

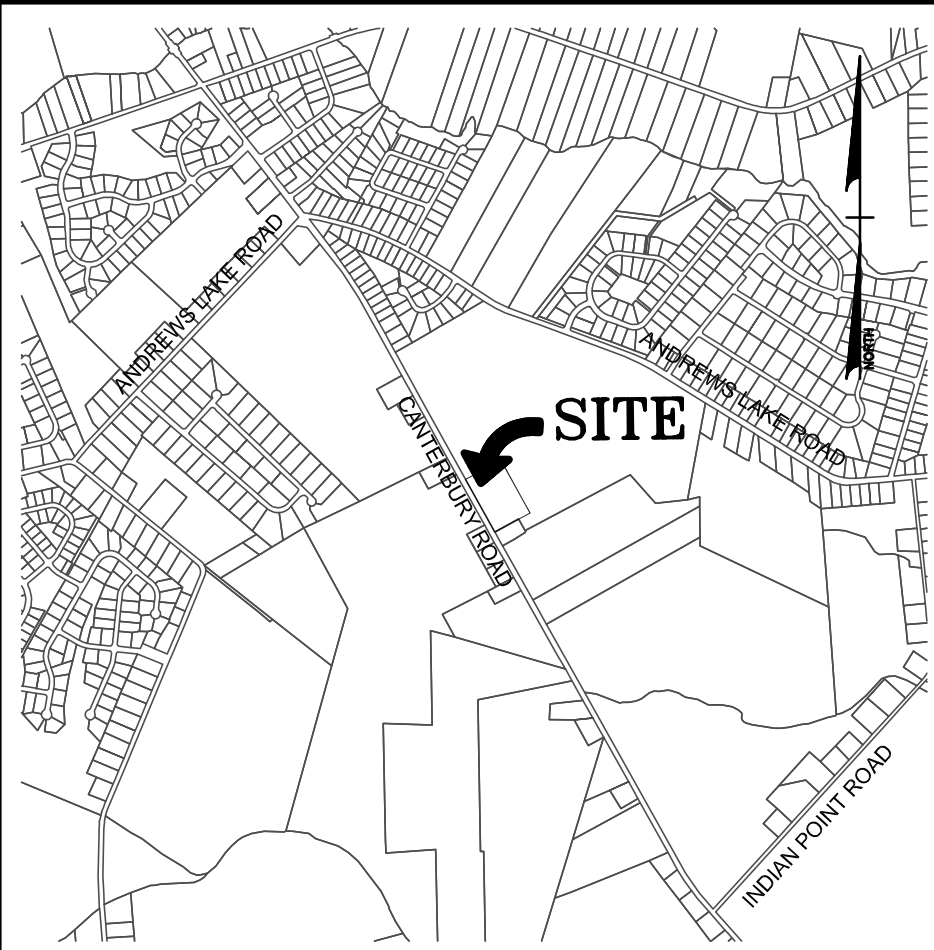
L:\3200s\04-49\3213\Felton Viola Methodist Church.dwg 12/19/2024 1:40:22 PM EST

TAX MAP PARCEL NO.: 8-00-129.00-02-23.01-000  
ZONING: AC  
EXISTING USE: AGRICULTURE (VACANT)  
AREA: 255,095.6± SQ.FT. (5,8562± AC)  
ZONING: AC  
SEWER: NONE  
WATER: NONE  
FEMA PANEL NO.: 10001C0245J  
MONUMENTS FOUND: 4  
STRUCTURES: AS SHOWN  
EASEMENTS: NONE  
YARDS AND SETBACKS: 40 FT. FROM STREET R.O.W.  
FRONT YARD: 25 FT.  
REAR YARD: 10 FT.  
SIDE YARD: 10 FT.  
IMPERVIOUS COVERAGE PERMITTED: 25 PERCENT  
DENSITY ALLOWED (NUMBER OF LOTS PER GROSS ACRE): 0.1708  
RELATION TO GROWTH ZONE: INSIDE  
ROADWAY CLASSIFICATION: MINOR ARTERIAL  
STATE ROUTE #15 (CANTERBURY ROAD, K33) 200 FT. ALONG STATE OR COUNTY ROAD  
MINIMUM FRONTAGE: HORIZONTAL - STATE PLANE  
DATUM: VERTICAL - NAVD 1988

DATA COLUMN

SOIL LEGEND

leB - Ingleside loamy sand  
HbA - Hambrook sandy sand  
HbB - Hambrook sandy loam  
SacB - Sassafras sandy loam  
SadA - Sassafras sandy loam

