND CONTRACTOR DEEMS SOIL CONDITIONS ARE FAVORABLE FOR COMPACTION, NO AGGREGATE BASE LAYER WILL BE REQUIRED UNDERNEATH CONCRETE.

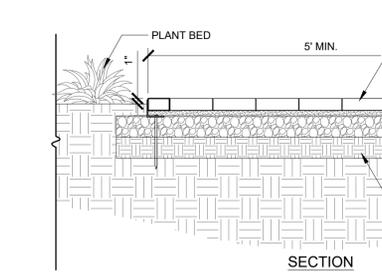


4 CONCRETE SIDEWALK EXPANSION JOINT
1 1/2" 1'-0" d

BRICK PATTERN STYLES



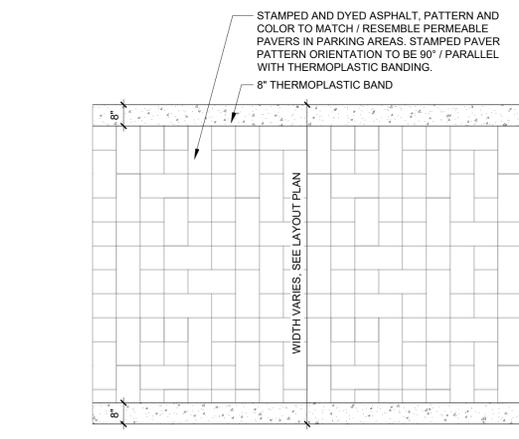
- NOTES:**
1. ALL STRUCTURAL CROSS SECTIONS SHALL BE REVIEWED BY A QUALIFIED ENGINEER AND MODIFIED AS NECESSARY BASED ON SITE SPECIFIC GEOTECHNICAL DATA
 2. INSTALL PERMALOC® ASPHALT EDGE TO MANUFACTURER'S SPECIFICATIONS
- BRICK PAVER MANUFACTURER:**
BELDEN BRICK COMPANY
700 TUSCARAWAS STREET W, CANTON, OH 44702
- DISTRIBUTOR:**
CUSTOM BRICK AND SUPPLY COMPANY
1833 CAPITAL BLVD, RALEIGH, NC 27604
- STYLE/COLOR:**
CITY LINE PAVERS - NUTMEG FULL RANGE
STANDARD PAVER 4" X 8" X 2.25"
- ALUMINUM RESTRAINT MANUFACTURER:**
PERMALOC ALUMINUM EDGING
13505 BARRY STREET, HOLLAND, MI 49424
- STYLE/COLOR:**
PERMALOC ASPHALT EDGE™ 8" X 3" X 3" BLACK DURAFLEX
- BRICK BANDING
- SAILOR COURSE (TYP.)
- INTERIOR BRICK PATTERN
- REFER TO LAYOUT PLAN FOR ANGLE OF PATTERN



- BRICK INTERIOR PAVERS**
- RUNNING BOND, HERRINGBONE PATTERN
- SEE LAYOUT PLAN
- BRICK BANDING**
- SHINER COURSE (TYP.)
- 3" X 3" PERMALOC ASPHALT EDGE ALUMINUM RESTRAINT
- TOP OF EDGING TO SIT MIN. 1/4" BELOW TOP OF BRICK PAVER
- EXTEND BASE COURSE 6" BEYOND BRICK EDGE
10" SPIRAL STEEL SPIKE
1" LEVELING SAND (SWEEP JOINTS TO FILL)
4" COMPACTED AGGREGATE BASE
95% COMPACTED SUBGRADE

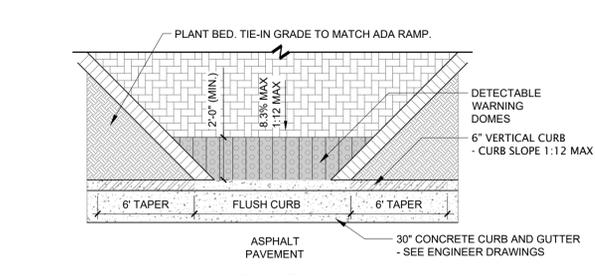
5 BRICK PAVERS (PEDESTRIAN)
3/4" 1'-0" d

- NOTES:**
1. REFER TO TRAFFIC ENGINEER DRAWINGS FOR CROSS SECTIONS AND MATERIALS REQUIREMENTS FOR PEDESTRIAN CROSSWALKS.
 2. CONTRACTOR TO PROVIDE MOCKUP SAMPLE OF STAMPED AND DYED ASPHALT TO LANDSCAPE ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION.



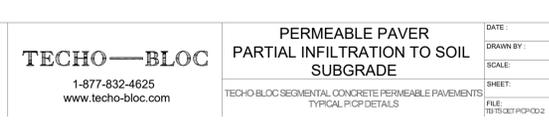
8 STREET CROSSWALK (TYP.)
3/8" 1'-0" d

- NOTES:**
1. RAMP SLOPES SHALL NOT EXCEED 1:12.
 2. RAMP TRANSITIONS VARY. SEE LAYOUT AND GRADING PLANS FOR RECOMMENDED DIMENSIONS, SPOT ELEVATIONS, AND SLOPES OF RAMP TRANSITIONS.
 3. RAMP SHALL CONFORM TO ALL CURRENT LOCAL, STATE AND FEDERAL CODE REQUIREMENTS.
 4. CONTRACTOR SHALL INSTALL DETECTABLE WARNING DOMES ON ALL RAMPS PER NCDOT AND ADA MINIMUM REQUIREMENTS.



9 ADA RAMP
1/4" 1'-0" d

- NOTES:**
1. SUBBASE THICKNESS MUST BE DETERMINED BY A QUALIFIED ENGINEER FOR HYDRAULIC AND STRUCTURAL NEEDS. CONTACT TECO-BLOC TECHNICAL SUPPORT FOR DESIGN ASSISTANCE.
 2. MAINTAIN DISTANCE OF 2 IN. (50.8 mm) MIN. BETWEEN THE HIGH WATER TABLE AND THE BOTTOM OF THE SUBBASE (OR BASE IF NO SUBBASE), AS PER LOCAL REQUIREMENTS.
 3. SURFACE SLOPE MUST BE AT LEAST 1% AND NO MORE THAN 5%.



6 PERMEABLE PAVERS (VEHICULAR) (PER MANUFACTURER'S SPEC.)
3/4" 1'-0" d

THESE GRAPHICAL REPRESENTATIONS ARE INTENDED FOR PRELIMINARY DESIGN PURPOSES ONLY AND SHOULD NOT BE USED FOR CONSTRUCTION. FINAL DESIGN SHOULD BE APPROVED BY A QUALIFIED, LICENSED PROFESSIONAL ENGINEER.

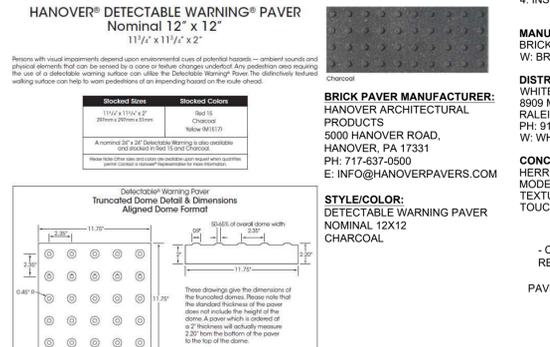
TECO-BLOC
1-877-832-4625
www.techo-bloc.com

PERMEABLE PAVER PARTIAL INFILTRATION TO SOIL SUBGRADE
TECO-BLOC SEGMENTAL CONCRETE PERMEABLE PAVEMENTS TYPICAL PCP DETAILS

DATE: 2021-10-10
DRAWN BY: L.P.
SCALE: NONE
SHEET: 1/1
FILE: 1012021PCP002

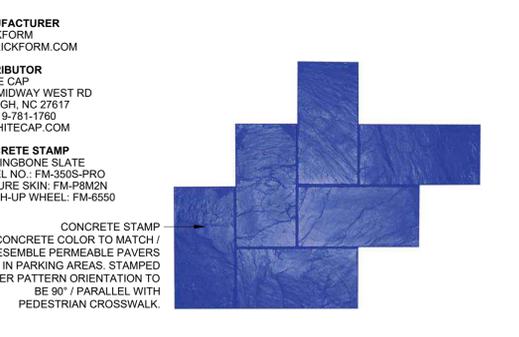
P-CO-CTHG-107

- NOTES:**
1. WARNING DOMES SHALL CONFORM TO ALL CURRENT LOCAL, STATE AND FEDERAL CODE REQUIREMENTS
 2. COLOR TO BE CHARCOAL AND CONTRAST WITH ADJACENT PAVING MATERIAL.
 3. DETECTABLE WARNING STRIPS TO EXTEND ACROSS FULL WIDTH OF CURB RAMP.
 4. WARNING STRIPS TO EXTEND 24" INCHES IN THE DIRECTION OF PEDESTRIAN TRAVEL.
 5. CONTRACTOR TO PROVIDE COLOR SAMPLE FOR APPROVAL BY LANDSCAPE ARCHITECT AND ENGINEER PRIOR TO INSTALLATION.



11 ADA DETECTABLE WARNING PAVER
N.T.S.

- NOTES:**
1. THIS DETAIL TO BE REFERENCED FOR CONCRETE STAMP AND COLOR FINISH ONLY.
 2. CONTRACTOR TO PROVIDE MOCKUP SAMPLE OF STAMPED AND DYED CONCRETE TO LANDSCAPE ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION.
 3. REFER TO TRAFFIC ENGINEER DRAWINGS FOR CONCRETE CROSS SECTIONS AND MATERIALS REQUIREMENTS.
 4. INSTALL STAMP AND COLOR TO MANUFACTURER SPECIFICATIONS.



12 ROADWAY CONCRETE PAVING (STAMP & DYE)
N.T.S.

140 APPLCROSS RD, STE B
PINEHURST, NC 28374
P: (910) 689-6487
W: www.3se.com

3 SE

NO. 1222
2/6/2026

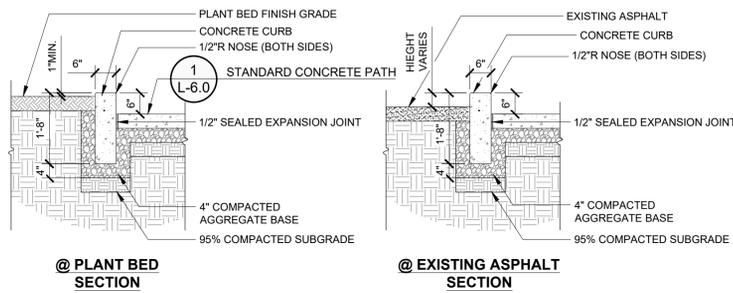
REVISIONS:

CARTHAGE DOWNTOWN REVITALIZATION
CARTHAGE, NORTH CAROLINA

HARDSCAPE DETAILS

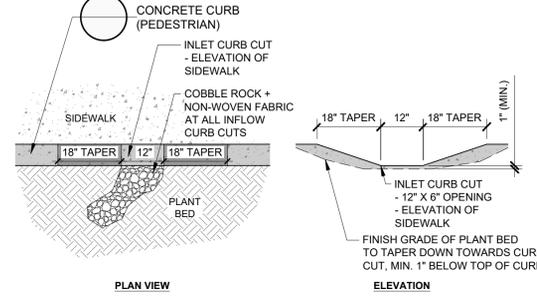
DATE: 2026-02-06
DESIGNED BY: TWH
DRAWN BY: DM/TWH
CHECKED BY: TWH
SCALE: N/A
PROJECT #: 250448
SHEET NUMBER #: L-6.0

NOTES:
 1. ALL STRUCTURAL CROSS SECTIONS SHALL BE REVIEWED BY A QUALIFIED ENGINEER AND MODIFIED AS NECESSARY BASED ON SITE SPECIFIC GEOTECHNICAL DATA
 2. CONCRETE PSI AND THICKNESS TO BE DETERMINED IN ACCORDANCE WITH SITE SPECIFIC GEOTECHNICAL DATA
 3. CURB CONTROL JOINTS SPACED AT 10' O.C.



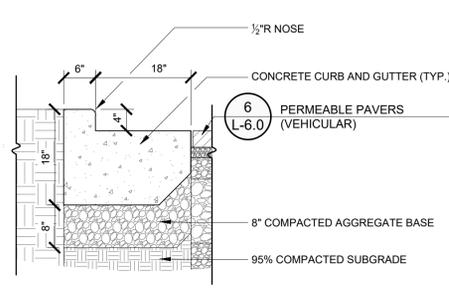
1 CONCRETE CURB (PEDESTRIAN)
 1/2" = 1'-0"

NOTES:
 1. ALL STRUCTURAL CROSS SECTIONS SHALL BE REVIEWED BY A QUALIFIED ENGINEER AND MODIFIED AS NECESSARY BASED ON SITE SPECIFIC GEOTECHNICAL DATA
 2. SEE GRADING PLAN FOR ELEVATION OF INFLOW CURB CUTS
 3. CURB CONTROL JOINTS SPACED AT 10' O.C.



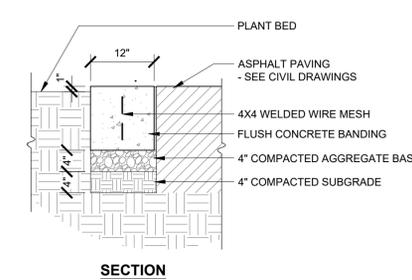
2 INLET CUT AT CONCRETE CURB
 1/2" = 1'-0"

NOTES:
 1. ALL STRUCTURAL CROSS SECTIONS SHALL BE REVIEWED BY A QUALIFIED ENGINEER AND MODIFIED AS NECESSARY BASED ON SITE SPECIFIC GEOTECHNICAL DATA

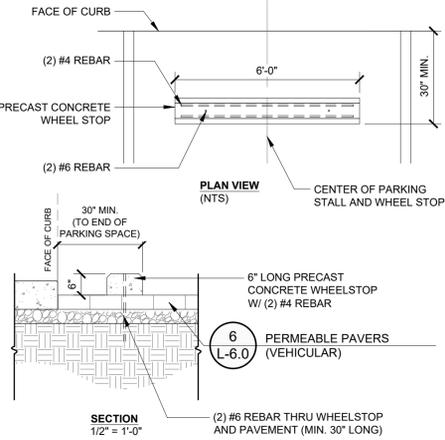


3 24" CONCRETE CURB AND GUTTER
 3/4" = 1'-0"

NOTES:
 1. ALL STRUCTURAL CROSS SECTIONS SHALL BE REVIEWED BY A QUALIFIED ENGINEER AND MODIFIED AS NECESSARY BASED ON SITE SPECIFIC GEOTECHNICAL DATA

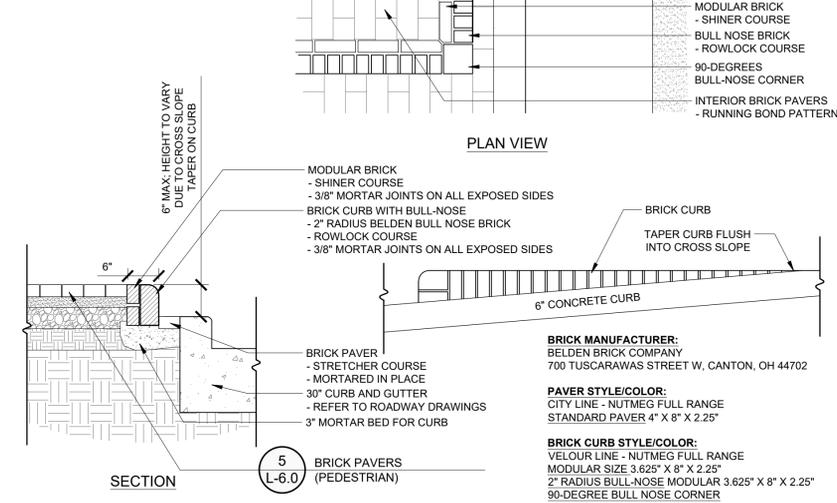


4 12" CONCRETE BANDING
 3/4" = 1'-0" P-CO-CTHG-111



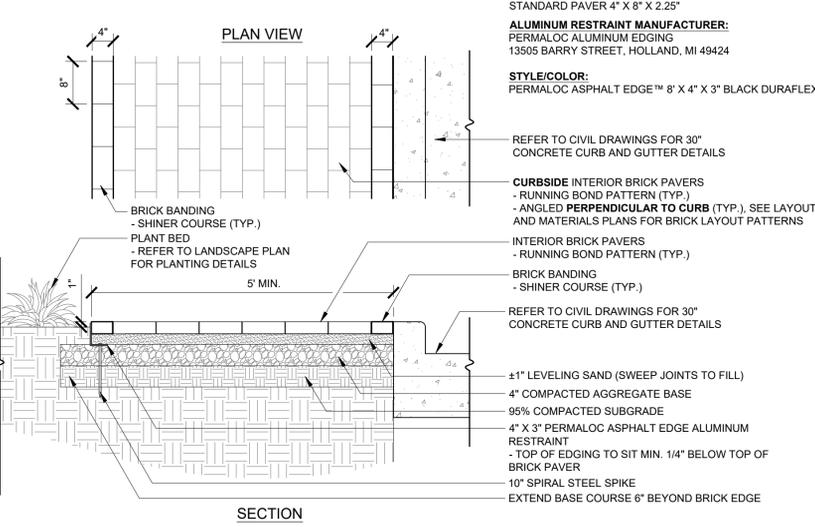
5 CONCRETE WHEELSTOP
 1/2" = 1'-0" P-CO-CTHG-123

NOTES:
 1. ALL STRUCTURAL CROSS SECTIONS SHALL BE REVIEWED BY A QUALIFIED ENGINEER AND MODIFIED AS NECESSARY BASED ON SITE SPECIFIC GEOTECHNICAL DATA



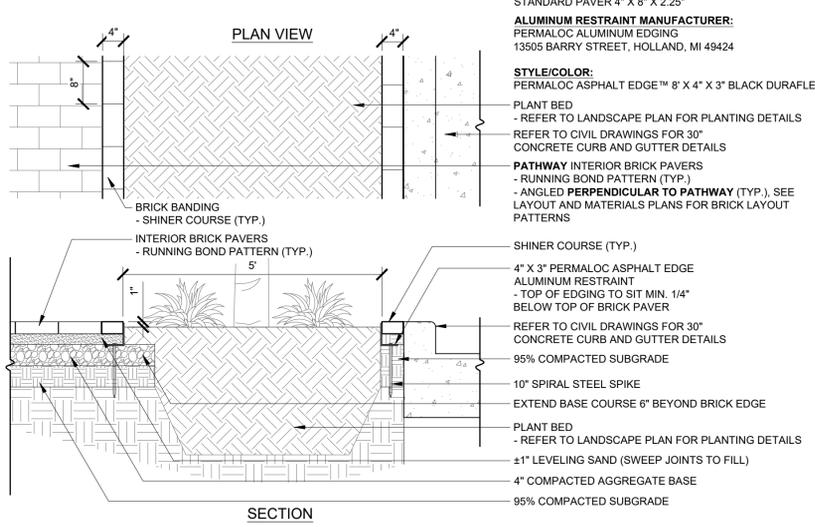
6 BRICK PEDESTRIAN CURB W/ TAPERED HEIGHT
 3/4" = 1'-0"

NOTES:
 1. ALL STRUCTURAL CROSS SECTIONS SHALL BE REVIEWED BY A QUALIFIED ENGINEER AND MODIFIED AS NECESSARY BASED ON SITE SPECIFIC GEOTECHNICAL DATA
 2. INSTALL ASPHALT EDGE TO MANUFACTURER'S SPECIFICATIONS



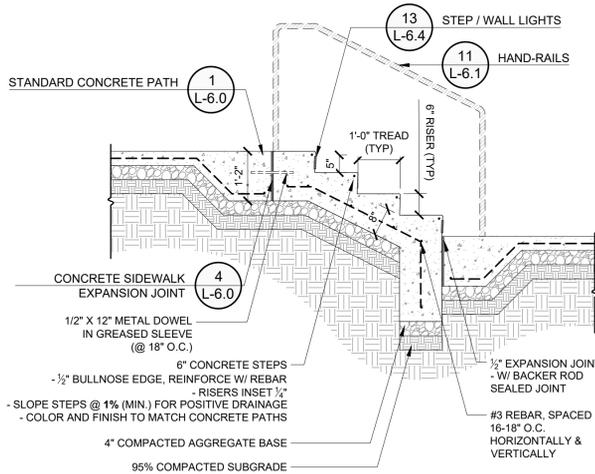
7 BRICK PAVER / CONCRETE CURB INTERFACE
 3/4" = 1'-0"

NOTES:
 1. ALL STRUCTURAL CROSS SECTIONS SHALL BE REVIEWED BY A QUALIFIED ENGINEER AND MODIFIED AS NECESSARY BASED ON SITE SPECIFIC GEOTECHNICAL DATA
 2. INSTALL ASPHALT EDGE TO MANUFACTURER'S SPECIFICATIONS



