



CANTERBURY P. DAVID BROWN BUILDING

5400 OLD LAKE JEANETTE RD, GREENSBORO, NC 27455

CONSTRUCTION DOCUMENTS - JANUARY 30, 2020

SCHEDULE OF DRAWINGS

CIVIL DRAWINGS

- C-1.1 CIVIL COVER
- C-1.2 OVERALL PLAN AND PHASING PLAN
- C-1.3 SITE AND UTILITY PLAN
- C-1.4 GRADING AND DRAINAGE PLAN
- C-1.5 STORMWATER MANAGEMENT PLAN
- C-1.6 EROSION CONTROL PLAN
- C-5.1 DETAIL SHEET
- C-5.2 EROSION CONTROL DETAILS

ARCHITECTURAL DRAWINGS

- LS-1 LIFE SAFETY PLAN
- A-1.1 FIRST FLOOR PLAN
- A-1.2 DIMENSION PLAN
- A-1.3 DOOR ELEVATIONS AND SCHEDULE
- A-1.4 WINDOW ELEVATIONS AND H, J, S DETAILS
- A-2.1 RCP AND DETAILS
- A-3.1 CASEWORK ELEVATIONS
- A-3.2 CASEWORK ELEVATIONS
- A-3.3 ENLARGED TOILET PLANS
- A-3.4 INTERIOR ELEVATIONS
- A-3.5 MOLDING DETAILS
- A-4.0 ROOF PLAN
- A-4.1 ROOF DETAILS
- A-5.1 PLAN DETAILS
- A-6.1 ELEVATIONS
- A-6.2 ELEVATIONS
- A-7.1 BUILDING SECTIONS
- A-8.1 WALL SECTIONS
- A-8.2 WALL SECTIONS

STRUCTURAL DRAWINGS

- S-1.1 FOUNDATION AND SLAB PLAN
- S-2.1 DETAILS
- S-3.1 DETAILS
- S-4.1 SPECIFICATIONS

PLUMBING DRAWINGS

- P-1 PLUMBING FIXTURE SCHEDULE, SYMBOLS AND NOTES
- P-2 PLUMBING PLAN
- P-3 PLUMBING DETAILS

MECHANICAL DRAWINGS

- M-1 HVAC SYMBOLS AND NOTES
- M-2 HVAC PLAN
- M-3 HVAC ATTIC PLAN
- M-4 HVAC SCHEDULE AND DETAILS
- M-5 HVAC VRF EQUIPMENT SCHEDULE
- M-6 HVAC VRF SYSTEM SCHEMATIC

ELECTRICAL DRAWINGS

- E-1 ELECTRICAL SYMBOLS AND NOTES
- E-2 POWER PLAN
- E-3 ATTIC POWER PLAN
- E-4 LIGHTING PLAN
- E-5 PANEL SCHEDULE AND RISER
- E-6 LIGHTING FIXTURE SCHEDULE
- FA-1 FIRE ALARM LAYOUT

INTERIOR DESIGN

- ID-1 DRAWING INDEX, FINISH PLAN
- ID-2 FLOOR PATTERN DETAIL PLANS
- ID-3 PUBLIC LOBBY, CORRIDOR AND RESTROOM ELEVATIONS, RESTROOM DETAIL PLANS, LIBRARY AND CLASSROOM ELEVATIONS
- ID-4 FINISH SCHEDULE, GENERAL NOTES, FINISH SPECIFICATIONS, DECORATIVE LIGHTING SPECIFICATIONS
- ID-5

