HAYWOOD COUNTY FAIRGROUNDS

TOILET FACILITIES & ACCESSIBILITY RAMP

CLYDE, NORTH CAROLINA

LEGEND

- SECTION NO. / SHEET NO.
- DETAIL NO. / SHEET NO.
- EXTERIOR ELEV. NO. / SHEET NO.
- 1/A1.0 — SHEET NO. / INTERIOR ELEV. NO.
- ROOM NAME; 0001 / A — ROOM NUMBER / FINISH DESIGNATOR
- 0001 — DOOR NUMBER
- W1 — WINDOW KEY
- F1 — FRAME KEY
- L1 — LOUVER KEY
- D1 / R1 — DEMO / REVISION KEY
- S — SOUND ATTENUATION PARTITION TAG
- ELEVATION
- CMU
- CONCRETE
- BRICK
- BATT INSULATION
- RIGID INSULATION
- CRUSHED STONE
- ROUGH CARPENTRY
- FINISH CARPENTRY
- GWB
- SHEATHING
- STEEL
- PLYWOOD

ABBREVIATIONS

ABV.	ABOVE	LF.	LINEAR FEET
ACT	ACOUSTICAL CEILING TILE		
@	AT	M.B.	MARKER BOARD
A.B.	ANCHOR BOLT	MAS.	MASONRY
A/C	AIR CONDITIONING	MATL.	MATERIAL
ACOUST.	ACOUSTICAL	MAX.	MAXIMUM
ADJ.	ADJACENT	MECH.	MECHANICAL
ALUM.	ALUMINUM	MEMB.	MEMBRANE
APPROX.	APPROXIMATE	MFR.	MANUFACTURER
ARCH.	ARCHITECT (URAL)	MIN.	MINIMUM
∠	ANGLE	MISC.	MISCELLANEOUS
		MTD.	MOUNTED
BD.	BOARD	MTL.	METAL
BTWN.	BETWEEN	MST	METAL STUDS
BLDG.	BUILDING		
BLKG.	BLOCKING	N.A.	NOT APPLICABLE
BM.	BEAM	N.I.C.	NOT IN CONTRACT
BOT.	BOTTOM	NO.	NUMBER
BRG.	BEARING	N.T.S.	NOT TO SCALE
CG	CORNER GUARD	O.C.	ON CENTER
C.I.	CAST IRON	O.H.	OVERHEAD
C.J.	CONTROL JOINT	OHG.	OVERHANG
℄	CENTER LINE	OPG.	OPENING
CLR.	CLEAR	OPP.	OPPOSITE
CLG.	CEILING		
CMU	CONCRETE MASONRY UNIT	PNL.	PANEL
CONC.	CONCRETE	PART'N	PARTITION
COND.	CONDENSER	PERF.	PERFORATED
CONT.	CONTINUOUS	PERIM.	PERIMETER
CONST.	CONSTRUCTION	POLY.	POLYETHYLENE
CTR.	CENTER	PVC	POLYVINYL CHLORIDE
[OR CHAN.	CHANNEL	PREFAB.	PREFABRICATED
		PTD.	PAINTED
DBL.	DOUBLE	PT, TR.	PRESSURE TREATED
DEMO.	DEMOLITION	PLYWD.	PLYWOOD
DTL.	DETAIL	PL.	PLATE
DIA. OR Ø	DIAMETER		
DN.	DOWN	RAD.	RADIUS
DR.	DOOR	R.D.	ROOF DRAIN
DWG.	DRAWING	REQ'D	REQUIRED
		RL	ROOF LEADER
EA.	EACH	RM.	ROOM
ELEV.	ELEVATION	R.O.	ROUGH OPENING
ELEC.	ELECTRICAL	R.X.	REMOVE EXISTING
ENCL.	ENCLOSURE	RE	REINFORCING
EQ.	EQUAL		
EQUIP.	EQUIPMENT	SHEATH'G	SHEATHING
EXIST.	EXISTING	SCH.	SCHEDULE
EXT.	EXTERIOR	SECT.	SECTION
EXP.	EXPOSED / EXPANSION	SHT.	SHEET
		SIM.	SIMILAR
FC	FACE OF CONCRETE	SPEC(S)	SPECIFICATION(S)
FCM	FACE OF CMU	SQ.	SQUARE
F.B.	FIRE BARRIER	SF	SQUARE FOOT (FEET)
FLR	FLOOR	STD.	STANDARD
FRAM'G	FRAMING	SS	STAINLESS STEEL
FLUOR.	FLUORESCENT	STL.	STEEL
FIN.	FINISHED	STRUCT.	STRUCTURAL
FURR'G	FURRING	SUR.	SURFACE
FURN.	FURNISHED	SUSP.	SUSPENDED
F.R.T.	FIRE RETARDANT		
FS	FACE OF METAL STUD	T.B.	TACK BOARD
FSL	FACE OF FLOOR SLAB	T.O.S.	TOP OF STEEL
FT.	FOOT	T.O.W.	TOP OF WALL
F.E.C.	FIRE EXTINGUISHER CABINET	THK.	THICK
F.H.C.	FIRE HOSE CABINET	TYP.	TYPICAL
		TEMP.	TEMPERED
GA.	GAUGE		
GALV.	GALVANIZED	U.L.	UNDERWRITER'S LABORATORY
GR.	GRADE	U.O.N.	UNLESS OTHERWISE NOTED
GL.	GLASS		
GWB	GYPSUM WALL BOARD	V.B.	VAPOR BARRIER
		VER.	VERTICAL
HDW.	HARDWARE	V.I.F.	VERIFY IN FIELD
H.M.	HOLLOW METAL	VWC	VINYL WALLCOVERING
HOR.	HORIZONTAL	VCT	VINYL COMPOSITION TILE
H.P.	HEIGHT POINT		
HT.	HEIGHT	W/	WITH
INSUL.	INSULATED (ING)	WD.	WOOD
INT.	INTERIOR	WDW.	WINDOW
IN.	INCH	W/O	WITHOUT
		WT.	WEIGHT
JST.	JOIST	W.R.	WATER RESISTANT
JT.	JOINT	WWF	WELDED WIRE FABRIC

