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Collaborative Inc.

.C Chatham

N N N PROJECT NUMBER:

APPEARANCE COMMISSION

BRIA

DATE: 04/17/2024

Chapel Road,

Market

PLANTING PLAN

L400

### PLANTING NOTES

- 1. ROUGH GRADING TO BE COMPLETED PRIOR TO THE START OF PLANT INSTALLATION. SUBSTANTIAL COMPLETION SIGN-OFF BY LANDSCAPE ARCHITECT CONTRACTOR TO ENSURE NO CHANNELIZED FLOWS AROUND THE SITE.
- 2. CONTRACTOR RESPONSIBLE FOR LOCATING ALL UTILITIES AND UNDERGROUND IMPEDIMENTS PRIOR TO BEGINNING PLANTING.
- 3. ALL WEEDS, NON-NATIVE INVASIVE SPECIES, AND EXOTIC SPECIES LOCATED WITHIN THE PROJECT CONTRACTOR LIMITS SHALL BE ELIMINATED PRIOR TO
- 4. PLANTING SHOULD OCCUR IMMEDIATELY AFTER CONSTRUCTION TO STABILIZE AREAS OF BARE SOIL.

PLANTING BED CREATION, PLANTING, AND SEEDING/SODDING OPERATIONS.

- 5. IT SHALL BE NOTED THAT ALL DISTURBED AREAS SHALL RECEIVE SEED OR SOD.
- 6. PLANTS ARE TO BE PURCHASED BY BOTANICAL NAMES. THEY SHALL BE REPRESENTATIVE OF THEIR SPECIES, MEET ALL NOTED CONDITIONS OF SPECIFICATIONS, AND SHALL BE IN VIGOROUS GROWING CONDITION MEETING ANSI STANDARD Z60.
- 7. LANDSCAPE ARCHITECT OR OWNER MAINTAINS RIGHT TO REJECT ANY PLANT DUE TO AESTHETICS OR STRUCTURAL DEFICIENCY AT ANY TIME.
- 8. CONTRACTOR RESPONSIBLE FOR FURNISHING AND INSTALLING ALL PLANTS SHOWN ON PLANS IN LOCATIONS SHOWN. QUANTITIES GIVEN ON THE PLANT LEGEND ARE FOR CONTRACTOR'S CONVENIENCE ONLY. IF DISCREPANCIES OCCUR, THE PLANS SHALL OVERRULE THE PLANT LEGEND. CONTRACTOR SHALL LOCATE ALL PLANTS AWAY FROM KNOWN PERMANENT FIXTURES. IF CONFLICT ARISES WITH PLAN, CONTRACTOR SHALL NOTIFY PROJECT MANAGER OR DESIGNEE PRIOR TO PROCEEDING.
- 9. ALL PLANT MATERIAL SHALL CONFORM TO OR EXCEED THE AMERICAN STANDARD FOR NURSERY STOCK (LATEST EDITION) AS PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN.
- 10. ALL PLANT MATERIAL SHALL BE FREE OF ALL PESTS, DISEASES, AND CANKERS, IN HEALTHY CONDITION, AND FREE OF MECHANICAL DAMAGE AT THE TIME OF PLANTING.
- 11. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE A HEALTHY AND VIABLE PLANT AND THE PLANT SHALL BE REJECTED IF DEEMED UNHEALTHY OR UNFIT AT ANY TIME DURING THE CONTRACT OR WARRANTY DURATION.