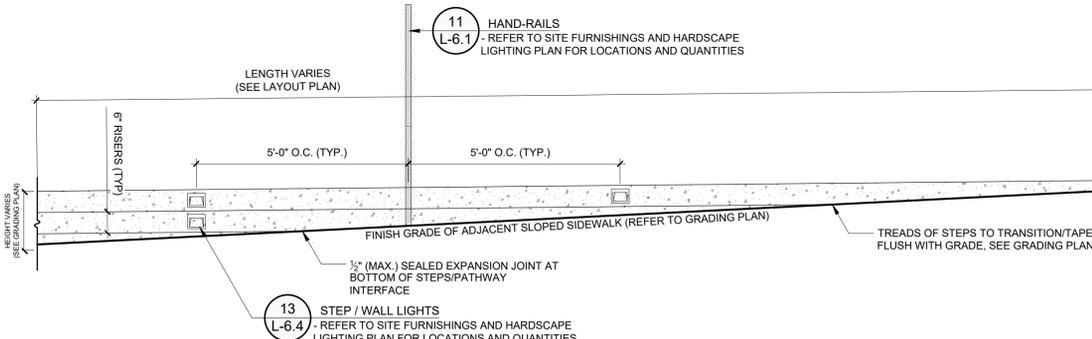
8 BRICK EDGING (PLANT BED)
 3/4" = 1'-0"

NOTE:
 1. ALL STRUCTURAL CROSS SECTIONS SHALL BE REVIEWED BY A QUALIFIED ENGINEER AND MODIFIED AS NECESSARY BASED ON THE SITE SPECIFIC GEOTECHNICAL DATA
 2. REFER TO SITE FURNISHINGS AND HARDSCAPE LIGHTING PLAN FOR SPACING AND LOCATIONS OF HANDRAILS AND HARDSCAPE LIGHTING



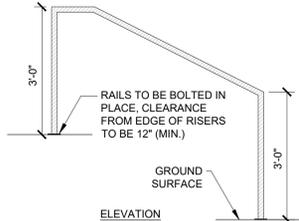
9 CONCRETE STEPS - 6" RISERS
 1/2" = 1'-0"

NOTES:
 1. PROVIDE POSITIVE DRAINAGE OFF STAIR TREADS
 2. REFER TO SITE FURNISHINGS AND HARDSCAPE LIGHTING PLAN FOR SPACING AND LOCATIONS OF HANDRAILS AND HARDSCAPE LIGHTING



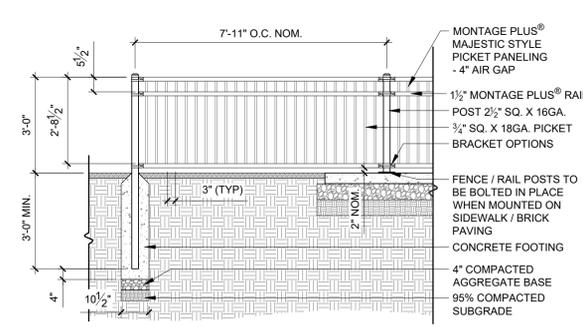
10 CONCRETE STEPS - ELEVATION
 1/2" = 1'-0"

NOTE:
 1. ALL STRUCTURAL CROSS SECTIONS SHALL BE REVIEWED BY A QUALIFIED ENGINEER AND MODIFIED AS NECESSARY BASED ON THE SITE SPECIFIC GEOTECHNICAL DATA
 2. HANDRAILS TO BE SPACED 10' APART (TYP.), REFER TO SITE FURNISHINGS AND HARDSCAPE LIGHTING PLAN FOR HANDRAIL LOCATIONS, SPACING, AND LINEAR FOOTAGE
 3. ALL HANDRAILS TO COMPLY WITH IBC AND NBC REQUIREMENTS
 4. HANDRAILS TO BE SQUARE TUBE ALUMINUM, POWDER COATED BLACK FINISH
 5. CONTRACTOR TO PROVIDE PRODUCT SAMPLE FOR REVIEW AND APPROVAL BY LANDSCAPE ARCHITECT PRIOR TO INSTALLATION



11 HAND-RAILS
 1/2" = 1'-0" P-CO-CTHG-24

NOTE:
 1. ALL STRUCTURAL CROSS SECTIONS SHALL BE REVIEWED BY A QUALIFIED ENGINEER AND MODIFIED AS NECESSARY BASED ON SITE SPECIFIC GEOTECHNICAL DATA
 2. FINAL CHOICE FOR FENCE INSTALLER SHALL BE REVIEWED BY LANDSCAPE ARCHITECT BEFORE INSTALLATION
 3. ALL FENCING COMPONENTS TO BE INSTALLED PER MANUFACTURER SPECIFICATIONS. ANY MODIFICATIONS OR SUBSTITUTIONS TO BE REVIEWED BY LANDSCAPE ARCHITECT OR OWNER'S REPRESENTATIVE
 4. ANY FENCING LOCATED ON PAVED SURFACES TO BE ORDERED AT 4' LENGTH PANELS WITH WELDED-ON PLATE FOR SURFACE MOUNTING



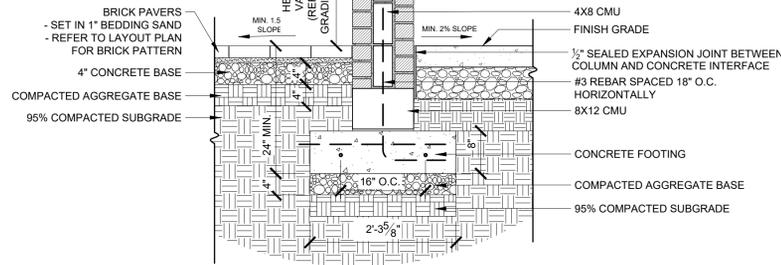
12 PERIMETER FENCE / GUARD RAIL (PER MANUFACTURER SPEC)
 3/8" = 1'-0" P-CO-CTHG-113

NOTES

1. ALL STRUCTURAL CROSS SECTIONS SHALL BE REVIEWED BY A QUALIFIED ENGINEER AND MODIFIED AS NECESSARY BASED ON SITE SPECIFIC GEOTECHNICAL DATA
2. CONTRACTOR TO PROVIDE BRICK SAMPLES FOR REVIEW AND APPROVAL BEFORE INSTALLATION.
3. ALL BRICK THAT IS MORTARED IN PLACE SHALL BE INSTALLED WITH MIN. 3/8" MORTAR JOINTS

BRICK MANUFACTURER:
TRIANGLE BRICK COMPANY
6523 NC HWY 55,
DURHAM, NC 27713

STYLE/COLOR:
FACE BRICK HARPER CREEK
COLOR TAN
ENGINEER SIZE:
7-5/8" X 2-3/4" X 3-9/16"



1 BRICK FREESTANDING / CHEEK WALL

3/4" = 1'-0"

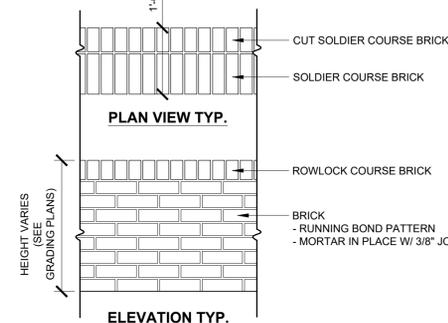
P-CO-CTHG-115

NOTES

1. ALL STRUCTURAL CROSS SECTIONS SHALL BE REVIEWED BY A QUALIFIED ENGINEER AND MODIFIED AS NECESSARY BASED ON SITE SPECIFIC GEOTECHNICAL DATA
2. CONTRACTOR TO PROVIDE BRICK SAMPLES FOR REVIEW AND APPROVAL BEFORE INSTALLATION.
3. ALL BRICK THAT IS MORTARED IN PLACE SHALL BE INSTALLED WITH MIN. 3/8" MORTAR JOINTS

BRICK MANUFACTURER:
TRIANGLE BRICK COMPANY
6523 NC HWY 55,
DURHAM, NC 27713

STYLE/COLOR:
FACE BRICK HARPER CREEK
COLOR TAN
ENGINEER SIZE:
7-5/8" X 2-3/4" X 3-9/16"



2 BRICK FREESTANDING / CHEEK WALL LAYOUT

3/4" = 1'-0"

P-CO-CTHG-67

PRECAST CAP MANUFACTURER:
A & D PRECAST
PO BOX 1198
LINCOLN, NC 28092

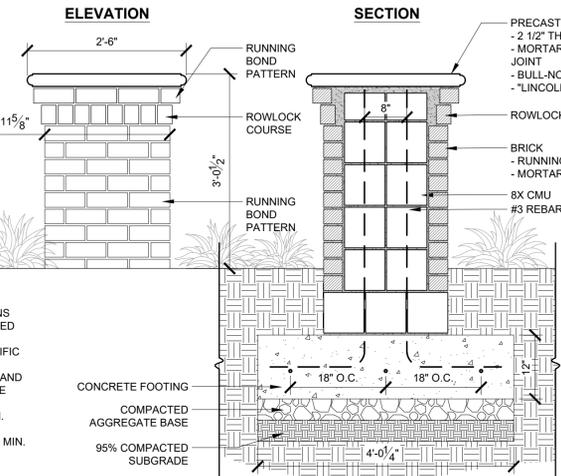
STYLE/COLOR:
BULL-NOSE WITH LIP
COLOR/STYLE: LINCOLN
SIZE: 2 1/2" T X 20" W X 48" L

BRICK MANUFACTURER:
TRIANGLE BRICK COMPANY
6523 NC HWY 55,
DURHAM, NC 27713

STYLE/COLOR:
FACE BRICK HARPER CREEK
COLOR TAN
ENGINEER SIZE:
7-5/8" X 2-3/4" X 3-9/16"

NOTES

1. ALL STRUCTURAL CROSS SECTIONS SHALL BE REVIEWED BY A QUALIFIED ENGINEER AND MODIFIED AS NECESSARY BASED ON SITE SPECIFIC GEOTECHNICAL DATA
2. CONTRACTOR TO PROVIDE BRICK AND PRECAST SAMPLES TO LANDSCAPE ARCHITECT FOR REVIEW AND APPROVAL BEFORE INSTALLATION.
3. ALL BRICK THAT IS MORTARED IN PLACE SHALL BE INSTALLED WITH MIN. 3/8" MORTAR JOINTS



3 BRICK COLUMN

3/4" = 1'-0"

P-CO-CTHG-23

NOTES

1. ALL STRUCTURAL CROSS SECTIONS SHALL BE REVIEWED BY A QUALIFIED ENGINEER AND MODIFIED AS NECESSARY BASED ON SITE SPECIFIC GEOTECHNICAL DATA
2. CONTRACTOR TO PROVIDE BRICK AND PRECAST SAMPLES TO LANDSCAPE ARCHITECT FOR REVIEW AND APPROVAL BEFORE INSTALLATION.
3. ALL BRICK THAT IS MORTARED IN PLACE SHALL BE INSTALLED WITH MIN. 3/8" MORTAR JOINTS

BRICK MANUFACTURER:
TRIANGLE BRICK COMPANY
6523 NC HWY 55,
DURHAM, NC 27713

STYLE/COLOR:
FACE BRICK HARPER CREEK
COLOR TAN
ENGINEER SIZE:
7-5/8" X 2-3/4" X 3-9/16"

BRICK MANUFACTURER:
TRIANGLE BRICK COMPANY
6523 NC HWY 55,
DURHAM, NC 27713

NOTES

1. ALL STRUCTURAL CROSS SECTIONS SHALL BE REVIEWED BY A QUALIFIED ENGINEER AND MODIFIED AS NECESSARY BASED ON SITE SPECIFIC GEOTECHNICAL DATA
2. CONTRACTOR TO PROVIDE BRICK AND PRECAST SAMPLES TO LANDSCAPE ARCHITECT FOR REVIEW AND APPROVAL BEFORE INSTALLATION.
3. ALL BRICK THAT IS MORTARED IN PLACE SHALL BE INSTALLED WITH MIN. 3/8" MORTAR JOINTS

4 BRICK SEAT WALL W/ BACKLESS WOOD BENCH

3/4" = 1'-0"

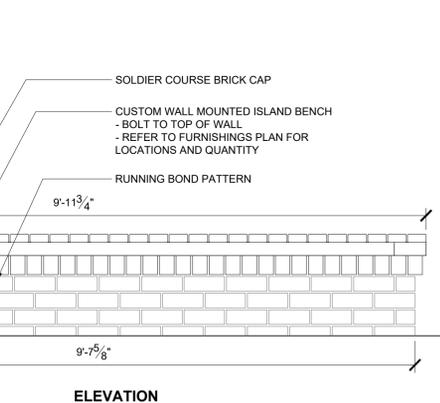
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BRICK MANUFACTURER:
TRIANGLE BRICK COMPANY
6523 NC HWY 55,
DURHAM, NC 27713

STYLE/COLOR:
FACE BRICK HARPER CREEK
COLOR TAN
ENGINEER SIZE:
7-5/8" X 2-3/4" X 3-9/16"

BACKLESS BENCH MANUFACTURER:
DUMOR, INC.
138 INDUSTRIAL CIR.
MIFFLINTOWN, PA 17059
PH 800-598-4018
E SALES@DUMOR.COM

STYLE/COLOR:
W521-60 WALL MOUNT BACKLESS BENCH
METAL COLOR TEXTURED CHARCOAL
RECYCLED PLASTIC COLOR WOOD GRAIN
BRAZILIAN WALNUT



5 BRICK SEAT WALL W/ CUSTOM MOUNTED ISLAND BENCH

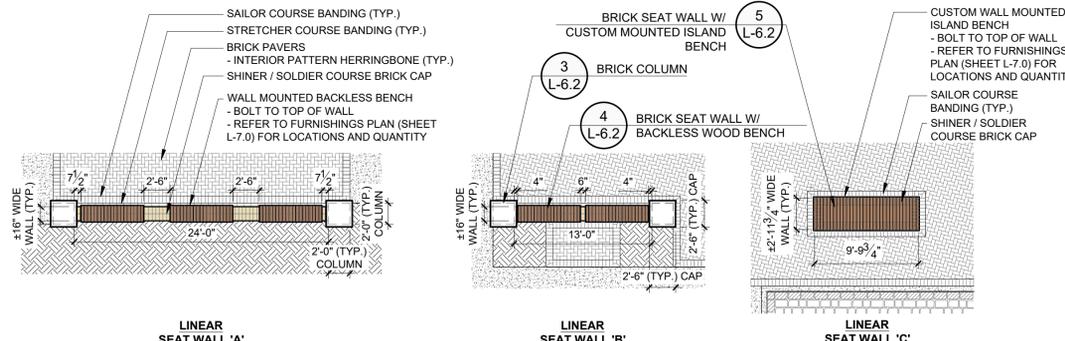
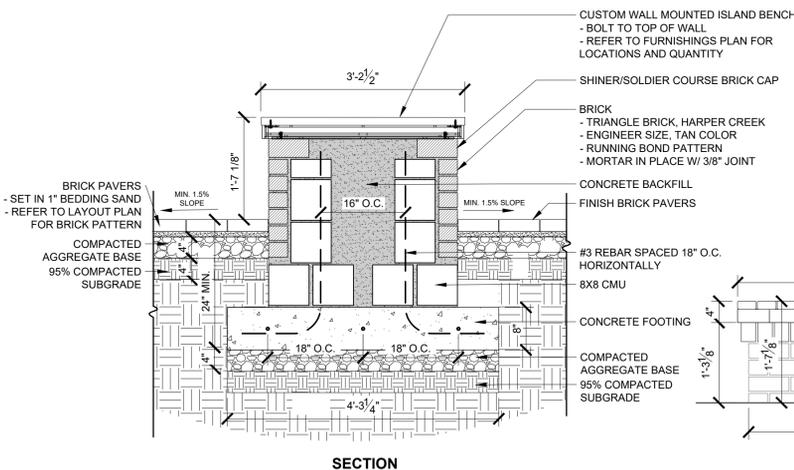
3/4" = 1'-0"

P-CO-CTHG-118

6 LINEAR BRICK SEAT WALL LAYOUT DETAIL

1/8" = 1'-0"

P-CO-CTHG-120



140 APPLE CROSS RD, STE B
PINEHURST, NC 28374
P: (910) 684-6487
W: www.3se.com

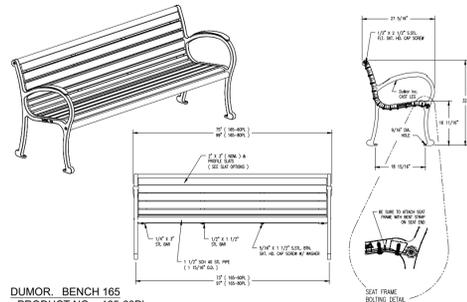


REVISIONS:

CARTHAGE DOWNTOWN REVITALIZATION
CARTHAGE, NORTH CAROLINA

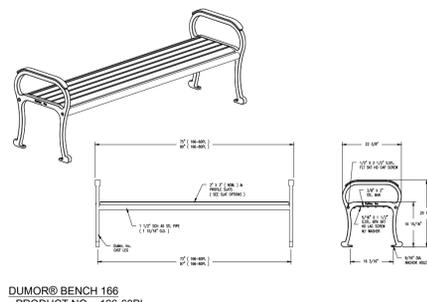
HARDSCAPE DETAILS

DATE: 2026-02-06
DESIGNED BY: TWH
DRAWN BY: DWM/TWH
CHECKED BY: TWH
SCALE: N/A
PROJECT #: 250448
SHEET NUMBER: L-6.2



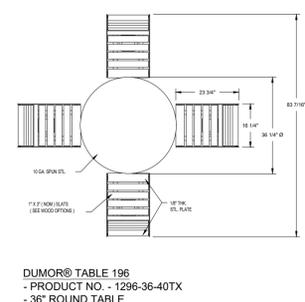
DUMOR® BENCH 165
 - PRODUCT NO. - 165-60PL
 - 6' CAST BENCH
 - TO BE BOLTED TO PAVEMENT, REFER TO LOCATIONS INDICATED ON SITE FURNISHINGS PLAN (L-7.0, L-7.1)
 - STEEL COLOR TO BE TEXTURED CHARCOAL
 - SEAT MATERIAL TO BE WOOD GRAIN RECYCLED PLASTIC, COLOR: BRAZILIAN WALNUT
 - INSTALL PER MANUFACTURER SPECIFICATIONS
 - CONTRACTOR TO COORDINATE WITH LANDSCAPE ARCHITECT ON FINAL LOCATIONS PRIOR TO INSTALLATION

1 BENCH
NTS



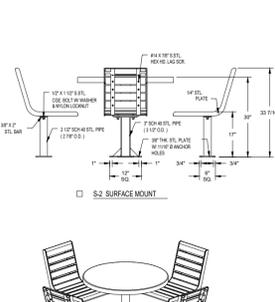
DUMOR® BENCH 166
 - PRODUCT NO. - 166-60PL
 - 6' CAST BENCH
 - TO BE BOLTED TO PAVEMENT, REFER TO LOCATIONS INDICATED ON SITE FURNISHINGS PLAN (L-7.0, L-7.1)
 - STEEL COLOR TO BE TEXTURED CHARCOAL
 - SEAT MATERIAL TO BE WOOD GRAIN RECYCLED PLASTIC, COLOR: BRAZILIAN WALNUT
 - INSTALL PER MANUFACTURER SPECIFICATIONS
 - CONTRACTOR TO COORDINATE WITH LANDSCAPE ARCHITECT ON FINAL LOCATIONS PRIOR TO INSTALLATION

2 BACKLESS BENCH
NTS



DUMOR® TABLE 196
 - PRODUCT NO. - 1296-36-40TX
 - 36" ROUND TABLE
 - TO BE BOLTED TO PAVEMENT, REFER TO LOCATIONS INDICATED ON SITE FURNISHINGS PLAN (L-7.0, L-7.1)
 - STEEL COLOR TO BE TEXTURED CHARCOAL
 - SEAT MATERIAL TO BE WOOD GRAIN RECYCLED PLASTIC, COLOR: BRAZILIAN WALNUT
 - INSTALL PER MANUFACTURER SPECIFICATIONS
 - CONTRACTOR TO COORDINATE WITH LANDSCAPE ARCHITECT ON FINAL LOCATIONS PRIOR TO INSTALLATION

3 TABLE AND CHAIRS
NTS



DUMOR® BIKE RACK 188
 - PRODUCT NO. - 188-05
 - 5 OPENINGS STEEL RACK, BOLTED TO CONCRETE/BRICK PEDASTAL
 - TO BE BOLTED TO PAVEMENT, REFER TO LOCATIONS INDICATED ON SITE FURNISHINGS PLAN (L-7.0, L-7.1)
 - STEEL COLOR TO BE TEXTURED CHARCOAL
 - INSTALL PER MANUFACTURER SPECIFICATIONS
 - CONTRACTOR TO COORDINATE WITH LANDSCAPE ARCHITECT ON FINAL LOCATIONS PRIOR TO INSTALLATION

4 BIKE RACK
NTS



METROPOL'S STATUARY - BELLA PLANTER
 SIZES: #4 - 24"Wx20"H, #6 - 31"Wx23"H, #7 - 36"Wx26"H
 CONTRACTOR TO COORDINATE PLANTER SELECTIONS AND QUANTITIES W/ LANDSCAPE ARCHITECT

5 ROUND CONCRETE PLANTER
NTS



RELIANCE FOUNDRY® STEEL BOLLARD POST
 - MODEL NO. - R-7902
 - 36"H X 4 5/16"W
 - TO BE BOLTED TO PAVEMENT, REFER TO LOCATIONS INDICATED ON SITE FURNISHINGS PLAN (L-7.0, L-7.1)
 - COLOR TO BE POWDER COATED BLACK
 - INSTALL PER MANUFACTURER SPECIFICATIONS

6 BOLLARD
NTS



SITESCAPES - CITYVIEW DOUBLE RECEPTACLE
 - PRODUCT NO. CV2-6101
 - 36 GALLON
 - TO BE BOLTED TO PAVEMENT, REFER TO LOCATIONS INDICATED ON SITE FURNISHINGS PLAN (L-7.0, L-7.1)
 - DOME TOP HOODS
 - COLOR TO MATCH DUMOR™ TEXTURED CHARCOAL
 - INSTALL TO MANUFACTURER SPECIFICATIONS
 - CONTRACTOR TO COORDINATE WITH LANDSCAPE ARCHITECT ON FINAL LOCATIONS PRIOR TO INSTALLATION

7 TRASH RECEPTACLE
NTS



MANUFACTURER: SITESCAPES, INC.
 2401 Production Dr, Roca, NE
 Phone: 888-331-9464
 Fax: 402-421-9479
 Email: info@sitescapesonline.com

8 TRASH RECEPTACLE W/ SOLAR POWERED COMPACTOR
NTS



ECUBE LABS - CLEANCUBE
 - 32 GALLON
 - SURFACE MOUNTED
 - SOLAR/AC POWER HYBRID
 - RECYCLING APERTURE
 - COLOR TO BE POWDER COATED BLACK
 - INSTALL TO MANUFACTURER SPECIFICATIONS



GRAPHIC WRAP
 EXAMPLE. FINAL DESIGN OF WRAP BY OTHERS.