BUILDING CODE SUMMARY

NAME OF PROJECT: HAYWOOD COUNTY FAIRGROUNDS TOILET FACILITIES & ACCESSIBILITY RAMP
ADDRESS: ZIP CODE: 28786
PROPOSED USE: MULTIFUNCTIONAL ASSEMBLY SPACE
OWNER OR AUTHORIZED AGENT: HAYWOOD COUNTY PHONE # 828-452-6651 EMAIL:
OWNED BY: ■CITY/COUNTY ☐PRIVATE ☐STATE
CODE ENFORCEMENT JURISDICTION: ☐CITY ■COUNTY HAYWOOD COUNTY

LEAD DESIGN PROFESSIONAL:

DESIGNER	FIRM	NAME	LICENSE #	TELEPHONE #
ARCHITECTURAL	PADGETT & FREEMAN	SCOTT T. DONALD	6182	828-254-1963
CIVIL				
ELECTRICAL	REECE, NOLAND & McELRATH	JASON S. DENTON	035223	828-253-3280
FIRE ALARM	REECE, NOLAND & McELRATH	JASON S. DENTON	035223	828-253-3280
PLUMBING	REECE, NOLAND & McELRATH	JEFFREY R. POWELL	025989	828-253-3280
MECHANICAL	REECE, NOLAND & McELRATH	MARK R. McDOWELL	024539	828-253-3280
SPRINKLER-STANDPIPE	REECE, NOLAND & McELRATH	JEFFREY R. POWELL	025989	828-253-3280
STRUCTURAL	KLOESEL ENGINEERING P.A.	E.J. KLOESEL	14320	828-255-0780
RETAINING WALLS > 5' HIGH				
OTHER				

2009 EDITION OF NC CODE FOR: ■NEW CONSTRUCTION ☐ADDITION ☐UPFIT
EXISTING: ☐RECONSTRUCTION ■ALTERATION ☐REPAIR
CONSTRUCTED: ???? ORIGINAL USE: ???? RENOVATED: 2004 CURRENT USE: ASSEMBLY