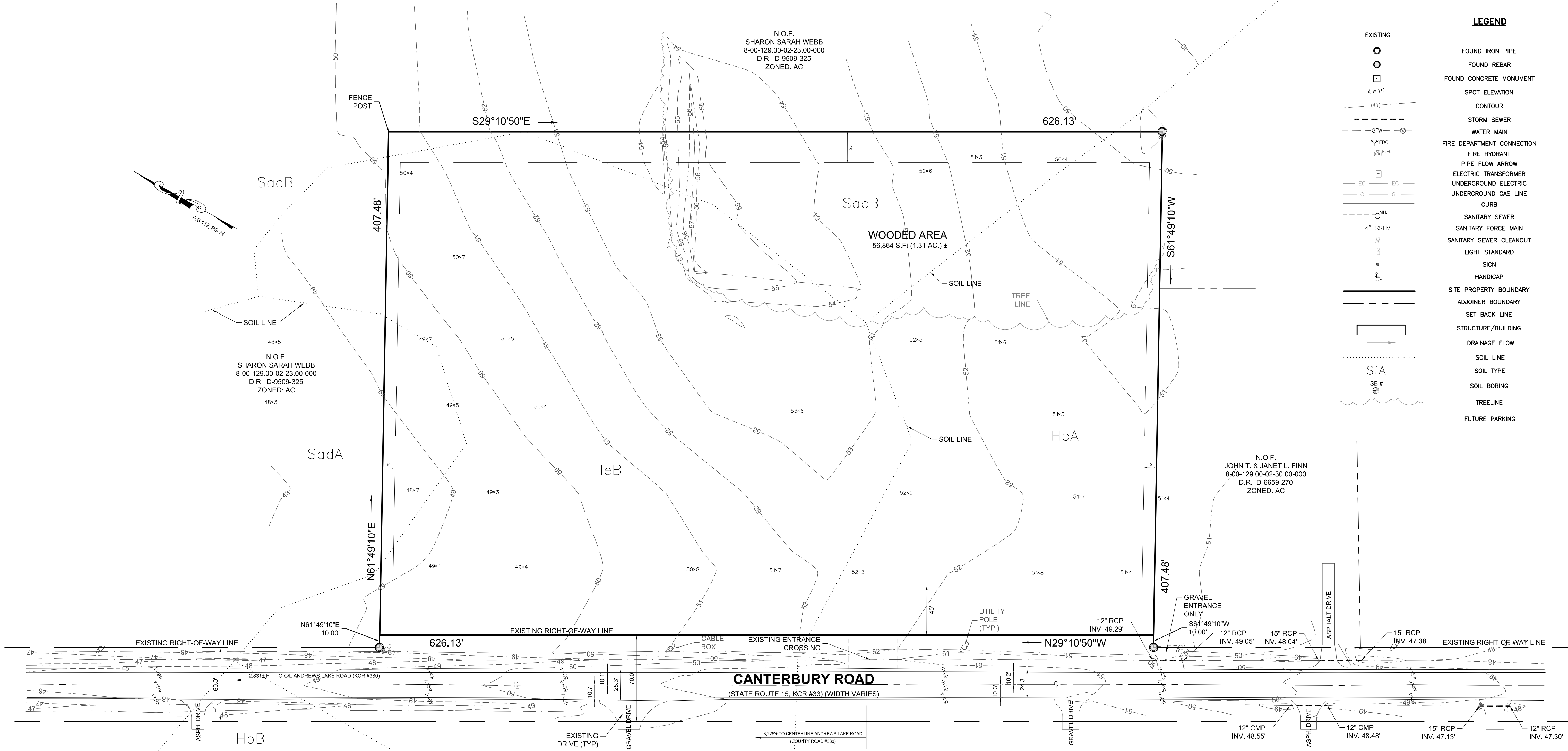


LOCATION MAP

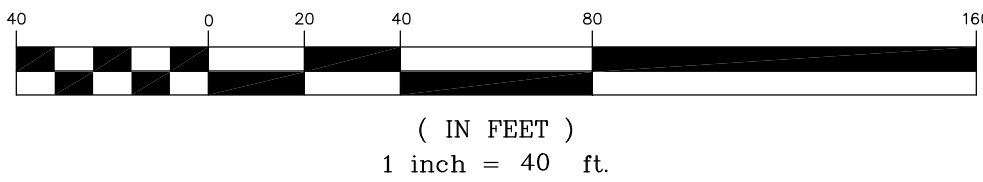
SCALE: 1"=2000'

LEGEND

EXISTING  
○  
○  
4" x 10"  
(41)  
8" W  
FDC  
F.H.  
EG  
G  
MH  
4" SSFM  
FOUND IRON PIPE  
FOUND REBAR  
FOUND CONCRETE MONUMENT  
SPOT ELEVATION  
CONTOUR  
STORM SEWER  
WATER MAIN  
FIRE DEPARTMENT CONNECTION  
PIPE FLOW ARROW  
ELECTRIC TRANSFORMER  
UNDERGROUND ELECTRIC  
UNDERGROUND GAS LINE  
CURB  
SANITARY SEWER  
SANITARY FORCE MAIN  
SANITARY SEWER CLEANOUT  
LIGHT STANDARD  
SIGN  
HANDICAP  
SITE PROPERTY BOUNDARY  
ADJOINER BOUNDARY  
SET BACK LINE  
STRUCTURE/BUILDING  
DRAINAGE FLOW  
SOIL LINE  
SOIL TYPE  
SOIL BORING  
TREELINE  
FUTURE PARKING



GRAPHIC SCALE



OWNER  
FELTON UNITED METHODIST CHURCH, INC.  
101 E. MAIN STREET  
P.O. BOX 247  
FELTON, DE 19943

CLASS "B" SURVEY

REVISIONS

DATE

DATE

KENT COUNTY FILE NO. CS-25-02  
EXISTING CONDITIONS PLAN  
FOR  
FELTON UNITED METHODIST CHURCH, INC.  
CANTERBURY ROAD, FELTON, DE 19943  
SITUATE IN: NORTH MURDERKILL HUNDRED, KENT COUNTY, DELAWARE

ISSUED FOR  
AGENCY REVIEW

SURVEYED BY: A.M.W.  
DESIGNED BY: S.E.I.  
DRAWN BY: G.R.S.  
CHECKED BY: G.R.S.  
SCALE: 1" = 40'  
DATE: 12/11/24  
DWG. NO.: 3213