MANUFACTURER: ECUBE LABS
 100 International Dr, 23rd Floor
 Baltimore, MA 21202
 Phone: 1-626-695-0021
 Fax: 1-213-299-2869
 Email: marketus@ecubelabs.com

9 ADA PARKING SIGN
PICTORAL



POST CAP:
 PRODUCT: SF3D
 DECO BEVELED CAP
 COLOR: BLACK
 POST SIZE: 3" SQUARE

POST:
 PRODUCT: 3PS
 3" SQUARE ALUMINUM POST
 COLOR: BLACK
 HEIGHT: 10"

POST BASE:
 PRODUCT: OSB-3
 MINI AMERICANA - CAST ALUMINUM POST BASE FOR 3" OD ROUND POST
 COLOR: BLACK
 CUSTOM HEIGHT: 12"

SIGN BACKER:
 PRODUCT: RBB-12x18
 DECORATIVE BACKER WITH RAISED BORDER (RBB)
 COLOR: BLACK
 FITS SIGN SIZE: 12"x18"

SIGN:
 HANDICAPPED PARKING ONLY BLUE SIGN
 SIZE: 12"x18"

MANUFACTURER:
 ORNAMENTAL POST & PANEL
 10108 INDUSTRIAL DR.
 PINEVILLE, NC 28134
 PH: 704-376-8111

NOTE:
 1. AS PER ADA REQUIREMENTS, ADA SIGN TO BE MOUNTED ON SIGN POST AT A MINIMUM OF 84" ABOVE THE GROUND MEASURED FROM THE BOTTOM OF THE SIGN.
 2. REFER TO MANUFACTURER FOR INSTALLATION SPECIFICATIONS

POST CAP:
 PRODUCT: SF3D
 DECO BEVELED CAP
 COLOR: BLACK
 POST SIZE: 3" SQUARE

POST:
 PRODUCT: 3PS
 3" SQUARE ALUMINUM POST
 COLOR: BLACK
 HEIGHT: 10"

POST BASE:
 PRODUCT: OSB-3
 MINI AMERICANA - CAST ALUMINUM POST BASE FOR 3" OD ROUND POST
 COLOR: BLACK
 CUSTOM HEIGHT: 12"

SIGN BACKER:
 PRODUCT: RBB-30S
 DECORATIVE BACKER WITH RAISED BORDER (RBB)
 COLOR: BLACK
 FITS SIGN SIZE: 30"

SIGN:
 STOP SIGN
 SIZE: 30"

MANUFACTURER:
 ORNAMENTAL POST & PANEL
 10108 INDUSTRIAL DR.
 PINEVILLE, NC 28134
 PH: 704-376-8111

NOTE:
 1. AS PER ADA REQUIREMENTS, ANY SIGNS WITHIN PEDESTRIAN PATH TO BE MOUNTED ON SIGN POST AT A MINIMUM OF 84" ABOVE THE GROUND MEASURED FROM THE BOTTOM OF THE SIGN.
 2. ALL NCDOT REQUIRED SIGNAGE AS SPECIFIED BY CIVIL ENGINEER TO UTILIZE SAME SQUARE POST, CAP, AND BASE PRODUCTS AS SPECIFIED IN THIS DETAIL; SIGNAGE TO FEATURE RAISED BORDER DECORATIVE BACKERS (RBB), SOURCED FROM ORNAMENTAL POST & PANEL.
 3. REFER TO MANUFACTURER FOR INSTALLATION SPECIFICATIONS.

STREET SIGN FRAME:
 PRODUCT: PBH-9x48
 STREET SIGN BLADE HOLDER
 COLOR: BLACK
 SIZE: 9"x48" (TYP.)
 - SIGN LENGTH MAY VARY 24"-48"

STREET SIGN:
 PRINTED ALUMINUM STREET SIGN BLADES
 SIZE: 9"x48" (TYP.)
 - SIGN LENGTH MAY VARY 24"-48"

10 STOP + STREET SIGN
PICTORAL



FLUTED CONCRETE BASE
 - 13' FOOT POLE / MOUNTING HEIGHT
 - COLOR: BLACK

NOTE
 1. REFER TO DUKE ENERGY LIGHTING PLANS FOR FINAL LOCATIONS AND SPECIFICATIONS FOR LIGHTS
 2. CONTRACTOR, OWNER'S REPRESENTATIVE AND LANDSCAPE ARCHITECT TO COORDINATE LOCATION OF LIGHTS ON SITE WITH ASSIGNED DUKE ENERGY LIGHTING TECHNICIAN.

11 STREET / PARKING LIGHTS
NTS



TOWN AND COUNTRY LED SERIES
 - CLOSED FIXTURE
 - 30 WATTS
 - COLOR: BLACK



BANNERSAVER™ SET
 - STANDARD BANDING SET
 - POWDER COATED BLACK

NOTE
 1. CONTRACTOR TO COORDINATE BANNER DIMENSIONS AND QUANTITIES WITH CARTHAGE TOWN MANAGER AND LANDSCAPE ARCHITECT.
 2. BANNER DESIGN BY OTHERS.

12 STREETLIGHT BANNER MOUNTS
NTS



13 STEP / WALL LIGHTS
NTS



GM LIGHTING® - 120V LED STEP LIGHT
 - CATALOG # GSL-H-B
 - COLOR: BLACK
 - INSTALL TO MANUFACTURER SPECIFICATIONS
 - CONTRACTOR TO VERIFY LIGHTING LOCATIONS WITH LANDSCAPE ARCHITECT PRIOR TO INSTALLATION
 - REFER TO SITE FURNISHINGS AND HARDSCAPE LIGHTING PLAN FOR LOCATIONS AND QUANTITIES



GM LIGHTING® STANDARD ADJUSTABLE SPOT LIGHT
 - PRODUCT # ILS-D120-BK
 - COLOR: BLACK
 - INSTALL TO MANUFACTURER SPECIFICATIONS

14 ACCENT LIGHTS
NTS

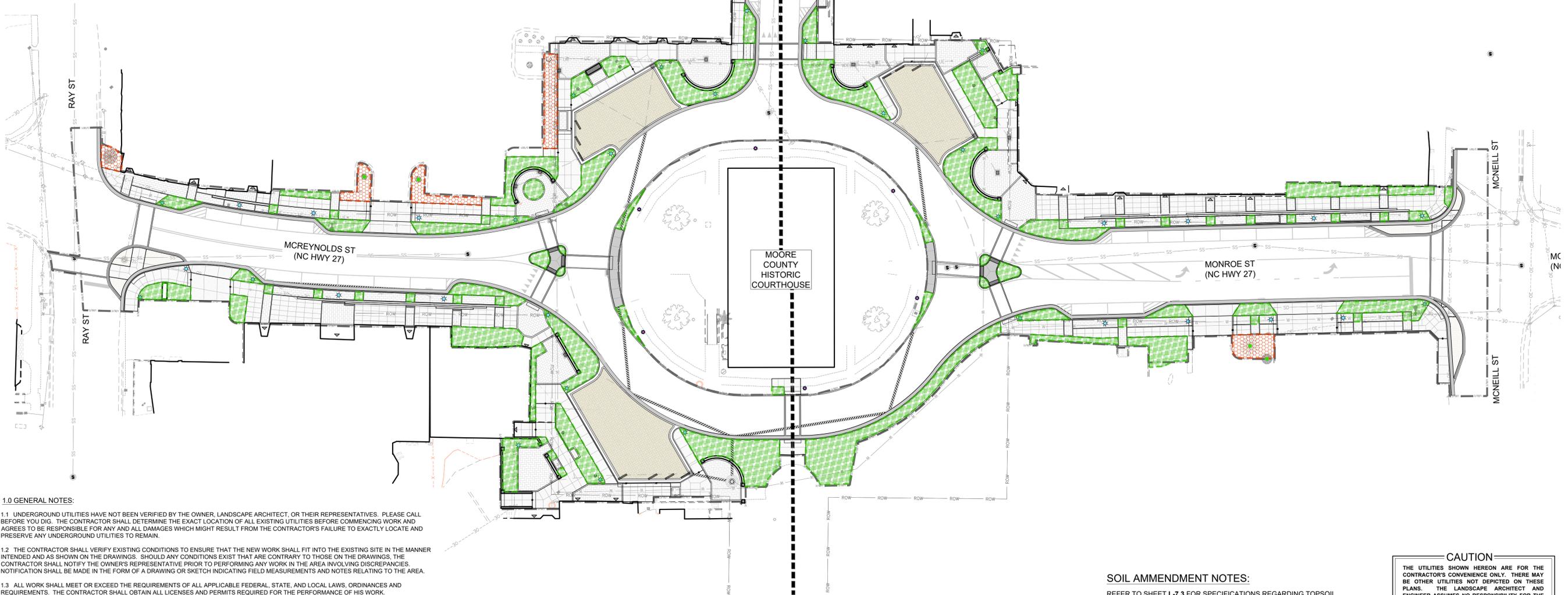


REVISIONS:

LEGEND	
	= PROJECT LIMITS OF DISTURBANCE
	= EXISTING MAJOR CONTOUR
	= EXISTING MINOR CONTOUR
	= EXISTING RIGHT-OF-WAY
	= EXISTING SANITARY SEWER LINE
	= EXISTING MANHOLE
	= EXISTING WATER LINE
	= EXISTING FIRE HYDRANT
	= EXISTING STORM DRAIN PIPE
	= EXISTING ELECTRICAL VAULT
	= EXISTING IRRIGATION VALVE
	= EXISTING PINE TREE
	= EXISTING HARDWOOD TREE
	= EXISTING SHRUB
	= PROPOSED WALL
	= EXISTING LIGHT POLE
	= PROPOSED DUKE PARKING LIGHT - SEE DETAIL 11/L-6.4
	= EXISTING REPLACED DUKE LIGHT - SEE DETAIL 11/L-6.4
	= EXISTING TREE/SHRUB SAVED
	= EXISTING TREE CREDIT
	= EXISTING BUILDING ENTRANCE

2.0 LANDSCAPE NOTES

- 2.1 THIS PLAN IS FOR LANDSCAPE PURPOSES ONLY.
- 2.2 UNDERGROUND UTILITIES HAVE NOT BEEN VERIFIED BY THE OWNER, LANDSCAPE ARCHITECT, OR THEIR REPRESENTATIVES. PLEASE CALL BEFORE YOU DIG. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK AND AGREES TO BE RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT RESULT FROM THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY UNDERGROUND UTILITIES TO REMAIN.
- 2.3 THE CONTRACTOR SHALL VERIFY EXISTING CONDITIONS TO ENSURE THAT THE NEW WORK SHALL FIT INTO THE EXISTING SITE IN THE MANNER INTENDED AND AS SHOWN ON THE DRAWINGS. SHOULD ANY CONDITIONS EXIST THAT ARE CONTRARY TO THOSE ON THE DRAWINGS, THE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE PRIOR TO PERFORMING ANY WORK IN THE AREA INVOLVING DISCREPANCIES. NOTIFICATION SHALL BE MADE IN THE FORM OF A DRAWING OR SKETCH INDICATING FIELD MEASUREMENTS AND NOTES RELATING TO THE AREA.
- 2.4 ALL WORK SHALL MEET OR EXCEED THE REQUIREMENTS OF ALL APPLICABLE FEDERAL, STATE, AND LOCAL LAWS, ORDINANCES AND REQUIREMENTS. THE CONTRACTOR SHALL OBTAIN ALL LICENSES AND PERMITS REQUIRED FOR THE PERFORMANCE OF HIS WORK.
- 2.5 IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PERFORM ALL WORK IN A MANNER THAT PROTECTS COMPLETED WORK BY OTHERS, SUCH AS CURBS, UTILITIES, STORM DRAINAGE, FENCES, DRIVEWAY APRONS, DRIVES, VEGETATION, ETC. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COST OF SATISFACTORY REPAIR OF ALL DAMAGES IN KIND RESULTING FROM HIS/HER FAILURE TO COMPLY.
- 2.6 THE CONTRACTOR IS TO VERIFY ALL QUANTITIES SHOWN ON THE PLAN AND IN THE PLANT SCHEDULE. IF DISCREPANCIES OCCUR, THE CONTRACTOR SHALL CONTACT THE LANDSCAPE ARCHITECT IMMEDIATELY. QUANTITIES OF PLANTS SHOWN BY LANDSCAPE SYMBOLS SHALL GOVERN OVER THE QUANTITIES SHOWN IN THE PLANT SCHEDULE.
- 2.7 NO SUBSTITUTIONS OF PRODUCTS, PLANT TYPES OR SIZES SHALL BE MADE WITHOUT WRITTEN APPROVAL OF THE OWNER, LANDSCAPE ARCHITECT, AND MUNICIPAL REVIEW AGENCY. REQUESTS FOR SUBSTITUTION SHALL BE IN WRITING, AND SHALL STATE THE REASONS FOR THE SUBSTITUTION REQUEST, THE SUGGESTED ALTERNATIVE, AND THE CHANGES IN COST. REQUESTS FOR SUBSTITUTION IN PLANT MATERIAL SHALL STATE THE NAMES OF NURSERIES WHO HAVE BEEN UNABLE TO SUPPLY THE ORIGINALLY SPECIFIED MATERIAL.
- 2.8 CONTRACTOR TO UTILIZE EXISTING INKBERRY (ILGS) AND DISTYLUM (DIS) SHRUBS FROM TOWN'S RAISED PLANTERS AND PLANT BEDS WITHIN LOD/C TOWARDS PROPOSED (ILGS) AND (DIS) PLANTINGS INDICATED ON LANDSCAPE PLAN.
- 2.9 CONTRACTOR TO VERIFY COUNTS AND CONDITION OF PRESERVED SHRUBS WITH LANDSCAPE ARCHITECT PRIOR TO PLANTING.
- 2.10 IN AREAS INDICATED ON THE SOIL AMENDMENTS PLAN (SHEET L-7.0) AS "SOIL REPLACEMENT MIX," CONTRACTOR SHALL EXCAVATE EXISTING MATERIAL FROM ALL PLANT BED AREAS TO A MINIMUM DEPTH OF 24" AND REMOVE / DISPOSE OF UNSUITABLE EXISTING SUBGRADE MATERIAL. THE BOTTOM GRADE OF THE EXCAVATION SHALL BE DE-COMPACTED AND BLENDED/TILLED TO A DEPTH OF 8" WITH 4" OF TOPSOIL BACKFILL TO BREAK UP ANY REMAINING COMPACTION AND TO INTEGRATE THE SUBGRADE WITH THE TOPSOIL BACK FILL MATERIAL. EXCAVATED PLANT BEDS SHALL BE BACK FILLED WITH SUITABLE TOPSOIL PER SPECIFICATION TO WITHIN 3" OF FINISH GRADE (TO ACCOUNT FOR THE REMAINING 3" OF MULCH).
- 2.11 IN AREAS INDICATED ON THE SOIL AMENDMENTS PLAN (SHEET L-7.0) AS "SOIL AMENDMENT MIX," CONTRACTOR SHALL EXCAVATE EXISTING MATERIAL FROM ALL PLANT BED AREAS TO A DEPTH OF 3" AND REMOVE / DISPOSE OF UNSUITABLE EXISTING SUBGRADE MATERIAL. THE BOTTOM GRADE OF THE EXCAVATION SHALL BE DE-COMPACTED AND BLENDED/TILLED TO A DEPTH OF 6" WITH 3" OF TOPSOIL BACKFILL TO BREAK UP ANY REMAINING COMPACTION AND TO INTEGRATE THE SUBGRADE WITH THE TOPSOIL BACK FILL MATERIAL.



1.0 GENERAL NOTES:

- 1.1 UNDERGROUND UTILITIES HAVE NOT BEEN VERIFIED BY THE OWNER, LANDSCAPE ARCHITECT, OR THEIR REPRESENTATIVES. PLEASE CALL BEFORE YOU DIG. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK AND AGREES TO BE RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT RESULT FROM THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY UNDERGROUND UTILITIES TO REMAIN.
- 1.2 THE CONTRACTOR SHALL VERIFY EXISTING CONDITIONS TO ENSURE THAT THE NEW WORK SHALL FIT INTO THE EXISTING SITE IN THE MANNER INTENDED AND AS SHOWN ON THE DRAWINGS. SHOULD ANY CONDITIONS EXIST THAT ARE CONTRARY TO THOSE ON THE DRAWINGS, THE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE PRIOR TO PERFORMING ANY WORK IN THE AREA INVOLVING DISCREPANCIES. NOTIFICATION SHALL BE MADE IN THE FORM OF A DRAWING OR SKETCH INDICATING FIELD MEASUREMENTS AND NOTES RELATING TO THE AREA.
- 1.3 ALL WORK SHALL MEET OR EXCEED THE REQUIREMENTS OF ALL APPLICABLE FEDERAL, STATE, AND LOCAL LAWS, ORDINANCES AND REQUIREMENTS. THE CONTRACTOR SHALL OBTAIN ALL LICENSES AND PERMITS REQUIRED FOR THE PERFORMANCE OF HIS WORK.
- 1.4 IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PERFORM ALL WORK IN A MANNER THAT PROTECTS COMPLETED WORK BY OTHERS, SUCH AS CURBS, UTILITIES, STORM DRAINAGE, FENCES, DRIVEWAY APRONS, DRIVES, VEGETATION, ETC. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COST OF SATISFACTORY REPAIR OF ALL DAMAGES IN KIND RESULTING FROM HIS/HER FAILURE TO COMPLY.
- 1.5 THE CONTRACTOR IS TO VERIFY ALL QUANTITIES SHOWN ON THE PLAN. IF DISCREPANCIES OCCUR, THE CONTRACTOR SHALL CONTACT THE LANDSCAPE ARCHITECT IMMEDIATELY.
- 1.6 THE CONTRACTOR SHALL GUARANTEE ALL LANDSCAPE IMPROVEMENTS, INCLUDING SEEDING, FOR ONE FULL YEAR AS REQUIRED BY THE SPECIFICATIONS. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL PLANT MAINTENANCE DURING THE GUARANTEE PERIOD.

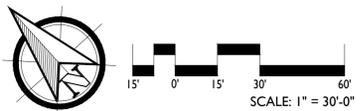
SOIL AMMENDMENT NOTES:

REFER TO SHEET L-7.3 FOR SPECIFICATIONS REGARDING TOPSOIL, FERTILIZERS, ADDITIONAL AMENDMENTS, AND SEEDBED PREPARATION.

SOIL AMMENDMENT SCHEDULE:

- SOIL REPLACEMENT MIX
- EXCAVATE 24" DEPTH OF EXISTING MATERIAL AND REPLACE WITH 24" SAND/PLANT BED MATERIAL ORGANIC MIX (80% SAND, 20% COMPOST) (TYP.)
- DECOMPACT SUBGRADE TO A DEPTH OF 8" ROTORILL IN MIX
AREA = ± 14,156 SF
- SOIL AMENDMENT MIX
- EXCAVATE TOP 3" OF EXISTING PLANT BED MATERIAL AND REPLACE WITH 3" SAND / COMPOST MIX (80% SAND, 20% COMPOST) (TYP.), ROTOTILL TO 6" DEPTH.
AREA = ± 1,503 SF

CAUTION
THE UTILITIES SHOWN HEREON ARE FOR THE CONTRACTOR'S CONVENIENCE ONLY. THERE MAY BE OTHER UTILITIES NOT DEPICTED ON THESE PLANS. THE LANDSCAPE ARCHITECT AND ENGINEER ASSUMES NO RESPONSIBILITY FOR THE LOCATIONS SHOWN AND IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATIONS OF ALL UTILITIES WITHIN THE PROJECT LIMITS. ALL DAMAGE MADE TO THE EXISTING UTILITIES BY THE CONTRACTOR SHALL BE THE SOLE RESPONSIBILITY BY THE CONTRACTOR.



