

E. MISCELLANEOUS

1. THE STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH AND COORDINATED WITH OTHER CONTRACT DRAWINGS AND SPECIFICATIONS.
2. THE CONTRACTOR SHALL VERIFY ALL EXISTING SITE CONDITIONS INDICATED ON THESE DRAWINGS. ANY VARIATION OF CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE TOWN OF CARY PROJECT MANAGER BEFORE PROCEEDING WITH CONSTRUCTION.
3. FABRICATOR'S SHOP DRAWINGS SHALL SHOW AND NOTE ALL MATERIAL REQUIRED IN SUFFICIENT DETAIL FOR PROPER FABRICATION AND ERECTION IN ACCORDANCE WITH THE CONTRACT DRAWINGS AND DOCUMENTS.
4. ANCHOR BOLTS SHALL BE SET IN ACCORDANCE WITH THE APPROVED SHOP DRAWING ANCHOR BOLT SETTING PLAN.
5. SEE S1 FOR ADDITIONAL NOTES. SEE SHEETS S3, S4 AND S5 FOR AN ALTERNATE DESIGN.

GENERAL NOTES

A. LIVE LOADS

1. LIVE LOAD 60 PSF
2. GOLF CARTS 1/2 TON EACH
3. WIND LOAD 80 MPH

CODE: 2002 EDITION NORTH CAROLINA STATE BUILDING CODE

COMPLY WITH AASHTO REQUIREMENTS FOR PEDESTRIAN BRIDGES.

B. FOUNDATIONS

1. THE SOIL BEARING PRESSURE USED FOR DESIGN IS 2000 PSF.
2. ALL FILL SHALL BE PLACED IN AN 8 INCH MAXIMUM LOOSE LIFTS AND SHALL BE COMPACTED TO A MINIMUM OF 95 PER CENT MAXIMUM DRY DENSITY AS DETERMINED IN ACCORDANCE WITH ASTM D-698 (STANDARD PROCTOR METHOD).
3. THE ABUTMENT DETAILS ARE FURNISHED IN THE DRAWINGS. THE DEPTH OF EMBEDMENT MAY VARY.
4. FOR ADDITIONAL SUBSURFACE INFORMATION AND RECOMMENDATIONS CONSULT THE PROJECT GEOTECHNICAL ENGINEER.
5. NOTIFY WITHERS & RAVENEL PROJECT MANAGER 24 HOURS PRIOR TO EXCAVATION OF FOOTINGS.