SHEET NO. C-1







LANDSCAPE REQUIREMENTS:

- KENT COUNTY CODE SECTION 171-7 REQUIRES PARKING LOTS TO HAVE NO LESS THAN ONE DECIDUOUS TREE PER FOUR (4) PARKING SPACES. THE PERIMETER OF THE PARKING LOT MAY INCORPORATE UP TO 35 PERCENT OF THE REQUIRED INTERIOR PARKING LOT TREES. THE NUMBER OF DECIDUOUS TREES NEEDED IS 13 TREES.
- THE PARKING LOT PERIMETER SHALL HAVE A MINIMUM FIVE (5) FOOT WIDE PLANTED BUFFER, WHICH SHALL BE INCREASED TO SEVEN (7) FOOT WHERE PARKING IS PERPENDICULAR TO THE BUFFER. PLANTINGS SHALL BE 3 FOOT MINIMUM HEIGHT ALONG RIGHTS-OF-WAYS AND PROPERTY LINES WHERE PARKING IS ADJACENT TO PROPERTIES ZONED FOR NONRESIDENTIAL USE. PLANTINGS SHALL BE 6 FOOT MINIMUM HEIGHT ALONG PROPERTY LINES ADJACENT TO PROPERTIES ZONED FOR RESIDENTIAL USES.
- INSIDE THE GROWTH ZONE, ADDITIONAL TREES SHALL EXIST OR BE PLANTED TO MEET A RATE OF ONE TREE PER 5,000 SQUARE FEET OF SITE AREA FOR NONRESIDENTIAL USE. TOTAL TREES REQUIRED: 52.
- LANDSCAPE CONTRACTOR SHALL HAVE ALL UTILITIES MARKED PRIOR TO PLANTING AND MAKE ADJUSTMENTS TO TREE LAYOUT SO THAT ALL TREES SHALL BE PLANTED A MINIMUM OF 10' FROM ALL UTILITIES. OBTAIN APPROVAL BY THE LANDSCAPE ARCHITECT PRIOR TO PLANTING.
- ALL TREE PLANTINGS TO HAVE A ONE-YEAR FULL-PRICE REPLACEMENT GUARANTEE BY APPLICANT FROM DATE OF SUBSTANTIAL COMPLETION.

LANDSCAPE CALCULATIONS:

TOTAL PARKING DECIDUOUS TREES REQUIRED	13
MINIMUM TREES (INTERIOR)	9
MAXIMUM TREES ALLOWED (PERIMETER)	4
TOTAL PARKING DECIDUOUS TREES PROPOSED	13
INTERIOR	10
PERIMETER	3
TOTAL SHRUBS PROPOSED	57
ADDITIONAL TREES REQUIRED (1 TREE PER 5,000 S.F. OF LOT AREA)	52