140 APLECROSS RD, STE B
PINEHURST, NC 28374
P: (910) 684-6487
W: www.3se.com



REVISIONS:

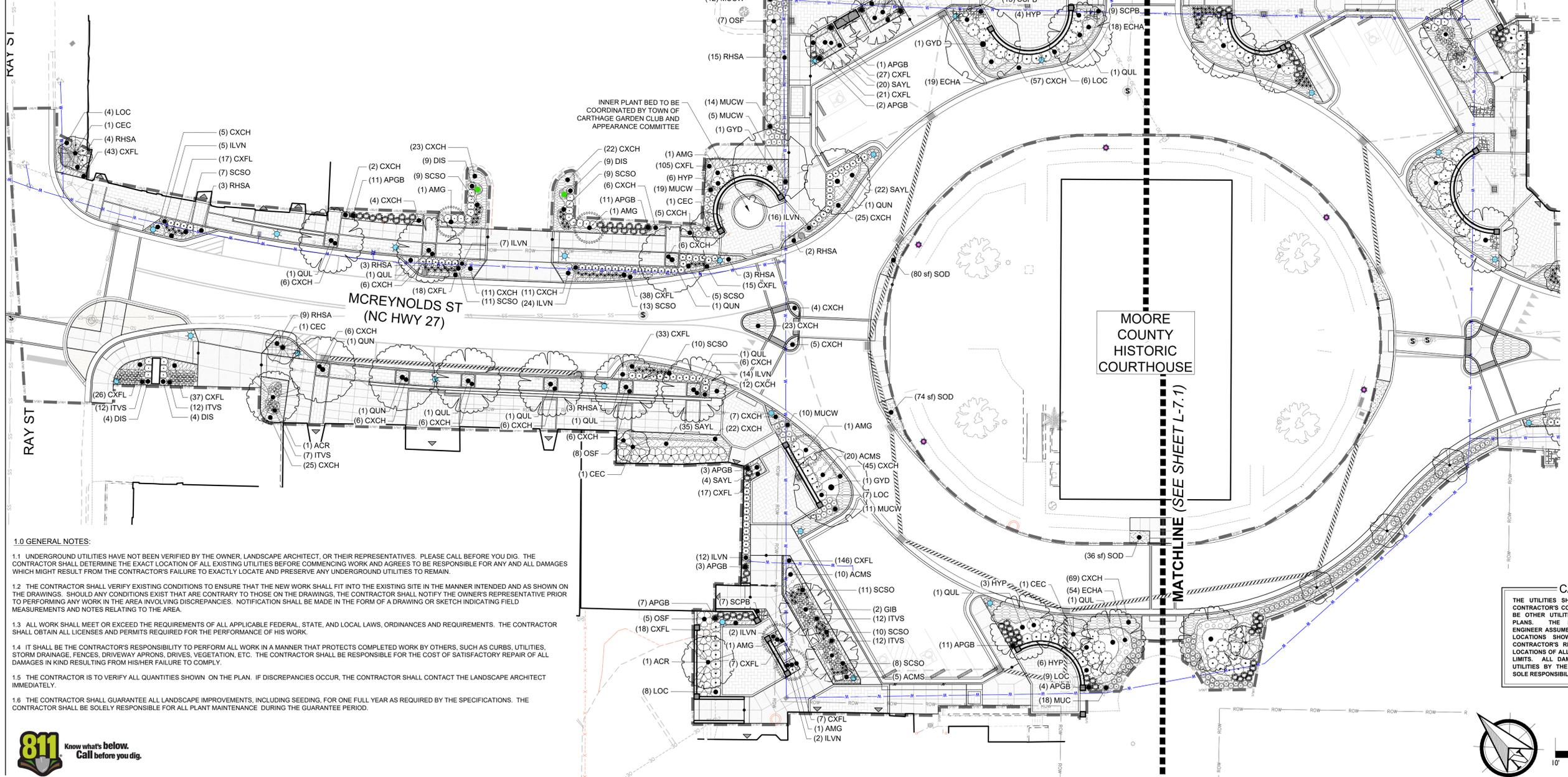
CARTHAGE DOWNTOWN REVITALIZATION
CARTHAGE, NORTH CAROLINA
SOIL AMENDMENTS PLAN

DATE: 2024-02-06
DESIGNED BY: REK
DRAWN BY: DWM
CHECKED BY: TWH
SCALE: 1" = 30'
PROJECT #: 250448
SHEET NUMBER:
L-7.0

LEGEND	
	= PROJECT LIMITS OF DISTURBANCE
	= EXISTING MAJOR CONTOUR
	= EXISTING MINOR CONTOUR
	= EXISTING RIGHT-OF-WAY
	= EXISTING SANITARY SEWER LINE
	= EXISTING MANHOLE
	= EXISTING FENCE LINE
	= EXISTING WATER LINE
	= EXISTING FIRE HYDRANT
	= EXISTING STORM DRAIN PIPE
	= EXISTING ELECTRICAL VAULT
	= EXISTING IRRIGATION VALVE
	= EXISTING PINE TREE
	= EXISTING HARDWOOD TREE
	= EXISTING SHRUB
	= PROPOSED WALL
	= EXISTING LIGHT POLE
	= PROPOSED DUKE PARKING LIGHT - SEE DETAIL 11/L-6.4
	= EXISTING REPLACED DUKE LIGHT - SEE DETAIL 11/L-6.4
	= EXISTING TREE/SHRUB SAVED
	= EXISTING TREE CREDIT
	= EXISTING BUILDING ENTRANCE

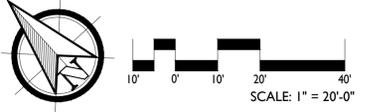
2.0 LANDSCAPE NOTES

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- 2.9 CONTRACTOR TO VERIFY COUNTS AND CONDITION OF PRESERVED SHRUBS WITH LANDSCAPE ARCHITECT PRIOR TO PLANTING.
- 2.10 CONTRACTOR SHALL EXCAVATE EXISTING MATERIAL FROM ALL PLANT BED AREAS TO A MINIMUM DEPTH OF 24", AND REMOVE / DISPOSE OF EXISTING SUBGRADE MATERIAL. THE BOTTOM GRADE OF THE EXCAVATION SHALL BE DE-COMPACTED AND BLENDED/TILLED WITH 4" OF TOPSOIL BACKFILL TO BREAK UP ANY REMAINING COMPACTION AND TO INTEGRATE THE SUBGRADE WITH THE TOPSOIL BACK FILL MATERIAL.
- 2.11 EXCAVATED PLANT BEDS SHALL BE BACK FILLED WITH SUITABLE TOPSOIL PER SPECIFICATION TO WITHIN 3" OF FINISH GRADE (TO ACCOUNT FOR THE REMAINING 3" OF MULCH).



- 1.0 GENERAL NOTES:**
- 1.1 UNDERGROUND UTILITIES HAVE NOT BEEN VERIFIED BY THE OWNER, LANDSCAPE ARCHITECT, OR THEIR REPRESENTATIVES. PLEASE CALL BEFORE YOU DIG. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK AND AGREES TO BE RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT RESULT FROM THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY UNDERGROUND UTILITIES TO REMAIN.
 - 1.2 THE CONTRACTOR SHALL VERIFY EXISTING CONDITIONS TO ENSURE THAT THE NEW WORK SHALL FIT INTO THE EXISTING SITE IN THE MANNER INTENDED AND AS SHOWN ON THE DRAWINGS. SHOULD ANY CONDITIONS EXIST THAT ARE CONTRARY TO THOSE ON THE DRAWINGS, THE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE PRIOR TO PERFORMING ANY WORK IN THE AREA INVOLVING DISCREPANCIES. NOTIFICATION SHALL BE MADE IN THE FORM OF A DRAWING OR SKETCH INDICATING FIELD MEASUREMENTS AND NOTES RELATING TO THE AREA.
 - 1.3 ALL WORK SHALL MEET OR EXCEED THE REQUIREMENTS OF ALL APPLICABLE FEDERAL, STATE, AND LOCAL LAWS, ORDINANCES AND REQUIREMENTS. THE CONTRACTOR SHALL OBTAIN ALL LICENSES AND PERMITS REQUIRED FOR THE PERFORMANCE OF HIS WORK.
 - 1.4 IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PERFORM ALL WORK IN A MANNER THAT PROTECTS COMPLETED WORK BY OTHERS, SUCH AS CURBS, UTILITIES, STORM DRAINAGE, FENCES, DRIVEWAY APRONS, DRIVES, VEGETATION, ETC. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COST OF SATISFACTORY REPAIR OF ALL DAMAGES IN KIND RESULTING FROM HIS/HER FAILURE TO COMPLY.
 - 1.5 THE CONTRACTOR IS TO VERIFY ALL QUANTITIES SHOWN ON THE PLAN. IF DISCREPANCIES OCCUR, THE CONTRACTOR SHALL CONTACT THE LANDSCAPE ARCHITECT IMMEDIATELY.
 - 1.6 THE CONTRACTOR SHALL GUARANTEE ALL LANDSCAPE IMPROVEMENTS, INCLUDING SEEDING, FOR ONE FULL YEAR AS REQUIRED BY THE SPECIFICATIONS. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL PLANT MAINTENANCE DURING THE GUARANTEE PERIOD.

CAUTION
THE UTILITIES SHOWN HEREON ARE FOR THE CONTRACTOR'S CONVENIENCE ONLY. THERE MAY BE OTHER UTILITIES NOT DEPICTED ON THESE PLANS. THE LANDSCAPE ARCHITECT AND ENGINEER ASSUMES NO RESPONSIBILITY FOR THE LOCATIONS SHOWN AND IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATIONS OF ALL UTILITIES WITHIN THE PROJECT LIMITS. ALL DAMAGE MADE TO THE EXISTING UTILITIES BY THE CONTRACTOR SHALL BE THE SOLE RESPONSIBILITY BY THE CONTRACTOR.



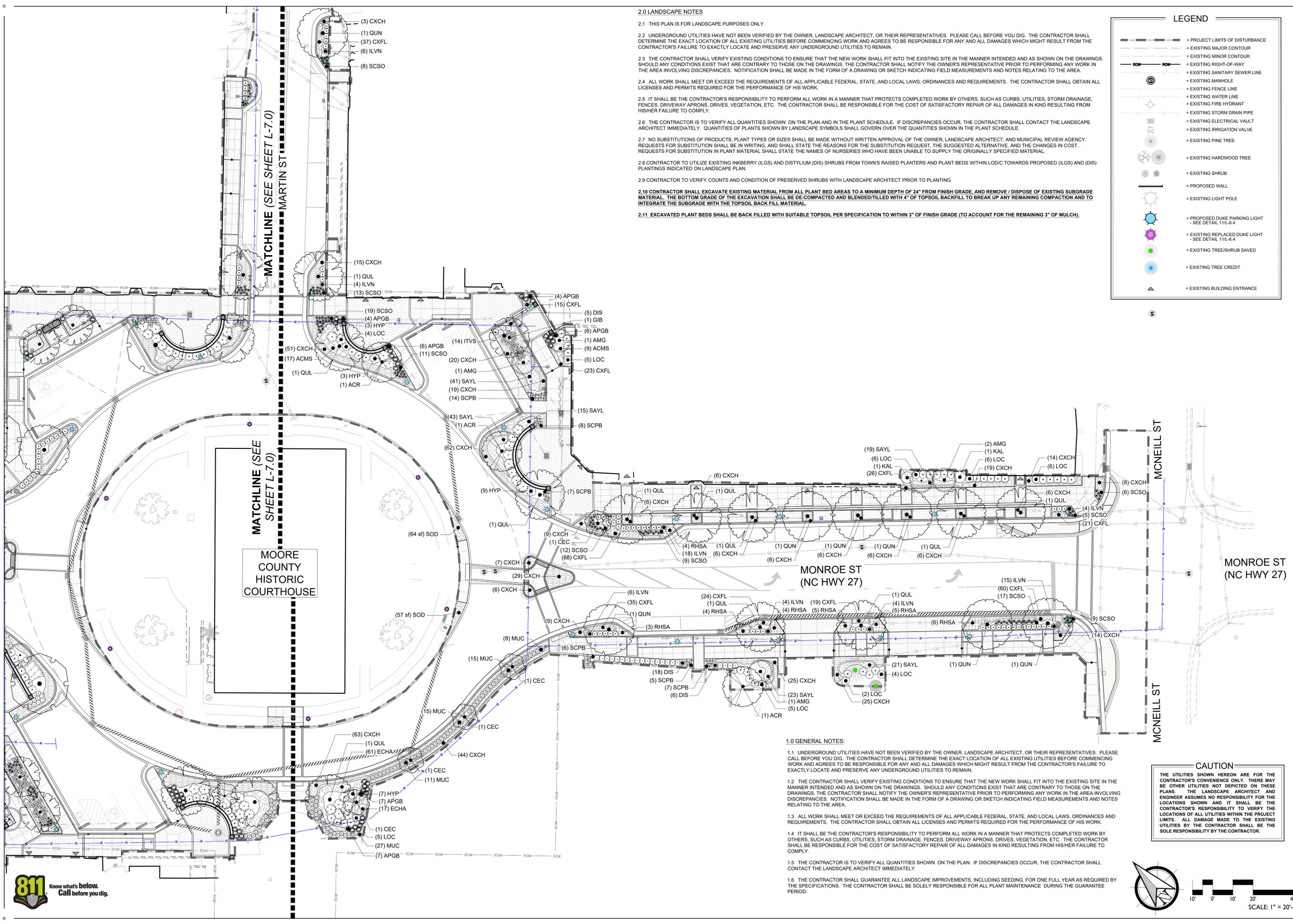
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REVISIONS:

CARTHAGE DOWNTOWN REVITALIZATION
CARTHAGE, NORTH CAROLINA
LANDSCAPE PLAN

DATE: 2024-02-06
DESIGNED BY: TWH
DRAWN BY: DWM
CHECKED BY: TWH
SCALE: 1" = 20'
PROJECT #: 250448
SHEET NUMBER: **L-7.1**



2.0 LANDSCAPE NOTES

- 2.1 THIS PLAN IS FOR LANDSCAPE PURPOSES ONLY.
- 2.2 UNDERGROUND UTILITIES HAVE NOT BEEN VERIFIED BY THE OWNER, LANDSCAPE ARCHITECT, OR THEIR REPRESENTATIVES. PLEASE CALL BEFORE YOU DIG. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK AND AGREES TO BE RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT RESULT FROM THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY UNDERGROUND UTILITIES TO REMAIN.
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- 2.4 ALL WORK SHALL MEET OR EXCEED THE REQUIREMENTS OF ALL APPLICABLE FEDERAL, STATE, AND LOCAL LAWS, ORDINANCES AND REQUIREMENTS. THE CONTRACTOR SHALL OBTAIN ALL LICENSES AND PERMITS REQUIRED FOR THE PERFORMANCE OF HIS WORK.
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- 2.6 THE CONTRACTOR IS TO VERIFY ALL QUANTITIES SHOWN ON THE PLAN AND IN THE PLANT SCHEDULE. IF DISCREPANCIES OCCUR, THE CONTRACTOR SHALL CONTACT THE LANDSCAPE ARCHITECT IMMEDIATELY. QUANTITIES OF PLANTS SHOWN BY LANDSCAPE SYMBOLS SHALL GOVERN OVER THE QUANTITIES SHOWN IN THE PLANT SCHEDULE.
- 2.7 NO SUBSTITUTIONS OF PRODUCTS, PLANT TYPES OR SIZES SHALL BE MADE WITHOUT WRITTEN APPROVAL OF THE OWNER, LANDSCAPE ARCHITECT, AND MUNICIPAL REVIEW AGENCY. REQUESTS FOR SUBSTITUTION SHALL BE IN WRITING, AND SHALL STATE THE REASONS FOR THE SUBSTITUTION REQUEST, THE SUGGESTED ALTERNATIVE, AND THE CHANGES IN COST. REQUESTS FOR SUBSTITUTION IN PLANT MATERIAL SHALL STATE THE NAMES OF NURSERIES WHO HAVE BEEN UNABLE TO SUPPLY THE ORIGINALLY SPECIFIED MATERIAL.
- 2.8 CONTRACTOR TO UTILIZE EXISTING INKBERRY (ILGS) AND DISTYLUM (DIS) SHRUBS FROM TOWN'S RAISED PLANTERS AND PLANT BEDS WITHIN LODIC TOWARDS PROPOSED (ILGS) AND (DIS) PLANTINGS INDICATED ON LANDSCAPE PLAN.
- 2.9 CONTRACTOR TO VERIFY COUNTS AND CONDITION OF PRESERVED SHRUBS WITH LANDSCAPE ARCHITECT PRIOR TO PLANTING.
- 2.10 CONTRACTOR SHALL EXCAVATE EXISTING MATERIAL FROM ALL PLANT BED AREAS TO A MINIMUM DEPTH OF 24" FROM FINISH GRADE, AND REMOVE / DISPOSE OF EXISTING SUBGRADE MATERIAL. THE BOTTOM GRADE OF THE EXCAVATION SHALL BE DE-COMPACTED AND BLENDED/TILLED WITH 4" OF TOPSOIL BACKFILL TO BREAK UP ANY REMAINING COMPACTION AND TO INTEGRATE THE SUBGRADE WITH THE TOPSOIL BACK FILL MATERIAL.
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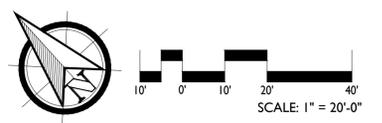
LEGEND

- = PROJECT LIMITS OF DISTURBANCE
- = EXISTING MAJOR CONTOUR
- = EXISTING MINOR CONTOUR
- = EXISTING RIGHT-OF-WAY
- = EXISTING SANITARY SEWER LINE
- = EXISTING MANHOLE
- = EXISTING FENCE LINE
- = EXISTING WATER LINE
- = EXISTING FIRE HYDRANT
- = EXISTING STORM DRAIN PIPE
- = EXISTING ELECTRICAL VAULT
- = EXISTING IRRIGATION VALVE
- = EXISTING PINE TREE
- = EXISTING HARDWOOD TREE
- = EXISTING SHRUB
- = PROPOSED WALL
- = EXISTING LIGHT POLE
- = PROPOSED DUKE PARKING LIGHT - SEE DETAIL 11L-6.4
- = EXISTING REPLACED DUKE LIGHT - SEE DETAIL 11L-6.4
- = EXISTING TREE/SHRUB SAVED
- = EXISTING TREE CREDIT
- = EXISTING BUILDING ENTRANCE

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REVISIONS:

CARTHAGE DOWNTOWN REVITALIZATION
 CARTHAGE, NORTH CAROLINA
 LANDSCAPE PLAN

DATE: 2024-02-06
 DESIGNED BY: TWH
 DRAWN BY: DVM
 CHECKED BY: TWH
 SCALE: 1" = 20'
 PROJECT #: 250448
 SHEET NUMBER:
L-7.2

