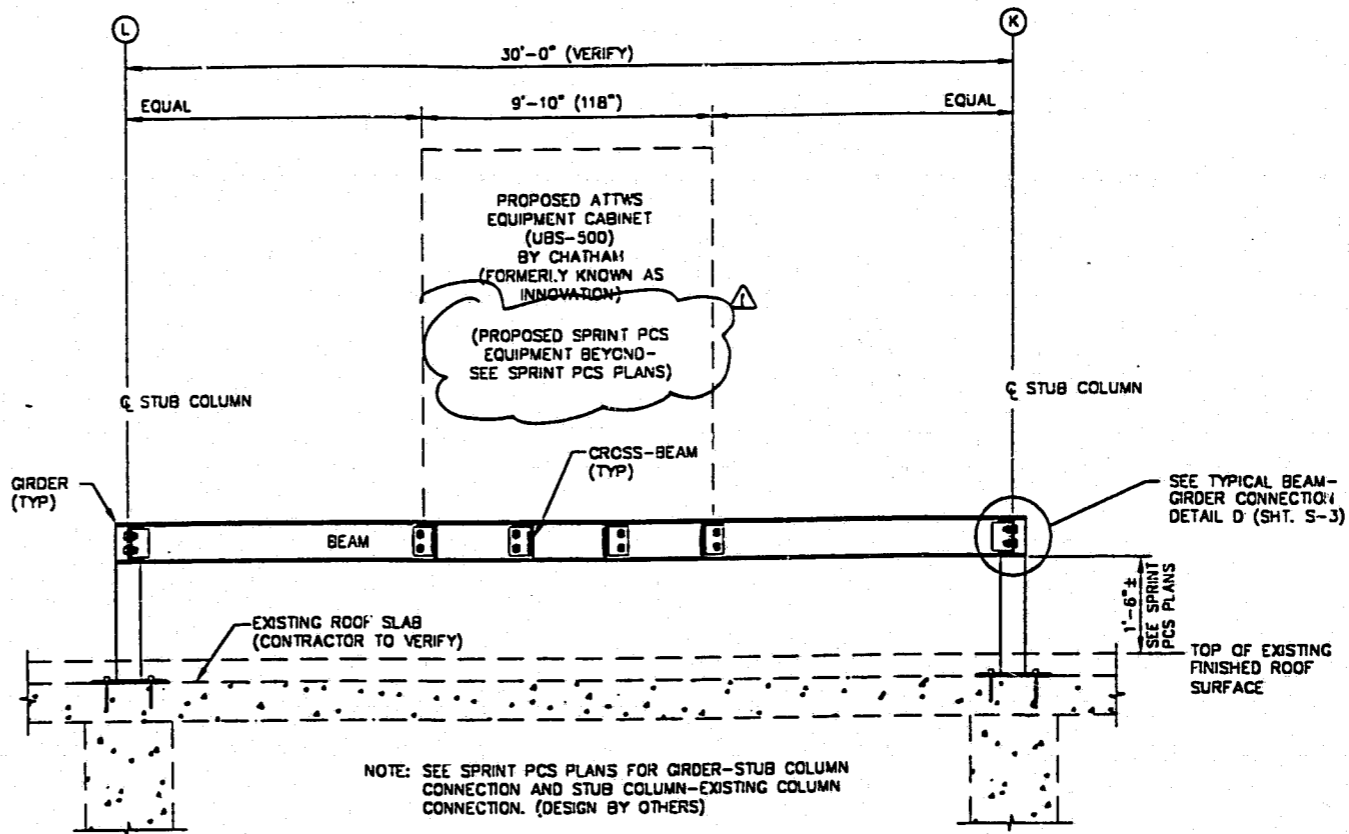


**GRATE LIFT-STOP**  
(TYPICAL OF 4 REQUIRED)  
(NOT REQUIRED TO BE ABOVE PAVER)

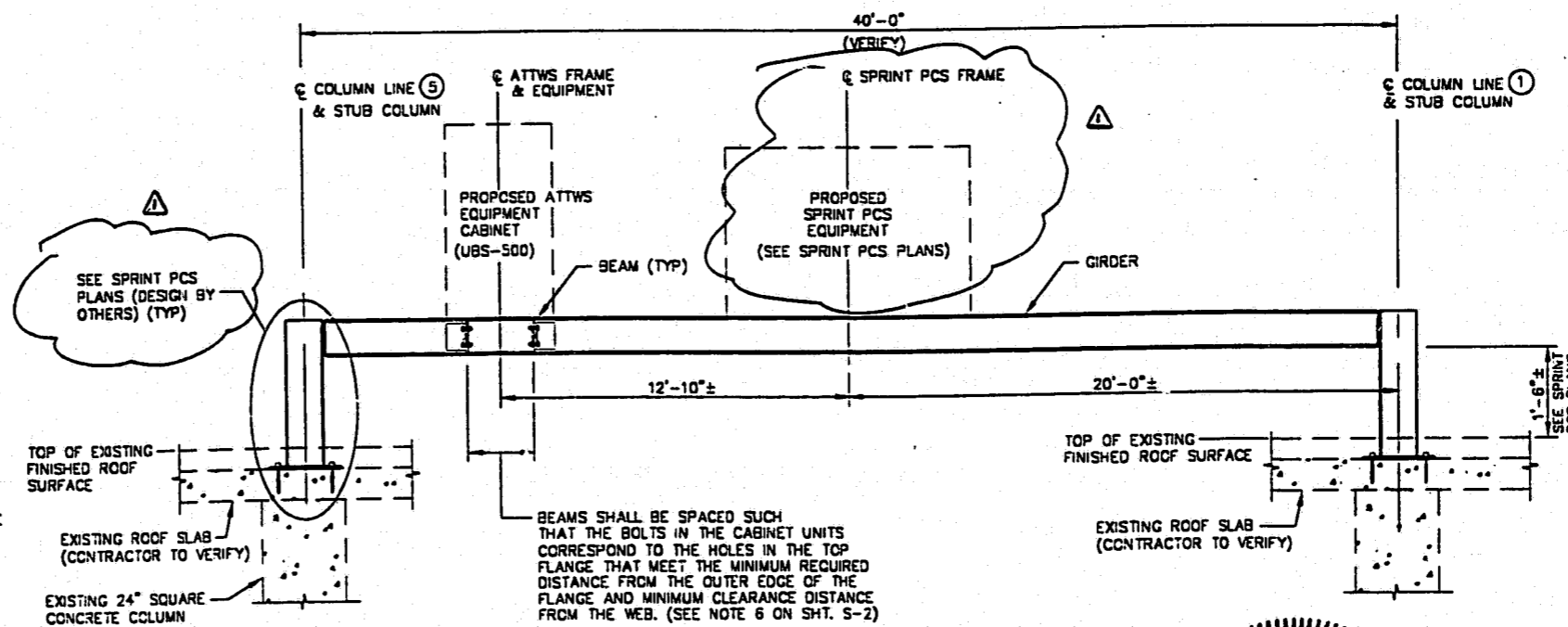
2- G12282 ANTI-SKID  
1- G11282 ANTI-SKID  
UNISTRUT GRATING PLANKS.  
PLACE SIDE BY SIDE TO FORM A CONTINUOUS 3'-0"  
WIDE SERVICE PLATFORM. THE GRATING PLANKS SHALL  
BE ATTACHED PER MANUFACTURER'S SPECIFICATIONS  
TO ADJACENT PLANKS & PRE-CAST PAVERS  
TO FORM A FULLY CONNECTED RECTANGULAR  
SERVICE PLATFORM THAT WILL ACT/MOVE  
AS ONE UNIT.