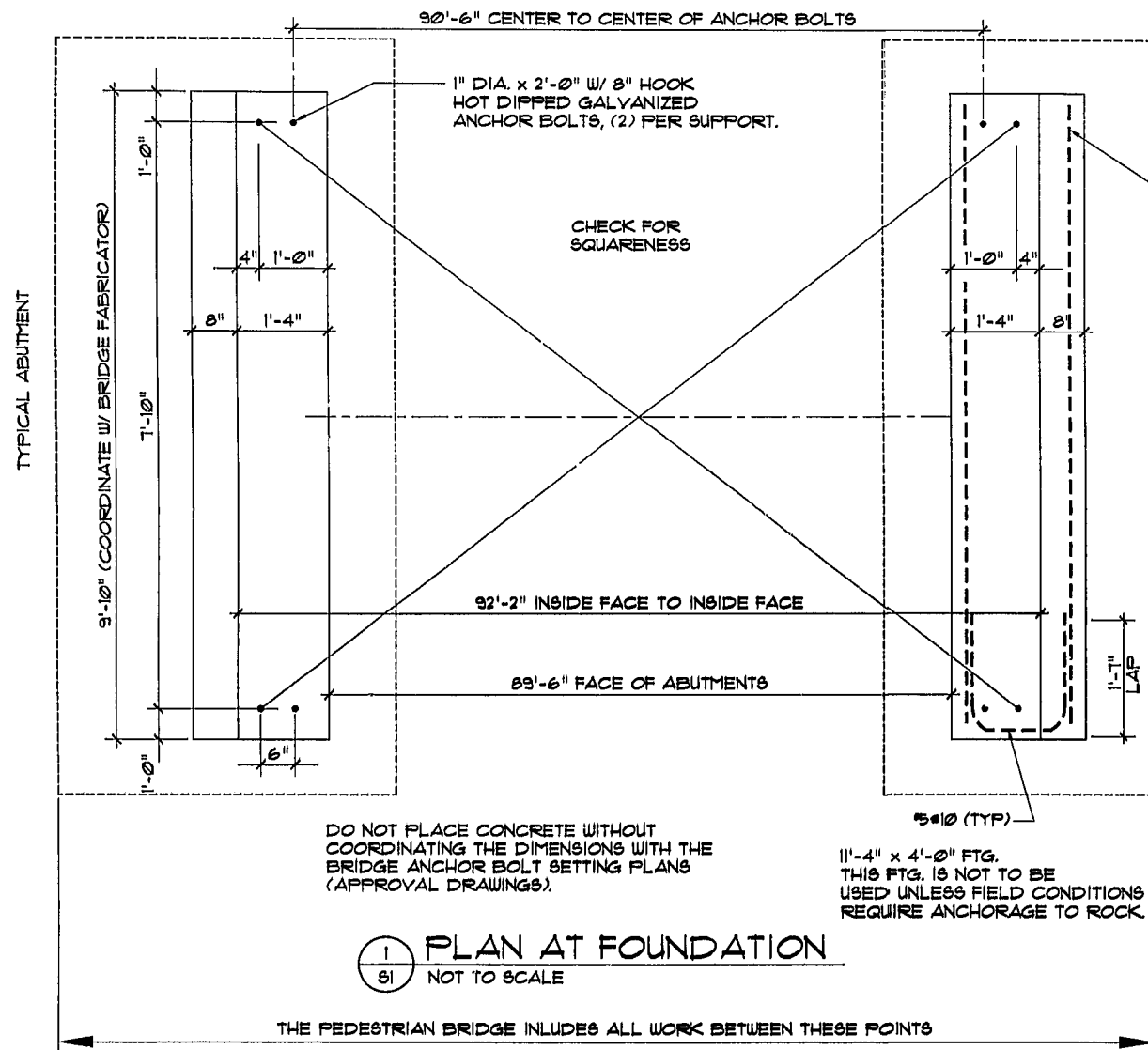
C. CAST-IN-PLACE CONCRETE

1. CONCRETE WORK SHALL CONFORM TO ACI SPECIFICATIONS.
2. ALL CAST-IN-PLACE CONCRETE 28-DAY COMPRESSIVE STRENGTH SHALL BE 3500 PSI IN ACCORDANCE WITH ACI 318.

D. REINFORCING STEEL

1. ALL REINFORCING STEEL SHALL BE ASTM A-615, GRADE 60.
2. PLACEMENT OF THE REINFORCING STEEL SHALL BE REVIEWED BY THE STRUCTURAL ENGINEER PRIOR TO PLACING CONCRETE.
3. DETAIL AND FABRICATE REINFORCING STEEL IN ACCORDANCE WITH ACI-318. REINFORCING STEEL SHALL BE PLACED IN ACCORDANCE WITH THE PROJECT DOCUMENTS.
4. FABRICATE IN ACCORDANCE WITH APPROVED SHOP DRAWINGS.
5. DO NOT HEAT BEND REINFORCING BARS.

01-90-012
APPROVED
TOWN OF CARY
Approved by DRC Date 5-22-02
Planning BPS Date 4-13--02
Engineering JS Date 4-12-02



