

AIR CONDITION
UNIT
AIR UNIT CONDITIONING UNIT
AC ARCHITECT/ENGINEER
AAMA AMERICAN ARCHITECTURAL MANUFACTURERS ASSOCIATION
AB ANCHOR BOLT
ABI AGGREGATE BASE COURSE
ACB ASBESTOS CEMENT OR ASPHALTIC CONCRETE
ACI AMERICAN CONCRETE INSTITUTE
ACS DR ACCESS DOOR
ACS FLR ACCESS FLOOR
ACS PAL ACCESS PANEL
ACST ACOUSTIC
ACT ACOUSTICAL SEALING TILE
AD AREA DRAIN
ADA AMERICANS WITH DISABILITIES ACT
ADC AUTOMATIC DOOR CLOSER
ADD ADDITIONAL
ADDM ADDITION
ADH ADHESIVE
ADI ADJUNCT, ADJOINING, OR ADJUSTABLE
ADMIN ADMINISTRATION
ADB AUTOMATIC DOOR BOTTOM
ADC AUTOMATIC DOOR COUNTER
AFF ABOVE FINISHED FLOOR
AFS ABOVE FINISHED GRADE
AFS ABOVE FINISHED SLAB
AGA AMERICAN GAS ASSOCIATION
AGC ASSOCIATED GENERAL CONTRACTORS
AGGR AGGREGATE
AHJ AUTHORITY HAVING JURISDICTION
AHR AIR HANDLING UNIT
AHU AIR HANDLING UNIT
AIA AMERICAN INSTITUTE OF ARCHITECTS
AISC AMERICAN INSTITUTE OF STEEL CONSTRUCTION
ALT ALTERNATE
ALTN ALTERNATE NUMBER
ALUM ALUMINUM
AMP AMPERE
AMT AMOUNT
ANDD ANODOZE
ANRI AMERICAN NATIONAL STANDARDS INSTITUTE
ANT ANTENNA
APA AMERICAN PLYWOOD ASSOCIATION
APRO APPROXIMATE
APPROX APPROXIMATE
APT APARTMENT
AR AS REQUIRED
ARCH ARCHITECT
ASB ASBESTOS
ASI ARCHITECT SUPPLEMENTAL INSTRUCTION
ASKR ASKALOT/SPRINKLER
ASPH ASPHALT
ASTM ASSOCIATION ASTM AMERICAN SOCIETY FOR TESTING AND MATERIALS
ATT ATTACHMENT
ATM AUTOMATIC TELLER MACHINE
ATS AUTOMATIC TRANSFER SWITCH
AUTO AUTOMATIC
AUX AUXILIARY
AV AUDIO VISUAL
AVE AVENUE
AVG AVERAGE
AW ACID WASTE
AWH ARCHITECTURAL WOODWORKING INSTITUTE
AWIA AMERICAN WOOD PRESERVATION ASSOCIATION
AWS AMERICAN WELDING SOCIETY
AWT ACOUSTICAL WALL TREATMENT

B PL BASE PLATE
BAT BATTEN
BB BUILT IN BOARD
BD BOARD
BD FT BOARD FEET (FOOT)
BEV BEVEL
BHMA BUILDERS HARDWARE MANUFACTURERS ASSOCIATION
BLFD BOLLING FORDS
BTUM BUTYUM
BKG BACKING
BLD BUILD
BLDG BUILDING
BLK BLANKET
BLVD BOULEVARD
BM BEAM OR BENCHMARK
BOT BOTTOM
BR BRIDGE
BRKT BRACKET
BRZ BRONZE
BSMT BASEMENT
BTWN BETWEEN
BULB BUILT UP ROOFING

C CELLULOS CHANNEL
C CHANNEL
C CONC CAST CONCRETE
C LABEL CLASS C DOOR
C TO C CENTER TO CENTER
CMB CABINET
CAC CEILING ATTENTION CLASS ARCHITECTURAL ABBREVIATIONS
CAC CATCH BASIN OR CORNER BASIN
CBB CEILING/ROOF BACKER BOARD
CC CUBIC CENTIMETER
CCW CLOSED CIRCULAR FLOW
CCW COUNTERCLOCKWISE
CD CONSTRUCTION DOCUMENTS OR CONTRACT FOR DOCUMENTS
CEM CEMENT
CEM PLAS CEMENT PLASTER
CER CERAMIC
CFR CONTRACTOR FURNISHED
CFIO CONTRACTOR FURNISHED/CONTRACTOR INSTALLED
CFIO CONTRACTOR FURNISHED/OWNER INSTALLED