**GENERAL NOTES:**

- DESIGN:  
1996 NORTH CAROLINA STATE BUILDING CODE WITH 1996/1997/1998 REVISIONS  
TOTAL DEAD LOAD FROM EQUIPMENT CABINET SHALL NOT EXCEED 7100 POUNDS.
- STRUCTURAL STEEL:  
MATERIAL:  
CONFORM TO ASTM A36 GRADE.  
CONNECTIONS:  
DESIGN SHALL CONFORM TO AISC MANUAL OF STEEL CONSTRUCTION.  
WELDING:  
SHALL BE DONE BY AN AWS CERTIFIED WELDER AND IN COMPLIANCE  
WITH AWS D1.1. ALL WELD SIZES SHALL BE THE MAXIMUM ALLOWED  
BY THE MATERIAL BEING WELDED WITH E70XX ELECTRODES.  
BOLTS:  
A325-X, SIZE AS SHOWN ON DRAWINGS.
- HOT DIP GALVANIZE ALL STRUCTURAL STEEL IN ACCORDANCE WITH ASTM A123. HOT DIP  
GALVANIZE HARDWARE PER ASTM A153. TOUCH UP ALL FIELD WELDS AND ABRASED AREAS WITH  
TWO COATS OF GALVANIZED PAINT. REPAIR OF ABRASED OR UNCOATED AREAS SHALL CONFORM  
TO ASTM A780-93A.
- CONTRACTOR / STEEL FABRICATOR SHALL VERIFY ALL DIMENSIONS,  
EXISTING COLUMN LOCATIONS, AND LOAD BEARING SHEAR WALLS AS REQUIRED  
BEFORE FABRICATION OF ANY STEEL. CARE SHALL BE TAKEN BY THE CONTRACTOR  
TO VERIFY AND LOCATE ANY EXISTING STRUCTURAL ROOF DECK POST-TENSIONING.  
LOCATION OF ANCHORS SHALL BE SHIFTED AS NECESSARY TO MISS ANY POST-TENSIONING  
DUCTS.
- CONTRACTOR / STEEL FABRICATOR SHALL LOCATE ANY EXISTING REINFORCEMENT AND/OR  
ANY EXISTING POST-TENSIONING IN THE EXISTING STRUCTURAL MEMBERS TO VERIFY THAT THE  
ANCHOR SYSTEM WILL NOT CONFLICT WITH THE EXISTING REINFORCEMENT OR EXISTING POST-  
TENSIONING WHEN INSTALLING ANCHORS FOR THE EQUIPMENT FRAME. MINOR ADJUSTMENTS TO THE  
LOCATION OF ANCHORS ARE PERMITTED AS NECESSARY TO MISS THE EXISTING REINFORCEMENT  
AND/OR POST-TENSIONING. MINIMUM ANCHOR EMBEDMENT SHALL BE AS REQUIRED BY THE  
ANCHOR SYSTEM. THE ANCHORS SHALL BE INSTALLED PER THE MANUFACTURER'S INSTRUCTIONS.
- CONTRACTOR / STEEL FABRICATOR SHALL CONFORM TO THE MINIMUM EDGE DISTANCE  
REQUIREMENTS FOR ALL CONNECTIONS IN ACCORDANCE TO THE AISC MANUAL OF  
STEEL CONSTRUCTION.
- ALL STRUCTURAL STEEL SHALL BE FABRICATED TO FIT AT BOLTED CONNECTIONS WITHIN  
1/16 INCH TOLERANCE. FLAME CUTTING SHALL BE PERMITTED FOR COPING BEAMS. STRUCTURAL  
STEEL SHALL NOT BE FLAME CUT UNDER ANY OTHER CIRCUMSTANCES WITHOUT APPROVAL OF THE  
ENGINEER.
- CONTRACTOR / STEEL FABRICATOR SHALL CAP OR SEAL ALL PIPES AS REQUIRED TO PREVENT  
RAINWATER INTRUSION.
- CONTRACTOR / STEEL FABRICATOR SHALL SUBMIT SHOP DRAWINGS FOR REVIEW PRIOR TO ANY  
STEEL FABRICATION. AT THE CONTRACTOR'S OPTION, FIELD SPLICES MAY BE USED FOR ERECTION  
PURPOSES. IF FIELD SPLICES ARE USED, THE SHOP DRAWINGS SHALL INCLUDE ALL DETAILS FOR  
THE PROPOSED FIELD SPLICES.
- AT THE CONTRACTOR'S OPTION, SHOP WELDS MAY BE USED INSTEAD OF FIELD WELDS.
- SPECIAL PRECAUTIONS SHALL BE TAKEN DURING ANY WELDING WHICH IS PERFORMED  
ON THE ROOFTOP IN ORDER TO PROTECT THE MEMBRANE ROOF.



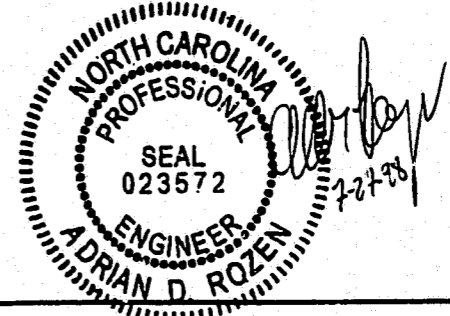
SECTION **A**  
S-1



ELEVATION **B**  
S-1

**FOR CONSTRUCTION**

98-SP-144-R  
**APPROVED**  
RB 9-4-98  
TM 9-4-98



**Kimley-Horn  
and Associates, Inc.**  
P.O. Box 33068  
Raleigh, North Carolina 27636-3068  
(919) 677-2000

DATE: 7-22-98	REVISIONS:
SCALE: NO SCALE	7-22-98
DESIGNED: ADR	
DRAWN: TB/SEM	
CHECKED: HDP	

**POWER COMPANY**  
Carolina Power & Light Company  
P.O. Box 1771  
Raleigh, North Carolina 27602-1771  
AT&T: Carol. Serv. Center (919) 582-9111

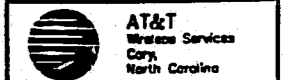
**BUILDING DEPARTMENT**  
City of Cary Department of Public Works  
P.O. Box 8005  
Cary, North Carolina 27512  
AT&T: Inspections Dept. (919) 860-3500

**TELEPHONE COMPANY**  
Sprint  
5715 Glenwood Ave., Suite 404  
Raleigh, North Carolina 27612  
AT&T: Business Department (919) 780-2800

**PROPERTY OWNER**  
Regency Park Corporation  
3500 Regency Parkway, Suite C  
Cary, North Carolina 27511  
AT&T: Danny Mabry (919) 497-9900

**DEVELOPER**  
Wireless Services  
200 West Main Street, Suite 151  
Cary, North Carolina 27511  
(919) 755-1441

**SITE ADDRESS**  
Regency Park  
200 West Main Street  
Cary, North Carolina



**FRAMING PLAN**

**AT&T WIRELESS SERVICES**  
R-094 REGENCY PARK  
CARY, NORTH CAROLINA

DOCUMENT NO. 011505.40  
**S - 2**