

CONSULT PROJ. NO.
1343-94.03

SUB-CONSULT PROJ. NO.

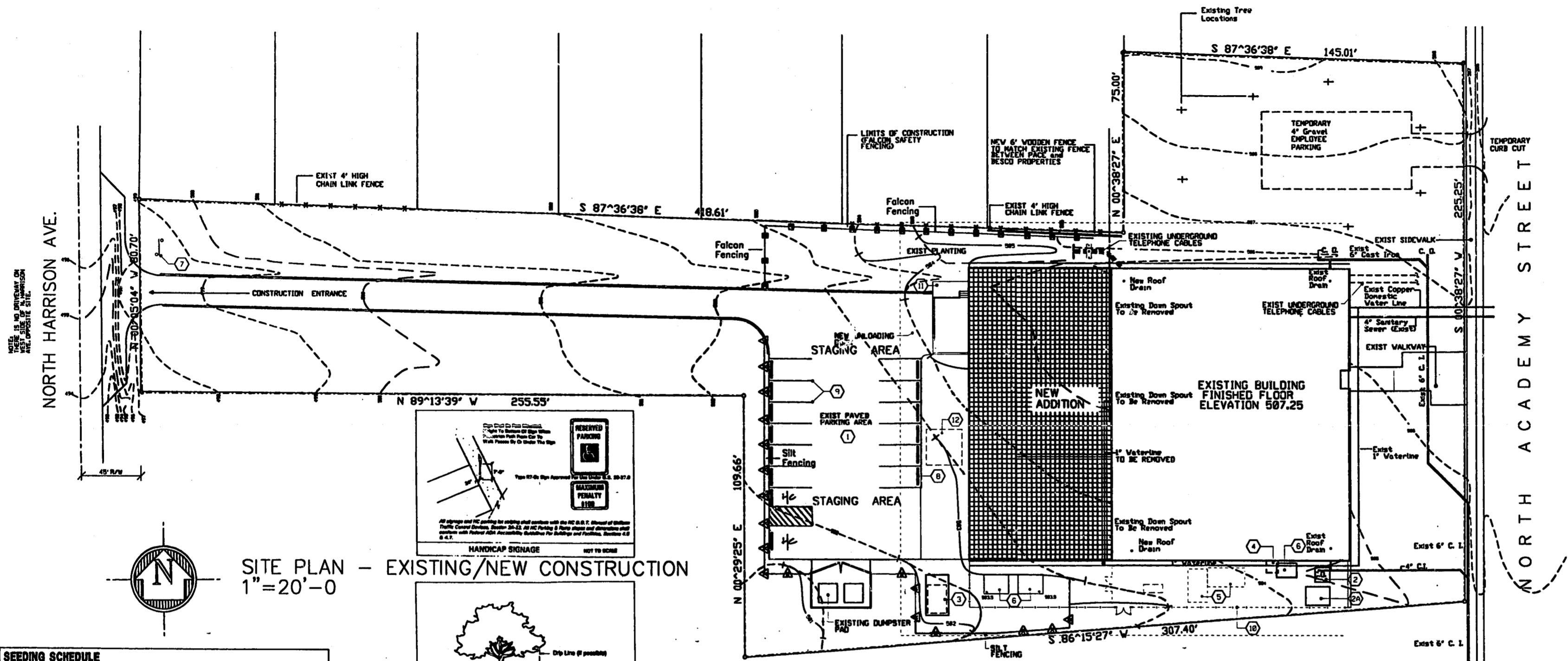
EST PROJ. NO.
970103025012-001

CONSULTANT
H R ASSOCIATES PA ARCHITECTS-ENGINEERS
1200 NAVAHO DRIVE
RALEIGH, NC 27609
919-872-6345
919-872-7245 TELEFAX



REVISIONS

NO.	DATE	DESCRIPTION	APPROVAL
1	7 FEB 1997	OWNER REVIEW	

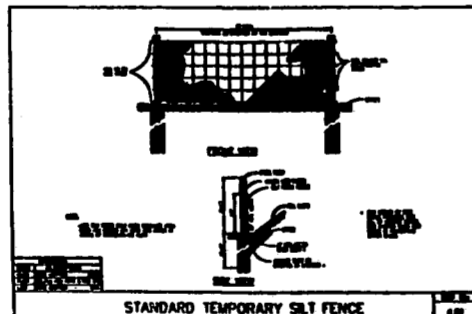
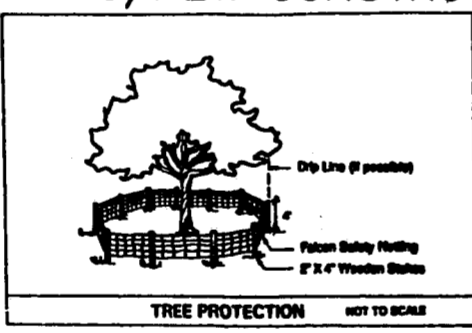
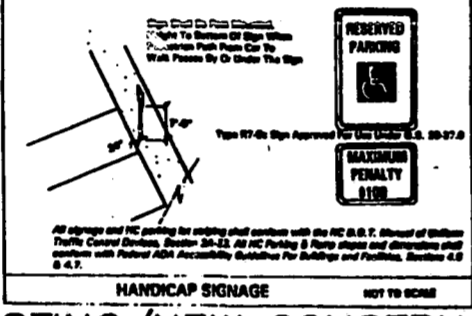


SITE PLAN - EXISTING/NEW CONSTRUCTION
1"=20'-0"

SEEDING SCHEDULE
For lawn and shrub 21 months

DATE	TYPE	PLANTING RATE
Aug. 15 - Nov. 1	Rebel Fescue Mixture	300 lbs./acre
Nov. 1 - Mar. 1	Rebel Fescue Mixture w/ Abruzzi Ryegrass	350 lbs./acre
Mar. 1 - Apr. 15	Rebel Fescue Mixture	300 lbs./acre
Apr. 15 - June 30	Rebel Fescue w/ Bluewing Millet	300 lbs./acre/25 lbs./acre

- SEEDBED PREPARATION**
- 1) Onsite compacted areas to a depth of 6 inches and spread topsoil 3 inches deep over adverse soil conditions, working into the top 6 inches of soil.
 - 2) Remove all loose rocks, roots and other extraneous material of 2" diameter or greater leaving surface smooth and uniform. NOTE: Gravel which impedes lawn establishment shall be removed.
 - 3) Apply agricultural lime, fertilizer and superphosphate uniformly and mix into soil.
 - 4) Continue tillage until a well-purified uniform seedbed is prepared to 4 - 6 inches.
 - 5) Seed a freshly prepared seedbed and cover seed lightly with seeding equipment or cultipack after seeding.
 - 6) Mutch and aerate immediately after seeding.
 - 7) Inspect all seeded areas and make necessary repairs or reseedings within the planting season. If stand should be over 60% coverage, re-establish following original lime, fertilizer and seeding rates. For final acceptance, lawn must show 90% coverage.