LANDSCAPE LEGEND

CANOPY TREE

FLOWERING TREE

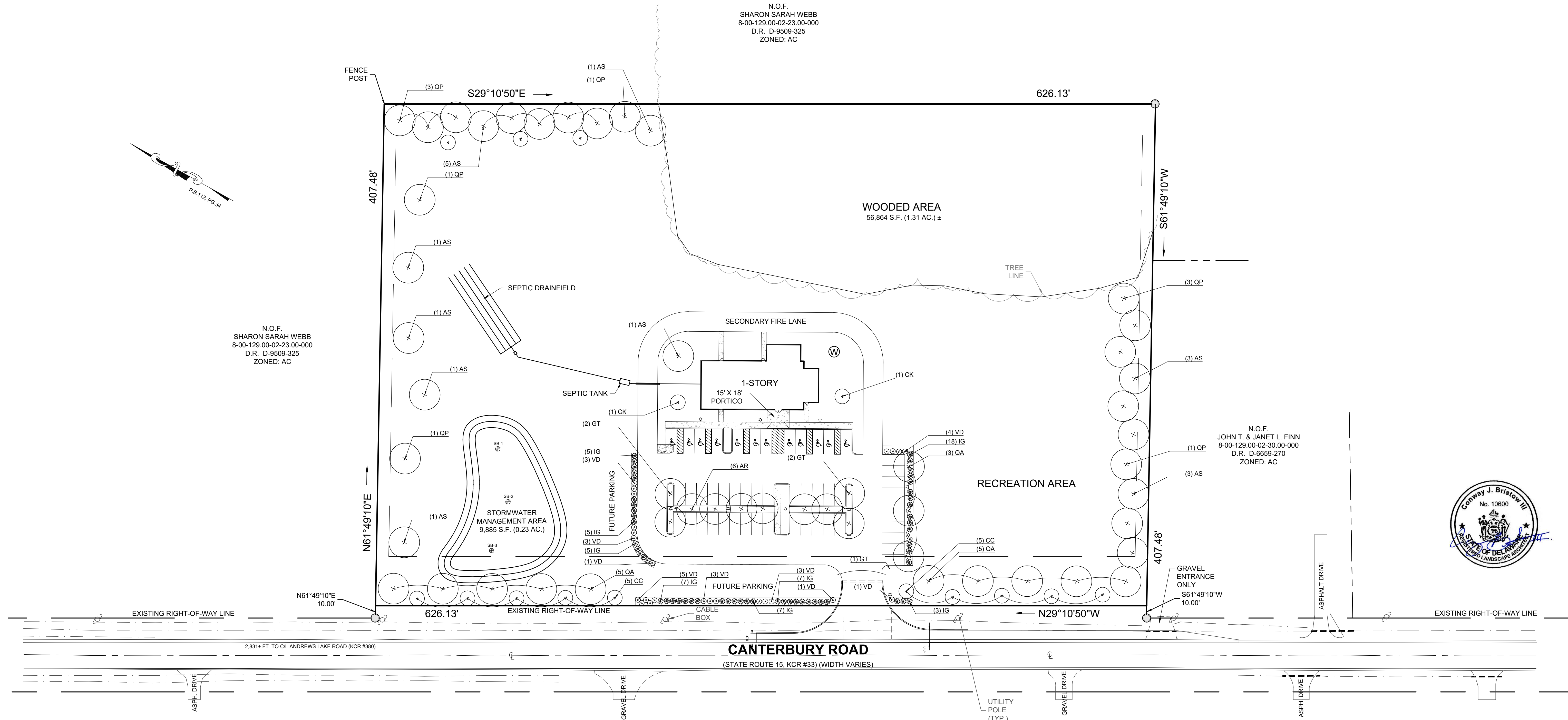
EVERGREEN SHRUB

DECIDUOUS SHRUB

LANDSCAPE SCHEDULE

KEY	BOTANIC NAME	COMMON NAME	QUANTITY	SIZE	REMARKS
AR	Acer rubrum 'October Glory'	October Glory Red Maple	6	2" Cal.	B&B Full Heavy Vigorous
AS	Acer saccharum 'Green Mountain'	Sugar Maple	17	2" Cal.	B&B Full Heavy Vigorous
CC	Cercis canadensis	Redbud	10	2" Cal.	B&B Full Heavy Vigorous
CK	Cornus kousa	Kousa Dogwood	2	2" Cal.	B&B Full Heavy Vigorous
GT	Gleditsia triacanthos 'Christie'	Honey Locust	4	2" Cal.	B&B Full Heavy Vigorous
IG	Ilex glabra 'Compacta'	Compact Ink Berry Holly	39	2-2.5"	B&B Full Heavy Vigorous
VD	Viburnum dentatum 'Blue Muffin'	Arrowwood Viburnum	24	2-2.5"	B&B Full Heavy Vigorous
QA	Quercus alba	White Oak	17	2" Cal.	B&B Full Heavy Vigorous
QP	Quercus phellos	Willow Oak	13	2-2.5"	B&B Full Heavy Vigorous

NOTE: In the event that there is a discrepancy between the quantity of plant material on the Plan Drawing and the quantity in the Plant List, the quantity of plant material on the plan drawing shall govern.



ENGINEER'S CERTIFICATION

OWNER'S CERTIFICATION

LANDSCAPE ARCHITECT CERTIFICATION

I, CONWAY J. BRISTOW III, HEREBY CERTIFY THAT I AM A REGISTERED LANDSCAPE ARCHITECT IN THE STATE OF DELAWARE. THAT THE INFORMATION SHOWN HEREON HAS BEEN PREPARED UNDER MY SUPERVISION AND TO MY BEST KNOWLEDGE AND BELIEF REPRESENTS GOOD LANDSCAPE ARCHITECTURAL PRACTICES AS REQUIRED BY THE APPLICABLE LAWS OF THE STATE OF DELAWARE.

Conway J. Bristow III, PLA #10600

12.20.2024

DATE

OWNER

FELTON UNITED METHODIST CHURCH, INC.  
101 E. MAIN STREET  
P.O. BOX 247  
FELTON, DE 19943

CLASS "B" SURVEY

REVISIONS

DATE

DATE

KENT COUNTY FILE NO. CS-25-02

LANDSCAPE PLAN

FOR  
FELTON UNITED METHODIST CHURCH, INC.

CANTERBURY ROAD, FELTON, DE 19943

SITUATE IN: NORTH MURDERKILL HUNDRED, KENT COUNTY, DELAWARE

ISSUED FOR  
AGENCY REVIEW

SURVEYED BY:	A.M.W.
DESIGNED BY:	G.R.S.
DRAWN BY:	S.E.I.
CHECKED BY:	G.R.S.
SCALE:	1" = 40'
DATE:	12/11/24
DWG. NO.:	3213
SHEET NO.	C-3