ABBREVIATIONS

| | | | | | |
|-------------------|-------|------------------|----------|---------------------|-------|
| GYPSUM WALL BOARD | GWB | NOT APPLICABLE | NA | SQUARE YARD | SQ YD |
| HARDWARE | HDW | NOMINAL | NOM | STAINLESS STEEL | SS |
| HEIGHT | HGT | NOT IN CONTRACT | NIC | STANDARD | STD |
| HORIZONTAL | HRZ | NOT TO SCALE | NIS | STEEL | STL |
| HOT WATER | HW | ON CENTER | OC | STRUCTURAL | STRL |
| INCH | IN | OPPOSITE | OPP | SUSPENDED | SUSP |
| INSULATION | INSUL | PLASTIC LAMINATE | P LAM | SYSTEM | SYS |
| INTERIOR | INT | PLUMBING | PLB | TONQUE & GROOVE | T&G |
| INVERT | INV | PLYWOOD | PLYWD | TOP OF MASONRY | TOM |
| JUNCTION BOX | JB | QUANTITY | QTY | TOP OF STEEL | TOS |
| LAVATORY | LAV | REINFORCE | REINF | TYPICAL | TYP |
| LIGHT | LT | REMOVE | REMOV | UNFINISHED | UNF |
| LOUVER | LVR | REQUIRED | REQD | VENT THROUGH ROOF | VTR |
| MANUFACTURE | MFR | REVISION | REV | VERIFY IN THE FIELD | VF |
| MASONRY | MAS | ROOM | RM | VERTICAL | VERT |
| MASONRY OPENING | MO | ROUGH OPENING | ROU OPNG | WATER CLOSET | WC |
| MATERIAL | MTL | SCHEDULE | SCH | WEIGHT | WF |
| MAXIMUM | MAX | SECTION | SECT | WITHOUT | W/O |
| MECHANICAL | MECH | SIMILAR | SIM | WOOD | WOOD |
| METAL | MTL | SPECIFICATION | SPEC | SQUARE FEET | SQ FT |
| MINIMUM | MIN | SQUARE FEET | SQ FT | SQUARE INCHES | SQ IN |
| MISCELLANEOUS | MISC | | | | |

KEY TO SYMBOLS

| | | | |
|--|---------------------------|--|-----------------------------|
| | SECTION CUT REFERENCE | | NEW DOOR IDENTIFICATION TAG |
| | WINDOW IDENTIFICATION TAG | | CASEWORK ELEVATION TAG |
| | DETAIL REFERENCE | | DRAWING REVISION TAG |

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6449
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1/30/20

APPENDIX B - BUILDING CODE SUMMARY

APPENDIX B
2018 BUILDING CODE SUMMARY
FOR ALL COMMERCIAL PROJECTS
(EXCEPT 1 AND 2-FAMILY DWELLINGS AND TOWNHOUSES)

NAME OF PROJECT: P. DAVID BROWN LIBRARY AND ADMINISTRATION BUILDING
ADDRESS: 5400 OLD LAKE JEANETTE RD, GREENSBORO, NORTH CAROLINA ZIP CODE: 27455
OWNER / AUTHORIZED AGENT: RHONDA YOUNGDAHL PHONE # (336) 545-5391 EMAIL: YOUNGDAHL@CANTERBURYGSO.COM
OWNED BY: CITY/COUNTY PRIVATE STATE
CODE ENFORCEMENT JURISDICTION: CITY GREENSBORO COUNTY STATE

CONTACT: WALTON R. TEAGUE, FAIA, LEED AP
DESIGNER: FIRM NAME LICENSE # TELEPHONE # E-MAIL
ARCHITECTURAL: TTF ARCHITECTS & PLANNERS WALTON R. TEAGUE 6449 (336) 273-0101 WTEAGUE@TTFARCHITECTS.COM
EVANS ENGINEERING RICHARD DORCHINGER 18914 (336) 278-7456 RDORCHINGER@EVANS-ENG.COM
ELECTRICAL: EUBANKS HUMPHREY ENG. BRYAN HUMPHREY 032988 (336) 379-0663 BEHUMPHREY@BELLSOUTH.NET
FIRE ALARM: EUBANKS HUMPHREY ENG. BRYAN HUMPHREY 032988 (336) 379-0663 BEHUMPHREY@BELLSOUTH.NET
MECHANICAL: EUBANKS HUMPHREY ENG. BRYAN HUMPHREY 032988 (336) 379-0663 BEHUMPHREY@BELLSOUTH.NET
SPRINKLER-STANDPIPE: EUBANKS HUMPHREY ENG. BRYAN HUMPHREY 032988 (336) 379-0663 BEHUMPHREY@BELLSOUTH.NET
STRUCTURAL: STRUCTURAL SOLUTIONS TOM SHELMERDINE 14564 (336) 856-2686 TOM@SSPA.BIZ
RETAINING WALLS-HIGH: ID COLLABORATIVE BLAIR HART 028671 (336) 370-1117 BHART@DC.BIZ
OTHER - INTERIORS: ID COLLABORATIVE BLAIR HART 028671 (336) 370-1117 BHART@DC.BIZ
OTHER - LANDSCAPE: ID COLLABORATIVE BLAIR HART 028671 (336) 370-1117 BHART@DC.BIZ