BUILDING DATA
CONSTRUCTION TYPE ☐I-A ☐II-A ☐III-A ☐IV ☐V-A ☐I-B ■II-B ☐III-B ☐V-B
MIXED CONSTRUCTION ☐NO ☐YES TYPES
SPRINKLERS ☐NO ☐PARTIAL ■YES ■NFPA 13 ☐NFPA 13R ☐NFPA 13D
STANDPIPES ■NO ☐YES CLASS ☐I ☐II ☐III ☐WET ☐DRY
FIRE DISTRICT ■NO ☐YES
FLOOD HAZARD AREA ■NO ☐YES
BUILDING HEIGHT 56 FEET 1 NUMBER OF STORIES
MEZZANINE ■NO ☐YES

GROSS BUILDING AREA

FLOOR	EXISTING (SQ. FEET)	NEW (SQ. FEET)	SUB-TOTAL
6TH FLOOR			
5TH FLOOR			
4TH FLOOR			
3RD FLOOR			
2ND FLOOR			
MEZZANINE			
1ST FLOOR	68,526	68,526	68,526
BASEMENT			
TOTAL	68,526	68,526	68,526

ALLOWABLE AREA
PRIMARY OCCUPANCY
ASSEMBLY: ☐A-1 ☐A-2 ☐A-3 ☐A-4 ■A-5
☐BUSINESS
☐EDUCATIONAL
FACTORY: ☐F-1 MODERATE ☐F-2 LOW
HAZARDOUS: ☐H-1 DETONATE ☐H-2 DEFLAGRATE ☐H-3 COMBUST ☐H-4 HEALTH ☐H-5 HPM
INSTITUTIONAL: ☐I-1 ☐I-2 ☐I-3 ☐I-4
I-3 USE CONDITION ☐1 ☐2 ☐3 ☐4 ☐5
☐MERCANTILE
RESIDENTIAL: ☐R-1 ☐R-2 ☐R-3 ☐R-4
STORAGE: ☐S-1 MODERATE ☐S-2 LOW ☐HIGH PILED
☐UTILITY AND MISCELLANEOUS
☐PARKING GARAGE ☐OPEN ☐ENCLOSED ☐REPAIR GARAGE
SECONDARY OCCUPANCY
SPECIAL USES: ☐402 ☐403 ☐404 ☐405 ☐406 ☐407 ☐408 ☐409 ☐410 ☐411 ☐412 ☐413 ☐414 ☐415 ☐416 ☐417 ☐418 ☐419 ☐420 ☐421 ☐422 ☐423
SPECIAL PROVISIONS: ☐509.2 ☐509.3 ☐509.4 ☐509.5 ☐509.6 ☐509.7 ☐509.8
MIXED OCCUPANCY ☐NO ☐YES ☐508.4 SEPARATION HR EXCEPTION

☐INCIDENTAL USE SEPARATION (508.2)

THIS SEPARATION IS NOT EXEMPT AS A NON-SEPARATED USE (SEE EXCEPTIONS)

☐NON- SEPARATED USE (508.3.2)
THE REQUIRED TYPE OF CONSTRUCTION FOR THE BUILDING SHALL BE DETERMINED BY APPLYING THE HEIGHT AND AREA LIMITATIONS FOR EACH OF THE APPLICABLE OCCUPANCIES TO THE ENTIRE BUILDING. THE MOST RESTRICTIVE TYPE OF CONSTRUCTION, SO DETERMINED, SHALL APPLY TO THE ENTIRE BUILDING.

☐SEPARATED USE (508.3.3)) - SEE BELOW FOR AREA CALCULATIONS
FOR EACH STORY, 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 ALLOWABLE FLOOR AREA FOR EACH USE SHALL NOT EXCEED 1.