- 12. IF ANY PLANT/MATERIAL SUBSTITUTIONS ARE REQUESTED BY CONTRACTOR. THEN NOTICE SHALL BE GIVEN TO PROJECT MANAGER OR DESIGNEE AT MINIMUM SEVENTY-TWO (72) HOURS (NOT INCLUDING WEEKENDS) PRIOR TO DESIRED ORDERING DATE/TIME. WHEN SUBSTITUTIONS ARE REQUESTED BY CONTRACTOR, SUGGESTED ACCEPTABLE REPLACEMENTS SHALL ALSO BE PRESENTED AT TIME FOR FULL AND COMPLETE REVIEW BY LANDSCAPE ARCHITECT OR OWNER.
- 13. BALLED AND BURLAPPED PLANTS/TREES TO BE PLANTED PRIOR TO CONTAINER OR BEDDING PLANTS.
- 14. BALLED AND BURLAPPED MATERIAL SHALL COMPLY WITH THE FOLLOWING **GUIDELINES:**
- 14.1. TREES DESIGNATED B&B SHALL BE PROPERLY DUG WITH FIRM, NATURAL BALLS OF SOIL RETAINING AS MANY FIBROUS ROOTS AS POSSIBLE, IN SIZES AND SHAPES AS SPECIFIED IN THE AMERICAN STANDARD FOR NURSERY STOCK ANSI Z60.1
- 14.2. ROOT BALLS SHALL BE FIRMLY WRAPPED WITH NONSYNTHETIC, ROTTABLE BURLAP AND SECURED WITH NAILS AND HEAVY. NONSYNTHETIC TWINE.
- 14.3. ROOT COLLAR SHALL BE APPARENT AT SURFACE OF BALL, OR THE CONTRACTOR WILL BE RESPONSIBLE FOR REMOVING EXCESS SOIL FROM THE TOP OF THE ROOTBALL.
- 14.4. REMOVE ALL BURLAP, LACING, AND WIRE BASKET FROM AT LEAST THE TOP
- 1/2 OF THE ROOTBALL AND DISCARD FROM PLANTING HOLE. 14.5. DO NOT MANEUVER BY TRUNK. HANDLE BY ROOT BALL ONLY.
- 15. CONTAINERIZED PLANTS SHALL COMPLY WITH THE FOLLOWING GUIDELINES: 15.1. MATERIAL SHALL HAVE FIRM, NATURAL BALLS OF SOIL RETAINING AS MANY FIBROUS ROOTS AS POSSIBLE, IN SIZES AND SHAPES AS SPECIFIED IN THE
- AMERICAN STANDARD FOR NURSERY STOCK ANSI Z60.1 15.2. ROOT COLLAR SHALL BE APPARENT AT SURFACE OF BALL. OR THE CONTRACTOR WILL BE RESPONSIBLE FOR REMOVING EXCESS SOIL FROM
- THE TOP OF THE ROOTBALL 15.3. REMOVE CONTAINER PRIOR TO PLANTING.
- 16. TREES TO BE STAKED WILL BE DESIGNATED BY THE LANDSCAPE ARCHITECT. TREE STAKING FOR CANOPY AND LARGE EVERGREEN TREES SHALL NOT EXCEED 90 DAYS.
- 17. PLANT BED PREPARATION:

DEPTH OF 3".

- 17.1. ALL PLANT BEDS ARE TO RECEIVE A MINIMUM OF 4" OF APPROVED TOPSOIL TILLED IN TO A DEPTH OF 8" TO ENSURE INTEGRATION WITH EXISTING SOIL. 17.2. IF ON-SITE TOPSOIL IS NOT AVAILABLE, CONTRACTOR SHALL PROVIDE TO SITE ACCORDINGLY.
- 18. ALL PLANTING BEDS SHALL RECEIVE TRIPLE SHREDDED HARDWOOD MULCH AT
- 19. ALL MULCH TO BE CERTIFIED TO BE FREE OF WEEDS, NON-NATIVE INVASIVE SPECIES AND THEIR LARVAE.