 - 8) Consult County Agricultural Extension Service or Soil Conservationist on maintenance treatment and fertilization after permanent cover is established and prior to Final Acceptance by Owner.
 - 9) Apply:
Agricultural Lime @ 2 Tons/acre (3 tons/acre in heavy clays)
Fertilizer @ 1,000 lbs./acre 10-10-10
Superphosphate @ 500 lbs./acre - 0-20-0
Mutch @ 2 Tons/acre - small grain styer
Anchor - Asphalt emulsion @ 300 gal/acre



- CONSTRUCTION SEQUENCE**
- 1) Obtain grading and all necessary permits.
 - 2) Install all erosion control measures on stream.
 - 3) Obtain Certificate of Compliance through state inspector by State Erosion Control Engineer.
 - 4) Clear sediment basins when half full of silt/sediment.
 - 5) Seed and mulch disturbed areas within 30 days after finished grades are established.
 - 6) Maintain erosion control measures until permanent groundcover is established.
 - 7) Request final approval by State Erosion Control Officer.
 - 8) Remove all erosion control measures and stabilize these areas.

GRADING/STORM DRAINAGE/EROSION CONTROL NARRATIVE

The two acre site is located in Davidson County, west of town. The site is an existing 12,000 sq ft Southern Bell Substation which will be existing 10,000 sq ft addition to the rear of the site. The only impact on storm water will be the movement of three existing drainage spouts from the rear of the existing building to the rear of the addition. The slope averages a 1.0% slope to the east where existing catch basins pick up runoff from the rear of the sub-station. The residence is to the southeast corner of the property to protect adjacent property from the rear of the run-off. The site is in the Crabtree Creek Watershed and is not located in a 100 Year Floodplain.