ACTUAL AREA OF OCCUPANCY A / ALLOWABLE AREA OF OCCUPANCY A + ACTUAL AREA OF OCCUPANCY B / ALLOWABLE AREA OF OCCUPANCY B ≤ 1
_____ + _____ = _____ ≤ 1.00

STORY NO.	DESCRIPTION AND USE	(A) BUILDING AREA PER STORY (ACTUAL)	(B) TABLE 503 AREA	(C) AREA FOR OPEN SPACE INCREASE	(D) AREA FOR SPRINKLER INCREASE	(E) ALLOWABLE AREA OR UNLIMITED	(F) MAXIMUM BUILDING AREA
1	ASSEMBLY	68,526	UNLIMITED	N/A	N/A	N/A	UNLIMITED

1. OPEN SPACE AREA INCREASES FROM SECTION 506.2 ARE COMPUTED THUS:
A. PERIMETER WHICH FRONTS A PUBLIC WAY OR OPEN SPACE HAVING 20 FEET MINIMUM WIDTH = (F)
B. TOTAL BUILDING PERIMETER = (P)
C. RATIO (F/P) = (F/P)
D. W= MINIMUM WIDTH OF PUBLIC WAY = (W)
E. PERCENT OF FRONTAGE INCREASE I = 100 [F/P - 0.25] X W/30 = (%)
2. THE SPRINKLER INCREASE AS PER SECTION 506.3 IS AS FOLLOWS:
A. MULTI-STORY BUILDING I = 200 PERCENT
B. SINGLE STORY BUILDING I = 300 PERCENT
3. UNLIMITED AREA APPLICABLE UNDER CONDITIONS OF SECTIONS GROUP B, F, M, S, A-3, A-4 (507); GROUP A MOTION PICTURE (507.10); COVERED MALL BUILDINGS (402.6); AND H-2 AIRCRAFT PAINT HANGERS (507.8).
4. MAXIMUM BUILDING AREA= TOTAL NUMBER OF STORIES IN THE BUILDING x E (506.4)
5. THE MAXIMUM AREA OF PARKING GARAGES MUST COMPLY WITH 406.3.5. THE MAXIMUM AREA OF AIR TRAFFIC CONTROL TOWERS MUST COMPLY WITH 412.1.2.

ALLOWABLE HEIGHT

	ALLOWABLE (TABLE 503)	INCREASE FOR SPRINKLERS	SHOWN ON PLANS	CODE REFERENCE
TYPE OF CONSTRUCTION	TYPE: II-B		TYPE II-B	
BUILDING HEIGHT IN	FEET 55	FEET= H + 20' = 75	FEET 56	
BUILDING HEIGHT IN	STORIES UL	STORIES + 1= N/A	STORIES 1	

FIRE PROTECTION REQUIREMENTS
LIFE SAFETY PLAN SHEET #, IF PROVIDED

BUILDING ELEMENT	FIRE SEPARATION DISTANCE (FEET)	RATING REQ'D	RATING PROVIDED (W/ ???? REDUCTION)	DETAIL # AND SHEET #	DESIGN # FOR RATED ASSEMBLY	DESIGN # FOR RATED PENETRATION	DESIGN # FOR RATED JOINTS
STRUCTURAL FRAME INCLUDING COLUMNS, GIRDERS, TRUSSES	>30	0	N/A				
BEARING WALLS							
EXTERIOR							
NORTH	>30	0	N/A				
EAST	>30	0	N/A				
WEST	>30	0	N/A				
SOUTH	>30	0	N/A				
INTERIOR	>30	0	N/A				
NONBEARING WALLS AND PARTITIONS							
EXTERIOR							
NORTH	>30	0	N/A				
EAST	>30	0	N/A				
WEST	>30	0	N/A				
SOUTH	>30	0	N/A				
INTERIOR	>30	0	N/A				
FLOOR CONSTRUCTION INCLUDING SUPPORTING BEAMS AND JOISTS	>30	0	N/A				
ROOF CONSTRUCTION INCLUDING SUPPORTING BEAMS AND JOISTS	>30	0	N/A				
SHAFTS- EXIT	N/A	N/A					
SHAFTS- OTHER	N/A	N/A					
CORRIDOR SEPARATION	N/A	N/A					
OCCUPANCY SEPARATION	N/A	N/A					
PARTY/FIRE WALL SEPARATION	N/A	N/A					
SMOKE BARRIER SEPARATION	N/A	N/A					
TENANT SEPARATION	N/A	N/A					