### SEEDING/SODDING NOTES

- 1. ROUGH GRADING TO BE COMPLETED PRIOR TO THE START OF PLANT INSTALLATION. SUBSTANTIAL COMPLETION SIGN-OFF BY LANDSCAPE ARCHITECT CONTRACTOR TO ENSURE NO CHANNELIZED FLOWS AROUND THE SITE.
- 2. ALL SEEDED/SODDED AREAS SHALL BE FINISHED GRADE AT THE THICKNESS OF THE SOD.
- 3. NO SEEDED/SODDED AREAS SHALL BE SODDED UNTIL ALL OTHER CONSTRUCTION ACTIVITIES, INCLUDING PLANTING AND MULCHING HAVE OCCURRED AND LANDSCAPE ARCHITECT HAS REVIEWED THE FINAL GRADING.
- 4. SEED/SOD SPECIES SHALL BE CERTIFIED TIF-TUF BERMUDA OR AS APPROVED BY OWNER.
- 5. SOD AREAS WILL BE ACCEPTED WHEN IN COMPLIANCE WITH ALL THE FOLLOWING
- 5.1. ROOTS ARE THOROUGHLY KNIT TO THE SOIL
- 5.2. ABSENCE OF VISIBLE JOINTS
- 5.3. ALL AREAS SHOW A UNIFORM STAND OF SPECIFIED GRASS IN HEALTHY
- 5.4. AT LEAST 30 DAYS HAVE ELAPSED SINCE THE COMPLETION OF WORK UNDER THIS SECTION.

### 6. QUALITY GUARANTEE:

- 6.1. SOD SHALL BE UNIFORM IN COLOR, LEAF TEXTURE, LEAF AND ROOD DENSITY, AND FREE FROM WEED, DISEASES, AND OTHER VISIBLE IMPERFECTIONS AT TIME OF FINAL ACCEPTANCE. GUARANTEE DOES NOT COVER DAMAGE AS A RESULT OF FERTILIZERS, PESTICIDES, OR OTHER APPLICATIONS NOT SUPERVISED BY THE CONTRACTOR OR AS A RESULT OF ACTS OF GOD OR VANDALISM.
- 6.2. SEED SHALL BE UNIFORM IN COLOR, LEAF TEXTURE, LEAF AND ROOT DENSITY, AND FREE FROM WEED, DISEASES, AND OTHER VISIBLE IMPERFECTIONS AT TIME OF FINAL ACCEPTANCE. GUARANTEE DOES NOT COVER DAMAGE AS A RESULT OF FERTILIZERS. PESTICIDES. OR OTHER APPLICATIONS NOT SUPERVISED BY THE CONTRACTOR OR AS A RESULT OF ACTS OF GOD OR VANDALISM.
- 7. CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT THE SEED/SOD IS PROPERLY IRRIGATED DURING THE GROW-IN PERIOD AND SHALL BE RESPONSIBLE IF THE SOD SUFFERS IRREPARABLE HARM.
- 8. SEED/SOD IS SUBJECT TO INSPECTION AND ACCEPTANCE. LANDSCAPE ARCHITECT AND/OR CLIENT RESERVES THE RIGHT TO REJECT AT ANY TIME OR PLACE PRIOR TO ACCEPTANCE, ANY WORK AND SOD WHICH IN THE LANDSCAPE ARCHITECTS OPINION FAILS TO MEET THESE SPECIFICATIONS REQUIREMENTS.