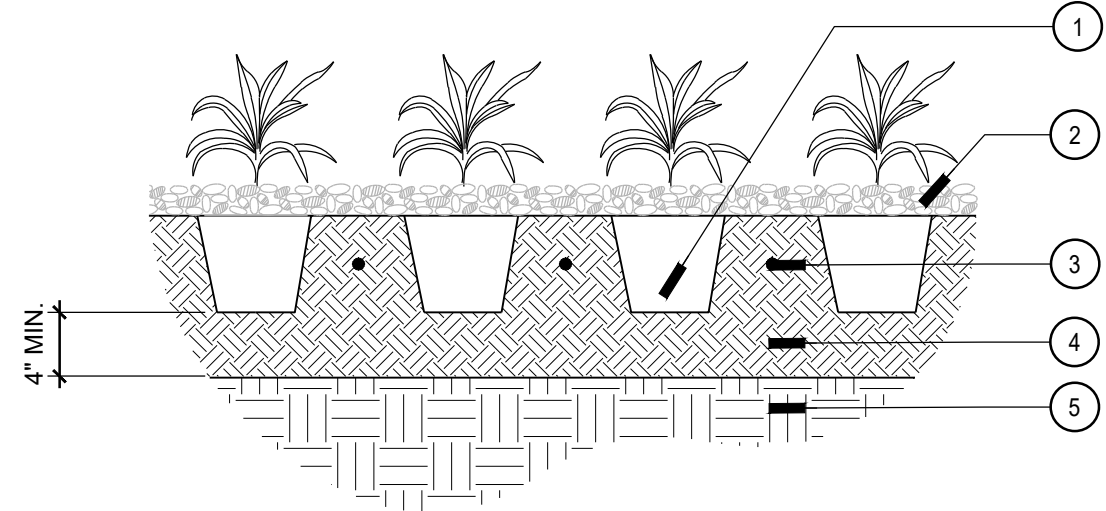


PLANT QUALITY

- PLANT NAMES INDICATED COMPLY WITH STANDARDIZED PLANT NAMES AS ADOPTED BY THE LATEST EDITION OF THE AMERICAN JOINT COMMITTEE OF HORTICULTURAL NOMENCLATURE. PROVIDE STOCK TRUE TO BOTANICAL NAME LEGIBLY TAGGED.
- ALL PLANT MATERIALS SHALL BE OF 'SPECIMEN' QUALITY, HAVE DENSELY DEVELOPED BRANCHES, FRESHLY DUG WITH VIGOROUS, FIBROUS ROOT SYSTEM. PLANTS SHALL BE HEALTHY, FREE FROM DISEASE, ALL FORMS OF INSECT INFESTATIONS OR OTHER PHYSICAL DEFORMITIES. ALL PLANTS SHALL CONFORM TO GRADING AND SIZING STANDARDS OF THE LATEST EDITION OF AMERICAN STANDARDS FOR NURSERY STOCK. STOCK FURNISHED SHALL BE AT LEAST THE MINIMUM SIZE INDICATED WITH 25% AS THE MINIMUM AND 75% AS THE MAXIMUM SIZE INDICATED.
- OWNER, DEVELOPER, OR LANDSCAPE ARCHITECT RESERVES THE RIGHT TO REJECT ANY MATERIALS DUE TO POOR QUALITY, SIZE OR IMPROPER HANDLING. ALL REJECTED MATERIALS SHALL BE REMOVED FROM THE SITE AND REPLACED WITH ACCEPTABLE MATERIALS AT NO ADDITIONAL COST.
- ALL PLANT MATERIALS SHALL BE COVERED DURING TRANSPORT TO PREVENT WIND BURNING. ALL PLANTS SHALL BE PLANTED IMMEDIATELY UPON DELIVERY OR 'HEELED IN' IN A MANNER ACCEPTABLE TO THE LANDSCAPE ARCHITECT. HANDLE ALL PLANTS BY THE ROOT SYSTEM.
- CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT PRIOR TO STARTING INSTALLATION FOR INSPECTIONS OF PLANT LOCATIONS, QUANTITIES, QUALITY AND SIZE AND UPON COMPLETION FOR FINAL INSPECTION OF PLANTING, MULCHING, STAKING AND CLEAN UP.