* INDICATE SECTION NUMBER PERMITTING REDUCTION

LIFE SAFETY SYSTEM REQUIREMENTS

EMERGENCY LIGHTING:	☐NO	■YES
EXIT SIGNS:	☐NO	■YES
FIRE ALARM:	☐NO	■YES
SMOKE DETECTION SYSTEMS:	☐NO	■YES ☐PARTIAL
PANIC HARDWARE:	■NO	☐YES NO DOORS - OPEN PERIMETER

EXIT REQUIREMENTS
NUMBER AND ARRANGEMENT OF EXITS

FLOOR, ROOM OR SPACE DESIGNATION	MINIMUM * NUMBER OF EXITS REQUIRED	MINIMUM * NUMBER OF EXITS SHOWN ON PLANS	TRAVEL DISTANCE ALLOWABLE TRAVEL DISTANCE (TABLE 1016.1)	TRAVEL DISTANCE ALLOWABLE TRAVEL DISTANCE SHOWN ON PLANS	ARRANGEMENT MEANS OF EGRESS * (SECTION 1015.2) REQUIRED DISTANCE BETWEEN EXIT DOORS	ARRANGEMENT MEANS OF EGRESS * (SECTION 1015.2) ACTUAL DISTANCE SHOWN ON PLANS

1. CORRIDOR DEAD ENDS (SECTION 1017.3)
2. SINGLE EXITS (TABLE 1018.2), SPACES WITH ONE MEANS OF EGRESS (TABLE 1015.1)
3. COMMON PATH OF TRAVEL (SECTION 1014.3)

EXIT WIDTH
USE OF GROUP OR SPACE DESCRIPTION

(A) AREA SQ. FT	(B) AREA PER OCCUPANT (TABLE 1004.1.1)	CALCULATED OCCUPANT LOAD (a/b)	(C) EGRESS WIDTH PER OCCUPANT (TABLE 1005.1) STAIR	(C) EGRESS WIDTH PER OCCUPANT (TABLE 1005.1) LEVEL	EXIT WIDTH (in) 4.5 5.6 REQUIRED WIDTH (SECTION 1005.1) (a/b) x c STAIR	EXIT WIDTH (in) 4.5 5.6 REQUIRED WIDTH (SECTION 1005.1) (a/b) x c LEVEL	ACTUAL WIDTH SHOWN ON PLANS STAIR	ACTUAL WIDTH SHOWN ON PLANS LEVEL

1. SEE TABLE 1004.1.1 TO DETERMINE WHETHER NET OR GROSS AREA IS APPLICABLE, SEE DEFINITION "AREA, GROSS" AND "AREA, NET" (SECTION 1002)
2. MINIMUM STAIRWAY WIDTH (SECTION 1009.1); MIN. CORRIDOR WIDTH (SECTION 1017.2); MIN. DOOR WIDTH (1008.1)
3. MINIMUM WIDTH OF EXIT PASSAGEWAY (SECTION 1021.2)
4. SEE SECTION 1004.5 FOR CONVERGING EXITS
5. THE LOSS OF ONE MEANS OF EGRESS SHALL NOT REDUCE THE AVAILABLE CAPACITY TO LESS THAN 50 PERCENT OF THE TOTAL REQUIRED (SECTION 1005.1)
6. ASSEMBLY OCCUPANCIES (SECTION 1025)

STRUCTURAL DESIGN
DESIGN LOADS
IMPORTANCE FACTORS
WIND (I_L)
SNOW (I_S)
SEISMIC (I_E)
LIVE LOADS
ROOF PSF
MEZZANINE PSF
FLOOR PSF
GROUND SNOW LOAD PSF
WIND LOAD
BASIC WIND SPEED MPH (ASCE-7-02)
EXPOSURE CATEGORY
WIND BASE SHEARS (FOR MWFRS) Vx= Vy=