- 9.1. GENERAL: HEALTHY, THICK TURF HAVING UNDERGONE A PROGRAM OF REGULAR FERTILIZATION, MOWING AND WEED CONTROL; FREE OF OBJECTABLE WEEDS; UNIFORM IN GREEN COLOR, LEAF TEXTURE AND DENSITY; HEALTHY, VIGOROUS ROOT SYSTEM; INSPECTED AND FOUND FREE OF DISEASE, NEMATODES, PEST AND PEST LARVAE BY THE ENTOMOLOGIST OF THE STATE DEPARTMENT OF AGRICULTURE.
- 9.2. EACH PIECE OF SOD: SANDY-LOAM SOIL BASE THAT WILL NOT BREAK, CRUMBLE OR TEAR DURING SOD INSTALLATION.
- 9.3. THICKNESS: MINIMUM 3/4" THICK, EXCLUDING THE TOP GROWTH THATCH.
- 9.4. THATCH: NOT TO EXCEED 1/2" UNCOMPRESSED.
- 9.5. SIZE: CUT IN STRIPS 18" WIDE NO MORE THAN 24 HOURS PRIOR TO DELIVERY.
- 10. SOD DELIVERY, STORAGE AND HANDLING GUIDELINES ARE AS FOLLOWS:
- 10.1. SOD SHALL BE DELIVERED ON PALLETS PROPERLY LOADED ON VEHICLES AND WITH ROOT SYSTEM PROTECTED FROM EXPOSURE TO SUN, WIND, AND HEAT IN ACCORDANCE WITH STANDARD PRACTICE AND LABELED WITH BOTANICAL AND COMMON NAME OF EACH GRASS SPECIES IN ACCORDANCE WITH FEDERAL SEED ACT. SOD THAT HAS BEEN DAMAGED BY POOR HANDLING OR IMPROPER STORAGE IS SUBJECT TO REJECTION BY THE LANDSCAPE ARCHITECT OR OWNER.
- 10.2. PROTECT FROM DEHYDRATION, CONTAMINATION, FREEZING AND HEATING AT ALL TIMES. KEEP STORED SOD MOIST AND UNDER SHADE OR COVERED WITH MOISTENED BURLAP.
- 10.3. DO NOT DROP SOD ROLLS FROM CARTS, TRUCKS OR PALLETS.
- 10.4. DO NOT DELIVER MORE SOD THAN CAN BE INSTALLED WITHIN 36 HOURS. 10.5. DO NOT STACK SOD MORE THAN 2 FEET DEEP.

# 11. SEED/SODDED BED PREPARATION:

- 11.1. ALL DEBRIS, ROCKS, ETC. LARGER THAN .5" ARE TO BE REMOVED PRIOR TO SEEDING/SODDING OR PLANTING.
- 11.2. ALL AREAS TO BE SEEDED/SODDED ARE TO RECEIVE A MINIMUM OF 2" OF APPROVED TOPSOIL TILLED INTO A DEPTH OF 4" TO ENSURE INTEGRATION WITH EXISTING SOIL.
- 11.3. IF ON-SITE TOPSOIL IS NOT AVAILABLE, CONTRACTOR SHALL PROVIDE TO SITE ACCORDINGLY.

PLANT SCHEDULE								
TREES	QTY	BOTANICAL NAME	COMMON NAME	CALIPER	HEIGHT	B&B OR CONT.	SPACING (O.C.)	REMARKS
20000000	7	Amelanchier x grandiflora 'Autumn Brilliance'	Autumn Brilliance Apple Serviceberry		6`	CONTAINER	AS SHOWN	3-5 TRUNKS
+ **	9	Cercis canadensis	Eastern Redbud	1 1/2"	6`	CONTAINER	AS SHOWN	SINGLE TRUNK
	3	Prunus x yedoensis	Yoshino Cherry	1 1/2"	7`-8`	CONTAINER	AS SHOWN	SINGLE TRUNK
+	3	Quercus bicolor	Swamp White Oak	2 1/2"	12`	B&B	AS SHOWN	
	6	Quercus nuttallii 'Big Boy'	Big Boy Nuttall Oak	2 1/2"	12`	B&B	AS SHOWN	
	8	Quercus phellos 'QPSTA'	Hightower® Willow Oak	2 1/2"	12`	B&B	AS SHOWN	
Handra Color	3	Vitex agnus-castus 'Abbeville Blue'	Abbeville Blue Chaste Tree		5`-6`	CONTAINER	AS SHOWN	TREE FORM, 3-5 TRUNKS
	3	Zelkova serrata 'Village Green'	Village Green Japanese Zelkova	2 1/2"	12`	B&B	AS SHOWN	
SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	CONTAINER	HEIGHT	SPREAD	SPACING (O.C.)	REMARKS
$\odot$	11	Caryopteris x clandonensis 'Dark Knight'	Dark Knight Bluebeard		24" MIN.			
<b>(+)</b>	27	Distylium x 'Vintage Jade'	First Editions® Vintage Jade Distylium		18" MIN.	18" MIN.	AS SHOWN	
•	28	llex cornuta 'Burfordii Nana'	Dwarf Burford Holly		18" MIN.		AS SHOWN	
<b>(+</b> )	60	llex glabra 'Shamrock'	Shamrock Inkberry Holly		18" MIN.		36"	
$\odot$	136	llex vomitoria 'Nana'	Dwarf Yaupon Holly		18" MIN.	18" MIN.	AS SHOWN	
	20	Loropetalum chinense rubrum 'Fire Dance'	Fire Dance Fringe Flower		24" MIN.		48"	
GROUND COVERS	QTY	BOTANICAL NAME	COMMON NAME	CONTAINER	HEIGHT	SPREAD	SPACING (O.C.)	REMARKS
	155	Andropogon ternarius 'Black Mountain'	Black Mountain Splitbeard Bluestem		12" MIN.		15"	
	488	Carex texensis	Texas Sedge				12"	
	895	Nassella tenuissima	Mexican Feather Grass		12" MIN.		15"	
	6,550 sf	Zoysia x 'Emerald'	Emerald Zoysia					