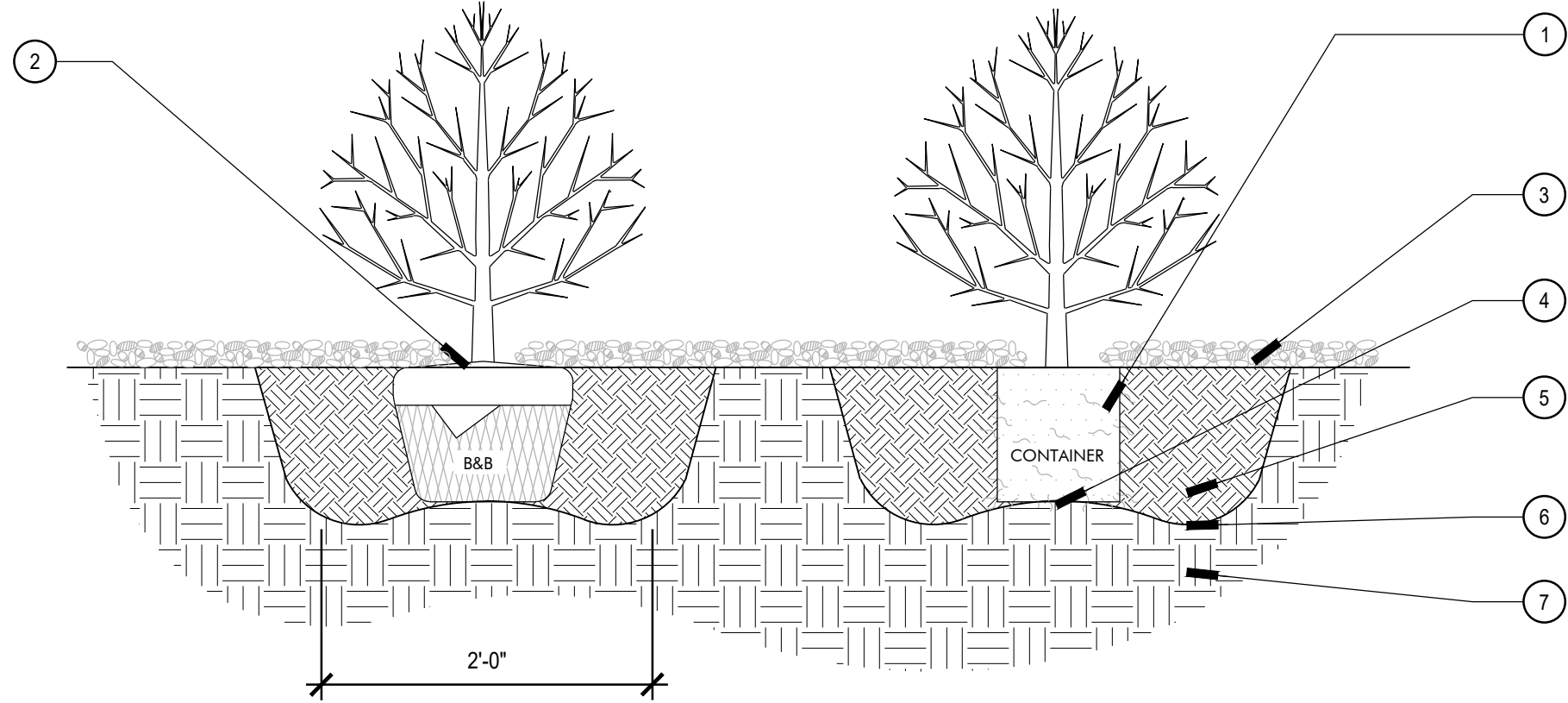
PLANTING IMPLEMENTATION

- PLANTING PITS : EXCAVATED CIRCULAR PITS WITH VERTICAL SIDES. PROVIDE SHRUB PITS 24" GREATER THAN THE DIAMETER OF THE ROOT SYSTEM AND 48" GREATER FOR TREES. (DEPTH OF PIT TO ACCOMMODATE ROOT SYSTEM) SCARIFY THE BOTTOM OF THE PIT TO A DEPTH OF 4" BELOW DEPTH OF BALL.
- PLANTING MIX: PROVIDE WEED AND SEED FREE HUMUS OR PEAT MOSS. MIX ONE (1) PART HUMUS TO FOUR (4) PARTS EXISTING TOP SOIL. MIX THOROUGHLY WITH A 12-12-12 FERTILIZER ACCORDING TO THE MANUFACTURERS' DIRECTIONS.
- SET PLANTS: PLACE IN PIT TO PROPER GRADE AND ALIGNMENT. SET PLANTS UPRIGHT, PLUMB AND FACED TO GIVE THEIR BEST APPEARANCE. SET PLANTS WITH BALL 2" TO 3" ABOVE FINISHED GRADE. DO NOT FILL OVER BALL, STEMS, OR TRUNK. BACKFILL AND TAMP PLANTING MIX IN 4" LAYERS. CUT AND REMOVE TOP 1/3 OF BURLAP. ALL LACING, ROPES, WIRES, STRINGS OR WIRE BASKETS. FORM A SOIL RING AROUND BALL ABOVE FINISHED GRADE. THOROUGHLY WATER IN PLANTING MIX TO FILL ALL VOIDS AND FILL RIM OF PIT.
- MULCH: MULCH ALL PLANTS WITH 3" OF AN APPROVED MULCH WITHIN 48 HOURS AFTER PLANTING. APPLY AN APPROVED PRE-EMERGENT WEED CONTROL ACCORDING TO MANUFACTURERS DIRECTIONS IN ALL PLANTING BEDS PRIOR TO MULCHING.
- STAKING: ALL TREES SHALL BE STAKED. TREES UNDER 3" IN CALIPER SHALL HAVE 2 STAKES. TREES OVER 3" IN CALIPER SHALL HAVE 3 STAKES. STAKES SHALL BE EVENLY SPACED AND DRIVEN FIRMLY INTO UNDISTURBED SUBSOIL. PLACE STAKES PARALLEL TO WALKS, ROADS AND BUILDINGS.
- PRUNING: PRESERVE NATURAL SHAPE OF PLANT. DO NOT CUT THE CENTRAL LEADER OF TREES. REMOVE OR CUT BACK DAMAGED OR UNSYMMETRICAL GROWTH.
- ANTI-DISICANT: APPLY "WILT PROOF" OR EQUIVALENT TO ALL PLANTS. APPLY OVER ALL PLANT LEAVES OR NEEDLE AREAS ACCORDING TO MANUFACTURE'S DIRECTIONS.
- GROUNDCOVER AND PERENNIAL BEDS: STRIP EXISTING LAWN OR WEEDS. SPREAD A 1" LAYER OF PEAT MOSS OR APPROVED HUMUS ON ENTIRE AREA. APPLY 8-18-10 FERTILIZER ACCORDING TO MANUFACTURER'S DIRECTIONS. ROTO-TILL ENTIRE AREA TO A DEPTH OF 6". FINE GRADE BED. APPLY APPROVED PRE-EMERGENT WEED CONTROL ACCORDING TO MANUFACTURER'S DIRECTIONS. MULCH ENTIRE AREA WITH 2" MULCH AS SPECIFIED. PLANT GROUNDCOVERS AND PERENNIALS THROUGH MULCH INTO SOIL AND WATER.