PLANT SCHEDULE

SYMBOL	CODE	QTY	BOTANICAL / COMMON NAME	HEIGHT	SPREAD	CONT.	CAL.	NOTES
LARGE TREES								
	ACR	5	Acer rubrum 'October Glory'™ / October Glory Maple	10-12'	-	-	3" Min. Cal.	
	GIB	5	Ginkgo biloba / Maidenhair Tree	10-12'			3" Min. Cal.	Plant to be male / non-fruiting
	GYD	3	Gymnocladus dioica 'McKBranded' / Decal Kentucky Coffeetree	10-12'			3" Min. Cal.	
	QUL	21	Quercus lyrata 'QLFTB' / Highbeam® Overcup Oak	10-12'	-	-	3" Min. Cal.	Coordinate With Landscape Architect On Supplier
	QUN	11	Quercus nuttallii 'QNSTD' / Sangria® Nuttall Oak	10-12'			3" Min. Cal.	
SMALL TREES								
	AMG	11	Amelanchier x grandiflora 'Autumn Brilliance'® / Autumn Brilliance Serviceberry	8-10'			1 1/2 Min. Cal.	Tree Form Variety
	CEC	10	Cercis canadensis / Eastern Redbud	8-10'	-	-	1 1/2 Min. Cal.	Seedless / Sterile Variety
SYMBOL	CODE	QTY	BOTANICAL / COMMON NAME	HEIGHT	SPREAD	CONT.	SPACING	
SHRUBS								
	DIS	55	Distylium x 'Pillidist-V' / First Editions® Cinnamon Girl® Distylium	12"-24"			3 Gal.	CONTRACTOR TO UTILIZE EXISTING DIS IN TOWN'S PLANTERS TOWARDS TOTAL PLANT QTY
	HYP	47	Hydrangea paniculata 'Jane' / Little Lime® Panicle Hydrangea	24"-30"			5 Gal.	
	ILVN	151	Ilex vomitoria 'Nana' / Dwarf Yaupon Holly	24"-30"			3 Gal.	CONTRACTOR TO UTILIZE EXISTING ILS IN TOWN'S PLANTERS TOWARDS TOTAL PLANT QTY
	ITVS	69	Itea virginica 'Sprich' / Little Henry® Sweetspire	12"-24"			3 Gal.	
	KAL	2	Kalmia latifolia / Mountain Laurel	12"-24"			5 Gal.	
	LOC	77	Loropetalum chinense 'Hakuou' / Jazz Hands® Dwarf White Fringe Flower	24"-36"			7 GAL.	
	OSF	20	Osmanthus fragrans 'Fudingzhu' / Fudingzhu Fragrant Tea Olive	30"-36"	30-36"		5 Gal.	
GRASSES								
	APGB	89	Andropogon gerardii 'Blackhawks' / Blackhawks Big Bluestem	12-18"			1 Gal.	24" O.C.
	MUC	94	Muhlenbergia capillaris / Pink Muhly Grass	12-18"			1 Gal.	24" O.C.
	MUCW	71	Muhlenbergia capillaris 'White Cloud' / White Cloud Muhly Grass	12-18"			1 Gal.	24" O.C.
	SCPB	76	Schizachyrium scoparium 'Prairie Blues' / Prairie Blues Little Bluestem	12-18"			1 Gal.	18" O.C.
	SCSO	221	Schizachyrium scoparium 'Standing Ovation' / Standing Ovation Little Bluestem	12-18"			1 Gal.	18" O.C.
SYMBOL	CODE	QTY	BOTANICAL / COMMON NAME	HEIGHT	SPREAD	CONTAINER	SPACING	
GROUND COVERS								
	RHSA	73	Rhus aromatica 'Gro-Low' / Gro-Low Fragrant Sumac	12-18"			1 Gal.	36" O.C.
GRASS MASSING								
	CXCH	943	Carex cherokeensis / Cherokee Sedge	8-12"			1 Gal.	24" O.C.
	CXFL	1,011	Carex flacca 'Blue Zinger' / Blue Zinger Sedge	6-8"			1 Gal.	12" O.C.
PERENNIAL								
	ACMS	61	Achillea millefolium 'Saucy Seduction' / Saucy Seduction Yarrow	12-18"			1 Gal.	24" O.C.
	ECHA	169	Echinacea x hybrida 'Artisan Yellow Ombre' / Yellow Ombre Echinacea	18"-24"			1 Gal.	18" O.C.
	SAYL	268	Salvia yangii 'Little Spire' / Russian Sage	12-18"			1 Gal.	18" O.C.
SEED/SOD								
	SOD	311 sf	Cynodon dactylon / Bermuda Grass	-	-	-		

2.0 LANDSCAPE NOTES:

2.1 SOIL AMENDMENTS SHALL BE APPLIED ANNUALLY ACCORDING TO THE FOLLOWING CHART:

SOIL AMENDMENTS	RATE	SIZE OR SQ. FT.
10-6-4 FERTILIZER	10 LBS	1,000 SQ. FT.
SHRUBS		
SOIL AMENDMENTS	RATE	SIZE OR SQ. FT.
10-6-4 FERTILIZER	5 LBS	1,000 SQ. FT.
PERENNIALS & GROUNDCOVERS		
SOIL AMENDMENTS	RATE	SIZE OR SQ. FT.
14-14-14 FERTILIZER	3 LBS	1,000 SQ. FT.
COMPOST	3 YDS	1,000 SQ. FT.
SEASONAL COLOR - ANNUAL BED PREPARATION		
SOIL AMENDMENTS	RATE	SIZE OR SQ. FT.
14-14-14 FERTILIZER	3 LBS	1,000 SQ. FT.
COMPOST	1.5 YDS	1,000 SQ. FT.
CONTAINERS AND/OR POTS		
SOIL AMENDMENTS	RATE	SIZE OR SQ. FT.
14-14-14 FERTILIZER	3 LBS	1,000 SQ. FT.

2.2 ALL PLANTS, EXCEPT SPECIFICALLY NOTED SPECIES, WILL BE NURSERY GROWN. THEY SHALL BE TYPICAL OF THEIR SPECIES CULTIVAR OR VARIETY. THEY SHALL BE SOUND, HEALTHY, AND VIGOROUS, AND SHALL BE FREE OF DISEASE AND ANY EVIDENCE OF INSECTS. IF IN LEAF, THEY SHALL BE DENSELY FOLIATED, WITHOUT LEAF SPOTS, DISCOLORATION, CURL, WILTING, CHLOROSIS OR DAMAGE. THEY SHALL HAVE HEALTHY, WELL-DEVELOPED ROOT SYSTEMS. UNLESS SPECIFIED IN THE PLANT SCHEDULE, TREES WITH BROKEN, CROOKED OR MULTIPLE LEADERS WILL NOT BE ACCEPTED. TREES WILL BE REJECTED IF THEY HAVE BARK ABRASIONS, SUN SCALD DAMAGE, DISFIGURING KNOTS OR PRUNING CUTS MORE THAN 1-1/4 INCHES IN DIAMETER WHICH HAVE NOT COMPLETELY GROWN OVER.

2.3 BALLED AND BURLAPPED PLANTS SHALL BE DUG WITH FIRM NATURAL BALLS OF EARTH, OF DIAMETER AND DEPTH TO INCLUDE MOST OF THE FIBROUS ROOTS, AND MEET THE MINIMUM AMERICAN ASSOCIATION OF NURSERYMEN STANDARDS, LATEST EDITION. ROOT BALLS OF PLANTS SHALL BE ADEQUATELY PROTECTED AT ALL TIMES FROM SUN AND DRYING WINDS, OR FROST.

2.4 ROOTBALL MASS WHICH IS LOOSE WITHIN CONTAINER, OR WHICH IS SMALLER THAN THE CONTAINER WHEN REMOVED, SHALL BE REJECTED. PEAT OR FIBER POTTED PLANTS SHALL BE ROOTED THROUGH ALL SIDES AND BOTTOM OF POTS.

2.5 SHOOTS AND RHIZOMES SHALL EXHIBIT TURGOR AND SHOOTS SHALL BE LIGHTLY COLORED. BODIES OF TUBERS AND BULBS SHALL BE RIGID TO THE TOUCH. PROPAGAGES WHOSE SHOOTS AND BODIES ARE SOFT OR MUSHY TO THE TOUCH, OR WHOSE SHOOTS LACK TURGOR OR ARE DARK COLORED SHALL BE REJECTED.

2.6 CALIPER SHALL BE MEASURED AT SIX (6") INCHES ABOVE THE ROOTBALL. HEIGHT SHALL BE MEASURED FROM THE CROWN OF THE ROOT BALL TO THE TOP OF MATURE GROWTH. SPREAD SHALL BE MEASURED TO THE END OF THE BRANCHING EQUALLY AROUND THE CROWN FROM THE CENTER OF THE TRUNK. MEASUREMENTS ARE NOT TO INCLUDE ANY TERMINAL GROWTH. SINGLE TRUNK TREES SHALL BE FREE OF "V" CROTCHES THAT COULD BE POINT OF WEAK LIMB STRUCTURE OR DISEASE INFESTATION. WHERE TREES ARE PLANTED IN ROWS, THEY SHALL BE UNIFORM IN SIZE AND SHAPE.

2.7 HEIGHT SHALL BE MEASURED FROM THE GROUND TO THE AVERAGE HEIGHT OF THE TOP OF THE PLANT. SPREAD SHALL BE MEASURED TO THE END OF BRANCHING EQUALLY AROUND THE SHRUB MASS. MEASUREMENTS ARE NOT TO INCLUDE ANY TERMINAL GROWTH.

2.8 SIZES SPECIFIED IN THE PLANT LIST ARE MINIMUM SIZES TO WHICH PLANTS ARE TO BE JUDGED.

2.9 THE SUPPLIER OF ALL PLANTS SHALL CERTIFY THAT THE ORIGIN OF THE PLANT IS FROM HARDINESS ZONES 6 OR 7, FROM THE EASTERN OR CENTRAL PORTIONS OF THE UNITED STATES, PRIOR TO PLANTING UNLESS AGREED TO OTHERWISE WITH THE LANDSCAPE ARCHITECT.

2.10 FINE GROUND, TRIPLE-SHREDDED AGED HARDWOOD MULCH, SUCH AS NATURE'S HELPER OR APPROVED EQUAL, IS TO BE USED FOR ALL PLANT BEDS.

2.11 PRIOR TO PLANTING, ANY TOPSOIL TO BE SPREAD SHALL BE TESTED BY AN APPROVED SOIL TESTING LABORATORY OR AGRICULTURAL EXTENSION SERVICE. TESTS SHALL INCLUDE MECHANICAL AND CHEMICAL ANALYSIS. A SOILS REPORT SHALL INCLUDE RECOMMENDATIONS FOR THE ADDITION OF FERTILIZER AND ADJUSTMENTS TO PH, OR OTHER AMENDMENTS AND INDICATE THE AMOUNT OF ORGANIC MATTER. A WRITTEN REVIEW OF SAID ANALYSIS AND RECOMMENDATIONS IS REQUIRED TO BE SUBMITTED TO THE LANDSCAPE ARCHITECT AND OWNER 15 DAYS PRIOR TO INSTALLATION.

2.12 ACCEPTABLE TOPSOIL SHALL BE A FERTILE, FRIABLE NATURAL LOAM, UNIFORM IN COMPOSITION, FREE OF STONES, LIMBS, PLANTS AND THEIR ROOTS, AND OTHER EXTRANEANOUS MATTER OVER 1" INCH IN DIAMETER. THE SOIL SHALL BE CAPABLE OF SUSTAINED PLANT GROWTH AND HAVE A 5% MINIMUM ORGANIC CONTENT. IN SITUATIONS WHICH REQUIRE A CUSTOM TOPSOIL OR STRUCTURAL SOIL, THE SOIL MIXTURE SPECIFICATION WILL BE PROVIDED BY THE LANDSCAPE ARCHITECT.

2.13 IF ADDITIONAL ORGANIC MATERIAL IS REQUIRED, COMPOST, LEAF MOLD, ECOLOGY - A LOW PH COMPOSED SEWAGE SLUDGE PRODUCT, OR OTHER APPROVED ORGANIC MATERIAL SHALL BE THOROUGHLY DISCED INTO THE TOPSOIL AREA.

3.0 INSTALLATION:

3.1 PRIOR TO PLANTING, THE CONTRACTOR SHALL VERIFY THAT CONSTRUCTED GRADES ARE AS INDICATED ON THE PLANS. THE CONTRACTOR SHALL NOTIFY THE OWNER OR LANDSCAPE ARCHITECT IF ADJUSTMENTS TO PLANT PLACEMENT MAY BE REQUIRED DUE TO FIELD CONDITIONS AND FINAL GRADING.

3.2 PRIOR TO PLANTING, THE CONTRACTOR SHALL LAY OUT THE EXTEND OF THE PLANT BEDS AND THE PROPOSED LOCATIONS FOR B&B PLANTS FOR REVIEW BY OWNER AND/OR LANDSCAPE ARCHITECT.

3.3 THE CONTRACTOR IS TO SLIGHTLY ADJUST PLANT LOCATIONS IN THE FIELD AS NECESSARY TO BE CLEAR OF DRAINAGE SWALES AND UTILITIES. FINISHED PLANTING BEDS SHALL BE GRADED SO AS NOT TO IMPEDE DRAINAGE AWAY FROM BUILDINGS.

3.4 IN AREAS INDICATED ON THE SOIL AMENDMENTS PLAN (SHEET L-7.0) AS "SOIL REPLACEMENT MIX," CONTRACTOR SHALL EXCAVATE EXISTING MATERIAL FROM ALL PLANT BED AREAS TO A MINIMUM DEPTH OF 24", AND REMOVE / DISPOSE OF UNSUITABLE EXISTING SUBGRADE MATERIAL. THE BOTTOM GRADE OF THE EXCAVATION SHALL BE DE-COMPACTED AND BLENDED/TILLED TO A DEPTH OF 8" WITH 4" OF TOPSOIL BACKFILL TO BREAK UP ANY REMAINING COMPACTION AND TO INTEGRATE THE SUBGRADE WITH THE TOPSOIL BACK FILL MATERIAL. EXCAVATED PLANT BEDS SHALL BE BACK FILLED WITH SUITABLE TOPSOIL PER SPECIFICATION TO WITHIN 3" OF FINISH GRADE (TO ACCOUNT FOR THE REMAINING 3" OF MULCH).

3.5 IN AREAS INDICATED ON THE SOIL AMENDMENTS PLAN (SHEET L-7.0) AS "SOIL AMENDMENT MIX," CONTRACTOR SHALL EXCAVATE EXISTING MATERIAL FROM ALL PLANT BED AREAS TO A DEPTH OF 3", AND REMOVE / DISPOSE OF UNSUITABLE EXISTING SUBGRADE MATERIAL. THE BOTTOM GRADE OF THE EXCAVATION SHALL BE DE-COMPACTED AND BLENDED/TILLED TO A DEPTH OF 6" WITH 3" OF TOPSOIL BACKFILL TO BREAK UP ANY REMAINING COMPACTION AND TO INTEGRATE THE SUBGRADE WITH THE TOPSOIL BACK FILL MATERIAL.

3.6 PLANTING HOLES FOR CONTAINER GROWN POTS SHALL BE ONE FOOT (1') DEEP, PLUS THE CONTAINER DEPTH IN WHICH THE PLANT HAS BEEN GROWN AND TWO FEET (2') WIDER THAN THE CONTAINER.

3.7 WHEN PLANTING HOLES FOR B&B PLANTS, THE CROWN OF THE ROOTBALL SHALL BE HIGHER AFTER SETTLING THAN THE ADJACENT SOIL. THE PLANTING HOLE SHALL BE EXCAVATED ONE FOOT (1') DEEP, PLUS THE ROOTBALL DEPTH AND TWO FEET (2') WIDER THAN THE ROOTBALL.

3.8 BACKFILL THE PLANTING HOLES WITH IN-SITU SOIL MATERIAL REMOVED FOR PLANTING AFTER REMOVING ALL STONES, ROOTS AND OTHER DEBRIS GREATER THAN 1-1/2" IN DIAMETER. A MYCORRHIZAL INNOCULANT SHALL BE ADDED TO THE BACKFILL PER THE MANUFACTURER'S INSTRUCTIONS. FOLLOWING THE BACKFILLING, WATER TO THE POINT OF SOIL SATURATION AND TAMP TO COMPACT BACKFILL MIXTURE. ADD EXISTING SOIL TO BRING THE FINAL GRADE IN THE PLANTING HOLE TO THE SURROUNDING SOIL SURFACE. RAKE THE UNUSED EXISTING SOIL OUTSIDE THE PLANTING HOLES, TAKING CARE NOT TO MOUND THE SOIL OR TO SIGNIFICANTLY ALTER THE EXISTING GRADES AND THEN PLACE MULCH ATOP ENTIRE PLANTING HOLE. (SEE APPLICABLE PLANTING DETAILS FOR THICKNESS) THE PLANTING HOLE AREAS MUST NOT BE DEPRESSED BELOW THE SURROUNDING SOIL SURFACE ELEVATIONS.

3.9 ALL PLANTS SHALL BE WATERED IMMEDIATELY AFTER PLANTING UNTIL THE SOIL IS SATURATED. PLANTS SHALL BE WATERED A MINIMUM OF EVERY TWO WEEKS, SHOULD THE SOILS DRY, UNTIL ACCEPTANCE BY THE OWNER. DURING DRY CONDITIONS, WATER AS REQUIRED TO MAINTAIN PLANTS IN A WILT FREE CONDITION.

3.10 ALL CONTRACTORS SHALL BE REQUIRED TO COMPLETELY REMOVE ALL TRASH, DEBRIS, AND EXCESS MATERIALS FROM THE WORK AREA AND THE PROPERTY (ESPECIALLY AT ALL CURB, GUTTERS, AND SIDEWALKS) DAILY DURING INSTALLATION.

3.11 ALL DISTURBED, NON-VEGETATED SLOPES SHALL BE PLANTED WITH AN ANNUAL RYE GRASS OR AN APPROVED EQUAL BEFORE INSTALLATION AT THE RECOMMENDED RATE TO STABILIZE AREA, OR OTHER EQUIVALENT EROSION CONTROL MEASURES.

3.0 INSTALLATION CONTINUED:

3.12 LARGE GROWN PLANTS ARE NOT TO BE PLANTED IN FRONT OF WINDOWS, UNDER BUILDING OVERHANGS, OR IN DRAINAGE SWALES, EXCLUDING ALL PLANTS LOCATED IN THE STORM-WATER BIO-MANAGEMENT PONDS TO THE SOUTH AND SOUTHWEST OF THE PARKING AND THE LOW AREA TO THE EAST OF SERVICE YARD. THESE PLANTS HAVE BEEN SPECIFIED TO BE BOTH DROUGHT AND INUNDATION TOLERANT. SHRUBS PLANTED NEAR H.V.A.C. UNITS TO BE LOCATED SO THAT SHRUBS AT MATURITY WILL MAINTAIN ONE (1') FOOT AIRSPACE BETWEEN UNIT AND PLANT. ANY PLANTING WHICH IS SHOWN ADJACENT TO CONDENSOR UNITS SHALL BE PLANTED AS REQUIRED TO SCREEN THE UNITS. SHOULD THE CONDENSOR UNITS BE INSTALLED IN LOCATIONS DIFFERENT FROM THOSE DEPICTED ON THE PLANS, WILL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE LANDSCAPE ARCHITECT AND INSTALL THE MATERIALS AROUND THE CONDENSOR UNITS AND TO ADJUST OTHER ADJACENT PLANTINGS ACCORDINGLY.

3.13 TREE STAKING AND GUYING SHALL BE COMPLETED PER DETAILS IN THIS SET OF LANDSCAPE PLANS. THE CONTRACTOR SHALL ENSURE THAT TREES REMAIN VERTICAL AND UPRIGHT FOR THE DURATION OF THE GUARANTEE PERIOD.

3.14 BURLAP, TAGS, AND TWINE SHALL BE REMOVED AND BURLAP IS TO BE ROLLED BACK ONE-THIRD ON ALL B&B PLANT MATERIAL. ANY SYNTHETIC BURLAP SHALL BE COMPLETELY REMOVED FROM PLANT MATERIAL.

3.15 SHRUBS, BULBS, AND GROUNDCOVERS SHALL BE TRIANGULARLY SPACED AT SPACING SHOWN ON PLANTING PLANS AND IN APPLICABLE PLANTING DETAILS.

3.16 THE AMERICAN WITH DISABILITIES ACT (ADA) STANDARDS REQUIRE THAT A SEVEN (7) FOOT VERTICAL CLEARANCE BE MAINTAINED FROM TREE BRANCHES TO FINISHED GRADE WHERE PEDESTRIAN SIDEWALKS AND/OR TRAILS ARE LOCATED. THE CONTRACTOR IS TO ADJUST TREE PLANTINGS IN THE FIELD SLIGHTLY TO MINIMIZE BRANCH OVERHANG.

3.17 SHRUBS, GROUNDCOVERS, AND PERENNIALS PLANTED ON SLOPES GREATER THAN 3:1 SHALL HAVE A NATURAL FIBER GEO-TEXTILE WOVEN MESH MATERIAL PINNED TO GROUND PER MANUFACTURER'S SPECIFICATIONS. GROUND COVER BEDS SHALL HAVE TWO (2") INCHES OF GROUND LEAF COMPOST SPREAD ONTO SLOPE PRIOR TO PLACING MESH. EXCAVATE PLANT PITS THROUGH MESH.

3.18 ALL TREE PITS, SHRUB BEDS AND PREPARED PLANTING BEDS ARE TO BE COMPLETELY EXCAVATED IN ACCORDANCE WITH THE PLANTING DETAILS IN THIS SET OF LANDSCAPE PLANS.

3.19 THE CONTRACTOR MUST CONTACT THE OWNER AT LEAST 10 WORKING DAYS IN ADVANCE TO SCHEDULE ACCEPTANCE INSPECTION(S). THE CONTRACT MUST REPLACE ALL DEAD OR UNACCEPTABLE PLANTS AND PLANT ANY MISSING PLANTS DURING THE FOLLOWING RECOMMENDED PLANTING SEASONS.

3.20 GROUPS OF SHRUBS, PERENNIALS, GROUNDCOVERS SHALL BE PLACED IN A CONTINUOUS MULCH BED WITH SMOOTH CONTINUOUS LINE. ALL MULCHED BED EDGES SHALL BE CURVILINEAR IN SHAPE FOLLOWING THE CONTOUR OF THE PLANT MASS. TREES LOCATED WITHIN FOUR (4) FEET OF PLANT BEDS SHALL SHARE THE SAME MULCH BED.

3.21 TREES SHALL BE LOCATED A MINIMUM OF THREE (3') FEET OR FOUR (4) FEET FROM WALLS AND WALKS WITHIN THE PROJECT. IF CONFLICTS ARISE BETWEEN ACTUAL SIZE OF AREA AND PLANS, THE CONTRACTOR SHALL CONTACT THE LANDSCAPE ARCHITECT FOR RESOLUTION. FAILURE TO MAKE SUCH CONFLICTS KNOWN TO THE LANDSCAPE ARCHITECT AND/OR OWNER WILL RESULT IN CONTRACTOR'S LIABILITY TO RELOCATE MATERIALS.