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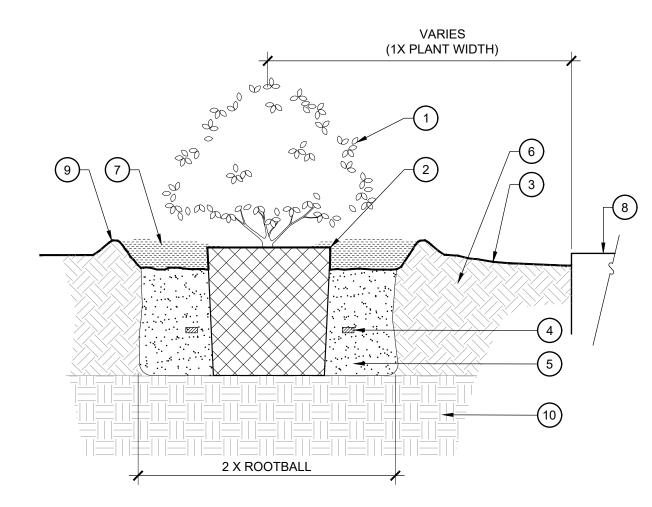
**APPEARANCE** COMMISSION DATE: 04/17/2024

PLANT SCHEDULE

SHEET NUMBER:

L401

& NOTES

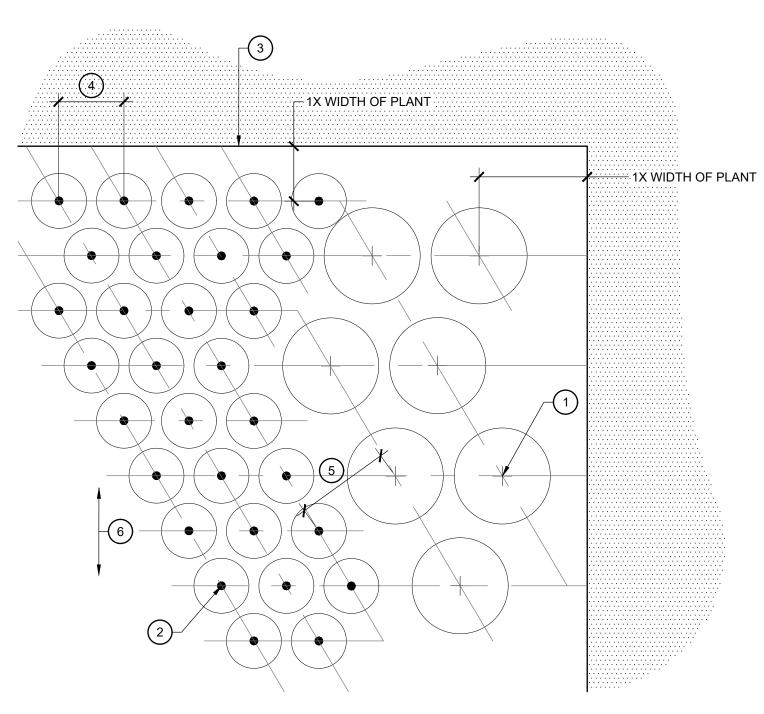


### <u>LEGEND</u>

- 1. SHRUB PER PLANS 2. SET ROOTBALL CROWN 1" ABOVE
- FINISH GRADE FINISH GRADE
- 4. PLANT FERTILIZER PER SPECIFICATIONS. INSTALL SO THAT
- THEY DO NOT TOUCH ROOTBALL 5. AMENDED BACKFILL MIX PER
- SPECIFICATIONS 6. COMPACTED SUBGRADE PER
- GEOTECHNICAL REPORT 7. MULCH PER SPECIFICATIONS;
- KEEP MULCH 4" 6" FROM TRUNK, STEMS, AND TAPER AT
- ROOTBALL 8. ADJACENT FINISHED SURFACE PER
- HARDSCAPE PLAN
- 9. 4" TALL EARTH BERM @ EDGE OF
- PLANT PIT, FIRMLY COMPACTED. 10. AMENDED PLANTING SOIL PER SPECIFICATIONS

### SECTION

SHRUB PLANTING

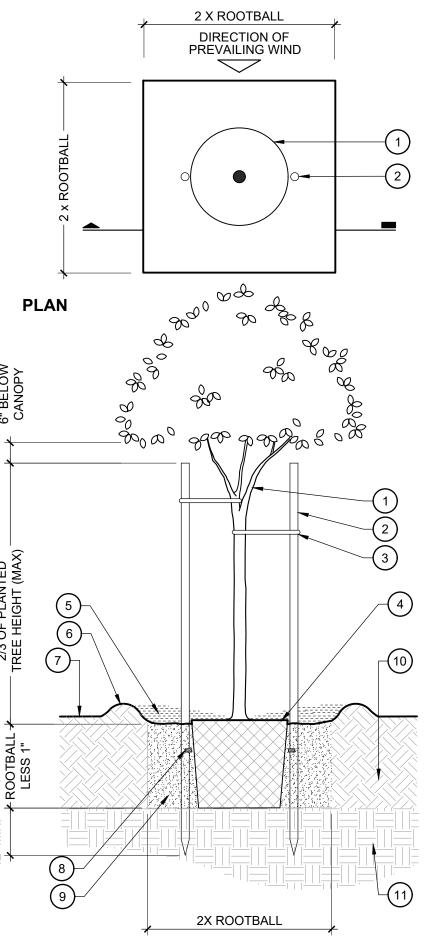


# <u>LEGEND</u>

- 1. PLANT TYPE 1 2. PLANT TYPE 2
- 3. ADJACENT EDGE OF PAVING, WALL, OR
