BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS

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Man Man	LIFE SAFETY SYSTEM:
NAME OF PROJECT.	EMERGENCY LIGHTING AND EXIT SIGNS YES X NO
NAME OF PROJECT: C.H. EDWARDS HARDWARE ADDRESS: 4005 S. MEMORIAL DRIVE	FIRE ALARM AND SMOKE DETECTION SYSTEMS YES NO
PROPOSED USE: DOOR HARDWARE AND COMPONENTS WAREHOUSE	0440 4400440
OWNER/CONTACT PERSON: MR. SHEP EDWARDS PHONE # (252) 756-8500	PANIC HAKUWARE YES NO
CODE ENFORCEMENT JURISDICTATION: CITY OF GREENVILLE	EXIT REQUIREMENTS:
	DEAD END LIMIT-MAXIMUM CONDITION 20 FEET
	TRAVEL DISTANCE TO EXIT-MAXIMUM CONDITION 200 FEET
ESIGNER OF RECORD:	NUMBER OF EXITS:
SESIGNER NAME LICENSE # TELEPHONE #	TOTAL SQUARE FOOTAGE OF FLOOR 6,000 DIVIDED BY NET/SQ. FT. I
RCHITECTURAL E. LYNN HUDSON N.C 10872 (919) 353-2000	OCCUPANCY 300 = 20 TOTAL NUMBER OF PEOPLE ON FLO
LUMBING ()	NUMBER OF DOORS PROVIDED 2 NUMBER OF DOORS REQUIRED 2
IECHANICAL ()	DESIGN LOADS:
TRUCTURAL ()	ROOF LIVE LOADS.
PRINKLER STANDPIPE ()	
THER	WIND: ZONE 90 MPH IMPORTANCE FACTOR 1.01
	VOLUME ASCE-7 1993
	SECTION 1606 90 EXPOSURE B
BUILDING DATA:	FLOOR: 75 PSF
<u>a dia dia mandria dia kaominina dia kaominina dia kaominina dia kaominina dia kaominina dia kaominina dia kaomini</u>	SNOW: 10 PSF
	SEISMIC: ZONE 1 AV 0.10 IMPORTANCE FACTOR GROUP 1
☐ HAZARDOUS ☐ FACTORY—INDUSTRIAL ☐ INSTITUTIONAL (UNRESTRAINED)	LATERAL DESIGN CONTROL: (WIND/SEISMIC/OTHER) WIND
☐ INSTITUTIONAL (RESTRAINED) USE CONDITION	
☐ RESIDENTIAL ☑ STORAGE	METHOD OF RESIST.: (BRACED FRAME/MOMENT FRAME/SHEAR WALLS) BRACED FR
IXED OCCUPANCY: YES NO X SEPARATION HR.	SOIL BEARING CAPACITIES:
ONSTRUCTION TYPE:	FIELD TEST (PROVIDE COPY OF REPORT)PSF
	PRESUMPTIVE BEARING CAPACITY
V(P)	PILE SIZE, TYPE AND CAPACITY
2011/4/500	
PRINKLED? YES NO X (13 13R 13D):	ENERGY REQUIREMENTS:
RE DISTRICT? YES NO X	THERMAL ENVELOPE
JILDING HEIGHT: 14 FEET 1 NUMBER OF STORIES	METHOD OF COMPLIANCE:
	PRESCRIPTIVE PERFORMANCE ENERGY COST BUDGET
EZZANINE: YES NO_X	ROOF/CEILING ASSEMBLY (EACH ASSEMBLY)
IGH RISE? YES NO X	DESCRIPTION OF ASSEMBLY CORRU. STEEL PANELS-3" F/G INSUL.
	U-VALUE OF TOTAL ASSEMBLY 1405
	R-VALUE OF INSULATION -R10 SKYLIGHTS IN EACH ASSEMBLY NONE
ROSS BUILDING AREA:	U-VALUE OF SKYLIGHT
LOOR SQUARE FEET RST FLOOR 6,000	TOTAL SQUARE FOOTAGE OF SKYLIGHTS IN EACH ASSEMBLY
RST FLOOR 6,000	EXTERIOR WALLS (EACH ASSEMBLY)
TOTAL GROSS AREA: 6,000 SQUARE FEET	DESCRIPTION OF ASSEMBLY CORRU. STEEL PANELS-3" F/G INSUL.
EA INCREASE? YES X NO YES: CODE REFERENCE: 503.3.2	U-VALUE OF TOTAL ASSEMBLY1405
	R-VALUE OF INSULATION -R10 OPENINGS (WINDOWS OR DOORS WITH GLAZING)
)	U-VALUE OF ASSEMBLY
16,000 SF + 16,000 SF = 32,000 SF 27,671 < 32,000 :- OK	SHADING COEFFICIENT
	PROJECTION FACTOR LOW E REQUIRED, IF APPLICABLE
	DOOR R-VALUES -R6.9 AND (U=.1449)
TRE RESISTANCE RATINGS	
PEOLIPED DETAIL # WWW. DECIPION NO. THE	WALLS ADJAC. TO UNCONDITIONED SPACE (EACH ASSEMBLY
REQUIRED DETAIL * * WALL DESIGN NO. FOR HOURLY 2 SHEET * OPENING 1 RATED ASSEMBLIES 5	U-VALUE OF TOTAL ASSEMBLY