CFS COUNTER SINKING
CFM CUBIC FEET PER MINUTE
CFM COLD FORMED METAL FRAMING
CFM CUBIC FEET PER SECOND
CG CENTER OF GRAVITY OR CORNER GUARD
CGS CLERGED GLAZED STRUCTURAL PLACING UNITS
CHAL CHALKBOARD
CHEM CHEMICAL
CHFR CHAMFER
CHK CHECK
CI CAST IRON
CIP CAST-IN-PLACE
CIRC CIRCLE
CIRC CIRCULAR
CJC CONSTRUCTION JOINT OR CONTROL JOINT
CL CENTER LINE
CLDG CLADDING
CLG CEILING
CLGH CEILING HEIGHT
CLR CLEAR
cm SQUARE CENTIMETER
cm³ CUBIC CENTIMETER
CM CONSTRUCTION MANAGEMENT
CMU CONCRETE MASONRY UNIT
COR CORNER
CONTR COUNTER
COO COORDINATOR, CERTIFICATE OF OCCUPANCY, CLEANOUT, OR COORDINATOR
COL COLUMN
COM COMMON
COMB COMBINATION COMBINED
COMM COMMUNICATION
COMP COMPONENT
CPM CRITICAL PATH METHOD
CPRS COMPRESSIBLE
CPT CARPET
CONC CONCRETE
CONC FLR CONCRETE FLOOR
CONC CONSIDER OR CONDITION
CONF CONFERENCE
CONN CONNECT
CONSTR CONSTRUCTION
CONT CONTINUE
CONTR CONTRACTOR
COORD COORDINATE
CORR CORRIDOR
CRS COLD ROLLED STEEL
CRS CONCRETE REINFORCING STEEL INSTITUTE
CSB CONCRETE SPLASH BLOCK
CSG CASING
CSI CONSTRUCTION SPECIFICATIONS INSTITUTE
CSK COUNTER SUNK
CSMT CASEMENT
CSWK CASEWORK
CT CERAMIC TILE
CTB CERAMIC TILE BASE
CTF CERAMIC TILE FLOOR

CTS	COATING	GT	GROUT
CTR	CENTER/CONTOUR	GUAR	GUARANTEE
CTRL	CONTROL	GUT	GUTTER
CTV	CABLE TELEVISION	GYP	GYPSUM
CU	COPPER/C	GYP BD	GYPSUM BOARD
CU	FT CUBIC FEET	GYP	PLUS GYPSUM PLASTER
CU	IN CUBIC INCH	H	HIGH
CU	YD CUBIC YARD	H RM	HIGH PRESSURE PLASTIC LAMINATE
CURT	CURTAIN	HAZ MAT	HAZARDOUS MATERIALS
CYL	CYLINDER	HB	HUGE BIBE
CYL L	CYLINDER LOCK	HC	HOLLOW CORE
D	DEPTH OR PENNY (NAIL)	HCWD	HOLLOW CORE WOOD DOOR
D	DEATH CLASS D DOOR	HRBD	HARDBOARD
DAT	DATUM	HRDR	HARDENER
DB	DECEBEL	HDO	HIGH DENSITY OVERLAY
DBL	DOUBLE	HR	HEADER
DBL GL	GLZ DOUBLE GLAZE	HDW	HARDWARE
DC	DIRECT CURRENT	HDWD	HARDWOOD
DEC	DEGREE	HEPA	HIGH EFFICIENCY PARTICULATE AIR (FILTER)
DEL	DELETE	HEX	HEXAGON
DEMO	DEMOLITION	HF	HIGH FREQUENCY
DEPT	DEPARTMENT	HGR	HANGER
DET	DETAIL	HM	HOLLOW METAL
DF	DRINKING FOUNTAIN	HMD	HOLLOW METAL DOOR
DA	DAUGHTER	HMDF	HOLLOW METAL DOOR AND FRAME
DAG	DIAGONAL, DIAGM OR DIAGRAM DIAGONAL	HMF	HOLLOW METAL FRAME
DIF	DIFFERENCE OR DIFFUSER	HNDRL	HANDRAIL
DM	DIMENSION	HO	HOLD OPEN
DMR	DIRECTION	HRDR	HORIZONTAL
DSP	DISPENSER	HOSP	HOSPITAL
DST	DISTANCE	HP	HIGH PRESSURE OR HORSEPOWER
DV	DIVIDE OR DIVISION	HO	HOLDERS
DL	DEAD LOAD	HS	HEAT-STRENGTHENED (GLASS) OR HIGH STRENGTH
DO	DOOR	HSE	HOUSE
DOUG FIR	DOUGLAS FIR	HKSPC	HOUSEKEEPING
DOZ	DOZEN	HS	HOST