- OTHER HARDSCAPE OBSTRUCTION 4. ON CENTER SPACING BETWEEN INDIVIDUAL PLANTS; DISTANCE VARIES PER PLANT TYPE, REFER TO PLANTING
- LEGEND 5. WHERE DISTINCT PLANT TYPES ARE ADJACENT, PROVIDE THE GREATER O.C. SPACING DISTANCE
- 6. ORIENTATION OF TRIANGULAR SPACING TO SLOPES

**PLAN VIEW** 

# PLANT SPACING AND OFFSET SCALE: 1" = 1'-0"

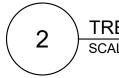


### <u>LEGEND</u>

- TREE AND ROOTBALL PER PLAN
  TREE STAKES PER SPECIFICATIONS
- 3. TREE TIES PER SPECIFICATIONS
- 4. SET ROOTBALL AT 2" ABOVE FINISH GRADE AT EXISTING SLOPE
- MULCH PER SPECIFICATIONS
- 6. 4" HIGH EARTH BERM AT EDGE OF PLANT PIT, FIRMLY COMPACTED FINISHED GRADE
- 8. PLANT FERTILIZER PER SPECIFICATIONS. INSTALL SO THAT THEY DO NOT TOUCH
- ROOTBALL 9. PLANTING BACKFILL MIX PER
- **SPECIFICATIONS** 10. RIPPED AND RECOMPACTED SOIL
- AMENDED PER SPECIFICATIONS 11. EXISTING UNDISTURBED SOIL