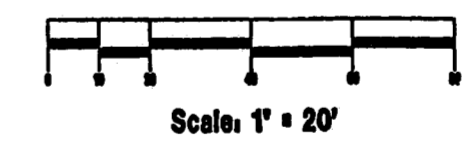
ALL CONSTRUCTION SHALL CONFORM WITH CURRENT TOWN OF CARY STANDARDS AND SPECIFICATIONS

GENERAL NOTES

- 1) PROVIDE 1" THICK HOT-MIXED ASPHALT SURFACE OVER EXISTING PAVED PARKING AREA - FROM NEW BUILDING ADDITION (INCLUDING PARKING AREA) TO NORTH HARRISON AVE.
- 2) DENOTES EXISTING CPAL TRANSFORMER & PAD-TRANSFORMER TO BE REPLACED DURING PROJECT AND TO REMAIN FOR RE-ELECTRIFICATION. CONTRACTOR TO COORDINATE ELECTRICAL SERVICE.
- 2A) DENOTES NEW CPAL TRANSFORMER PAD BY ELECTRICAL SUBCONTRACTOR-SEE ELECTRICAL DRAWINGS.
- 3) DENOTES NEW FUEL TANK FURNISHED & INSTALLED UNDER A SEPARATE CONTRACT-GENERAL CONTRACTOR/MECHANICAL SUBCONTRACTOR TO COORDINATE NEW FUEL LINE CONNECTIONS WITH TANK INSTALLATION.
- 4) DENOTES EXISTING CONCRETE PAD AT GENERATOR SILENCER TO BE REMOVED BY GENERAL CONTRACTOR-COORDINATE REMOVAL WITH OWNER'S INSTALLATION OF NEW GENERATOR AND REMOVAL OF EXISTING GENERATOR.
- 5) DENOTES EXISTING CONCRETE MECHANICAL EQUIPMENT PAD TO BE REMOVED BY GENERAL CONTRACTOR-COORDINATE REMOVAL WITH NEW MECHANICAL SYSTEM INSTALLATION AND EXISTING MECHANICAL SYSTEM REMOVAL.

- 6) DENOTES NEW 6" THICK REINFORCED (USE #4 BARS 18" O.C. EA. MAX) CONCRETE MECHANICAL EQUIPMENT PADS BY GENERAL CONTRACTOR-COORDINATE LOCATION & SIZE WITH MECHANICAL SUBCONTRACTOR.
- 7) DENOTES TEMPORARY CONSTRUCTION SIGN BY GENERAL CONTRACTOR.
- 8) DENOTES NEW WHEEL STOPS - REMOVE AND DISPOSE OF EXIST WHEEL STOPS.
- 9) DENOTES NEW PAVEMENT MARKINGS AFTER RESURFACING OF PAVED AREA.
- 10) DENOTES NEW CHAIN LINK FENCE 6' HIGH WITH GATE (2'-3'-0") - REMOVE EXIST FENCE DURING CONSTRUCTION.
- 11) DENOTES NEW 14"x17.5" 1 1/4" THICK REINFORCED CONCRETE PAD - REINF W/ 6#X14X17.5 W/P
- 12) DENOTES NEW GROUND MAT-REFER TO GRADING & RISER FOR DETAILS. SEE SHEET E-7. GROUND MAT PROVIDED AND INSTALLED BY ELECTRICAL CONTRACTOR.

APPROVED
DATE: 2-27-97
BY: JM
TOWN OF CARY DEVELOPMENT REVIEW GROUP



FOR CONSTRUCTION

PROJECT TITLE
ADDITION & ALTERATIONS CARY - 401 NORTH ACADEMY STREET CENTRAL OFFICE CARY, NORTH CAROLINA

DATE 17 FEBRUARY 1997
DRAWN BY EMY LOUIE
CHECKED BY ALISON A. POCKAT, ASLA

NOT FOR CONSTRUCTION
RELEASED FOR CONSTRUCTION
AS-BUILT DRAWING

DATENAME

DRAWING TITLE
GRADING PLAN - EXISTING/NEW CONSTRUCTION

DLC NO. 21211
DRAWING NO. A-1
SHEET 1 OF 12