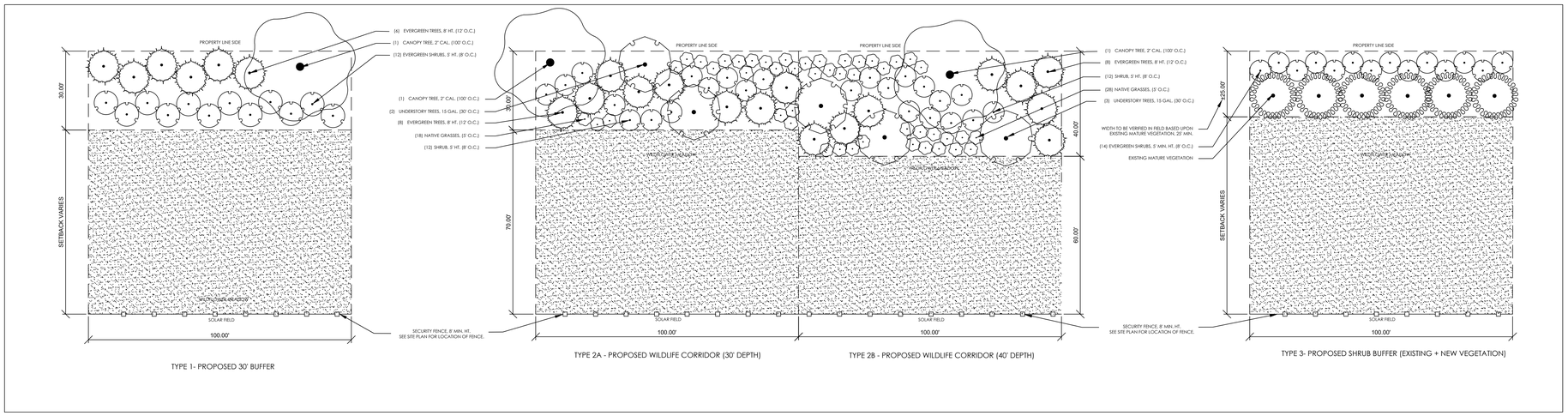
CONCEPT PLAN: NORTH
CONCEPT PLAN: SOUTH

PROJECT BOUNDARY, TYP.
120' FRONT SETBACK, TYP.
PROPOSED SHRUB BUFFER (TYPE 3) : SHRUBS IN ADDITION TO EXISTING VEGETATION, TYP
PROPOSED SOLAR FIELD FENCE,TYP.
ARRAY ENVELOPE AREA, TYP.
120.00'
SOLAR AREA 4
SOLAR AREA 3
SOLAR AREA 3
SOLAR AREA 5
SOLAR AREA 6
HICKORY LINCOLNTON HIGHWAY
APPROXIMATE LOCATION OF EXISTING STREAM WITH 30' STREAM BUFFER, TYP.
PROPOSED 30' BUFFER (TYPE 1), TYP.
100' SIDE/REAR SETBACK, TYP.
APPROXIMATE LIMIT OF PROJECT DISTURBANCE, TYP.
100.00'
75.00'
MODIFIED SETBACK (±75' WIDTH) NOTE: COUNTY REQUIREMENT IS 50' MINIMUM.
PROPOSED CONTOURS, TYP.
PROPOSED INTERNAL ROAD, TYP.
PROPOSED INVERTER, TYP. (10' MAX. HT.)
TEMPORARY SEDIMENT BASIN, TYP.
ROSEDALE POINT
SOUTH FORK OF THE CATAWBA RIVER
100' BUFFER AND REAR SETBACK, TYP.
WETLAND, TYP.
SOUTH FORK CATAWBA RIVER
±125 ACRE PROPOSED CONSERVATION EASEMENT DEDICATED TO CATAWBA LANDS CONSERVANCY, SUBJECT TO COUNTY APPROVAL.
100 YEAR FLOOD ZONE, TYP.
AREA UNDER CATAWBA LANDS CONSERVANCY PRESERVE OR EASEMENT, TYP.