EXTEND TO WITHIN 2" OF EA. END OF ABUTMENT

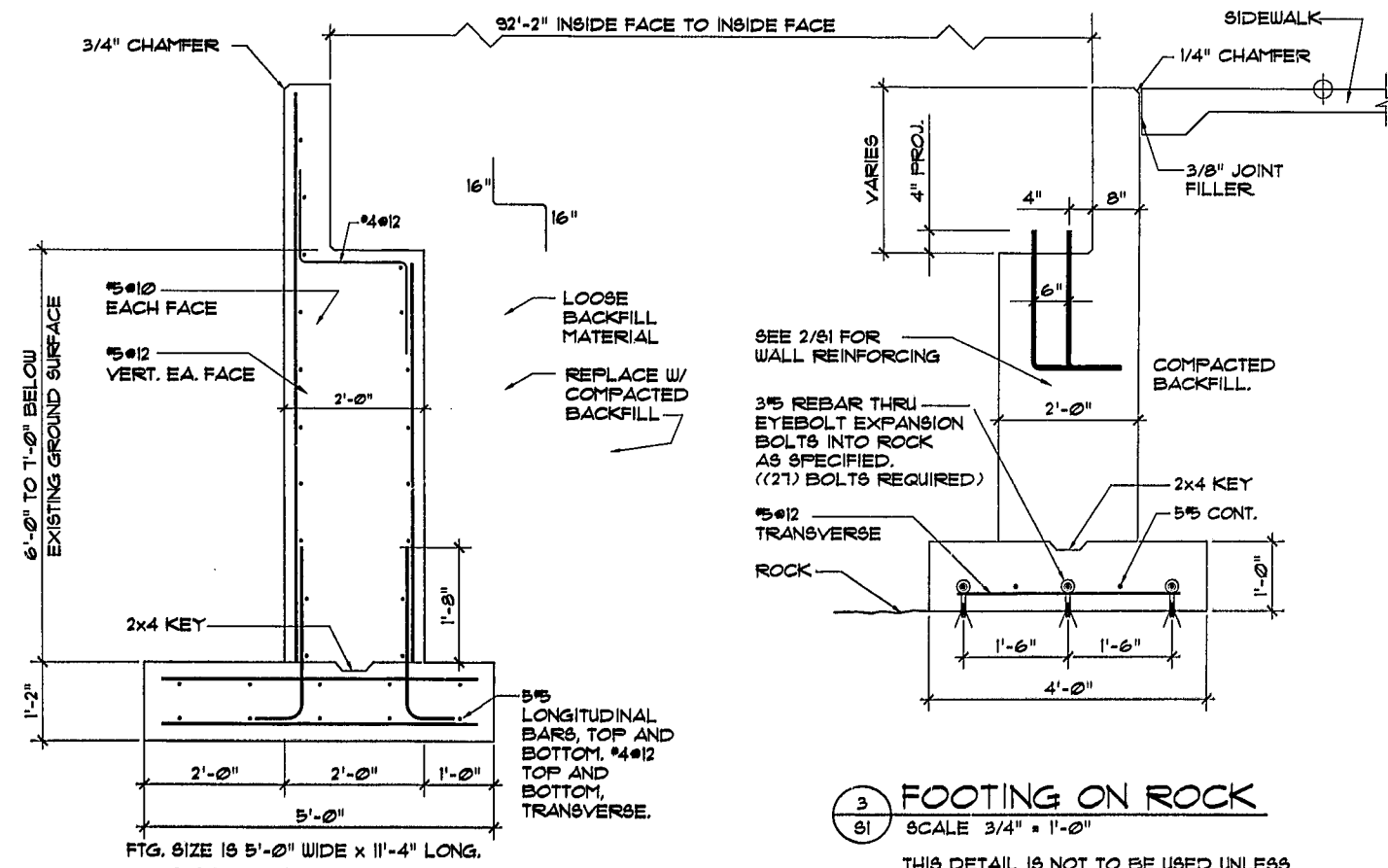
FOR SIDEWALK LAYOUT, T.O.S. ELEVATIONS SEE CIVIL DWGS., OTHER SHEETS.

FOR SIDEWALK LAYOUT, T.O.S. ELEVATIONS SEE OTHER SHEETS.

CONSULT THE PROJECT GEOTECHNICAL ENGINEER FOR RECOMMENDED EXCAVATION METHODS INCLUDING LAYING THE SLOPES BACK OR TEMPORARY SHORING OR BRACING THE EXCAVATIONS OR UTILIZING A TRENCH BOX TO EXCAVATE TO THE RECOMMENDED STRATA.

A MUD MAT IS ALSO RECOMMENDED TO PROTECT THE BOTTOM OF THE EXCAVATION. PROVIDE 3" MIN. THICK CONCRETE REINF. W/ 6x6-8/8 WELDED WIRE FABRIC.

THE EXCAVATIONS SHALL BE INSPECTED BY THE GEOTECHNICAL CONSULTANT PRIOR TO PLACEMENT OF CONCRETE TO ENSURE THAT ADEQUATE EMBEDMENT HAS BEEN ACHIEVED.



3 FOOTING ON ROCK
S1 SCALE 3/4" = 1'-0"

THIS DETAIL IS NOT TO BE USED UNLESS FIELD CONDITIONS REQUIRE ANCHORAGE TO ROCK.

NO.	REVISION	DATE	BY

Designer	DCF	Scale	As Noted
Drawn By	Cd, DCF	Date	JUNE 4, 2002
Checked By	DCF	Job No.	02021

THE GROVE AT CARY PARK

8 FOOT WIDE PEDESTRIAN BRIDGE (BASE BID)

FOUNDATION PLAN, DETAILS AND GENERAL NOTES

WITHERS & RAVENEL
ENGINEERS | PLANNERS | SURVEYORS

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Sheet No:
S1