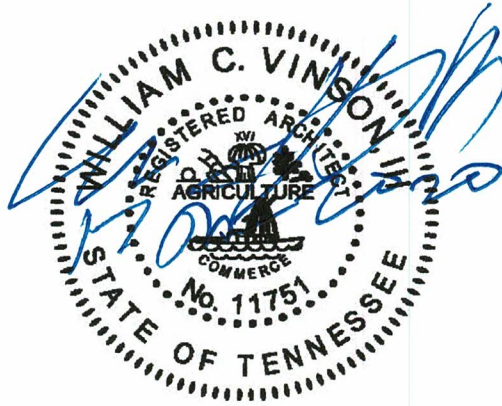


PROJECT MANUAL
GENERAL CONSTRUCTION FOR
**POWELL HIGH SCHOOL
ADDITIONS AND RENOVATIONS
POWELL, TN**

ADDENDUM #01

17 January 2020



PREPARED BY



COMMUNITY TECTONICS ARCHITECTS, INC.
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OFFICE OF COUNTY MAYOR GLENN JACOBS

Procurement Division, 1000 N. Central Street, Suite 100, Knoxville, TN 37917

POWELL HIGH SCHOOL
ADDITIONS AND RENOVATIONS
COMMUNITY TECTONICS ARCHITECTS, INC.

ADDENDUM #1
JANUARY 17, 2020
SECTION 00 91 13.1 Page 1

ADDENDUM NUMBER ONE

The above named documents are hereby modified, amended, or supplemented as enumerated herein. All such modifications, amendments, and/or supplements shall be considered as though originally specified and/or shown on the drawings or in the specifications. This addendum shall be acknowledged on the bid form. All parties receiving this document are responsible for reviewing all items included in this addendum regardless of headings as listed herein.

SPECIFICATIONS

ITEM #SP1: Refer to Section 08 71 00, Door Hardware and Emergency Key Lock of the Specifications. Change hardware set #6 to the following:

SET NO. 6 Each to have:		
3	Butt Hinges	BB1279 4.5" x 4.5" x NRP
1	Lever Storeroom	ND96BD x SPA
1	Door Closer	4111
1	Wall Stop	as specified
2	Silencers	SR64

ITEM #SP2: Refer to Section 07 53 00, Elastomeric Membrane Roofing of the Specifications. On page 6 of Section 07 53 00, change the next to last sentence on this page to read:

"Insulation shall be installed such that the average "R" insulative value of the polyisocyanurate board shall be no less than 36.

ITEM #SP3: Refer to Section 08 41 13, Aluminum Framed Entrances and Storefronts, of the specifications. Clarify that Doors 102A and 102B shall have closures and positive latching as required by the IBC.

ITEM #SP4: Refer to Section 08 80 00, Glazing, of the Specifications.

On page 5 of Section 08 80 00, change the Outdoor Lite on all 1" insulated glass from clear to tinted. Provide product equal to grey, Solarban 70 Glass, Vitro Architectural Glass.

ITEM #SP5: Refer to Sections 00 11 16, Invitation to Bid, 00 21 13, Instructions to Bidders, of the Specifications. Delete all references to the bid deposit being non-refundable. The bid deposit of the successful bidder shall be retained. The deposit of all other bidders shall be returned to those bidders.

ARCHITECTURAL

ITEM #A1: Refer to Sheet A001, Door Schedule/Frame Elevations/Details, of the Drawings
On the door schedule on Sheet A001, change the hardware set for doors 103A and 109A to hardware set #7.



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ITEM #A2: Refer to Sheet G000, Cover Sheet, of the Drawings.

Delete Sheet G000 in its entirety and replace with the attached Sheet G000, which add the fire marshal project number and other project information.

ITEM #A3: Refer to the Architectural Drawings.

Add attached Sheet A603, Floor Finishes Plan, to the Drawings. This drawing delineates the desired floor pattern for the project.

END OF ADDENDUM NO. ONE (1)

POWELL HIGH SCHOOL

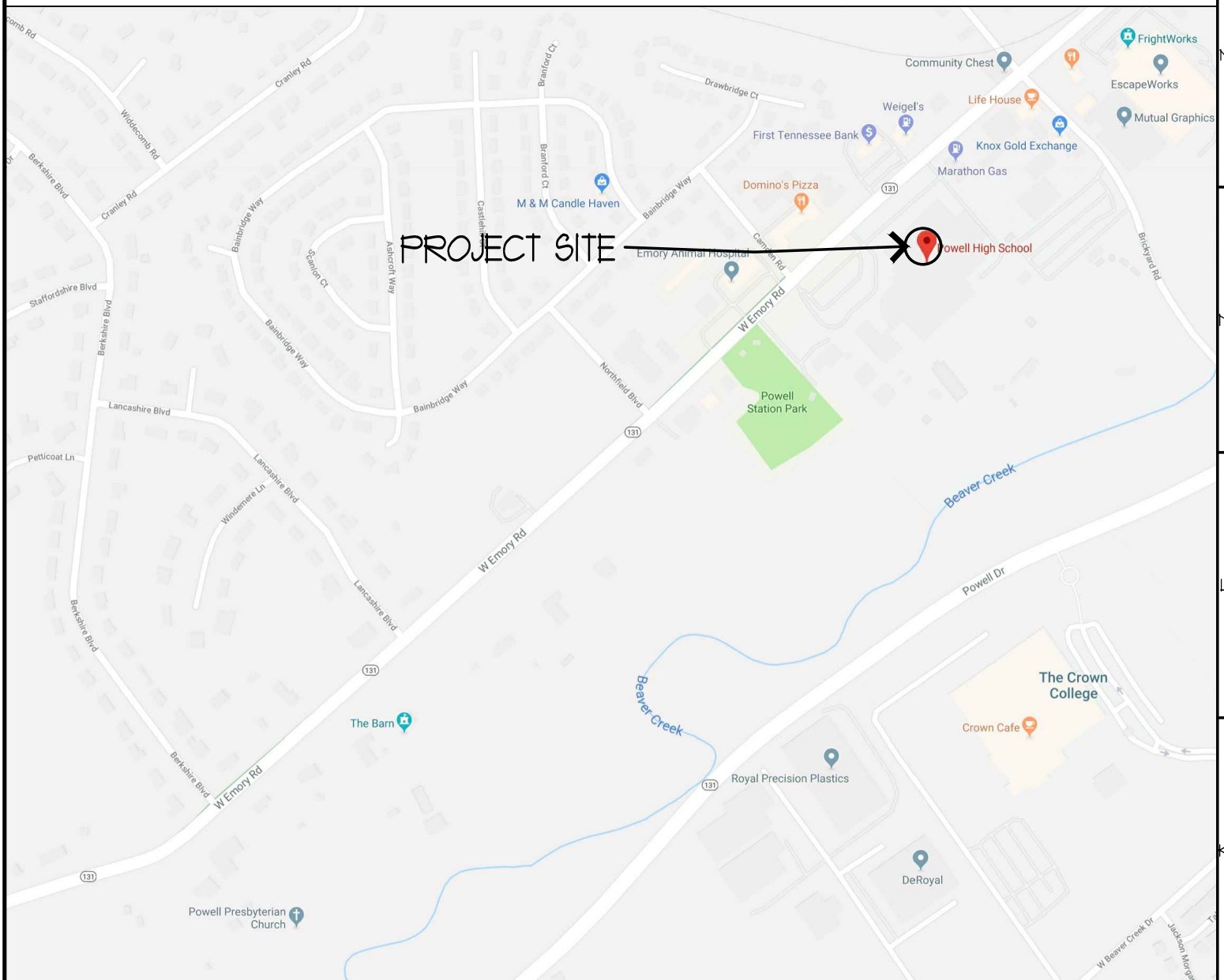
ADDITIONS & RENOVATIONS

POWELL, TENNESSEE

CONSTRUCTION DOCUMENTS

TFM 00860
PROJECT #2020-01-13-1

VICINITY MAP:



DRAWING INDEX

G000 COVER SHEET

CIVIL
T8000 EXISTING SITE SURVEY

C101 STORM DRAINAGE RELOCATION PLAN
C102 STORM DRAINAGE RELOCATION - DETAILS
C103 SANITARY SEWER RELOCATION PLAN
C104 SITE DETAILS

ARCHITECTURAL

A000 NOTES, WALL TYPES, & UL ASSEMBLIES
A001 DOOR SCHED./ FRAME ELEVATIONS/ DETAILS
A002 COLUMN DETAILS
A003 FINISH SCHED./ FRAME ELEVATIONS/ DETAILS

A5101 ENLARGED EXISTING SITE & DEMO PLAN
A5102 ENLARGED SITE GRADING & EROSION CONTROL PLAN
A5103 ENLARGED SITE LAYOUT PLAN

A100 OVERALL EXISTING/DEMO FLOOR PLAN
A101 OVERALL FLOOR PLAN
A102 LIFE SAFETY PLAN
A102.1 ENLARGED LIFE SAFETY PLAN
A103 ENLARGED EXISTING & DEMO PLAN
A104 ENLARGED FLOOR PLAN
A105 EXISTING ROOF PLAN
A106 ENLARGED ROOF PLAN

A200 EXISTING/DEMO EXTERIOR ELEVATIONS
A201 ENLARGED EXISTING & DEMO ELEVATIONS
A202 ENLARGED ELEVATIONS
A203 EXISTING/DEMO BUILDING SECTIONS
A204 TYPICAL BUILDING SECTIONS
A205 TYPICAL BUILDING SECTIONS

A300 ENLARGED PLANS, ELEVATIONS, STAIR SECTIONS, & DETAILS

A401 RCP - ENLARGED EXISTING PLAN
A402 RCP - ENLARGED PLAN

A501 WALL SECTIONS
A502 WALL SECTIONS
A503 WALL SECTIONS

A601 MILLWORK ELEVATIONS
A602 MILLWORK SECTIONS & DETAILS
A603 FLOOR FINISHES PLAN

STRUCTURAL

S100 STRUCTURAL NOTES
S101 FOUNDATION PLAN
S102 ROOF FRAMING PLAN
S103 ROOF TOP MECHANICAL UNIT PLAN

S201 STRUCTURAL DETAILS
S202 STRUCTURAL DETAILS
S203 STRUCTURAL DETAILS

MECHANICAL

M001 LEGEND AND SCHEDULES - HVAC
M002 SCHEDULES - HVAC

M100 ENLARGED PLAN - HVAC DEMO
M101 ENLARGED PLAN - HVAC
M102 ENLARGED PLANS - HVAC

M201 DETAILS - HVAC
M202 DETAILS - HVAC

PLUMBING

P001 LEGEND, SCHEDULES, AND DETAILS - PLUMBING

P100 PLUMBING SITE PLAN - DEMO
P101 PLUMBING SITE PLAN
P102 FLOOR PLANS - PLUMBING
P103 FLOOR PLANS - PLUMBING

FIRE PROTECTION

FP001 LEGEND, SCHEDULES, AND DETAILS - FIRE PROTECTION
FP002 INTENT & DETAILS - FIRE PROTECTION

FP100 FIRE PROTECTION SITE PLAN - DEMO
FP101 FIRE PROTECTION SITE PLAN
FP102 FLOOR PLAN - FIRE PROTECTION
FP103 FLOOR PLAN - FIRE PROTECTION

ABBREVIATIONS

#	FOUND OR NUMBER	HC	HOLLOW CORE
&	AND	HM	HOLLOW METAL
@	AT	HR	HOUR
ACT	ACOUSTIC CEILING TILE	HVAC	HEATING, VENTILATING, AND AIR
AD	AREA DRAIN		CONDITIONING
AF	ABOVE FINISHED FLOOR	I	INSULATED GLASS
ALUM	ALUMINUM	INSUL	INSULATED OR INSULATION
ANOD	ANODIZED	INT	INTERIOR
BSMT	BASEMENT	LVT	LUXURY VINYL TILE
BYND	BEYOND	MAX	MAXIMUM
BOT	BOTTOM	MO	MASONRY OPENING
CIP	CAST IN PLACE	MECH	MECHANICAL
CHNL	CHANNEL	MIN	MINIMUM
CJ	CONTROL JOINT	MTL	METAL
CL	CENTER LINE	NIC	NOT IN CONTRACT
CLG	CEILING	NO	NUMBER
CLR	CLEAR	NOM	NOMINAL
CMU	CONCRETE MASONRY UNIT	OC	ON CENTER
COL	COLUMN	OH	OFFSHORE HAND
CONC	CONCRETE	OZ	OUNCE
CONT	CONTINUOUS	PLUMB	PLUMBING
CPT	CARPET	PLYD	PLYWOOD
CT	CERAMIC TILE	PTD	PAPER TOWEL DISPENSER
DBL	DOUBLE	PT	PRESSURE TREATED
DEMO	DEMOLISH OR DEMOLITION	PNT	PAINT OR PAINTED
DIA	DIAMETER	RCP	REFLECTED CEILING PLAN
DN	DOWN	RD	ROOF DRAIN
DR	DOOR	REQD	REQUIRED
DS	DOWN SPOUT	RM	ROOM
DWG	DRAWING	SD	SOAP DISPENSER
EA	EACH	SIM	SIMILAR
EJ	EXPANSION JOINT	SN	SANITARY NAPKIN DISPOSAL
EL	ELEVATION	SND	SANITARY NAPKIN DISPENSER
ELEC	ELECTRICAL	SPEC	SPECIFIED OR SPECIFICATION
ELEV	ELEVATOR OR ELEVATION	SPK	SPRINKLER OR SPEAKER
EPDM	ETHYLENE PROPYLENE DIENE	SSTL	STAINLESS STEEL
M-CLASS	(ROOFING)	STC	SOUND TRANSMISSION COEFFICIENT
EQ	EQUAL	STL	STEEL
EXIST	EXISTING	STRUCT	STRUCTURE OR STRUCTURAL
EXT	EXTERIOR		
FD	FLOOR DRAIN OR FIRE DEPARTMENT	TI	TEMPERED GLASS
FE	FIRE EXTINGUISHER	TIG	TEMPERED INSULATED
FEC	FIRE EXTINGUISHER CABINET	TJ	TONGUE AND GROOVE
FG	FIRE GLASS	TLT	TOILET
FIXT	FIXTURE	TO	TOP OF
FLR	FLOOR	TOC	TOP OF CONCRETE ON CURB
FEE	FINISH FLOOR ELEVATION	TOB	TOP OF STEEL
FO	FACE OF	TPD	TOILET PAPER DISPENSER
FND	FOUNDATION	T/D	TELEPHONE/DATA
GA	GAUGE	TYP	TYPICAL
GALV	GALVANIZED	UNO	UNLESS NOTED OTHERWISE
GB	GRAB BAR	US	UNDERSIDE
GWB	GYPSUM WALL BOARD	VIF	VERIFY IN FIELD
		W	WITH
		WD	WOOD
		WG	WIRE GLASS

OWNER & CONTACT INFORMATION

OWNER: KNOX COUNTY SCHOOLS (BUILDING AND PROPERTY)
312 SOUTH GAY STREET
KNOXVILLE, TENNESSEE 37902
865-594-1800

CONTACT: DOUGLAS DILLINGHAM
OFFICE: 865-594-1825 MOBILE: 865-740-7118 EMAIL: doug@edwillingham@knoxschools.org

FIRE DEPT: FIRE CHIEF GENE BLAYLOCK
RURAL METRO FIRE DEPARTMENT - STATION 31
7210 OLD CLINTON PIKE
POWELL, TN 37849
865-546-9360

FIRE MARSHAL: DENNIS RHODES
500 JAMES ROBERTSON PKWY - 9TH FLOOR, DAVY CROCKETT TOWER
NASHVILLE, TN 37243
615-253-4730; DENNIS.RHODES@TN.GOV

REFERENCE SYMBOLS

	SECTION		WINDOW MARKER
	ELEVATION		ROOM NUMBER
	DETAIL		REVISION
	LEVEL LINE		NORTH ARROW
	COLUMN LINE		BREAK LINE
	DOOR MARKER		HIDDEN LINE

BUILDING CODE INFORMATION

APPLICABLE CODES (KNOX COUNTY):
2018 INTERNATIONAL BUILDING CODE (EXCL. CHAPTERS 11 & 27)
2018 INTERNATIONAL EXISTING BUILDING CODE
2018 INTERNATIONAL PLUMBING CODE
2018 INTERNATIONAL MECHANICAL CODE
2018 INTERNATIONAL FUEL GAS CODE
2018 INTERNATIONAL ENERGY CONSERVATION CODE
2018 NFPA 101 LIFE SAFETY CODE
2018 INTERNATIONAL FIRE CODE
2018 NATIONAL ELECTRIC CODE TENNESSEE PUBLIC BUILDING
ACCESSIBILITY ACT - 2010 (ADA)

BUILDING "A"

LOCATION: 2136 W. EMORY ROAD POWELL, TN, 37849
JURISDICTION: STATE OF TENNESSEE AND COUNTY OF KNOX
TFM No: -
OCCUPANCY: GROUP "E" - EDUCATIONAL
CONSTRUCTION TYPE: TYPE II B, UNPROTECTED, SPRINKLERED
ALLOWED BLDG. HEIGHT: 75'
ACTUAL BLDG. HEIGHT: 33'-4" +/-
ALLOWED NO. OF STORIES: 3
ACTUAL NO. OF STORIES: 2
ALLOWED AREA OF BLDG.: 108,750 SF IF 2-STORY; 68,875 SF IF SINGLE STORY
ACTUAL BUILDING AREA: 120,209 APPROXIMATE GROSS SF (EXISTING)
AREA TO BE RENOVATED: 10,492 SF
OCCUPANCY LOAD: 215 IN RENOVATION (4594 FROM EXIST. AUDITORIUM)
DESIGN CRITERIA:
HANDRAILS/GUARDRAILS: 200* CONCENTRATED LOAD, 50* UNIFORM LOAD

BUILDING "B"

OCCUPANCY: GROUP "E" - EDUCATIONAL
CONSTRUCTION TYPE: TYPE II B, UNPROTECTED, SPRINKLERED
ALLOWED BLDG. HEIGHT: 75'
ACTUAL BLDG. HEIGHT: 22'-6" +/-
ALLOWED NO. OF STORIES: 3
ACTUAL NO. OF STORIES: 1
ALLOWED AREA OF BLDG.: 68,875 SF MAX 1-STORY
ACTUAL BUILDING AREA: 11,954 APPROXIMATE GROSS SF (EXISTING); 18,894 W/ NEW ADDITION
OCCUPANCY LOAD: 39 NEW ADDITION
DESIGN CRITERIA:
HANDRAILS/GUARDRAILS: 200* CONCENTRATED LOAD, 50* UNIFORM LOAD

APPLICABLE CODES (STATE OF TENNESSEE):
2012 INTERNATIONAL BUILDING CODE (EXCL. CH. 11 & SECT. 3411)
2012 INTERNATIONAL EXISTING BUILDING CODE
2012 INTERNATIONAL PLUMBING CODE
2012 INTERNATIONAL MECHANICAL CODE
2012 INTERNATIONAL FUEL GAS CODE
2012 INTERNATIONAL ENERGY CONSERVATION CODE
2012 NFPA 101 LIFE SAFETY CODE
2012 INTERNATIONAL FIRE CODE
2017 NATIONAL ELECTRIC CODE

WORK SHALL INCLUDE ADDING A 3 HOUR FIRE WALL TO SEPARATE THE EXISTING BUILDING INTO TWO BUILDINGS. BUILDING "A" WILL INCLUDE 10,492 SF OF INTERIOR RENOVATION. BUILDING "B" WILL INCLUDE A 6,940 SF ADDITION. OCCUPANCY SHALL REMAIN "EDUCATIONAL" FOR BOTH BUILDINGS. TYPE WILL REMAIN IIB. UNPROTECTED, SPRINKLERED FOR BOTH BUILDINGS. BUILDING USE SHALL REMAIN UNCHANGED.

BUILDING "A"

LOCATION: 2136 W. EMORY ROAD POWELL, TN, 37849
JURISDICTION: STATE OF TENNESSEE AND COUNTY OF KNOX
TFM No: -
OCCUPANCY: GROUP "E" - EDUCATIONAL
CONSTRUCTION TYPE: TYPE II B, UNPROTECTED, SPRINKLERED
ALLOWED BLDG. HEIGHT: 75'
ACTUAL BLDG. HEIGHT: 33'-4" +/-
ALLOWED NO. OF STORIES: 2
ACTUAL NO. OF STORIES: 2
ALLOWED AREA OF BLDG.: 54,375 SF MAX IF 2-STORY; 68,875 SF MAX IF 1-STORY
ACTUAL BUILDING AREA: 120,209 APPROXIMATE GROSS SF (EXISTING)
RENOVATED AREA: 10,492 SF
OCCUPANCY LOAD: 215 IN RENOVATION
DESIGN CRITERIA:
HANDRAILS/GUARDRAILS: 200* CONCENTRATED LOAD, 50* UNIFORM LOAD

BUILDING "B"

OCCUPANCY: GROUP "E" - EDUCATIONAL
CONSTRUCTION TYPE: TYPE II B, UNPROTECTED, SPRINKLERED
ALLOWED BLDG. HEIGHT: 75'
ACTUAL BLDG. HEIGHT: 22'-6" +/-
ALLOWED NO. OF STORIES: 2
ACTUAL NO. OF STORIES: 1
ALLOWED AREA OF BLDG.: 68,875 SF (1-STORY)
ACTUAL BUILDING AREA: 11,954 APPROXIMATE GROSS SF (EXISTING); 18,894 W/ NEW ADDITION (6,940 SF)
OCCUPANCY LOAD: 39 NEW ADDITION
DESIGN CRITERIA:
HANDRAILS/GUARDRAILS: 200* CONCENTRATED LOAD, 50* UNIFORM LOAD

ARCHITECTS, PLANNERS, INTERIOR DESIGNERS
COMMUNITY TECTONICS ARCHITECTS
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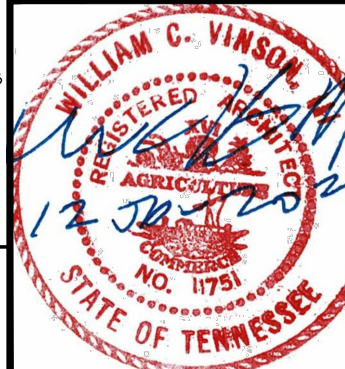
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POWELL HIGH SCHOOL
ADDITIONS & RENOVATIONS
POWELL, TENNESSEE
KNOX COUNTY, TENNESSEE

CONSTRUCTION DOCUMENTS
COVER SHEET

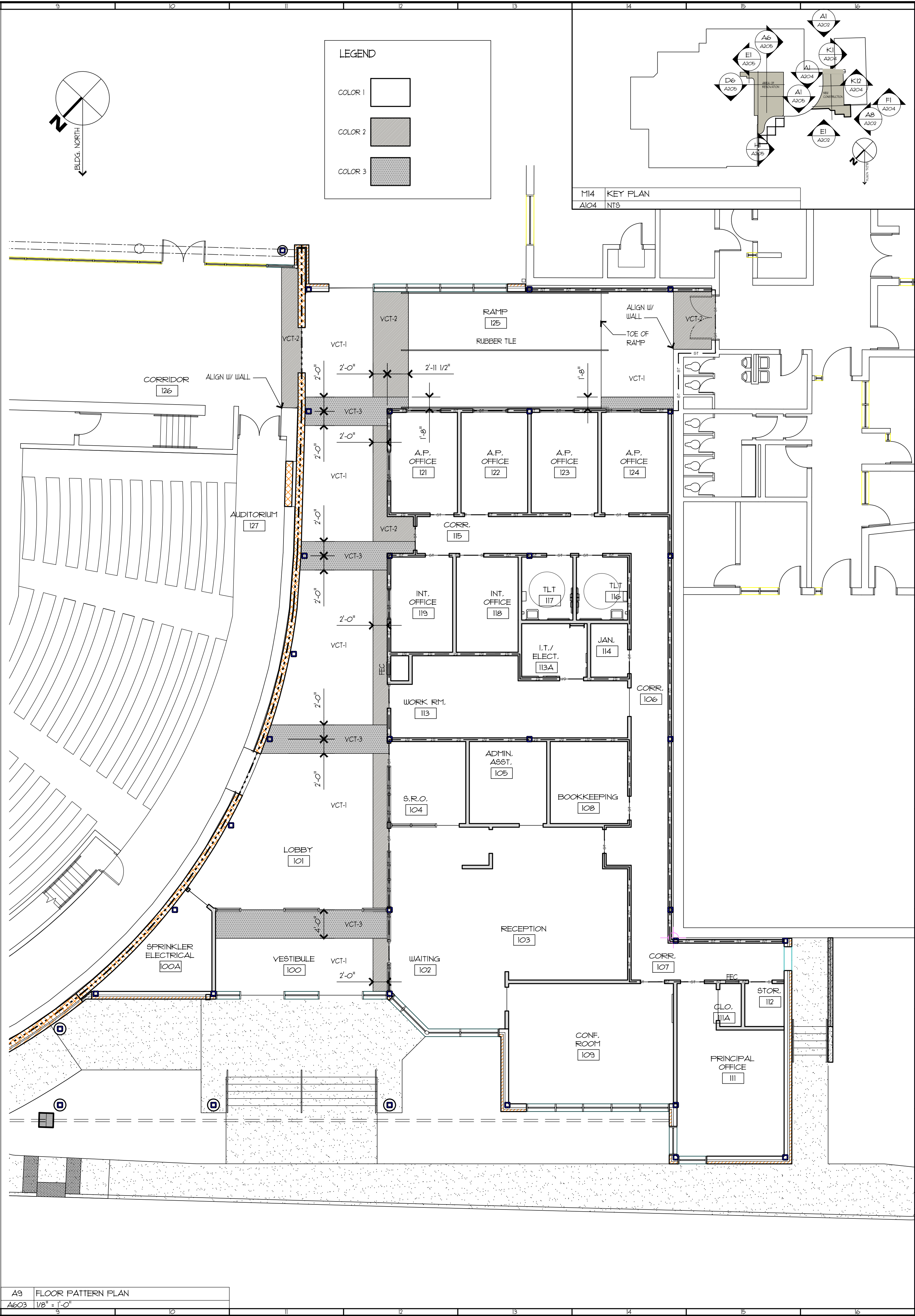
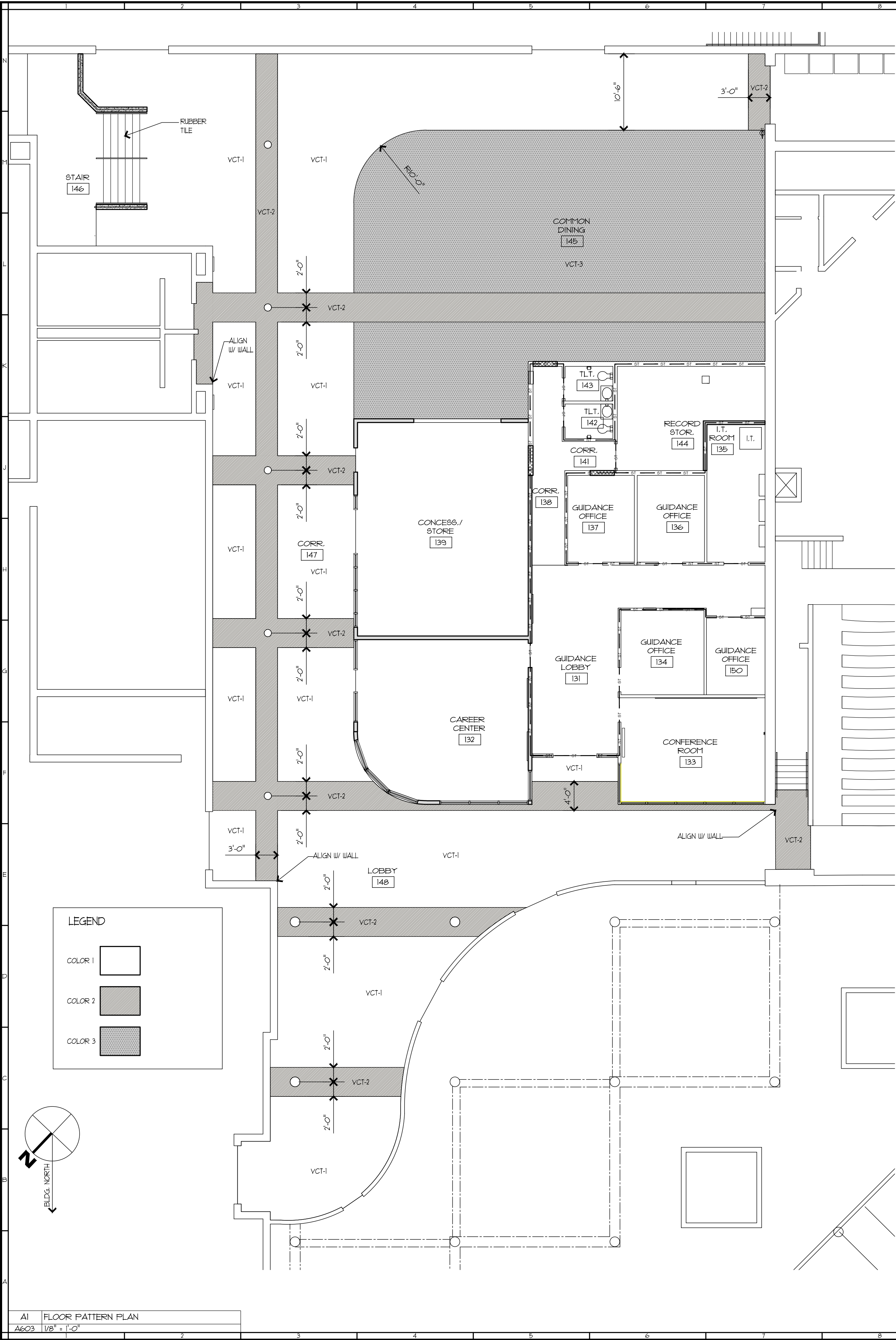
DRAWN: ZYC
PROJECT ARCHITECT: WCV
PROJECT DIRECTOR: WCV
JOB#: 18018
DATE: 01-12-2020

REVISIONS
NO. DESCRIPTION DATE
01 PROJECT INFO 01/17/20



G000

E:\18018 Powell High Additions & Renovations\Construction Documents\02 Drawings\01 Architecture\01 Floor Plans\A603.dwg (24x36) - Tuesday, January 14, 2020, 10:40am - Copyright 2020, COMMUNITY TECTONICS ARCHITECTS



COMMUNITY
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COMMUNITY TECTONICS ARCHITECTS
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POWELL HIGH SCHOOL
ADDITIONS & RENOVATIONS
POWELL, TENNESSEE
KNOX COUNTY, TENNESSEE

CONSTRUCTION DOCUMENTS
FLOOR FINISHES PLAN

DRAWN: P-V11
PROJECT ARCHITECT: WCV
PROJECT DIRECTOR: WCV
JOB#: 18018
DATE: 01-12-2020

REVISIONS
NO. DESCRIPTION DATE

WILLIAM C. VIRSON
REGISTERED ARCHITECT
NO. 1795
STATE OF TENNESSEE

A603