2018 NC BUILDING CODE: NEW BUILDING SHELL/CORE 1ST TIME INTERIOR COMPLETIONS
EXISTING: ADDITION PHASED CONSTRUCTION - SHELL CORE

2018 NC EXISTING BUILDING CODE: PRESRIPTIVE ALTERATION LEVEL I HISTORIC PROPERTY
(CHECK ALL THAT APPLY) REPAIR ALTERATION LEVEL II CHANGE OF USE
 CHAPTER 14 ALTERATION LEVEL III

CONSTRUCTED: (DATE) N/A CURRENT USE(S) (CH. 3): N/A
RENOVATED: (DATE) N/A PROPOSED USE(S) (CH. 3): LIBRARY AND ADMINISTRATION BUILDING

OCCUPANCY CATEGORY (TABLE 1604.5) CURRENT: N/A PROPOSED: II

BASIC BUILDING DATA

CONSTRUCTION TYPE: (CHECK ALL THAT APPLY) I-A II-A III-A IV V-A
 I-B II-B III-B V-B

SPRINKLERS: NO PARTIAL NFPA 13 NFPA 13R NFPA 130

STANDPIPES: NO CLASS I II III WET DRY

PRIMARY FIRE DISTRICT: NO YES FLOOD HAZARD AREA: NO YES

SPECIAL INSPECTIONS REQUIRED: NO YES

GROSS BUILDING AREA TABLE

| FLOOR | EXISTING (SQ. FT.) | NEW (SQ. FT.) | SUBTOTAL |
|-----------|--------------------|---------------|---|
| MEZZANINE | N/A | 800 | 800 |
| 1ST FLOOR | N/A | 9,982 | 9,982 |
| TOTAL | N/A | 9,982 | 9,982 (NOT INCLUDING MEZZANINE PER 505.2) |

ALLOWABLE AREA

PRIMARY OCCUPANCY CLASSIFICATION(S):
ASSEMBLY A-1 A-2 A-3 A-4 A-5
BUSINESS B
EDUCATIONAL E
FACTORY F-1 MODERATE F-2 LOW
HAZARDOUS H-1 DETONATE H-2 DEF/FLAGRATE H-3 COMBUST H-4 HEALTH H-5 HPM
INSTITUTIONAL I-1 I-2 I-3 I-4
I-1 CONDITION 1 2 3 4
I-2 CONDITION 1 2 3 4 5
I-3 CONDITION 1 2 3 4 5
MERCANTILE M
RESIDENTIAL R-1 R-2 R-3 R-4
STORAGE S-1 MODERATE S-2 LOW HIGH-PILED
 PARKING GARAGE OPEN ENCLOSED REPAIR GARAGE
UTILITY AND MISCELLANEOUS U

ACCESSORY OCCUPANCY CLASSIFICATION(S):
INCIDENTAL USES (TABLE 509): N/A
THIS SEPARATION IS NOT EXCEPT AS A NONSEPARATED USE (SEE EXCEPTIONS)
SPECIAL USES (CHAPTER 4 - LIST CODE SECTIONS):
SPECIAL PROVISIONS (CHAPTER 5 - LIST CODE SECTIONS):
MIXED OCCUPANCY: NO YES SEPARATION: HRL EXCEPTED: S-3
 NON-SEPARATED USE (508.3)
 SEPARATED USE (508.4) - SEE BELOW FOR AREA CALCULATIONS FOR EXISTING STRUCTURE. THE AREA OF THE OCCUPANCY SHALL BE SUCH THAT THE SUM OF THE RATIOS OF THE ACTUAL FLOOR AREA OF EACH USE DIVIDED BY THE PERMISSIBLE FLOOR AREA FOR EACH USE SHALL NOT EXCEED 1.

| STORY NO. | DESCRIPTION AND USE | (A) BLDG. AREA PER STORY (ACTUAL) | (B) TABLE 508.2 ⁴ AREA | (C) AREA OF FRONTAGE INCREASE ^{1,2} | (D) ALLOWABLE AREA PER STORY OR UNLIMITED ^{3,4} |
|-----------|------------------------|-----------------------------------|-----------------------------------|--|--|
| 1 | BUSINESS AND EDUCATION | 9,982 | 9,000 | .75 | 15,750 |

¹FRONTAGE AREA INCREASES FROM SECTION 508.2 ARE COMPUTED THUS:
A. PERIMETER WHICH FRONTS A PUBLIC WAY OR OPEN SPACE HAVING 20 FEET MINIMUM WIDTH = 444 (F)
B. TOTAL BUILDING PERIMETER = 444 FT. (F/P)
C. RATIO (F/P) = 100 (F/P)
D. W = MINIMUM WIDTH OF PUBLIC WAY = 25 FT. (W)

²UNLIMITED AREA APPLICABLE UNDER CONDITIONS OF SECTION 507.