ARTY/FIREWALLS:	R-VALUE OF INSULATION
TERIOR BEARING WALLS:	OPENINGS (WINDOWS OR DOORS WITH GLAZING)
TERIOR BEARING WALLS:	U-VALUE OF ASSEMBLY
TERIOR BEARING WALLS:	
TERIOR BEARING WALLS:	U-VALUE OF ASSEMBLY LOW E REQUIRED, IF APPLICABLE DOOR R-VALUES
TERIOR BEARING WALLS:	U-VALUE OF ASSEMBLY LOW E REQUIRED, IF APPLICABLE DOOR R-VALUES WALL BELOW GRADE (EACH ASSEMBLY)
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TERIOR BEARING WALLS: RITH TERIOR NON—BEARING WALLS: RITH TO TH REQUIRED DETAIL DESIGN DESIGN NO. FOR FOR RATED, RATED ASSEMBLIES 5 PENETRAT.5 RATED ASSEMBLY: ASS. JUNIS: ING—FLOOR ASSEMBLY: ICAL SHAFTS: 4 ESS—P.E.M. DO OCCUP, SEPARATION: WANT SEPARATION:	U-VALUE OF ASSEMBLY LOW E REQUIRED, IF APPLICABLE DOOR R-VALUES WALL BELOW GRADE (EACH ASSEMBLY) DESCRIPTION OF ASSEMBLY U-VALUE OF TOTAL ASSEMBLY R-VALUE OF INSULATION FLOORS OVER UNCONDITONED SPACE (EACH ASSEMBLY) DESCRIPTION OF ASSEMBLY U-VALUE OF TOTAL ASSEMBLY R-VALUE OF INSULATION FLOOR SLAB ON GRADE DESCRIPTION OF ASSEMBLY U-VALUE OF TOTAL ASSEMBLY19 R-VALUE OF INSULATION - 5.4 HORIZONAL/VERTICAL REQUIREMENT SLAB HEATED DESIGNER STATEMENT: TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE DESIGN OF THIS BUILDING COMPLIES WITH THE THERMAL ENVELOPE REQUIREMENTS OF THE MORTH
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TERIOR BEARING WALLS: THE TERIOR NON-BEARING WALLS: THE THE THE THE THE TERIOR WALLS: THE THE THE THE THE THE THE TERIOR WALLS: THE	U-VALUE OF ASSEMBLY LOW E REQUIRED, IF APPLICABLE DOOR R-VALUES WALL BELOW GRADE (EACH ASSEMBLY) DESCRIPTION OF ASSEMBLY U-VALUE OF TOTAL ASSEMBLY R-VALUE OF INSULATION FLOORS OVER UNCONDITONED SPACE (EACH ASSEMBLY) DESCRIPTION OF ASSEMBLY U-VALUE OF TOTAL ASSEMBLY R-VALUE OF INSULATION FLOOR SLAB ON GRADE DESCRIPTION OF ASSEMBLY U-VALUE OF TOTAL ASSEMBLY 4° CONC. SLAB ON GRADE, 6 MIL VAPOR BAL U-VALUE OF INSULATION - 5.4 HORIZONAL/VERTICAL REQUIREMENT SLAB HEATED DESIGNER STATEMENT: TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE DESIGN OF THIS BUILDING COMPLIES WITH THE THERMAL ENVELOPE REQUIREMENTS OF THE NORTH CAROLINA STATE BUILDING CODE, YOLUME X-ENERGY. SIGNED:
CTERIOR BEARING WALLS: RITH ST UTH CTERIOR NON-BEARING WALLS: RITH TT TT TT TT TREAD REQUIRED DETAIL DESIGN NO. FOR	U-VALUE OF ASSEMBLY LOW E REQUIRED, IF APPLICABLE DOOR R-VALUES WALL BELOW GRADE (EACH ASSEMBLY) DESCRIPTION OF ASSEMBLY U-VALUE OF TOTAL ASSEMBLY R-VALUE OF INSULATION FLOORS OVER UNCONDITONED SPACE (EACH ASSEMBLY) DESCRIPTION OF ASSEMBLY U-VALUE OF TOTAL ASSEMBLY R-VALUE OF INSULATION FLOOR SLAB ON GRADE DESCRIPTION OF ASSEMBLY U-VALUE OF TOTAL ASSEMBLY R-VALUE OF TOTAL ASSEMBLY 19 R-VALUE OF INSULATION - 5.4 HORIZONAL/VERTICAL REQUIREMENT SLAB HEATED DESIGNER STATEMENT: TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE DESIGN OF THIS BUILDING COMPLIES WITH THE THERMAL ENVELOPE REQUIREMENTS OF THE NORTH CAROLINA STATE BUILDING CODE, YOLUME X-ENERGY. SIGNED: NAME: A.E. RACKLEY, JR.

SITE INFORMATION

• FLOOR AREA: EXISTING: 21,671 SQ. FT. = 13.1% COVERAGE PROPOSED: 6,000 SQ. FT. = 4.6% COVERAGE (27.7% INCREASE TOTAL: 27,671 SQ. FT. = 17.7% COVERAGE

 BUILDING HEIGHT: SINGLE STORY - 14' EAVE HEIGHT 19' AT RIDGE PARKING: 30 SPACES PROVIDED (INCLUDES 2 EACH HANDICAPPED SPACES) 30 SPACE REQUIRED (INCL. 2 HANDICAPPED SPACE) BASED ON: 1.5 SPACE PER 2 EMPLOYEES 29 EMPLOYEES = 22 SPACES 1 SPACE PER MANAGER 1 SPACE PER BUSINESS VEHICLE 1 SPACE PER 400 SF OF WHOLESALE

BASE COURSE SHALL BE TYPE ABC CONFORMING TO NCDOT SECTION 520 SPECS.

PROPOSED PARKING/WALKS: 0 SQ. FT. (1,080 SF OF GRAVEL) = 4.4% EXPANSION PROPOSED BUILDING: 6,000 SQ. FT. = 13% EXPANSION TOTAL IMPERVIOUS AREA: 52,141 SQ. FT.

. CITY OF GREENVILLE OR STATE DRIVEWAY PERMIT IS NOT REQUIRED.

ALL REQUIRED IMPROVEMENTS DETAILS MUST CONFORM TO THE CITY OF GREENVILLE MANUAL OF STANDARD DESIGNS AND DETAILS.