3.22 TURF GRASS SOD TO BE INSTALLED OVER A MINIMUM 6" LAYER OF TOPSOIL. LAY SOD PARALLEL TO FINISHED CONTOURS; STAGGER SOD END SEAMS SO ADJACENT SEAMS ARE NOT ALIGNED; TIGHTLY ABUT ALL SEAMS TOGETHER; ANCHOR SOD WITH STAKES OR STAPLES ON SLOPES 3:1 OR GREATER. ROLL ALL SOD AREAS AFTER INSTALLATION; AND COMMENCE WATERING INSTALLED SOD UNTIL IRRIGATION IS OPERATIONAL.

3.23 THE CONTRACTOR SHALL BE RESPONSIBLE TO REGRADE, HYDROSEED, STRAW MULCH, AND TACK ALL EXISTING LAWN AREAS DISTURBED AS A RESULT OF HIS/HER WORK.

4.0 TREE PROTECTION:

4.1 THE CONTRACTOR SHALL BE RESPONSIBLE FOR PREVENTING DAMAGE TO EXISTING TREES LOCATED ALONG ACCESS AND HAUL ROADS, AND ADJACENT TO, OR WITHIN BUILDING CONSTRUCTION SITES AND MATERIAL AND EQUIPMENT STORAGE AREAS. THOSE TREES TO BE SAVED SHALL BE FLAGGED BY THE LANDSCAPE ARCHITECT PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.

4.2 CONTRACTOR SHALL PROVIDE NECESSARY BARRICADES AND FENCING SO AS TO DIVERT AND DIRECT VEHICULAR AND PEDESTRIAN TRAFFIC AWAY FROM TREES. THE BARRICADES AND FENCING TYPE SHALL BE AS SHOWN ON THE CIVIL CONSTRUCTION DOCUMENTS.

4.3 MATERIALS SHALL NOT BE STORED, NOR VEHICLES PARKED WITHIN THE DRIP-LINE OF THE TREE UNLESS AUTHORIZED BY LANDSCAPE ARCHITECT OR OWNER.

4.4 VEHICLES AND EQUIPMENT SHALL NOT BE DRIVEN OVER EXPOSED ROOTS AND ROADS SHALL NOT BE LOCATED WITHIN THE DRIP-LINE OF TREES UNLESS APPROVAL IS OBTAINED FROM THE LANDSCAPE ARCHITECT.

4.5 ALL TREES INTENDED TO BE SAVED WHICH HAVE BEEN DAMAGED DUE TO CONSTRUCTION PRACTICES, SHALL BE INSPECTED AND TREATED BY A CERTIFIED ARBORIST, OR REPLACED AT THE CONTRACTOR'S EXPENSE.

4.6 NO CUTTING OR FILLING OF EXISTING GRADE, TRENCHING OR PRUNING SHALL OCCUR UNLESS SPECIFICALLY DIRECTED BY THE CONSTRUCTION DOCUMENTS, OR WITH WRITTEN CONSENT BY THE LANDSCAPE ARCHITECT AND OWNER.

4.7 NO BURNING OF TRASH IS ALLOWED WITHIN 75' OF EXISTING TREES AND CARE SHALL BE TAKEN TO PREVENT ANY SMOKE DAMAGE TO TREES.

5.0 ACCEPTANCE:

5.1 FOLLOWING A MINIMUM THIRTY-DAY MAINTENANCE PERIOD AFTER THE COMPLETION OF ALL PLANTING INSTALLATIONS, THE CONTRACTOR SHALL REQUEST THE LANDSCAPE ARCHITECT IN WRITING FOR A FORMAL INSPECTION OF THE PLANTING WORK.

5.2 IF PLANT MATERIALS AND WORKMANSHIP ARE ACCEPTABLE, WRITTEN NOTICE WILL BE GIVEN BY THE LANDSCAPE ARCHITECT TO THE CONTRACTOR STATING THAT THE WORK HAS RECEIVED PROVISIONAL ACCEPTANCE, SUBJECT TO MAINTENANCE REQUIREMENTS NOTED HEREIN, AND THAT THE GUARANTEE PERIOD HAS COMMENCED FROM THE DATE OF PROVISIONAL ACCEPTANCE.

5.3 IF A NUMBER OF PLANTS ARE SICKLY OR DEAD AT THE TIME OF INSPECTION, OR IF IN THE LANDSCAPE ARCHITECT'S OPINION, WORKMANSHIP IS UNACCEPTABLE, WRITTEN NOTICE WILL BE GIVEN BY THE LANDSCAPE ARCHITECT TO THE CONTRACTOR IN THE FORM OF A PUNCH LIST, WHICH ITEMIZES NECESSARY PLANTING REPLACEMENTS AND/OR OTHER DEFICIENCIES TO BE REMEDIED. THE CONTRACTOR'S RESPONSIBILITY FOR MAINTENANCE OF ALL PLANTS SHALL BE EXTENDED UNTIL REPLACEMENTS ARE MADE OR OTHER DEFICIENCIES ARE CORRECTED. ALL DEAD AND UNSATISFACTORY PLANTS SHALL BE REMOVED PROMPTLY FROM THE PROJECT. REPLACEMENTS SHALL CONFORM IN ALL RESPECTS TO THE SPECIFICATIONS FOR NEW PLANTS AND SHALL BE PLANTED IN THE SAME MANNER.

5.4 ACCEPTANCE OF THE PLANTING WORK SHALL BE ESTABLISHED BY THE LANDSCAPE ARCHITECT IN WRITING, FOLLOWING THE COMPLETION OF ALL MAINTENANCE WORK REQUIREMENTS AS SPECIFIED HEREIN, AND FOLLOWING THE CORRECTION OF ALL PUNCH LIST DEFICIENCIES BY THE CONTRACTOR.

6.0 GUARANTEE:

6.1 PLANTS SHALL BE GUARANTEED FOR A PERIOD OF ONE FULL YEAR (1 YR) AFTER WRITTEN NOTIFICATION OF ACCEPTANCE AND SHALL BE ALIVE AND IN SATISFACTORY GROWTH AT THE END OF THE GUARANTEE PERIOD. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL PLANT MAINTENANCE DURING THE GUARANTEE PERIOD.

6.2 AT THE END OF THE GUARANTEE PERIOD, A FINAL INSPECTION WILL BE HELD TO DETERMINE WHETHER ANY PLANT MATERIAL REPLACEMENTS ARE REQUIRED. EACH PLANT SHALL SHOW AT LEAST 75% HEALTHY GROWTH AND SHALL HAVE THE NATURAL CHARACTER OF ITS SPECIES AS DETERMINED BY THE LANDSCAPE ARCHITECT. PLANTS FOUND UNACCEPTABLE SHALL BE REMOVED PROMPTLY FROM THE SITE AND REPLACED DURING THE NORMAL PLANTING SEASON, UNTIL THE PLANTS LIVE THROUGH ONE YEAR. A FINAL INSPECTION FOR ACCEPTANCE WILL BE MADE AFTER THE REPLACEMENT PLANTINGS HAVE LIVED THROUGH ONE FULL YEAR (1YR).

6.3 ALL REPLACEMENTS SHALL BE PLANTS OF THE SAME KIND AND SIZE SPECIFIED IN THE PLANT LIST. THE COST SHALL BE BORNE BY THE CONTRACTOR, EXCEPT FOR POSSIBLE REPLACEMENTS DUE TO VANDALISM OR NEGLIGENCE ON THE PART OF OTHERS.

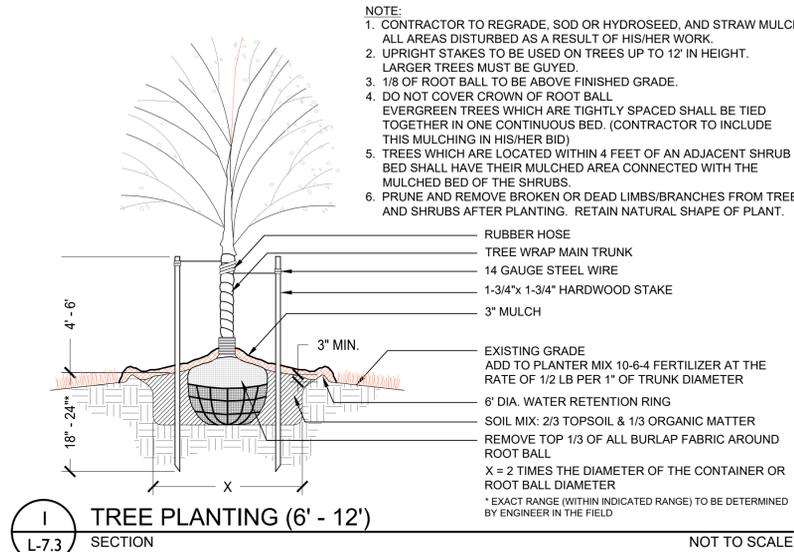


REVISIONS:

CARTHAGE DOWNTOWN REVITALIZATION
 CARTHAGE, NORTH CAROLINA
LANDSCAPE SCHEDULE & NOTES

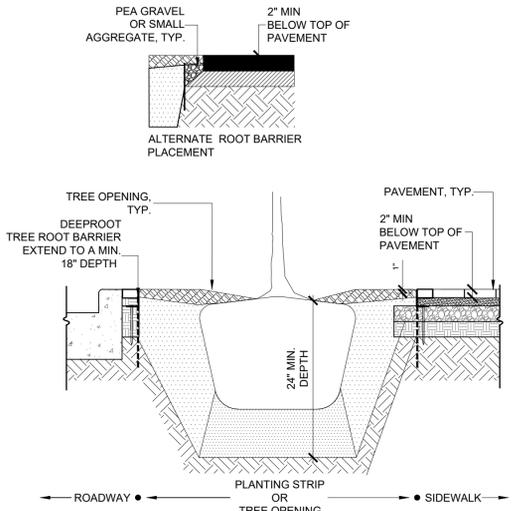
DATE: 2024-02-06
 DESIGNED BY: TWH
 DRAWN BY: DVM
 CHECKED BY: TWH
 SCALE: AS SHOWN
 PROJECT #: 250448
 SHEET NUMBER #: **L-7.3**





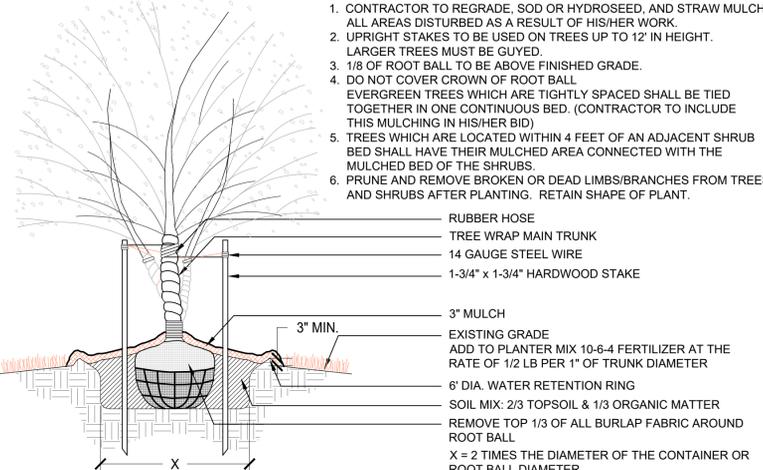
- NOTE:**
- CONTRACTOR TO REGRADE, SOD OR HYDROSEED, AND STRAW MULCH ALL AREAS DISTURBED AS A RESULT OF HIS/HER WORK.
 - UPRIGHT STAKES TO BE USED ON TREES UP TO 12' IN HEIGHT. LARGER TREES MUST BE GUYED.
 - 1/8 OF ROOT BALL TO BE ABOVE FINISHED GRADE.
 - DO NOT COVER CROWN OF ROOT BALL.
 - EVERGREEN TREES WHICH ARE TIGHTLY SPACED SHALL BE TIED TOGETHER IN ONE CONTINUOUS BED. (CONTRACTOR TO INCLUDE THIS MULCHING IN HIS/HER BID)
 - TREES WHICH ARE LOCATED WITHIN 4 FEET OF AN ADJACENT SHRUB BED SHALL HAVE THEIR MULCHED AREA CONNECTED WITH THE MULCHED BED OF THE SHRUBS.
 - PRUNE AND REMOVE BROKEN OR DEAD LIMBS/BRANCHES FROM TREES AND SHRUBS AFTER PLANTING. RETAIN NATURAL SHAPE OF PLANT.

1 TREE PLANTING (6' - 12')
SECTION NOT TO SCALE



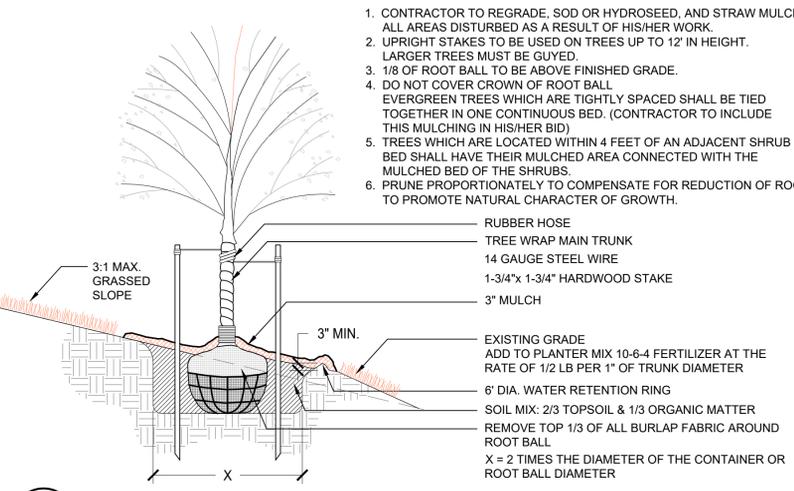
- DEEPROOT ROOT BARRIER FEATURES**
- 90-degree ribs direct roots downward and away from hardscapes.
 - Tool-free assembly using sliding zipper joiner panels to achieve the desired length.
 - Patented double-top edge improves strength, safety, and appearance while preventing root overgrowth.
 - UV inhibitors protect against sun damage.
 - Rounded edges allow for safe and easy handling.
- DEEPROOT ROOT BARRIER MATERIALS**
- Constructed from high-quality, 90% post-industrial recycled, injection-molded co-polymer polypropylene.
 - Manufactured in ISO 9001-certified facilities.
- Made in the USA

2 DEEPROOT TREE ROOT BARRIER - UB 18-2
NOT TO SCALE



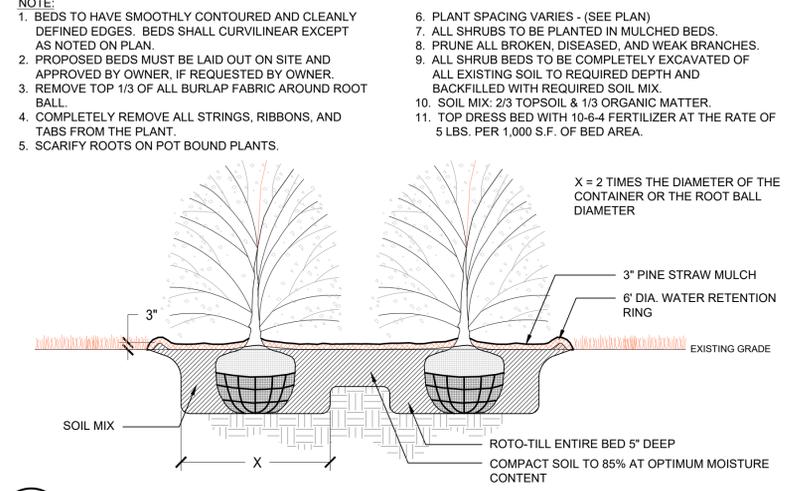
- NOTE:**
- CONTRACTOR TO REGRADE, SOD OR HYDROSEED, AND STRAW MULCH ALL AREAS DISTURBED AS A RESULT OF HIS/HER WORK.
 - UPRIGHT STAKES TO BE USED ON TREES UP TO 12' IN HEIGHT. LARGER TREES MUST BE GUYED.
 - 1/8 OF ROOT BALL TO BE ABOVE FINISHED GRADE.
 - DO NOT COVER CROWN OF ROOT BALL.
 - EVERGREEN TREES WHICH ARE TIGHTLY SPACED SHALL BE TIED TOGETHER IN ONE CONTINUOUS BED. (CONTRACTOR TO INCLUDE THIS MULCHING IN HIS/HER BID)
 - TREES WHICH ARE LOCATED WITHIN 4 FEET OF AN ADJACENT SHRUB BED SHALL HAVE THEIR MULCHED AREA CONNECTED WITH THE MULCHED BED OF THE SHRUBS.
 - PRUNE AND REMOVE BROKEN OR DEAD LIMBS/BRANCHES FROM TREES AND SHRUBS AFTER PLANTING. RETAIN SHAPE OF PLANT.

3 MULTI-TRUNK TREE PLANTING
SECTION NOT TO SCALE



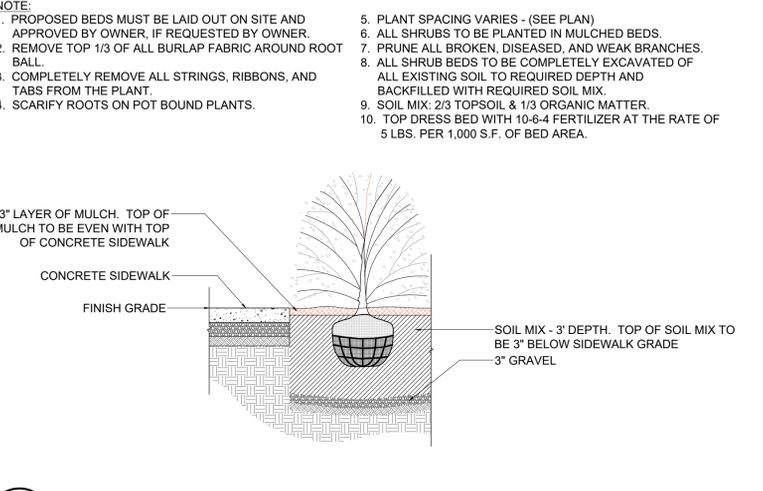
- NOTE:**
- CONTRACTOR TO REGRADE, SOD OR HYDROSEED, AND STRAW MULCH ALL AREAS DISTURBED AS A RESULT OF HIS/HER WORK.
 - UPRIGHT STAKES TO BE USED ON TREES UP TO 12' IN HEIGHT. LARGER TREES MUST BE GUYED.
 - 1/8 OF ROOT BALL TO BE ABOVE FINISHED GRADE.
 - DO NOT COVER CROWN OF ROOT BALL.
 - EVERGREEN TREES WHICH ARE TIGHTLY SPACED SHALL BE TIED TOGETHER IN ONE CONTINUOUS BED. (CONTRACTOR TO INCLUDE THIS MULCHING IN HIS/HER BID)
 - TREES WHICH ARE LOCATED WITHIN 4 FEET OF AN ADJACENT SHRUB BED SHALL HAVE THEIR MULCHED AREA CONNECTED WITH THE MULCHED BED OF THE SHRUBS.
 - PRUNE PROPORTIONATELY TO COMPENSATE FOR REDUCTION OF ROOTS TO PROMOTE NATURAL CHARACTER OF GROWTH.

4 TREE PLANTING ON A SLOPE
SECTION NOT TO SCALE



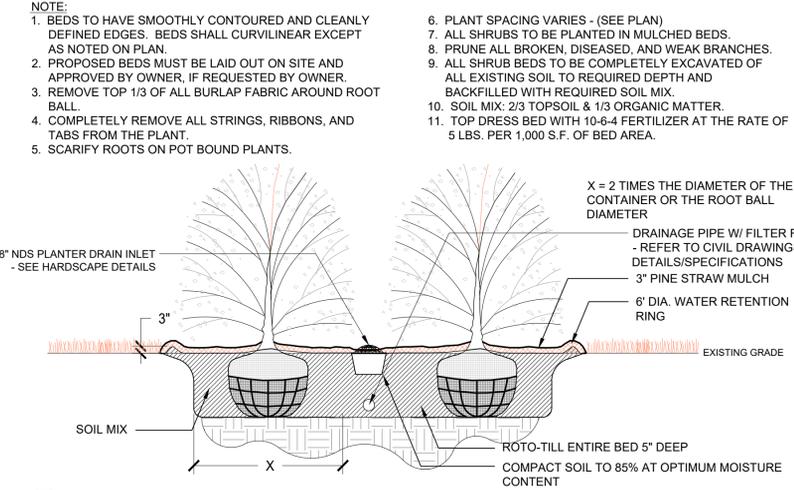
- NOTE:**
- BEDS TO HAVE SMOOTHLY CONTOURED AND CLEANLY DEFINED EDGES. BEDS SHALL CURVILINEAR EXCEPT AS NOTED ON PLAN.
 - PROPOSED BEDS MUST BE LAID OUT ON SITE AND APPROVED BY OWNER, IF REQUESTED BY OWNER.
 - REMOVE TOP 1/3 OF ALL BURLAP FABRIC AROUND ROOT BALL.
 - COMPLETELY REMOVE ALL STRINGS, RIBBONS, AND TABS FROM THE PLANT.
 - SCARIFY ROOTS ON POT BOUND PLANTS.
 - PLANT SPACING VARIES - (SEE PLAN)
 - ALL SHRUBS TO BE PLANTED IN MULCHED BEDS.
 - PRUNE ALL BROKEN, DISEASED, AND WEAK BRANCHES.
 - ALL SHRUB BEDS TO BE COMPLETELY EXCAVATED OF ALL EXISTING SOIL TO REQUIRED DEPTH AND BACKFILLED WITH REQUIRED SOIL MIX.
 - SOIL MIX: 2/3 TOPSOIL & 1/3 ORGANIC MATTER.
 - TOP DRESS BED WITH 10-6-4 FERTILIZER AT THE RATE OF 5 LBS. PER 1,000 S.F. OF BED AREA.