³MAXIMUM BUILDING AREA = TOTAL NUMBER OF STORES IN THE BUILDING x D (MAXIMUM 3 STORES) (506.2).
⁴THE MAXIMUM AREA OF OPEN PARKING GARAGES MUST COMPLY WITH 406.3.4. THE MAXIMUM AREA OF AIR TRAFFIC CONTROL TOWERS MUST COMPLY WITH 412.3.1.
⁵FRONTAGE INCREASE IS BASED ON THE UNSPRINKLERED AREA VALUE IN TABLE 508.2.

ALLOWABLE HEIGHT

| | ALLOWABLE | SHOWN ON PLANS | CODE REFERENCE |
|---|-----------|----------------|----------------|
| BUILDING HEIGHT IN FEET (TABLE 504.3) | 40 | 32'-0" | N/A |
| BUILDING HEIGHT IN STORES (TABLE 504.4) | 1 | 1 | N/A |

1. PROVIDE CODE REFERENCE IF THE "SHOWN ON PLANS" QUANTITY IS NOT BASED ON TABLE 504.3 OR 504.4.

FIRE PROTECTION REQUIREMENTS

| BUILDING ELEMENT | FIRE SEPARATION DISTANCE (FEET) | REQ'D | RATING PROVIDED (W/ REDUCTION) | DETAIL # AND SHEET # | DESIGN # FOR RATED ASSEMBLY | DESIGN # FOR RATED PENETRATION | DESIGN # FOR RATED JOINTS |
|---|---------------------------------|-------|--------------------------------|----------------------|-----------------------------|--------------------------------|---------------------------|
| STRUCTURAL FRAME | | | | | | | |
| BEARING WALLS | | | | | | | |
| EXTERIOR | | | | | | | |
| NORTH | >>30' | 0 | | | | | |
| EAST | >>30' | 0 | | | | | |
| WEST | 25'>>30' | 0 | | | | | |
| SOUTH | >>30' | 0 | | | | | |
| INTERIOR | | | | | | | |
| NON-BEARING WALLS AND PARTITIONS | | | | | | | |
| EXTERIOR WALLS | | | | | | | |
| NORTH | | | | | | | |
| EAST | | | | | | | |
| WEST | | | | | | | |
| SOUTH | | | | | | | |
| INTERIOR WALLS AND PARTITIONS | | | | | | | |
| FLOOR CONSTRUCTION | | | | | | | |
| FLOOR CEILING ASSEMBLY | | | | | | | |
| COLUMNS SUPPORTING FLOORS | | | | | | | |
| ROOF CONSTRUCTION INCLUDING SUPPORTING BEAMS AND JOISTS | | | | | | | |
| ROOF CEILING ASSEMBLY | | | | | | | |
| COLUMNS SUPPORTING ROOF | | | | | | | |
| SHAFT ENCLOSURES - EXIT (STAIRS) | N/A | N/A | | | | | |
| SHAFT ENCLOSURES - OTHER | N/A | N/A | | | | | |
| CORRIDOR SEPARATION | | | | | | | |
| OCCUPANCY/FIRE BARRIER SEPARATION | | | | | | | |
| PARTY/FIRE WALL SEPARATION | | | | | | | |
| SMOKE BARRIER SEPARATION | | | | | | | |
| SMOKE PARTITION | | | | | | | |
| TENANT/DWELLING UNIT/SLEEPING QUARTERS SEPARATION | | | | | | | |
| INCIDENTAL USE SEPARATION | | | | | | | |

PERCENTAGE OF WALL OPENING CALCULATIONS

| FIRE SEPARATION DISTANCE (FEET) FROM PROPERTY LINES | DEGREE OF OPENINGS PROTECTION (TABLE 703.5) | ALLOWABLE AREA (%) | ACTUAL SHOWN ON PLANS (%) |
|---|---|--------------------|---------------------------|
| >>30' | N/A | NO LIMIT | N/A |
| 25'>>30' | | 70% | 3% |

LIFE SAFETY SYSTEM REQUIREMENTS

EMERGENCY LIGHTING: YES NO
EXIT SIGNS: YES NO
FIRE ALARM: YES NO
SMOKE DETECTION SYSTEMS: YES NO
CARBON MONOXIDE DETECTION: YES NO