EXISTING SANITARY SEWER SERVICE WILL BE UTILIZED

• REFUSE COLLECTION BY OWNER. (PRIVATE SERVICE)

MATERIAL SUBMITTALS SHALL BE APPROVED BY GUCO PRIOR TO CONSTRUCTION OF ANY WATER OR SEWER MAINS.

OCCUPANCY PERMIT SHALL NOT BE ISSUED UNTIL THE FIRE HYDRANT HAS BEEN INSTALLED AND ACCEPTED FOR OPERATION AND MAINTENANCE BY GREENVILLE UTILITIES COMMISSION.

PRELIMINARY VEGETATION PLAN

• SITE AREA = 3.79 AC REQUIRED SITE VEGETATION

• REQUIRED STREET YARD VEGETATION:

 PARKING AREA SCREENING IS NOT REQUIRED DUE TO THE PARKING LOT AREA BEING SET BACK FROM THE PROPERTY LINE MORE THAN 50'

8 FEET(HEIGHT) AND 1 1/2" CALIPER

2. EXISTING SUBSTITUTE VEGETATION MATERIALS HAVE BEEN NOTED INCLUDING THEIR SPECIFIC LOCATIONS, TYPES AND SIZES.

4. SITE PLAN APPROVAL FROM THE RESPECTIVE EASEMENT HOLDER SHALL BE CONSTRUED AS AS APPROVAL OF ALL NOTED ENCROACHMENTS AS SHOWN ON THIS PLAN.

5. THE FOLLOWING VEGETATION MATERIALS, AS LISTED BY COMMON NAME, SHALL CONSTITUTE NOT MORE THAN 25% OF THE TOTAL REQUIREMENT FOR THE SPECIFIC CATEGORY:

A. LARGE TREE CATEGORY - RIVER BIRCH

B. SMALL TREE CATEGORY ... ARISTCRAT PEAR, BRADFORD PEAR, CAPITAL PEAR AND CLEVELAND SELECT PEAR

C. EVERGREEN SHRUB CATEGORY - RED TIP PHOTINIA

6. NO LARGE TREES ARE TO BE PLANTED IN WATER OR SANITARY SEWER EASEMENTS. 7. EXISTING SUBSTITUTE VEGETATION MATERIALS SHALL BE PROTECED FROM SITE DEVELOPMENT ACTIVITIES IN ACCORDANCE WITH 9-4-265(f)