DR	DOOR, DRAIN, DRESSING ROOM, OR DRIVE	HIGHT	HEIGHT
DR CL	DOOR CLOSER	HWAC	HEATING, VENTILATING, AND AIR CONDITIONING
DR FR	DOOR FRAME	HVY	HEAVY
DR OPNG	DOOR OPENING	HW	HOT WATER
DS	DOWNSPOUT	HYD	HYDRANT
DSON	DESIGN	HYD	HYDRAULIC
DSHWASHER	DISHWASHER		
DWG	DRAWING	I	INTERSTATE (HIGHWAY) OR MOMENT OF INERTIA
DWTR	DRAIN/WATER	IAC	INDOOR AIR QUALITY
E	EAST	IBC	INTERNATIONAL BUILDING CODE
EA	EACH	ID	IDENTIFICATION, INSIDE DIAMETER, OR INTERIOR DESIGN
EFF	EFFICIENCY	ID	ID NO IDENTIFICATION NUMBER
EFS	EXTERIOR FINISH SYSTEM	ILLUM	ILLUMINATION
EFS	EXTERIOR INSULATION AND FINISH SYSTEM	INCL	INCLUDED
EPA	EXPANSION JOINT	IND	INDEPENDENT OR INDUSTRIAL
EL	ELEVATION	INFORM	INFORMATION
ELAST	ELASTIC	INSUL	INSULATION
ELEC	ELECTRIC	INT	INTERIOR
ELEC DR OP	ELECTRIC DOOR OPENER	INTERCOM	INTERCOMMUNICATION
ELV	ELEVATOR	INTL	INTERNATIONAL
EMER	EMERGENCY	JAN	JANITOR
EMER SHR	EMERGENCY SHOWER	J BOX	JUNCTION BOX
ENCL	ENCLOSURE	K	KELVIN (TEMPERATURE) OR KNOCKED DOWN
ENGR	ENGINEER	KIT	KITCHEN
ENVR	ENVIRONMENT	KO	KNOCKOUT
EPA	ENVIRONMENTAL PROTECTION AGENCY	KPC	KITCHEN
EPO	EMERGENCY POWER OFF	L	ANGLE
EPS	EXPANDED POLYSTYRENE BOARD (INSULATION)	LAB	LABORATORY
EQ	EQUAL	LADR	LABOR
EQ, SP	EQUALLY SPACED	LAM	LAMINATE
EQUIP	EQUIPMENT	LAM GL	LAMINATED GLASS
EQUIV	EQUIVALENT	LAINRY	LAUNDRY
ERD	EXISTING ROOF DRAIN	LAV	LAVATORY
ESC	ESCAPE OR ESCUTCHEON	LBR	LUMBER
ESCAL	ESCALATOR	LBS	POUND
ESMT	EASEMENT	LB RG	LOAD BEARING
ESP	ESPECIALLY	LDR	LEADER
EST	ESTIMATE	LDR	LIGHT EMITTING DIODE
ETC	AND SO FORTH OR ET CETERA	LF	LINEAR FEET (FOOT)
EW	EACH WAY	LEFT HAND	LEFT HAND
EWC	ELECTRIC WATER COOLER	LHR	LEFT HAND REVERSE
EWS	EYE WASH STATION	LIB	LIBRARY
EXH	EXHAUST	LIN	LINEAR
EXIST	EXISTING	LINO	LINOLEUM
EXP	EXPANSION OR EXPOSED	LQ	LIQUID
EXP BT	EXPANSION BRACKET	LKR	LOCKER
EXST GR	EXISTING GRADE	LKR RM	LOCKER ROOM
EXT	EXTERIOR, EXTERNAL, OR EXTINGUISHER	LKWASH	LOCKWASHER
EXT GR	EXTERIOR GRADE	LMST	LANDSCAPE
F	FAIR/NETT OR FEMALE	LNDSCP	LANDSCAPE
FA	FIRE ALARM	LR	LIVING ROOM
FAB	FABRIC	LRS	LARGE
FAC	FACTOR	LRV	LOUVERED ROOF VENT
FACIL	FACILITY	LS	LUMP SUM
FAS	FASCIA	LG	LIGHT
FAS BD	FASCIA BOARD	LT GA	LIGHT GAGE
FCD	FLOOR CLEANOUT	LT WT	LIGHTWEIGHT
FD	FLOOR DRAIN	LTG	LIGHTING
FDC	FIRE DEPARTMENT CONNECTION	LVD	LOUVERED
FDN	FOUNDATION	LVR	LOUVER
FTN	FIRE EXTINGUISHER	LWC	LIGHTWEIGHT CONCRETE
FE	FIRE EXTINGUISHER CABINET	LAYER	LAYER
FF	FINISH FACE		
FF EL	FINISH FLOOR ELEVATION	MACH RM	MACHINE ROOM
FF FAE	FURNITURE, FIXTURE, AND EQUIPMENT	MAINT	MAINTENANCE