LIFE SAFETY PLAN REQUIREMENTS

LIFE SAFETY PLAN SHEET # LS1.1

FIRE AND/OR SMOKE RATED WALL LOCATIONS (CHAPTER 7)
 ASSUMED AND REAL PROPERTY LINE LOCATIONS (IF NOT ON SITE PLAN)
 EXTERIOR WALL OPENING AREA WITH RESPECT TO DISTANCE TO ASSUMED PROPERTY LINES (703.6)
 OCCUPANCY USE FOR EACH AREA AS IT RELATES TO OCCUPANT LOAD CALCULATION (TABLE 1004.1.2)
 OCCUPANT LOADS FOR EACH AREA
 EXIT ACCESS TRAVEL DISTANCES (1017)
 COMMON PATH OF TRAVEL DISTANCES [(TABLES 1006.2.1 & 1006.3.2(1))]
 DEAD END LENGTHS (1020.4)
 CLEAR EXIT WIDTHS FOR EACH EXIT DOOR
 MAXIMUM CALCULATED OCCUPANT LOAD CAPACITY EACH EXIT DOOR CAN ACCOMMODATE BASED ON EGRESS WIDTH (1005.3)
 ACTUAL OCCUPANT LOAD FOR EACH EXIT DOOR
 A SEPARATE SCHEMATIC PLAN INDICATING WHERE FIRE RATED FLOOR/CEILING AND/OR ROOF STRUCTURE IS PROVIDED FOR PURPOSES OF OCCUPANCY SEPARATION
 LOCATION OF DOORS WITH PANIC HARDWARE (1010.1.10)
 LOCATION OF DOORS WITH DELAYED EGRESS LOCKS AND THE AMOUNT OF DELAY (1010.1.9.7)

LOCATION OF DOORS WITH ELECTROMAGNETIC EGRESS LOCKS (1010.1.9.9)
LOCATION OF DOORS EQUIPPED WITH HOLD-OPEN DEVICES
LOCATION OF EMERGENCY ESCAPE WINDOWS (1030)
THE SQUARE FOOTAGE OF EACH FIRE AREA (202)
THE SQUARE FOOTAGE OF EACH SMOKE COMPARTMENT FOR OCCUPANCY CLASSIFICATION I-2 (407.5)
NOTE ANY CODE EXCEPTIONS OR TABLE NOTES THAT MAY HAVE BEEN UTILIZED REGARDING THE ITEMS ABOVE
* SEE 1020.1 FOR CORRIDOR RATING EXCEPTIONS

ACCESSIBLE DWELLING UNITS (SECTION 1107)

| TOTAL UNITS | ACCESSIBLE UNITS REQUIRED | ACCESSIBLE UNITS PROVIDED | TYPE A UNITS REQUIRED | TYPE A UNITS PROVIDED | TYPE B UNITS REQUIRED | TYPE B UNITS PROVIDED | TOTAL ACCESSIBLE UNITS PROVIDED |
|-------------|---------------------------|---------------------------|-----------------------|-----------------------|-----------------------|-----------------------|---------------------------------|
| N/A | | | | | | | |

ACCESSIBLE PARKING (SECTION 1106)

| LOT OR PARKING AREA | TOTAL # OF PARKING SPACES REQUIRED | ACCESSIBLE SPACES PROVIDED | | | TOTAL # ACCESSIBLE SPACES PROVIDED |
|---------------------|------------------------------------|------------------------------|----------------------------------|--------------------------|------------------------------------|
| | | REGULAR WITH 5' ACCESS AISLE | VAN SPACES WITH 13' ACCESS AISLE | VAN SPACES WITH 5' AISLE | |
| LOT | X | 6 | 0 | | 2 |
| TOTAL | | | | | |

REFER TO OTHER DRAWINGS FOR MORE INFORMATION CONCERNING CURBS OF BUILDING

PLUMBING FIXTURE REQUIREMENTS

| USE | WATER SINKS | | URINALS | | LAVATORIES | | SHOWERS/TUBS | | DRINKING FOUNTAINS | | |
|----------|-------------|-----|---------|-------|------------|--------|--------------|---------|--------------------|---------|------------|
| | EXISTING | NEW | FEMALE | UNSEX | MALE | FEMALE | UNSEX | REGULAR | ACCESSIBLE | REGULAR | ACCESSIBLE |
| EXISTING | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 0 | 0 | 0 |
| NEW | 2 | 5 | 1 | 3 | 3 | 3 | 1 | | 1 | 1 | 1 |
| REQ'D | 5 | 5 | 1 | 0 | 3 | 3 | 0 | | 1 | 1 | 1 |