5 SHRUB PLANTING BED
SECTION NOT TO SCALE



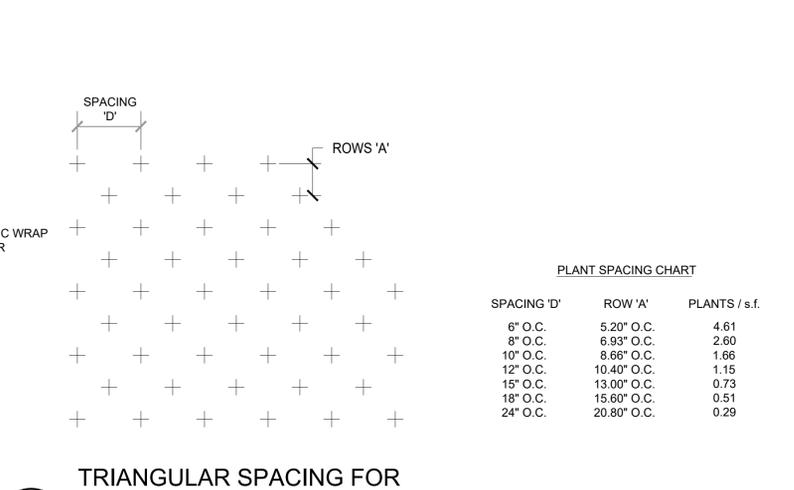
- NOTE:**
- PROPOSED BEDS MUST BE LAID OUT ON SITE AND APPROVED BY OWNER, IF REQUESTED BY OWNER.
 - REMOVE TOP 1/3 OF ALL BURLAP FABRIC AROUND ROOT BALL.
 - COMPLETELY REMOVE ALL STRINGS, RIBBONS, AND TABS FROM THE PLANT.
 - SCARIFY ROOTS ON POT BOUND PLANTS.
 - PLANT SPACING VARIES - (SEE PLAN)
 - ALL SHRUBS TO BE PLANTED IN MULCHED BEDS.
 - PRUNE ALL BROKEN, DISEASED, AND WEAK BRANCHES.
 - ALL SHRUB BEDS TO BE COMPLETELY EXCAVATED OF ALL EXISTING SOIL TO REQUIRED DEPTH AND BACKFILLED WITH REQUIRED SOIL MIX.
 - SOIL MIX: 2/3 TOPSOIL & 1/3 ORGANIC MATTER.
 - TOP DRESS BED WITH 10-6-4 FERTILIZER AT THE RATE OF 5 LBS. PER 1,000 S.F. OF BED AREA.

6 INTERIOR SIDEWALK/RAISED PLANTER PLANTING BED
SECTION NOT TO SCALE



- NOTE:**
- BEDS TO HAVE SMOOTHLY CONTOURED AND CLEANLY DEFINED EDGES. BEDS SHALL CURVILINEAR EXCEPT AS NOTED ON PLAN.
 - PROPOSED BEDS MUST BE LAID OUT ON SITE AND APPROVED BY OWNER, IF REQUESTED BY OWNER.
 - REMOVE TOP 1/3 OF ALL BURLAP FABRIC AROUND ROOT BALL.
 - COMPLETELY REMOVE ALL STRINGS, RIBBONS, AND TABS FROM THE PLANT.
 - SCARIFY ROOTS ON POT BOUND PLANTS.
 - PLANT SPACING VARIES - (SEE PLAN)
 - ALL SHRUBS TO BE PLANTED IN MULCHED BEDS.
 - PRUNE ALL BROKEN, DISEASED, AND WEAK BRANCHES.
 - ALL SHRUB BEDS TO BE COMPLETELY EXCAVATED OF ALL EXISTING SOIL TO REQUIRED DEPTH AND BACKFILLED WITH REQUIRED SOIL MIX.
 - SOIL MIX: 2/3 TOPSOIL & 1/3 ORGANIC MATTER.
 - TOP DRESS BED WITH 10-6-4 FERTILIZER AT THE RATE OF 5 LBS. PER 1,000 S.F. OF BED AREA.

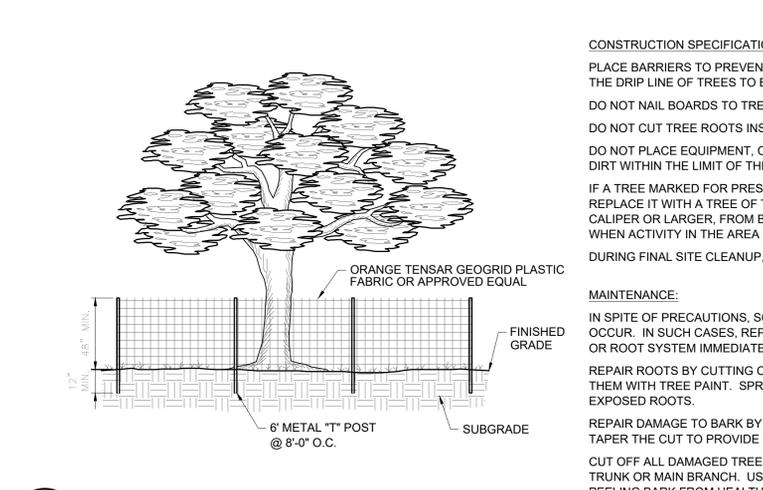
5 SHRUB PLANTING WITH DRAIN INLET
SECTION NOT TO SCALE



8 TRIANGULAR SPACING FOR SHRUBS, PERENNIALS, AND GROUNDCOVERS
PLAN NOT TO SCALE

PLANT SPACING CHART

SPACING 'D'	ROW 'A'	PLANTS / s.f.
6" O.C.	5.20' O.C.	4.61
8" O.C.	6.93' O.C.	2.60
10" O.C.	8.66' O.C.	1.66
12" O.C.	10.40' O.C.	1.15
15" O.C.	13.00' O.C.	0.73
18" O.C.	15.60' O.C.	0.51
24" O.C.	20.80' O.C.	0.29



9 TREE PROTECTION FENCE DETAIL
SECTION NOT TO SCALE

CONSTRUCTION SPECIFICATIONS:

PLACE BARRIERS TO PREVENT THE APPROACH OF EQUIPMENT WITHIN THE DRIP LINE OF TREES TO BE RETAINED.

DO NOT NAIL BOARDS TO TREES DURING BUILDING OPERATIONS.

DO NOT CUT TREE ROOTS INSIDE THE DRIP LINE.

DO NOT PLACE EQUIPMENT, CONSTRUCTION MATERIALS, TOPSOIL, OR FILL DIRT WITHIN THE LIMIT OF THE DRIP LINE OF TREES TO BE SAVED.

IF A TREE MARKED FOR PRESERVATION IS DAMAGED, REMOVE IT AND REPLACE IT WITH A TREE OF THE SAME OR SIMILAR SPECIES, 2-INCH CALIPER OR LARGER, FROM BALLED AND BURLAPED NURSERY STOCK WHEN ACTIVITY IN THE AREA IS COMPLETE.

DURING FINAL SITE CLEANUP, REMOVE BARRIERS AROUND TREES.

MAINTENANCE:

IN SPITE OF PRECAUTIONS, SOME DAMAGE TO PROTECTED AREAS MAY OCCUR. IN SUCH CASES, REPAIR ANY DAMAGE TO THE CROWN, TRUNK, OR ROOT SYSTEM IMMEDIATELY.

REPAIR ROOTS BY CUTTING OFF THE DAMAGED AREAS AND PAINTING THEM WITH TREE PAINT. SPREAD PEAT MOSS OR MOIST TOPSOIL OVER EXPOSED ROOTS.

REPAIR DAMAGE TO BARK BY TRIMMING AROUND THE DAMAGED AREA, TAPER THE CUT TO PROVIDE DRAINAGE, AND PAINT WITH TREE PAINT.

CUT OFF ALL DAMAGED TREE LIMBS ABOVE THE TREE COLLAR AT THE TRUNK OR MAIN BRANCH. USE THREE SEPARATE CUTS TO AVOID PEELING BARK FROM HEALTHY AREAS OF THE TREES.



REVISIONS:

CARTHAGE DOWNTOWN REVITALIZATION
CARTHAGE, NORTH CAROLINA
LANDSCAPE DETAILS

DATE: 2024-02-06
DESIGNED BY: TWH
DRAWN BY: DWM
CHECKED BY: TWH
SCALE: AS SHOWN
PROJECT #: 250448
SHEET NUMBER: **L-7.4**

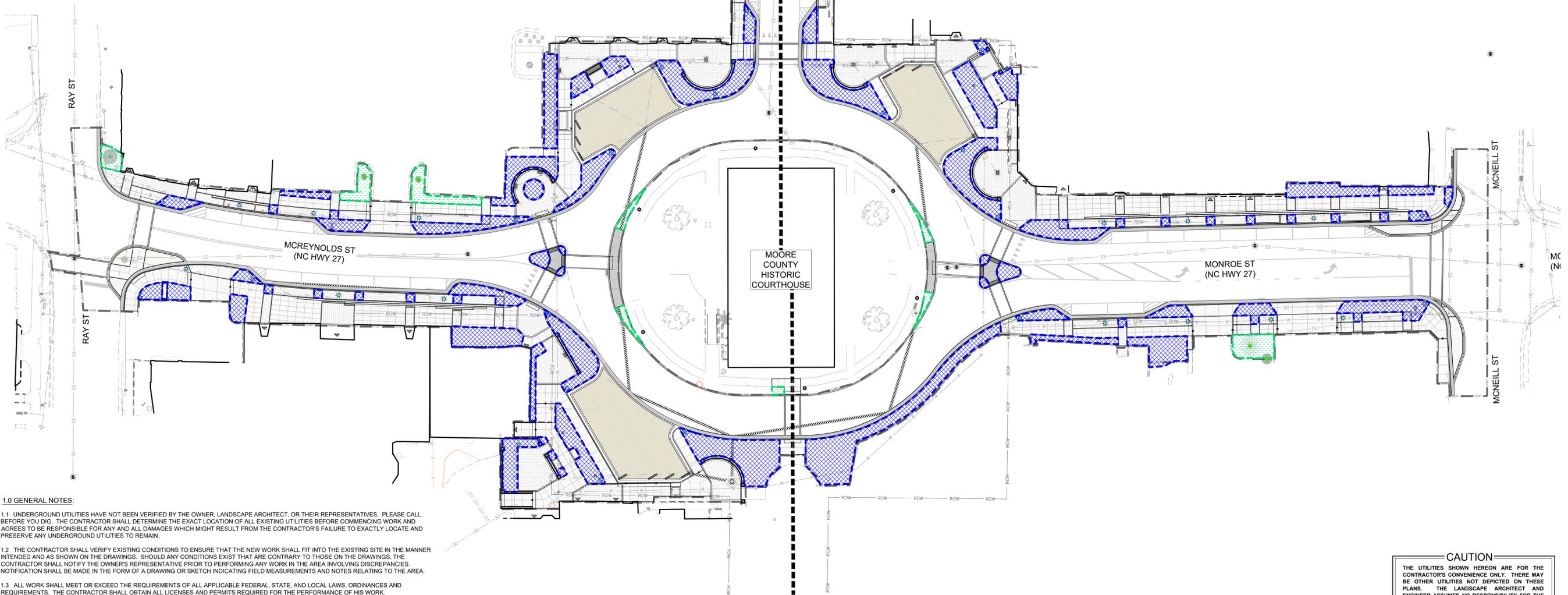
LEGEND	
	= PROJECT LIMITS OF DISTURBANCE
	= EXISTING MAJOR CONTOUR
	= EXISTING MINOR CONTOUR
	= EXISTING RIGHT-OF-WAY
	= EXISTING SANITARY SEWER LINE
	= EXISTING MANHOLE
	= EXISTING FENCE LINE
	= EXISTING WATER LINE
	= EXISTING FIRE HYDRANT
	= EXISTING STORM DRAIN PIPE
	= EXISTING ELECTRICAL VAULT
	= EXISTING IRRIGATION VALVE
	= EXISTING PINE TREE
	= EXISTING HARDWOOD TREE
	= EXISTING SHRUB
	= PROPOSED WALL
	= EXISTING LIGHT POLE
	= PROPOSED DUKE PARKING LIGHT - SEE DETAIL 11/L-6.4
	= EXISTING REPLACED DUKE LIGHT - SEE DETAIL 11/L-6.4
	= EXISTING TREE/SHRUB SAVED
	= EXISTING TREE CREDIT
	= EXISTING BUILDING ENTRANCE

2.0 LANDSCAPE NOTES

- 2.1 THIS PLAN IS FOR LANDSCAPE PURPOSES ONLY.
- 2.2 UNDERGROUND UTILITIES HAVE NOT BEEN VERIFIED BY THE OWNER, LANDSCAPE ARCHITECT, OR THEIR REPRESENTATIVES. PLEASE CALL BEFORE YOU DIG. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK AND AGREES TO BE RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT RESULT FROM THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY UNDERGROUND UTILITIES TO REMAIN.
- 2.3 THE CONTRACTOR SHALL VERIFY EXISTING CONDITIONS TO ENSURE THAT THE NEW WORK SHALL FIT INTO THE EXISTING SITE IN THE MANNER INTENDED AND AS SHOWN ON THE DRAWINGS. SHOULD ANY CONDITIONS EXIST THAT ARE CONTRARY TO THOSE ON THE DRAWINGS, THE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE PRIOR TO PERFORMING ANY WORK IN THE AREA INVOLVING DISCREPANCIES. NOTIFICATION SHALL BE MADE IN THE FORM OF A DRAWING OR SKETCH INDICATING FIELD MEASUREMENTS AND NOTES RELATING TO THE AREA.
- 2.4 ALL WORK SHALL MEET OR EXCEED THE REQUIREMENTS OF ALL APPLICABLE FEDERAL, STATE, AND LOCAL LAWS, ORDINANCES AND REQUIREMENTS. THE CONTRACTOR SHALL OBTAIN ALL LICENSES AND PERMITS REQUIRED FOR THE PERFORMANCE OF HIS WORK.
- 2.5 IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PERFORM ALL WORK IN A MANNER THAT PROTECTS COMPLETED WORK BY OTHERS, SUCH AS CURBS, UTILITIES, STORM DRAINAGE, FENCES, DRIVEWAY APRONS, DRIVES, VEGETATION, ETC. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COST OF SATISFACTORY REPAIR OF ALL DAMAGES IN KIND RESULTING FROM HIS/HER FAILURE TO COMPLY.
- 2.6 THE CONTRACTOR IS TO VERIFY ALL QUANTITIES SHOWN ON THE PLAN AND IN THE PLANT SCHEDULE. IF DISCREPANCIES OCCUR, THE CONTRACTOR SHALL CONTACT THE LANDSCAPE ARCHITECT IMMEDIATELY. QUANTITIES OF PLANTS SHOWN BY LANDSCAPE SYMBOLS SHALL GOVERN OVER THE QUANTITIES SHOWN IN THE PLANT SCHEDULE.
- 2.7 NO SUBSTITUTIONS OF PRODUCTS, PLANT TYPES OR SIZES SHALL BE MADE WITHOUT WRITTEN APPROVAL OF THE OWNER, LANDSCAPE ARCHITECT, AND MUNICIPAL REVIEW AGENCY. REQUESTS FOR SUBSTITUTION SHALL BE IN WRITING, AND SHALL STATE THE REASONS FOR THE SUBSTITUTION REQUEST, THE SUGGESTED ALTERNATIVE, AND THE CHANGES IN COST. REQUESTS FOR SUBSTITUTION IN PLANT MATERIAL SHALL STATE THE NAMES OF NURSERIES WHO HAVE BEEN UNABLE TO SUPPLY THE ORIGINALLY SPECIFIED MATERIAL.
- 2.8 CONTRACTOR TO UTILIZE EXISTING INKBERRY (ILGS) AND DISTYLUM (DIS) SHRUBS FROM TOWN'S RAISED PLANTERS AND PLANT BEDS WITHIN LODIC TOWARDS PROPOSED (ILGS) AND (DIS) PLANTINGS INDICATED ON LANDSCAPE PLAN.
- 2.9 CONTRACTOR TO VERIFY COUNTS AND CONDITION OF PRESERVED SHRUBS WITH LANDSCAPE ARCHITECT PRIOR TO PLANTING.

3.0 IRRIGATION NOTES

- 3.1 THE CONTRACTOR IS ADVISED TO VISIT THE SITE AND VERIFY FIELD CONDITIONS.
- 3.2 ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE APPLICABLE BUILDING CODES. THE CONTRACTOR SHALL OBTAIN ALL LICENSES AND PERMITS REQUIRED FOR THE PERFORMANCE OF HIS WORK.
- 3.3 ALL PLANTED AREAS SHALL BE IRRIGATED BY AN AUTOMATIC LANDSCAPE IRRIGATION SYSTEM THAT SHALL BE DESIGNED BY IRRIGATION CONTRACTOR. IRRIGATION SHOWN IN THESE PLANS IS CONCEPTUAL AND SHOWN FOR DESIGN INTENT. SHOP DRAWINGS SHALL BE SUBMITTED TO LANDSCAPE ARCHITECT FOR APPROVAL.
- 3.4 LANDSCAPE IRRIGATION SYSTEM SHALL BE INSTALLED TO TIE INTO EXISTING TOWN WATER LINE. IRRIGATION CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH LOCAL UTILITY, GENERAL CONTRACTOR, AND TOWN REPRESENTATIVE. IRRIGATION CONTRACTOR SHALL COORDINATE THE INSTALLATION OF THE IRRIGATION SYSTEM WITH THE GENERAL CONTRACTOR AND TOWN REPRESENTATIVE.
- 3.5 PIPE SLEEVES SHALL BE INSTALLED BY IRRIGATION CONTRACTOR AS NECESSARY, COORDINATE WITH GENERAL CONTRACTOR.
- 3.6 IRRIGATION TIME CLOCK LOCATION SHALL BE COORDINATED WITH ARCHITECT, LANDSCAPE ARCHITECT, AND TOWN REPRESENTATIVE.
- 3.7 ALL CATEGORIES OF EQUIPMENT (E.G. VALVES, HEADS, ETC.) SHALL BE MANUFACTURED BY RAIN BIRD OR TORO, AND/OR INDUSTRY EQUIVALENT AND BE APPROVED BY LANDSCAPE ARCHITECT AND TOWN REPRESENTATIVE PRIOR TO INSTALLATION.
- 3.8 PROVIDE MINI-CLOCK (OR APPROVED EQUAL) RAIN SENSOR AND INTEGRATE WITH CONTROLLER. CONFIRM WITH OWNER / OWNER'S REPRESENTATIVE.
- 3.9 EXISTING ECOLOGY AND AESTHETICS WILL OFTEN CAUSE ADJUSTMENT OF THESE PLANS TO FIT SITE. STAKE OUT BY CONTRACTOR AND FIELD ADJUSTMENT ARE ABSOLUTELY NECESSARY.
- 3.10 IRRIGATION SYSTEM SHALL BE MAINTAINED AND GUARANTEED BY CONTRACTOR FOR A MINIMUM PERIOD OF ONE YEAR FROM DATE OF COMPLETION AND ACCEPTANCE BY OWNER.
- 3.11 THE LOCATION OF ALL ABOVE GROUND UTILITIES AND BELOW GROUND UTILITIES IS THE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR. DAMAGE TO UTILITIES AND PERSONAL INJURY AS A RESULT OF THE FAILURE TO DETERMINE AND/OR RESPECT UTILITY LOCATIONS IS THE SOLE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR. UTILITY LOCATIONS ARE NOT SHOWN ON THESE PLANS.
- 3.12 CONTRACTOR SHALL PROVIDE THREE (3) COPIES OF IRRIGATION SYSTEM AS-BUILTS TO OWNER UPON COMPLETION.
- 3.13 IRRIGATION PLAN SHOWING IRRIGATION ZONES AND CONTROLLER/VALVE LOCATIONS IS CONCEPTUAL. IRRIGATION INSTALLER IS TO PROVIDE IRRIGATION DESIGN AND ROUTE ALL MAIN LINE AND LATERALS WITHIN PROJECT BOUNDARIES AND THROUGH SLEEVES AND BEDS.
- 3.14 IRRIGATION CONTRACTOR TO DESIGN/BUILD COMPLETE IRRIGATION SYSTEM, PROVIDING PROPER COVERAGE ON ALL AREAS, BE PROPERLY ZONED, AND ACCEPTABLE TO LOCAL JURISDICTIONAL REGULATIONS. CONTRACTOR SHALL PROVIDE AS-BUILT DRAWING AND APPROPRIATE MANUALS AT THE COMPLETION OF WORK.
- 3.15 LINE DEPTH TO BE BELOW FROST LINE (TO BE COORDINATED W/ CONTRACTOR)
- 3.16 INSTALL SCH. 40 PVC 4" SLEEVES WHERE SHOWN FOR PAVEMENT/SIDEWALK CROSSINGS (WHERE POSSIBLE).
- 3.17 INSTALL ELECTRIC REMOTE CONTROL VALVES IN BED AREAS WHERE POSSIBLE. VALVES TO BE INSIDE 10" OR 12" VALVE BOX.
- 3.18 FINAL CONTROLLER LOCATION TO BE DETERMINED BY IRRIGATION CONTRACTOR.