SEISMIC DESIGN CATEGORY ☐A ☐B ☐C ☐D
PROVIDE THE FOLLOWING SEISMIC DESIGN PARAMETERS:
OCCUPANCY CATEGORY (TABLE 1604.5) ☐I ☐II ☐III ☐IV
SPECTRAL RESPONSE ACCELERATION S_{ms} %g S_{m1} %g
SITE CLASSIFICATION ☐FIELD TEST ☐PRESUMPTIVE ☐HISTORICAL DATA
BASIC STRUCTURAL SYSTEMS (CHECK ONE) ☐BEARING WALL ☐BUILDING FRAME ☐MOMENT FRAME ☐DUAL w/SPECIAL MOMENT FRAME ☐DUAL w/INTERMEDIATE R/C OR SPECIAL STEEL ☐INVERTED PENDULUM
SEISMIC BASE SHEAR Vx Vy
ANALYSIS PROCEDURE ☐SIMPLIFIED ☐EQUIVALENT LATERAL FORCE ☐MODAL
ARCHITECTURAL, MECHANICAL, COMPONENTS ANCHORED?
LATERAL DESIGN CONTROL EARTHQUAKE WIND
SOIL BEARING CAPACITIES
FIELD TEST (PROVIDE COPY OF TEST REPORT) PSF
PRESUMPTIVE BEARING CAPACITY PSF
PILE SIZE, TYPE, AND CAPACITY

PLUMBING FIXTURE REQUIREMENTS

	USE	WATERCLOSETS MALE	WATERCLOSETS FEMALE	WATERCLOSETS UNISEX	URINALS	LAVATORIES MALE	LAVATORIES FEMALE	SHOWERS/ TUBS	DRINKING FOUNTAINS REGULAR	DRINKING FOUNTAINS ACCESSIBLE
SPACE	EXISTING	0	0	0	0	0	0	0	0	0
	NEW	6	19	1	5	4	5	0	2	2
	REQUIRED	11	19	1	N/A	4	5	0	2	2

ACCESSIBLE PARKING
LOT OR PARKING AREA TOTAL # OF PARKING SPACES # OF ACCESSIBLE SPACES PROVIDED TOTAL #

EXISTING - UNALTERED

TOTAL

SPECIAL APPROVALS
SPECIAL APPROVAL: (LOCAL JURISDICTION, DEPARTMENT OF INSURANCE, SBCCI, ICC, ETC. DESCRIBE BELOW)

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 THE ENERGY COST BUDGET METHOD, STATE THE ANNUAL ENERGY COST BUDGET VS ALLOWABLE ANNUAL ENERGY COST BUDGET.

THERMAL ENVELOPE:
METHOD OF COMPLIANCE:
■ PRESCRIPTIVE 0 % GLAZED WALL AREA ☐PERFORMANCE ☐ENERGY COST BUDGET

ROOF/CEILING ASSEMBLY (EACH ASSEMBLY)	
DESCRIPTION OF ASSEMBLY	WOOD TRUSSES, PLYWOOD SHEATHING, METAL ROOF PANELS
U-VALUE OF TOTAL ASSEMBLY	.033
R-VALUE OF INSULATION	R-30
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	8" CMU WALLS, 2" RIGID INSULATION, 4" SPLITFACE
U-VALUE OF TOTAL ASSEMBLY	0.0714
R-VALUE OF INSULATION	R-14
OPENINGS (WINDOWS OR DOORS WITH GLAZING)	
U-VALUE OF ASSEMBLY	
SHADING COEFFICIENT	
PROJECTION FACTOR	
LOW E REQUIRED, IF APPLICABLE	
DOOR U-VALUES	0.41
WALLS ADJACENT TO UNCONDITIONED SPACE (EACH ASSEMBLY)	
DESCRIPTION OF ASSEMBLY	
U-VALUE OF TOTAL ASSEMBLY	
R-VALUE OF INSULATION	
OPENINGS (WINDOWS OR DOORS WITH GLAZING)	
U-VALUE OF ASSEMBLY	
LOW E REQUIRED, IF APPLICABLE	
DOOR R-VALUES	
WALLS BELOW GRADE (EACH ASSEMBLY)	
DESCRIPTION OF ASSEMBLY	
U-VALUE OF TOTAL ASSEMBLY	
R-VALUE OF INSULATION	
FLOORS OVER UNCONDITIONED SPACE (EACH ASSEMBLY)	
DESCRIPTION OF ASSEMBLY	
U-VALUE OF TOTAL ASSEMBLY	
R-VALUE OF INSULATION	
FLOORS SLAB ON GRADE	
DESCRIPTION OF ASSEMBLY	4" CONCRETE SLAB, 4" CRUSHED STONE
U-VALUE OF TOTAL ASSEMBLY	-
R-VALUE OF INSULATION	R-10
HORIZONTAL/VERTICAL REQUIREMENT	2' RIGID INSULATION @ PERIMETER
SLAB HEATED	N/A