SPECIAL APPROVALS

SPECIAL APPROVAL: (LOCAL JURISDICTION, DEPARTMENT OF INSURANCE, OSG, DPI, DHS, ICC, ETC., DESCRIBE BELOW)
NOT APPLICABLE

ENERGY REQUIREMENTS:

THE FOLLOWING DATA SHALL BE CONSIDERED MINIMUM AND ANY SPECIAL ATTRIBUTE REQUIRED TO MEET THE ENERGY CODE SHALL ALSO BE PROVIDED. EACH DESIGNER SHALL FURNISH THE REQUIRED PORTIONS OF THE PROJECT INFORMATION FOR THE PLAN DATA SHEET. IF PERFORMANCE METHOD, STATE THE ANNUAL ENERGY COST FOR THE STANDARD REFERENCE DESIGN VS ANNUAL ENERGY COST FOR THE PROPOSED DESIGN.

EXISTING BUILDING ENVELOPE COMPLES WITH CODE: (IF CHECKED, THE REMAINDER OF THIS SECTION IS NOT APPLICABLE.)
EXEMPT BUILDING: PROVIDE CODE OR STATUTORY REFERENCE:

CLIMATE ZONE: 3A 4A 5A

METHOD OF COMPLIANCE:
ENERGY CODE: PERFORMANCE PRESRIPTIVE
ASHRAE 90.1: PERFORMANCE PRESRIPTIVE
OTHER: PERFORMANCE (SPECIFY SOURCE)

THERMAL ENVELOPE: (PRESRIPTIVE METHOD ONLY)

ROOF/CEILING ASSEMBLY (EACH ASSEMBLY)
DESCRIPTION OF ASSEMBLY: ASPHALT SHINGLE ON SHEATHING ON 6" RIGID INSULATION ON WOOD TRUSSES
U-VALUE OF TOTAL ASSEMBLY: 0.0307
R-VALUE OF INSULATION: R-30ci (RIGID)
SKYLIGHTS IN EACH ASSEMBLY: N/A
U-VALUE OF SKYLIGHT: N/A
TOTAL SQUARE FOOTAGE OF SKYLIGHTS IN EACH ASSEMBLY: N/A

EXTERIOR WALLS (EACH ASSEMBLY)
DESCRIPTION OF ASSEMBLY: 4" MASONRY VENEER OR FIBER CEMENT PANEL, AIRSPACE, 2" RIGID INSULATION, AIR BARRIER, EXTERIOR SHEATHING, 6" WOOD STUD FRAMING, 6" BATT INSULATION, INTERIOR GYPSUM WALLBOARD
U-VALUE OF TOTAL ASSEMBLY: 0.036
R-VALUE OF INSULATION: R-10 MIN. PER INCH (RIGID), R-19 MIN. PER INCH (BATT.)
OPENINGS (WINDOWS OR DOORS WITH GLAZING)
U-VALUE OF ASSEMBLY: .47
SOLAR HEAT GAIN COEFFICIENT: .81
PROJECTION FACTOR: VARIES
DOOR R-VALUES: .48 U-VALUE

WALLS BELOW GRADE (EACH ASSEMBLY)
DESCRIPTION OF ASSEMBLY: N/A
U-VALUE OF TOTAL ASSEMBLY: N/A
R-VALUE OF INSULATION:

FLOORS OVER UNCONDITIONED SPACE (EACH ASSEMBLY)
DESCRIPTION OF ASSEMBLY: N/A
U-VALUE OF TOTAL ASSEMBLY:
R-VALUE OF INSULATION:

FLOORS SLAB ON GRADE
DESCRIPTION OF ASSEMBLY: 4" CONCRETE SLAB W/ 15 MIL VAPOR BARRIER ON COMPACTED FILL, R-15 (24" WIDE) CONTINUOUS HORIZONTAL RIGID INSULATION AT PERIMETER OF BUILDING
U-VALUE OF TOTAL ASSEMBLY: .087
R-VALUE OF INSULATION: R-15
HORIZONTAL/VERTICAL REQUIREMENT: TO FOOTING OR 24" HORIZ.
SLAB HEATED: NO