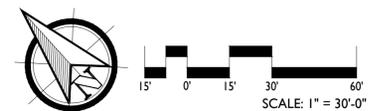
1.0 GENERAL NOTES:

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- 1.5 THE CONTRACTOR IS TO VERIFY ALL QUANTITIES SHOWN ON THE PLAN. IF DISCREPANCIES OCCUR, THE CONTRACTOR SHALL CONTACT THE LANDSCAPE ARCHITECT IMMEDIATELY.
- 1.6 THE CONTRACTOR SHALL GUARANTEE ALL LANDSCAPE IMPROVEMENTS, INCLUDING SEEDING, FOR ONE FULL YEAR AS REQUIRED BY THE SPECIFICATIONS. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL PLANT MAINTENANCE DURING THE GUARANTEE PERIOD.

CAUTION
 THE UTILITIES SHOWN HEREON ARE FOR THE CONTRACTOR'S CONVENIENCE ONLY. THERE MAY BE OTHER UTILITIES NOT DEPICTED ON THESE PLANS. THE LANDSCAPE ARCHITECT AND ENGINEER ASSUMES NO RESPONSIBILITY FOR THE LOCATIONS SHOWN AND IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATIONS OF ALL UTILITIES WITHIN THE PROJECT LIMITS. ALL DAMAGE MADE TO THE EXISTING UTILITIES BY THE CONTRACTOR SHALL BE THE SOLE RESPONSIBILITY BY THE CONTRACTOR.

IRRIGATION LEGEND

	NEW PLANT BEDS - DRIP IRRIGATION AREA = ± 14,297 SF
	AMENDED PLANT BEDS - ADJUST EXISTING IRRIGATION SYSTEM, IF NO FUNCTIONING SYSTEM IS PRESENT, INSTALL DRIP IRRIGATION. AREA = ± 1,359 SF



140 APPLECROSS RD, STE B
 PINEHURST, NC 28374
 P: (910) 684-6467
 W: www.3se.com



REVISIONS:

CARTHAGE DOWNTOWN REVITALIZATION

CARTHAGE, NORTH CAROLINA

CONCEPTUAL IRRIGATION PLAN

DATE: 2024-02-06
 DESIGNED BY: REK
 DRAWN BY: DWM
 CHECKED BY: TWH
 SCALE: 1" = 30'
 PROJECT #: 250448
 SHEET NUMBER: L-7.5

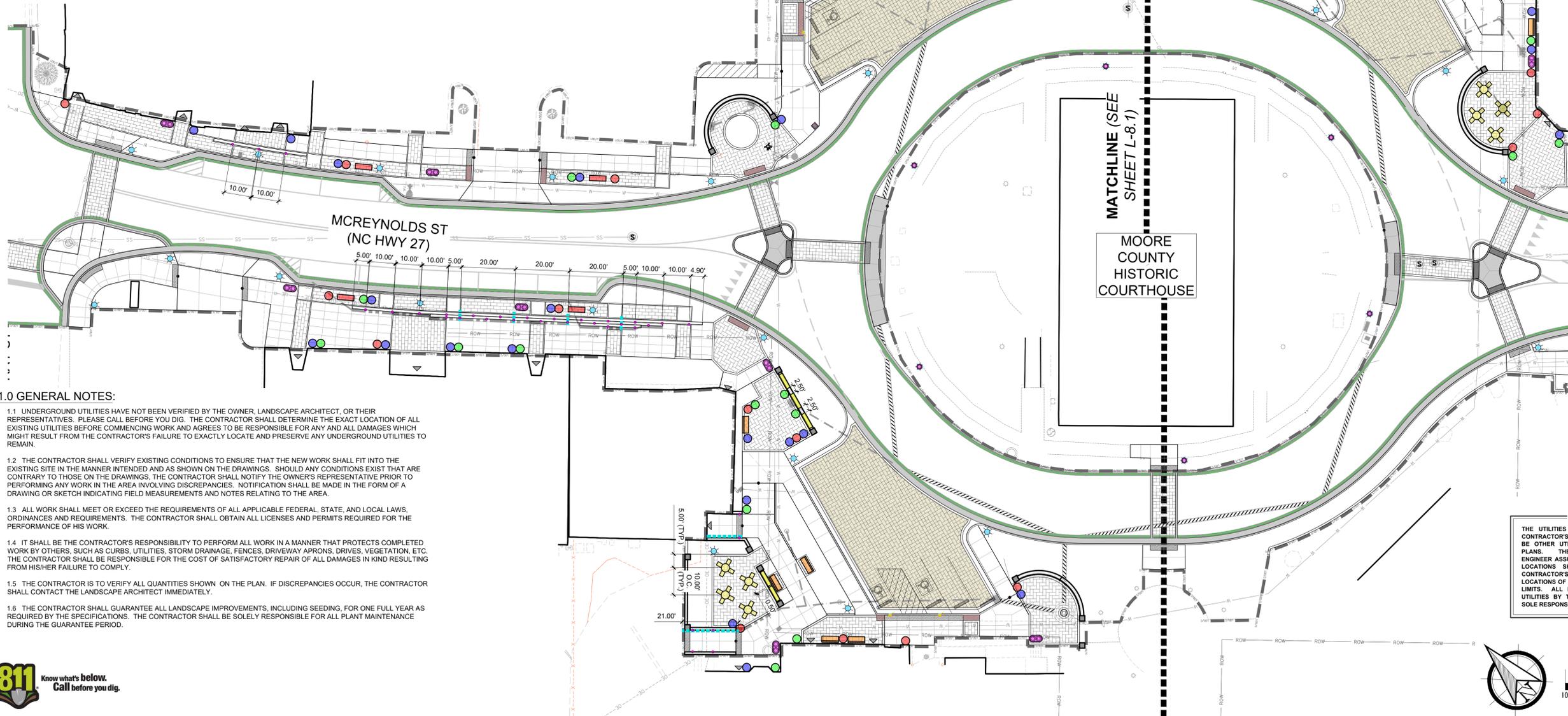
LEGEND

- = PROJECT LIMITS OF DISTURBANCE
- = EXISTING MAJOR CONTOUR
- = EXISTING MINOR CONTOUR
- = EXISTING RIGHT-OF-WAY
- = EXISTING SANITARY SEWER LINE
- = EXISTING MANHOLE
- = EXISTING FENCE LINE
- = EXISTING WATER LINE
- = EXISTING FIRE HYDRANT
- = EXISTING STORM DRAIN PIPE
- = EXISTING ELECTRICAL VAULT
- = EXISTING IRRIGATION VALVE
- = EXISTING PINE TREE
- = EXISTING HARDWOOD TREE
- = EXISTING SHRUB
- = PROPOSED WALL
- = EXISTING LIGHT POLE
- = PROPOSED DUKE PARKING LIGHT - SEE DETAIL 11/L-6.4
- = EXISTING REPLACED DUKE LIGHT - SEE DETAIL 11/L-6.4
- = EXISTING TREE/SHRUB SAVED
- = EXISTING TREE CREDIT
- = EXISTING BUILDING ENTRANCE

FURNISHINGS SCHEDULE

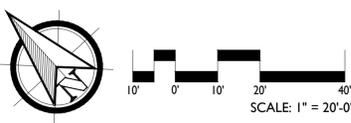
SYMBOL	QTY	ITEM	NOTES
	7	Bench	- See Detail 1 / L-6.4
	9	Backless Bench	- See Detail 2 / L-6.4. Benches to be centered horizontally and vertically between brick banding.
	5	Seat Wall Bench Cap	- See Detail 3 / L-6.3
	1	Double Wide Seat Wall Bench Cap	- See Detail 4 / L-6.3
	12	Table and Chairs	- See Detail 3 / L-6.4
	16	Trash Receptacle	- See Detail 7 / L-6.4
	1	Trash Receptacle w/ Solar Powered Compactor	- See Detail 8 / L-6.4
	27	Planter Pot #7 (36"W x 26"H)	- See Detail 5 / L-6.4
	39	Planter Pot #6 (±31"W x 23"H)	- See Detail 5 / L-6.4
	25	Planter Pot #4 (24"W x 20"H)	- See Detail 5 / L-6.4
	13	Handrails (Surface Mounted)	- See Detail 11 / L-6.1. (19) 4' length handrails, (2) 5' length handrails, (1) 21' length
	8	Guardrail / Fence	- See Detail 12 / L-6.1. See plan for lengths.
	41	Duke Light	- See Detail 11 / L-6.4
	69	Step / Wall Light	- See Detail 13 / L-6.4
	4	Bollard	- See Detail 6 / L-6.4. Bollards to be centered on curb.
	4	ADA Parking Sign	- See Detail 9 / L-6.4. Sign to be located directly behind bollard, perpendicular to ADA parking space

NOTE
 1. FINAL LOCATIONS OF FURNISHINGS TO BE REVIEWED AND APPROVED BY LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.



- 1.0 GENERAL NOTES:**
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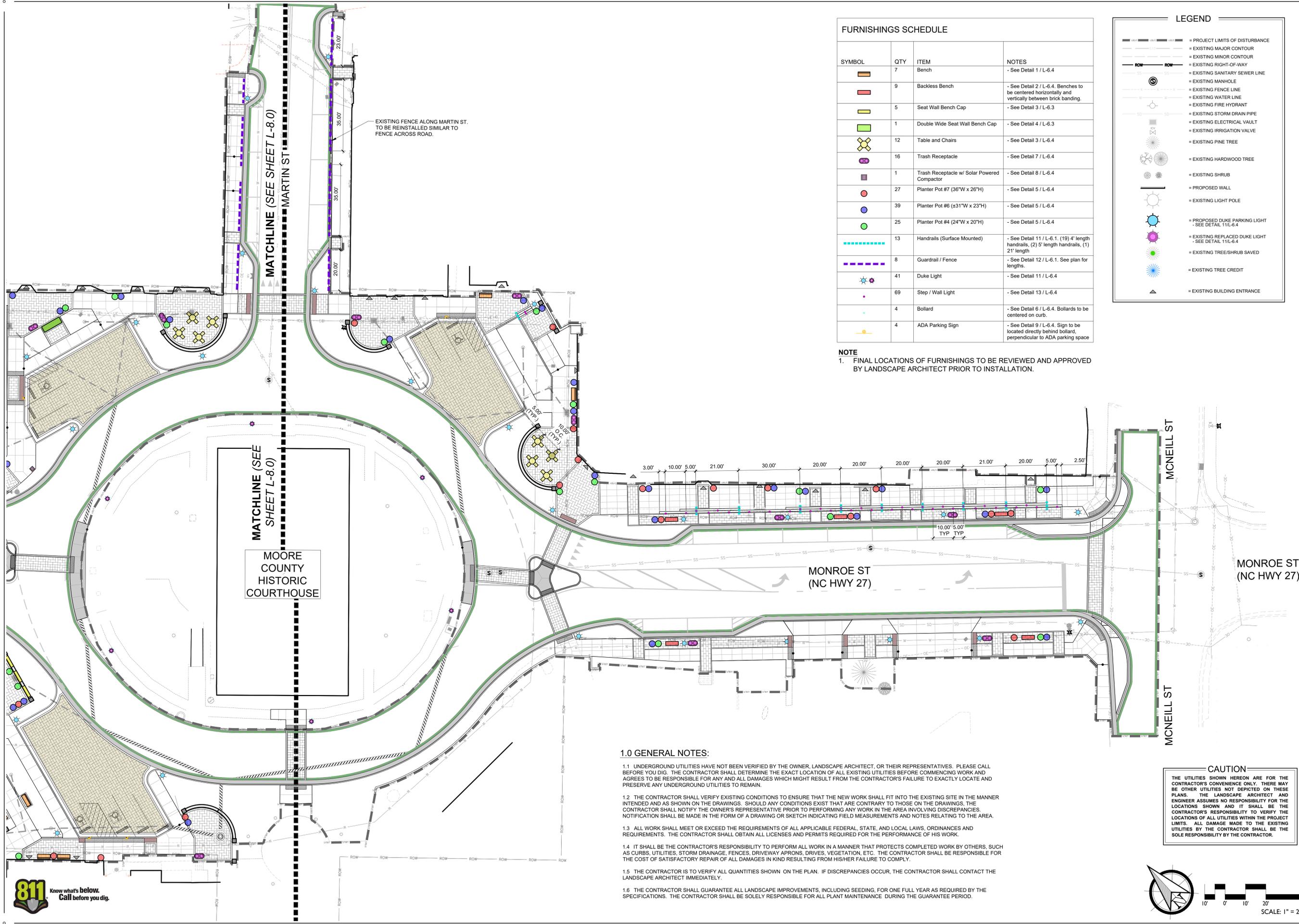
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REVISIONS:

CARTHAGE DOWNTOWN REVITALIZATION
 CARTHAGE, NORTH CAROLINA

SITE FURNISHINGS AND HARDSCAPE LIGHTING PLAN



FURNISHINGS SCHEDULE

SYMBOL	QTY	ITEM	NOTES
[Orange rectangle]	7	Bench	- See Detail 1 / L-6.4
[Red rectangle]	9	Backless Bench	- See Detail 2 / L-6.4. Benches to be centered horizontally and vertically between brick banding.
[Yellow rectangle]	5	Seat Wall Bench Cap	- See Detail 3 / L-6.3
[Green rectangle]	1	Double Wide Seat Wall Bench Cap	- See Detail 4 / L-6.3
[Yellow X]	12	Table and Chairs	- See Detail 3 / L-6.4
[Purple circle]	16	Trash Receptacle	- See Detail 7 / L-6.4
[Purple square]	1	Trash Receptacle w/ Solar Powered Compactor	- See Detail 8 / L-6.4
[Red circle]	27	Planter Pot #7 (36"W x 26"H)	- See Detail 5 / L-6.4
[Blue circle]	39	Planter Pot #6 (431"W x 23"H)	- See Detail 5 / L-6.4
[Green circle]	25	Planter Pot #4 (24"W x 20"H)	- See Detail 5 / L-6.4
[Blue dashed line]	13	Handrails (Surface Mounted)	- See Detail 11 / L-6.1. (19) 4' length handrails, (2) 5' length handrails, (1) 21' length
[Purple dashed line]	8	Guardrail / Fence	- See Detail 12 / L-6.1. See plan for lengths.
[Blue star]	41	Duke Light	- See Detail 11 / L-6.4
[Purple star]	69	Step / Wall Light	- See Detail 13 / L-6.4
[Blue dot]	4	Bollard	- See Detail 6 / L-6.4. Bollards to be centered on curb.
[Yellow triangle]	4	ADA Parking Sign	- See Detail 9 / L-6.4. Sign to be located directly behind bollard, perpendicular to ADA parking space

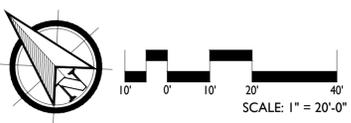
LEGEND

- [Dashed line] = PROJECT LIMITS OF DISTURBANCE
- [Dashed line] = EXISTING MAJOR CONTOUR
- [Dashed line] = EXISTING MINOR CONTOUR
- [Dashed line] = EXISTING RIGHT-OF-WAY
- [Dashed line] = EXISTING SANITARY SEWER LINE
- [Circle with X] = EXISTING MANHOLE
- [Circle with dot] = EXISTING FENCE LINE
- [Circle with dot] = EXISTING WATER LINE
- [Circle with dot] = EXISTING FIRE HYDRANT
- [Circle with dot] = EXISTING STORM DRAIN PIPE
- [Circle with dot] = EXISTING ELECTRICAL VAULT
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- [Circle with dot] = EXISTING HARDWOOD TREE
- [Circle with dot] = EXISTING SHRUB
- [Circle with dot] = PROPOSED WALL
- [Circle with dot] = EXISTING LIGHT POLE
- [Circle with dot] = PROPOSED DUKE PARKING LIGHT - SEE DETAIL 11/L-6.4
- [Circle with dot] = EXISTING REPLACED DUKE LIGHT - SEE DETAIL 11/L-6.4
- [Circle with dot] = EXISTING TREE/SHRUB SAVED
- [Circle with dot] = EXISTING TREE CREDIT
- [Triangle] = EXISTING BUILDING ENTRANCE

NOTE
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REVISIONS:



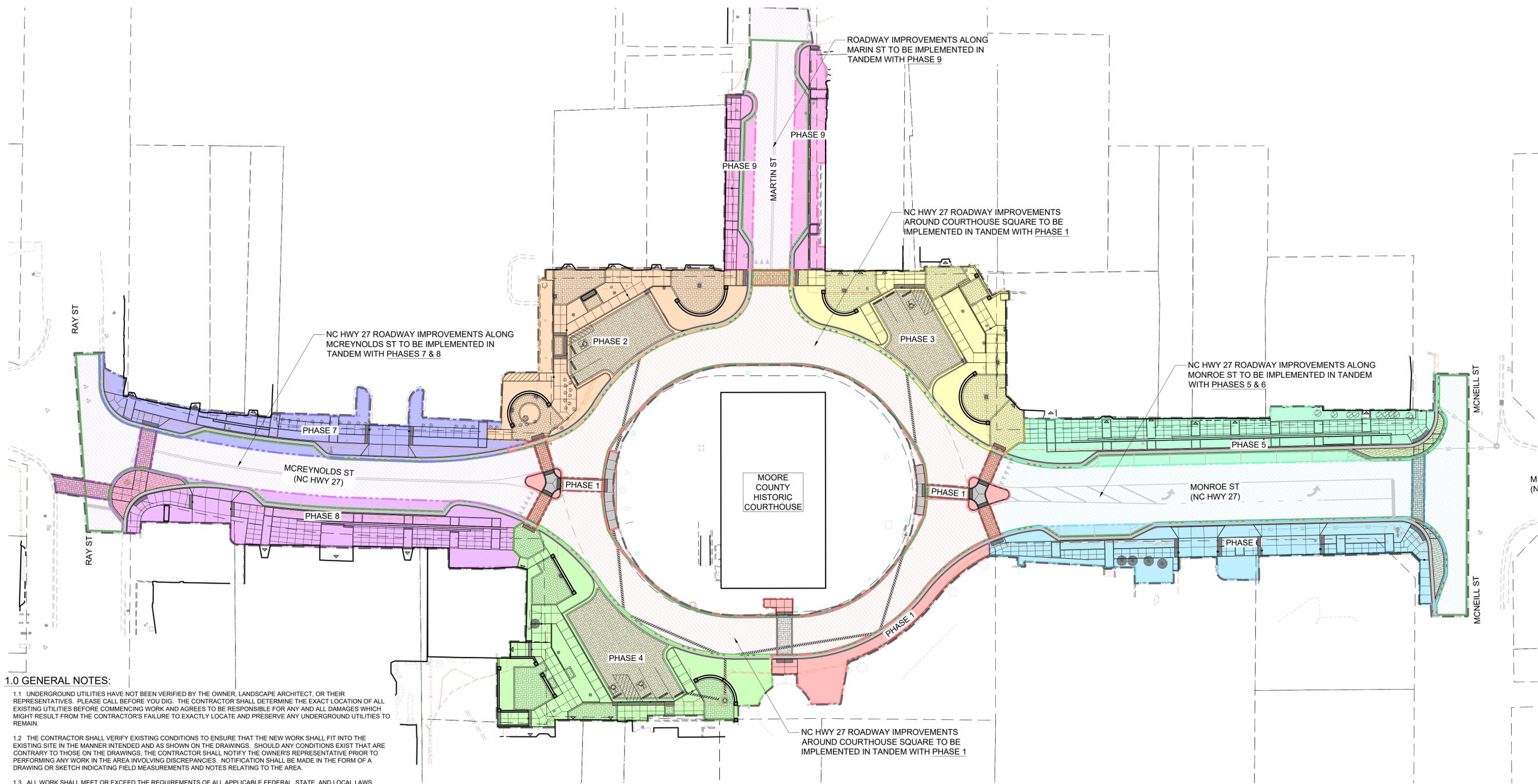
REVISIONS:

CARTHAGE DOWNTOWN REVITALIZATION

CARTHAGE, NORTH CAROLINA

PHASING PLAN

DATE: 2024-02-06
 DESIGNED BY: TWH
 DRAWN BY: DVM
 CHECKED BY: TWH
 SCALE: 1" = 30'
 PROJECT #: 250448
 SHEET NUMBER: L-9.0



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LEGEND

- = PROJECT BOUNDARY
- = PHASE 1
- = PHASE 2
- = PHASE 3
- = PHASE 4
- = PHASE 5
- = PHASE 6
- = PHASE 7
- = PHASE 8
- = PHASE 9
- = ROADWAY IMPROVEMENT PHASING (TO BE COORDINATED WITH NCDOT)

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