TYPE 1- PROPOSED 30' BUFFER

TYPE 2A - PROPOSED WILDLIFE CORRIDOR (30' DEPTH)

TYPE 2B - PROPOSED WILDLIFE CORRIDOR (40' DEPTH)

TYPE 3- PROPOSED SHRUB BUFFER (EXISTING + NEW VEGETATION)

LEGEND

- 30' STREAM BUFFER
- 100 YEAR FLOOD ZONE
- WATERWAYS/WETLANDS
- TYPE 1 30' PROPOSED BUFFER
- TYPE 2A 30' WILDLIFE CORRIDOR
- TYPE 2B 40' WILDLIFE CORRIDOR
- TYPE 3 PROPOSED SHRUB BUFFER (EXISTING + NEW VEGETATION)
- PROPOSED INTERIOR ROAD (16' WIDTH)
- SITE SETBACK 120' FRONT, 100' SIDE/REAR
- PROPOSED 8' HT. SECURITY FENCE AND INTERNAL SETBACK
- PROPOSED CATAWBA LANDS CONSERVANCY DEDICATION
- EXISTING CATAWBA LANDS CONSERVANCY AREA
- SOLAR ARRAY ENVELOPE (PANELS TO BE 10' MAX HT.)
- APPROXIMATE LIMIT OF PROJECT DISTURBANCE

TYPICAL NATIVE PLANT PALETTE

CANOPY TREES, 2" CAL.
- RED MAPLE
- PIGNUT HICKORY
- PERSIMMON
- NUTTAL OAK

EVERGREEN TREES, 15 GAL.
- AMERICAN HOLLY
- EASTERN RED CEDAR
- SOUTHERN MAGNOLIA

EVERGREEN SHRUBS, 5' HT.
- SOUTHERN WAX MYRTLE
- TAUPON HOLLY
- NELLIE STEVENS HOLLY
- EMLY BRUNER HOLLY

UNDERSTORY TREES, 15 GAL.
- AMERICAN PLUM
- CRABAPPLE
- FLOWERING DOGWOOD
- EASTERN REDBERRY
- WASHINGTON HAWTHORN

SHRUBS, 5' HT.
- SPICEBUSH
- BEAUTY BERRY
- RED BUCKEYE
- RASPBERRY

NATIVE GRASSES, 3-GAL. (ALT. 1 GAL.)
- WINTER BENTGRASS
- BIGTOP LOVEGRASS
- LITTLE BLUESTEM
- VIRGINIA WILDRYE

SETBACKS FOR SOLAR FIELDS

FRONT: 120' (FROM EDGE OF RIGHT-OF-WAY)
SIDE: 100'
REAR: 100'

A SECURITY FENCE EQUIPPED WITH GATE AND LOCKING MECHANISM MUST BE INSTALLED AT A MINIMUM HEIGHT OF 8' ALONG ALL EXTERIOR SIDES.

CAROLINA THREAD TRAIL NOTE:

PENDING COUNTY APPROVAL, CATAWBA LANDS CONSERVANCY (CLC) AND CAROLINA THREAD TRAIL (CTT) MAY IN THE FUTURE LOCATE A PUBLIC-USE TRAIL WITHIN THE MEADOW AREAS OF THE PROJECT SETBACK AND OTHER AREAS DEDICATED TO CLC AND/OR CTT, EITHER IN A CONSERVATION EASEMENT AND/OR ON BLACKBURN SOLAR, LLC PROPERTY PER FUTURE AGREEMENT BETWEEN PARTIES.

N

SCALE: 1"=200'

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BLACKBURN SOLAR

CATAWBA COUNTY, NC | DATE: 02.10.22 | PROJECT NO.: 00875.00

CONCEPT PLAN: SOUTH

landscape architecture | planning | civil engineering
Bloc Design
NC FIRM#: P-1007, C-390