8. DUMPSTERS SHALL BE SCREENED ON 3 SIDES IN ACCORDANCE WITH SEC. 9-4-268 (H) OF THE CITY CODE.

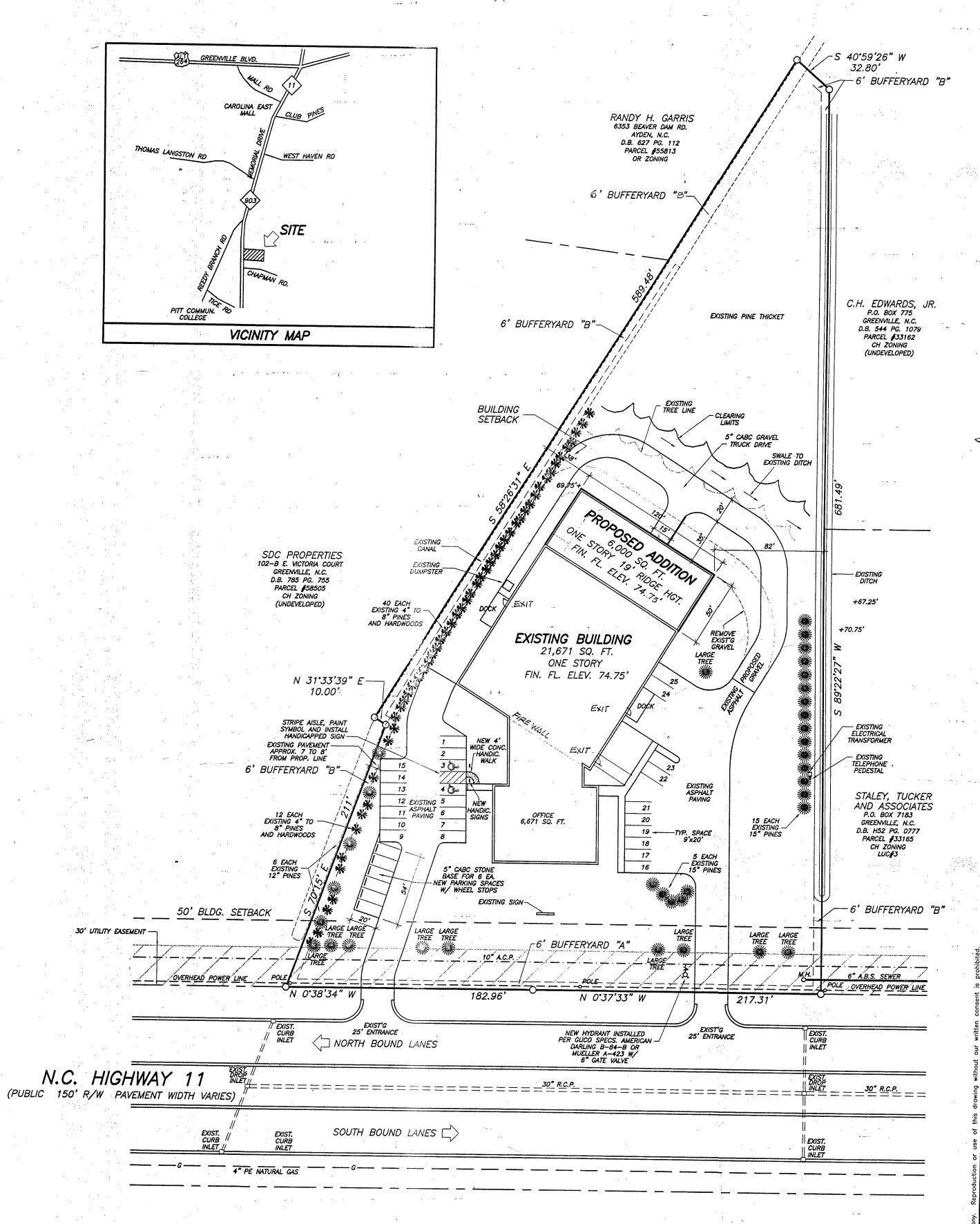
EXISTING VEGETATION AND VEGETATION TO BE INSTALLED

SITE REQUIREMENT: 10 EA. OF EXISTING 26 LARGE PINES MEET REQUIREMENT OF 19 LARGE TREES

10 EA. OF REMAINING 16 LARGE PINES MEET REQUIREMENT OF 38 SMALL TREES 6 EA. OF REMAINING 6 LARGE PINES ACCOUNT FOR 48 OF REQUIRED SHRUBS 16 EA. OF EXISTING 52 4" TO 8" PINES ACCOUNT FOR 47 OF REQUIRED SHRUBS PARKING LOT REQUIREMENT:

STREET YARD REQUIREMENT:

1 EACH LARGE TREES WILL BE INSTALLED





NATURAL GAS SERVICE

WILL NOT BE REQUESTED. IF SERVICE IS INSTALLED IN THE FUTURE, A 10'

EASEMENT WILL BE CENTERED OVER GAS LINES AS INSTALLED

PROPERTY INFORMATION 1. LOT ONE, BLOCK C, UNIVERSITY MEDICAL PARK, SECTION ONE

2. MAP BOOK 28, PAGES 69 OF THE PITT COUNTY REGISTRY 3. THIS PROPERTY IS NOT LOCATED IN A SPECIAL FLOOD HAZARDOUS AREA AS DETERMINED BY THE DEPT. OF HOUSING AND URBAN DEVELOPMENT



HUDSON BROTHERS



SHEET