- TOPSOIL SHALL BE SANDY LOAM. IT SHALL NOT HAVE A MIXTURE OF SUBSOIL AND SHALL NOT CONTAIN CINDERS, STONES, LUMPS, STICKS, ROOTS OR OTHER EXTRANEOUS MATTER LARGER THAN 1/2" DIAMETER. TOPSOIL MUST BE FREE OF WIREGRASS, QUACKGRASS, NUTSEDGE, POISON IVY, OR CANADA THISTLE. TOPSOIL SHALL HAVE A pH OF 5.5 - 7.5 AND NOT HAVE SOLUBLE SALTS HIGHER THAN 500 PARTS PER MILLION. PROVIDE CERTIFICATION FROM A RECOGNIZED LABORATORY.
- ALL PLANT MATERIALS FURNISHED BY THE LANDSCAPE CONTRACTOR FOR THIS CONTRACT SHALL BE GUARANTEED FOR 100 % OF THE COST OF REPLACEMENT (MATERIALS AND LABOR), TO LIVE AND REMAIN IN A HEALTHY, VIGOROUS CONDITION, FOR A PERIOD OF (1) YEAR AFTER COMPLETION AND ACCEPTANCE BY THE OWNER AND DEVELOPER. ANY PLANTS THAT REMAIN UNHEALTHY OR HAVE LOST THEIR SHAPE DUE TO DEAD BRANCHES OR OTHERWISE ARE UNACCEPTABLE IN THE OPINION OF THE LANDSCAPE ARCHITECT, SHALL BE REMOVED AND REPLACED AT NOT ADDITIONAL COST TO THE OWNER OR DEVELOPER. GUARANTEE SHALL NOT INCLUDE DAMAGE OR LOSS OF PLANTS, MATERIALS, ET, CAUSED BY FIRE, FLOODS FREEZING RAINS, LIGHTNING STORMS OR WINDS (OVER 76 MPH), ACTS OF VANDALISM OR NEGLIGENCE ON THE PART OF THE OWNER OR DEVELOPER. REMOVE ALL STAKES AND GUYS FROM PLANTS AT THE END OF THE ONE YEAR GUARANTEE PERIOD. REPLACEMENT PLANTS SHALL BE GUARANTIED FOR AN ADDITIONAL YEAR AFTER INSTALLATION.
- MAINTAIN PLANTINGS & SEED AND/OR SOD UNTIL COMPLETION AND ACCEPTANCE BY OWNER OF ENTIRE PROJECT. MAINTENANCE SHALL INCLUDE MOWING, PRUNING, CULTIVATION, WEEDING, WATERING, AND APPLICATION OF APPROPRIATE INSECTICIDES & FUNGICIDES AS NECESSARY TO MAINTAIN PLANTS & SEEDING/SODDING FROM INSECTS & DISEASE.
- THE LANDSCAPE CONTRACTOR SHALL BE REQUIRED TO DELIVER TO THE OWNER OR DEVELOPER A COMPLETE RELEASE OF LIENS THAT MAY ARISE OUT OF THIS CONTRACT OR RECEIPTS PAID IN FULL IN LIEU THEREOF.



NOTES:  
1. PLACE PLANTS IN PREPARED BED AS SPECIFIED.  
2. SPACING AS SPECIFIED IN PLANT LIST (SEE PLANS).  
3. PLACE PLANTS AROUND PLANTING BED EDGE FIRST, AND FILL INSIDE.

- ROOTBALL, LOOSEN BY HAND
- 2-3" MULCH, KEEP 2" AWAY FROM STEMS
- FERTILIZER TABS OR TREAT BED WITH OTHER APPROVED ALTERNATE
- AMENDED TOPSOIL
- UNDISTURBED SOIL



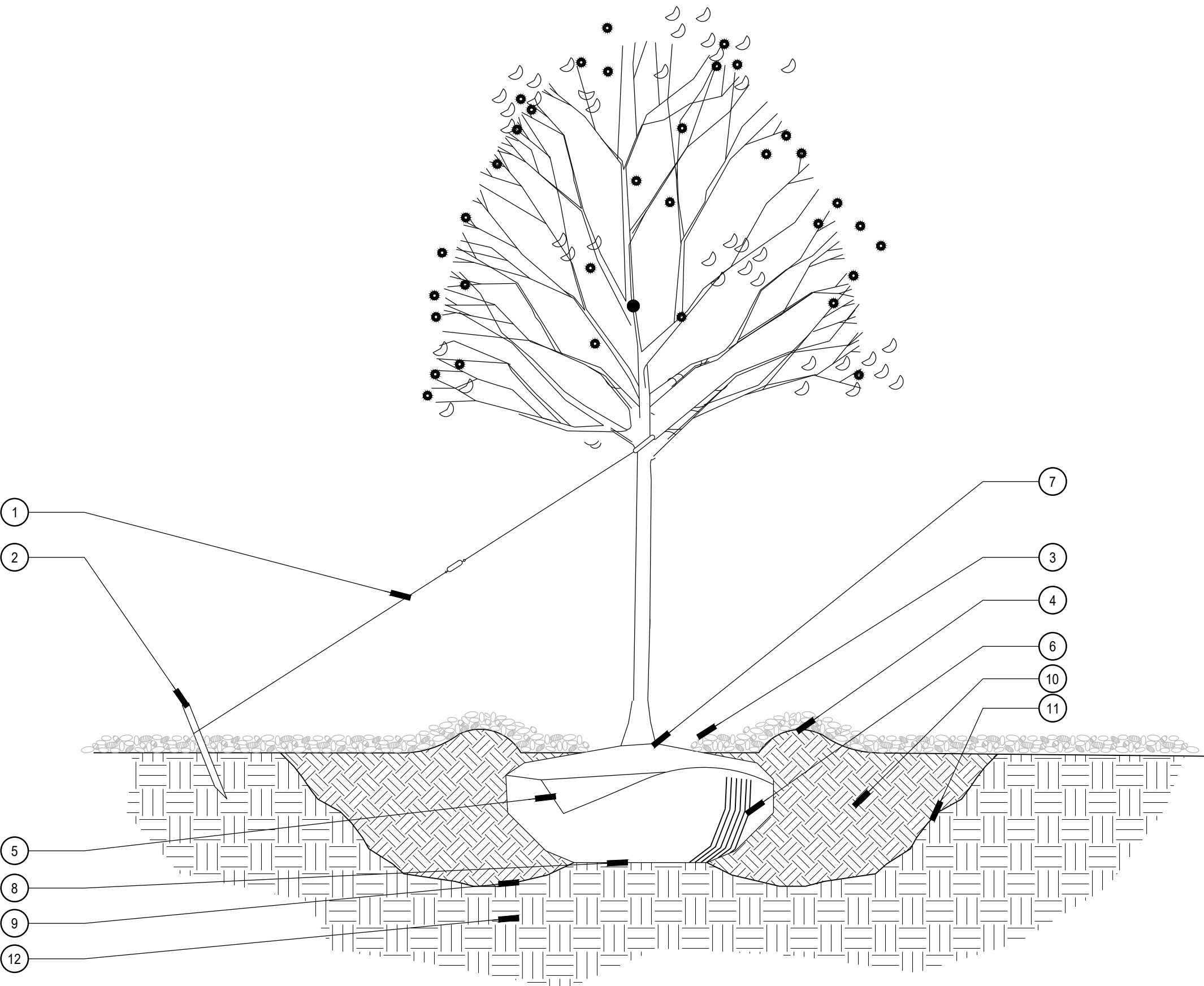
- CONTAINER GROWN: BY HAND OR SMALL HAND TOOLS, PULL THE ROOTS OUT OF THE OUTER LAYER OF POTTING SOIL. CUT OR PULL APART ANY ROOTS THAT CIRCLE THE CONTAINER.
- - 
  - 2-3" MULCH, KEEP 2" AWAY FROM STEMS
  - PLACE SHRUB ON FIRM SOIL IN BOTTOM OF HOLE
  - AMENDED TOPSOIL
  - SOIL SURFACE TO BE ROUGHENED TO BIND WITH NEW SOIL
  - UNDISTURBED SOIL

## 01 PERENNIAL/GROUNDCOVER PLANTING

SCALE: 1" = 1'-0"

## 02 SHRUB PLANTING

SCALE: 1" = 1'-0"



## 03 TREE PLANTING

SCALE: 1" = 1'-0"

- TREE STRAP OR ARBOR TIE. WEATHER RESISTANT WEBBING, 900 LB TENSILE STRENGTH. WHITE IN COLOR. EQUALLY SPACED AROUND TREE.
- 2"x2" WOODEN STAKE DRIVEN SECURELY INTO SOIL. 3 PER TREE OVER 3" CAL. 2 PER TREE UNDER 3" CAL.
  - 2-3" MULCH, KEEP 4" AWAY FROM TRUNK
  - 4" MOUNDED TOPSOIL SAUCER
  - FOLD BURLAP 1/3 AWAY FROM ROOTBALL
  - CUT BANDS OF WIRE BASKET AND FOLD AWAY FROM ROOTBALL
  - SET ROOTBALL AT GRADE, OR SEVERAL INCHES HIGHER IN POOR DRAINING SOILS
  - PLACE ROOTBALL IN FIRM SOIL AT BOTTOM OF HOLE
  - TAMP SOIL FIRMLY AROUND ROOTBALL

- AMENDED TOPSOIL
- DIG WIDE, SHALLOW HOLE WITH TAMPED SIDES 2 TIMES THE ROOTBALL DIAMETER
- UNDISTURBED SOIL

### LANDSCAPE ARCHITECT CERTIFICATION

I, CONWAY J. BRISTOW, DO HEREBY CERTIFY THAT I AM A REGISTERED LANDSCAPE ARCHITECT IN THE STATE OF DELAWARE, AND TO MY BEST KNOWLEDGE AND BELIEF, I HAVE COMPLIED WITH ALL THE REQUIREMENTS OF THE DELAWARE LANDSCAPE ARCHITECTURAL ACT AS REQUIRED BY THE APPLICABLE LAWS OF THE STATE OF DELAWARE.

Conway J. Bristow

CONWAY J. BRISTOW M. PLA #10600

12/20/2024  
DATE



KENT COUNTY FILE NO. CS-25-02  
LANDSCAPE PLAN  
FOR  
FELTON UNITED METHODIST CHURCH, INC.  
CANTERBURY ROAD, FELTON, DE 19943  
SITUATE IN: NORTH MURDERKILL HUNDRED, KENT COUNTY, DELAWARE

### ISSUED FOR AGENCY REVIEW

SURVEYED BY: A.M.W.  
DESIGNED BY: G.R.S.  
DRAWN BY: S.E.I.  
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SCALE: 1" = 40'  
DATE: 12/11/24  
DWG. NO.: 3213

SHEET NO. C-4

REVISIONS					
DATE					

DATE	
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HARBOR GROUP  
85 HENLOPEN GARDENS  
LEWES, DE 19958  
302.690.6760  
WWW.HARBORGROUPE.COM

HC

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