### <u>NOTES</u>

- A. REFER TO PLANTING SPECIFICATION FOR
- ADDITIONAL INFORMATION B. KEEP MULCH 12" AWAY FROM STEMS AND
- TAPER AT ROOTBALL
- C. TAPER MULCH TO 2" DEPTH AT FLATWORK
- D. SET ROOTBALL ON COMPACTED SOIL

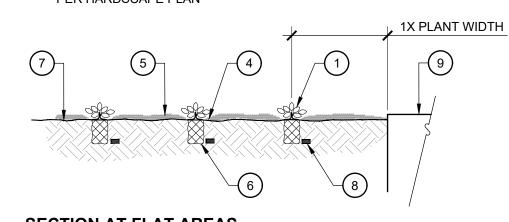


SECTION

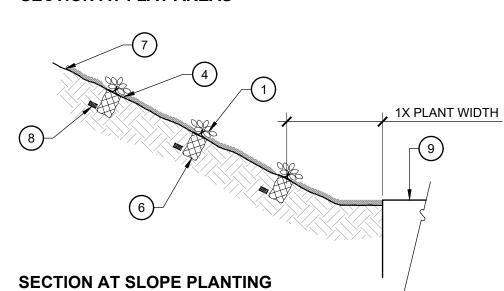
### TREE PLANTING SCALE: 1/2" = 1'-0"

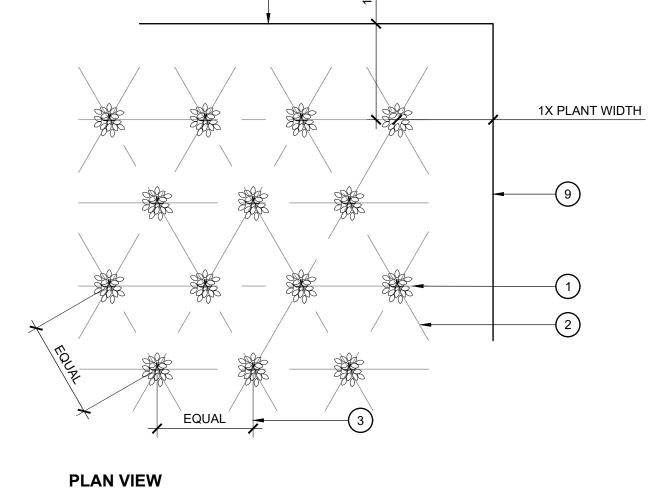
# <u>LEGEND</u>

- GROUNDCOVER PLANT 2. TRIANGULAR SPACING (TYP.),
- UNLESS OTHERWISE SPECIFIED 3. SPACING INDICATED PER
- PLANTING LEGEND 4. SET ROOTCROWN ABOVE FINISH
- GRADE
- 5. MULCH PER SPECIFICATIONS 6. ROOTBALL
- . FINISH GRADE 8. PLANT FERTILIZER PER
- SPECIFICATIONS. INSTALL SO THAT THEY DO NOT TOUCH
- ROOTBALL 9. ADJACENT FINISHED SURFACE PER HARDSCAPE PLAN



# **SECTION AT FLAT AREAS**



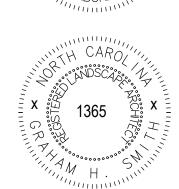


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GROUNDCOVER PLANTING SCALE: 1" = 1'-0"

LANDSCAPE ARCHITECTURE 1620 Hillsborough St | Suite 100 Raleigh, NC 27605 919.805.3586





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APPEARANCE COMMISSION DATE: 04/17/2024

PLANTING **DETAILS** 

SHEET TITLE:

L402

SHEET NUMBER: