SDARNG
Barracks/Classroom Building 802
Audio/Visual Design
Camp Rapid

Rapid City, South Dakota

CONSTRUCTION DOCUMENTS

FMO #FRC460132F

TSP Project # 04121087

COMMON ABBREVIATIONS

SYMBOLS USED AS ABBREVIATIONS:

&	AND
∠	ANGLE
LL	DOUBLE ANGLE
@	AT
℄	CENTER LINE
¢	PENNEY
ℙ	PLATE
#	POUND OR NUMBER
ø	ROUND OR DIAMETER

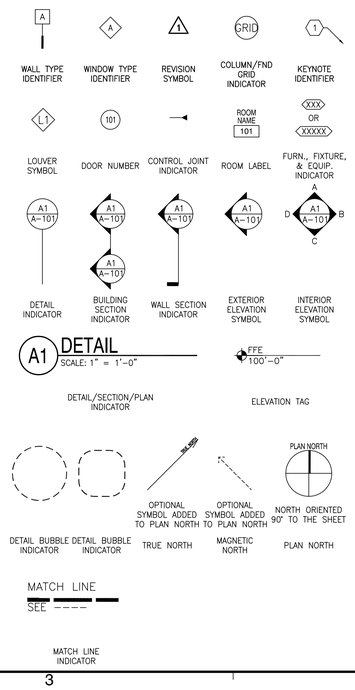
ABBREVIATIONS:

A&E	ARCHITECTURAL AND ENGINEERING
AB	ANCHOR BOLT/ROD
ABV	ABOVE
ADDM	ADDENDUM
ADH	ADHESIVE
ADJ	ADJUSTABLE, ADJACENT, ADJOINING
AFF	ABOVE FINISH FLOOR
AFG	ABOVE FINISH GRADE
AGGR	AGGREGATE
AHR	ANCHOR, ANCHORAGE
ALT	ALTERNATE
ALUM	ALUMINUM
APC	ACOUSTICAL PANEL CEILING
APPROX	APPROXIMATE
ARCH	ARCHITECT (URAL)
ASI	ARCHITECTURAL SUPPLEMENTAL INFORMATION
BD	BOARD
BEV	BEVELED
BFF	BELOW FINISH FLOOR
BL	BRICK LEDGE
BLK	BLOCK (ING)
BM	BEAM
BOT	BOTTOM
BO	BOTTOM OF
BOC	BOTTOM OF CONCRETE
BOF	BOTTOM OF FOOTING
BRG	BEARING
BRK	BRICK
BSMT	BASEMENT
BTWN	BETWEEN
C	CHANNEL
CAB	CABINET
CB	CERAMIC BASE
CD	CONSTRUCTION DOCUMENTS
CF	CUBIC FEET OR FOOT
CG	CORNER GUARD
CHFR	CHAMFER
CIPC	CAST-IN-PLACE CONCRETE
CJ	CONTROL/CONSTRUCTION JOINT
CL	CENTER LINE
CLG	CEILING
CLR	CLEAR, CLEARANCE
CMU	CONCRETE MASONRY UNIT
CO	CHANGE ORDER
COL	COLUMN
CONC	CONCRETE
CONN	CONNECT (ION)
CONSTR	CONSTRUCTION
CONT	CONTINUOUS, CONTINUE
CONTR	CONTRACT (OR)
COORD	COORDINATE
CORR	CORRUGATED
CPT	CARPET
CT	CERAMIC TILE
CTR	CENTER
DBL	DOUBLE
DEMO	DEMOLITION, DEMOLISH
DET	DETAIL
DIA	DIAMETER
DIAG	DIAGONAL
DIM	DIMENSION
DIV	DIVIDE, DIVISION
DR	DRAIN
DT	DRAIN TILE
DW	DISHWASHER
DWG	DRAWING (S)
DWTR	DUMBWAITER
E	EAST
EA	EACH
EF	EACH FACE
EJ	EXPANSION JOINT
EL	ELEVATION
ELEV	ELEVATOR
EPDM	ETHYLENE PROPYLENE DIENE MONOMER
EPS	EXPANDED POLYSTYRENE BOARD
EQ	EQUAL
EQUIP	EQUIPMENT
EST	ESTIMATE
EW	EACH WAY
EXIST	EXISTING
EXP	EXPANSION/EXPOSED
EXT	EXTERIOR
EWC	ELECTRIC WATER COOLER
FA	FIRE ALARM
FD	FLOOR DRAIN
FDTN	FOUNDATION
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FFE	FINISH FLOOR ELEVATION
FIN	FINISH (ED)
FLR	FLOOR (ING)
FO	FACE OF
FOC	FACE OF CONCRETE
FOM	FACE OF MASONRY
FOS	FACE OF STUD
FOW	FACE OF WALL
FR	FIRE RESISTANT/FRAME
FT	FOOT, FEET/FIRE TREATED
FTG	FOOTING
FUT	FUTURE
FW	FIRE WALL
GA	GAGE, GAUGE
GB	GRAB BAR
GC	GENERAL CONTRACTOR
GALV	GALVANIZED
GC	GENERAL CONTRACTOR
GLU LAM	GLUE LAMINATED (BEAM)
GRTG	GRATING
GYP	GYPSUM
HC	HANDICAP / HOLLOW CORE
HD	HEAVY DUTY
HDBD	HARDBOARD
HDR	HEADER
HM	HOLLOW METAL
HORIZ	HORIZONTAL
HT	HEIGHT
ID	INSIDE DIAMETER/DIMENSON
INCL	INCLUDE (D), INCLUDING
INSUL	INSULATE (D), INSULATION
INT	INTERIOR
JAN	JANITOR
JST	JOIST
JT	JOINT
KCJ	KEYED CONSTRUCTION JOINT
KO	KNOCK OUT
L	LENGTH / ANGLE
LAM	LAMINATE (ED)
LAV	LAVATORY
LB	POUND
LF	LINEAR FEET
LKR	LOCKER
LOC	LOCATION
LONG	LONGITUDINAL
LT	LIGHT
LVR	LOUVER
MATL	MATERIAL
MAX	MAXIMUM
MECH	MECHANICAL
MEZZ	MEZZANINE
MFR	MANUFACTURE (R)
MIN	MINIMUM
MISC	MISCELLANEOUS
MO	MASONRY OPENING
MTL	METAL
N	NORTH
NA	NOT APPLICABLE
NIC	NOT IN CONTRACT
NO	NUMBER
NOM	NOMINAL
NS	NEAR SIDE
NTS	NOT TO SCALE
OC	ON CENTER
OD	OUTSIDE DIAMETER
OFCI	OWNER FURNISHED / CONTRACTOR INSTALLED
OFOI	OWNER FURNISHED / OWNER INSTALLED
OH	OVERHEAD
OPP	OPPOSITE
PAR	PARALLEL
PED	PEDESTAL
PERF	PERFORATED
PERP	PERPENDICULAR
PL	PLATE
PLYWD	PLYWOOD
PNL	PANEL
PR	PAIR/PROPOSAL REQUEST
PRCST	PRECAST CONCRETE
PREFAB	PREFABRICATE
PSI	POUNDS PER SQUARE INCH
PSF	POUNDS PER SQUARE FOOT
PT	PAINT / PRESSURE TREATED
PTD	PAPER TOWEL DISPENSER
PTN	PARTITION
PVC	POLYVINYL CHLORIDE
R	RADIUS
RB	RUBBER BASE
RBR	RUBBER
RCP	REFLECTED CEILING PLAN
REF	REFERENCE/REFRIGERATOR
REINF	REINFORCE (D), (ING)
REQ	REQUIRE
REQD	REQUIRED
REV	REVISION (S), REVISED
RFI	REQUEST FOR INFORMATION
RFP	REQUEST FOR PROPOSAL
RH	RIGHT HAND
RM	ROOM
RO	ROUGH OPENING
RVS	REVERSE (SIDE)
S	SOUTH
SB	SPLASH BLOCK
SCHED	SCHEDULE
SCR	SHOWER CURTAIN ROD
SCT	SECTION
SD	SOAP DISPENSER
SF	SQUARE FOOT
SHT	SHEET
SHTHG	SHEATHING
SIM	SIMILAR
SLDG	SLIDING
SLNT	SEALANT
SND	SANITARY NAPKIN DISPENSER
SNDU	SANITARY NAPKIN DISPOSAL UNIT
SPEC	SPECIFICATION (S)
SQ	SQUARE
SST	STAINLESS STEEL
STD	STANDARD
STL	STEEL
STRUCT	STRUCTURAL
SUSP	SUSPENDED
SW	SHEARWALL
T	TREAD
T&B	TOP AND BOTTOM
T&G	TONGUE AND GROOVE
TB	TOWEL BAR
TBD	TO BE DETERMINED
TEMP	TEMPORARY
TER	TERRAZZO
THD	THREAD (ED) (S)
THK	THICKNESS
THRU	THROUGH
TL	TOTAL LOAD
TO	TOP OF
TO FDTN	TOP OF FOUNDATION
TOB	TOP OF BEAM
TOC	TOP OF CONCRETE/CURB
TOF	TOP OF FOOTING
TOP	TOP OF PIER
TOS	TOP OF SLAB/STEEL
TOW	TOP OF WALL
TPD	TOILET PAPER DISPENSER
TRANS	TRANSVERSE
TS	TUBE STEEL
TYP	TYPICAL
UH	UNIT HEATER
UNO	UNLESS NOTED OTHERWISE
UTIL	UTILITY
V	SHEAR
VAR	VARIES
VCT	VINYL COMPOSITION TILE
VERT	VERTICAL
VIF	VARIFY IN FIELD
VR	VAPOR RETARDER
VWC	VINYL WALL COVERING
W	WEST/WIDTH
W/	WITH
W/O	WITHOUT
WA	WEDGE ANCHOR
WB	WOOD BASE
WD	WOOD
WDW	WINDOW
WF (W)	WIDE FLANGE
WG	WALL GUARD
WL	WIND LOAD
WT	WEIGHT
WWF	WELDED WIRE FABRIC

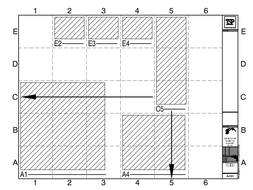
MATERIAL LEGEND

EXISTING WALLS
NATIVE UNDISTURBED SOIL
BACKFILL/FILL
ENGINEERED FILL
DRAINAGE COURSE
ROCK"SUGAR ROCK"
SCARIFY & RECOMPACT
CONCRETE
CHAIN LINK
BRICK
CONCRETE MASONRY UNIT
METAL/STEEL
RIGID INSULATION/EIFS
GROUT
WOOD WALL/FINISH
MORTAR
PLYWOOD/OSB/PARTICLE BOARD
WOOD- GLUED/LAMINATED
WOOD- BLOCKING OR SHIM
WOOD- CONTINUOUS FRAMING
INSULATION/FIRE SAFING

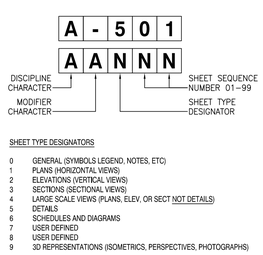
SYMBOLS LEGEND



COORDINATE SYSTEM



SHEET IDENTIFICATION



SHEET TYPE DESIGNATORS

0	GENERAL (SYMBOLS LEGEND, NOTES, ETC)
1	PLANS (HORIZONTAL VIEWS)
2	ELEVATIONS (VERTICAL VIEWS)
3	SECTIONS (SECTIONAL VIEWS)
4	LARGE SCALE VIEWS (PLANS, ELEV, OR SECT NOT DETAILS)
5	DETAILS
6	SCHEDULES AND DIAGRAMS
7	USER DEFINED
8	USER DEFINED
9	3D REPRESENTATIONS (ISOMETRICS, PERSPECTIVES, PHOTOGRAPHS)

INDEX TO DRAWINGS

G-001 COVER SHEET

ELECTRICAL

EY101 BUILDING 802 - FIRST FLOOR POWER & SIGNAL PLAN

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Architecture
Engineering
Construction

LISTED DRAWINGS SCALE(S) UNLESS REDUCED FROM ORIGINAL 30 x 42 FORMAT

CONSULTANTS

REGISTERED PROFESSIONAL ENGINEER
REG. NO.
6729
DARRELL L. BREN
DATE: 10/12/2012

PROJECT TITLE

SDARNG
BARRACKS/CLASSROOM
BUILDING 802
AUDIO/VISUAL DESIGN
CAMP RAPID
FMO #FRC460132F
RAPID CITY, SD

ISSUES

MARK	DATE	DESCRIPTION
CD	10/12/12	CONSTRUCTION DOCUMENTS
DD	07/06/12	DESIGN DEV DRAWINGS
SD	06/22/12	SCHEMATIC DRAWINGS

REVISIONS

MARK	DATE	DESCRIPTION

PROJECT #	04121087
DRAWN BY	JNK
CHECK BY	DLB

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SHEET TITLE

COVER SHEET

SHEET NUMBER

G-001

CONSTRUCTION DOCUMENTS

Drawing Name: G:\2012\04121087 SDARNG Bld 802 Audio Visual\D-Drawings\Electrical\+G-001.dwg
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