ELECTRICAL SUMMARY
ELECTRICAL SYSTEM AND EQUIPMENT
METHOD OF COMPLIANCE:
☐PRESCRIPTIVE ☐PERFORMANCE ☐ENERGY COST BUDGET
LIGHTING SCHEDULE
LAMP TYPE REQUIRED IN FIXTURE
NUMBER OF LAMPS IN FIXTURE
BALLAST TYPE USED IN THE FIXTURE
NUMBER OF BALLASTS IN FIXTURE
TOTAL WATTAGE PER FIXTURE
TOTAL INTERIOR WATTAGE
TOTAL EXTERIOR WATTAGE
EQUIPMENT SCHEDULES
MOTOR HORSEPOWER
NUMBER OF PHASES
MINIMUM EFFIGIENCY
MOTOR TYPE
OF POLES

SEE ELECTRICAL SHEETS

MECHANICAL SUMMARY
MECHANICAL SYSTEMS, SERVICE SYSTEMS, AND EQUIPMENT
METHOD OF COMPLIANCE:
☐PRESCRIPTIVE ☐ PERFORMANCE ☐ ENERGY COST BUDGET
THERMAL ZONE
WINTER DRY BULB
SUMMER DRY BULB
INTERIOR DESIGN CONDITIONS
WINTER DRY BULB
SUMMER DRY BULB
RELATIVE HUMIDITY
BUILDING HEATING LOAD
BUILDING COOLING LOAD
MECHANICAL SPACING CONDITIONING SYSTEM
UNITARY
DESCRIPTION OF UNIT
HEATING EFFICIENCY
COOLING EFFICIENCY
HEAT COOLING
COOLING
BOILER
TOTAL BOILER OUTPUT, IF OVERSIZED STATE REASON
CHILLER
TOTAL CHILLER CAPACITY, IF OVERSIZED STATE REASON
LIST EQUIPMENT EFFICIENCIES
EQUIPMENT SCHEDULES WITH MOTORS (MECHANICAL SYSTEMS)
MOTOR HORSEPOWER
NUMBER OF PHASES
MINIMUM EFFIGIENCY
MOTOR TYPE

SEE MECHANICAL SHEETS

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E1 ELECTRICAL SYMBOLS & NOTES
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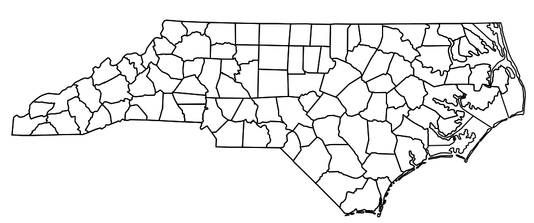
E3 ELECTRICAL RISERS & PANEL SCHEDULE

LOCATION MAP



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NORTH CAROLINA ARCHITECTURAL CORPORATION — CERT. NO. C110 — PADGETT & FREEMAN ARCHITECTS, P.A. — ASHEVILLE, N.C. — REGISTERED

REVIEW ONLY
NOT FOR CONSTRUCTION

NORTH CAROLINA — SCOTT T. DONALD — 6182 — SEAL — ARCHITECT — ASHEVILLE — REGISTERED

HAYWOOD COUNTY FAIRGROUNDS
TOILET FACILITIES & ACCESSIBILITY RAMP
CLYDE, NORTH CAROLINA

Revision

Project number
1062
Drawn by
CRC
Name
CODE SHEET

Date
OCTOBER 20, 2010
Sheet
CS1.0