FHC	FIRE HOSE CABINET	MAN	MANUAL
FHMS	FLAT HEAD MACHINE SCREW	MATL	MATERIAL
FHP	FULL HEIGHT PARTITION	MAXIMM	MAXIMUM
FIG	FIGURE	MB	MACHINE BOLT
FIN	FILLET	MD	DECK
FIN	FINISH	ME	MECHANICAL ENGINEER
FIN	FLR FINISH FLOOR	MEAS	MEASURE
FIN	GR FINISH GRADE	MECH	MECHANICAL
FIN WD	FINISH WOOD	MECH RM	MECHANICAL ROOM
FIXT	FIXTURE	MEL	MELAMINE
FL	FLOORLINE	MEMB	MEMBRANE
FLASH	FLASHING	MEMBR	MEMBRANE
FLDG	FOLDING	MF	MILL FINISH
FLEX	FLEXIBLE	MFD	MANUFACTURED
FLG	FLOORING	MFR	MANUFACTURER
FLR	FLOOR	MFR	REC MANUFACTURERS RECOMMENDATION
FLR FIN	FLOOR FINISH	MGT	MANAGEMENT
FLR FIN	FLOOR FINISH	MANHOLE	MANHOLE
FLR SK	FLOOR SINK	MIC	MICROPHONE
FLR SCK	FLOOR SINK	MOD	MODULE
FO	FINISHED OPENING	MIN	MINUTE OR MINIMUM
FOC	FACE OF CONCRETE OR FACE OF CURB	MIRR	MIRROR
FOF	FACE OF FINISH	MISCLANEOUS	MISCELLANEOUS
FOM	FACE OF MASONRY	MIT	MITER
FOF	FACE OF SLAB OR FACE OF STUD	MKR	MARKER
FOUNT	FOUNTAIN	MLN	MOLDING (MOLDING)
FOW	FACE OF WALL	MLWK	MILLWORK
FP	FIRE PROTECTION OR FIREPROOF	mm	MILLIMETER
PPM	FEET PER MINUTE	MASON	MASONRY OPENING OR MOTOR OPERATED
FPS	FEET PER SECOND	MOD	MODIFY OR MODULE
FR	FIRE RATING, FIRE RESISTANT, OR FRAME	MOP	MONITOR
FR	SK FINISHING RIM SINK	MOP BCK	MOP BACK
FRMG	FRAMING	MOISTURE RESISTANT	MOISTURE RESISTANT
FRZ	FREEZER	MS	MACHINE SCREW OR MOP SINK
FS	FEDERAL SPECIFICATION	MTD	MOUNTED
FTNTR	FASTENER	MTG	MOUNTING
FT	FEET OR FOOT	MTL	METAL
FTG	FOOTING	MULL	MULLION
FURG	FURRING	MW	MICROWAVE
FURN	FURNISH OR FURNITURE	MWP	MEMBRANE WATERPROOFING
FUT	FUTURE		
FWC	FABRIC WALLCOVERING	N	NORTH
GA	GAGE OR GYPSUM ASSOCIATION	NA	NOT APPLICABLE
GAL	GALLON	NAAMM	NATIONAL ASSOCIATION OF ARCHITECTURAL METAL MANUFACTURERS
GALV	GALVANIC OR GALVANIZED	NAT	NATURAL
GALVZ STL	GALVANIZED STEEL	NATL	NATIONAL
GB	GRAB BAR	NC	NOISE CRITERIA
GC	GENERAL CONTRACTOR	NCOMBL	NONCOMBUSTIBLE
GD	GUARD	NEC	NATIONAL ELECTRICAL CODE
GDR	GUARD RAIL	NEG	NEGATIVE
GEN	GENERAL OR GENERATOR	NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
GI	GALVANIZED IRON	NEUT	NEUTRAL
GL	GLASS	NFC	NATIONAL FIRE CODE
GL BK	GLASS BLOCK	NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
GLU LAM	GLUED LAMINATED WOOD	NO	NOT IN CONTACT
GR FL	GROUND FLOOR	NO	NUMBER
GRAN	GRANITE	NOM	NOMINAL
GRGT	GRATING	NR	NOISE REDUCTION
GSS	GYPSUM SHEATHING BOARD	NRC	NOISE REDUCTION COEFFICIENT
GULV	GALVANIZED SHEET METAL	NRCA	NATIONAL ROOFING CONTRACTORS ASSOCIATION
GSB	GALVANIZED STEEL	NREMOVABLE	NONREMOVABLE

MS	NARROW STILE	SD	SHOP DRAWINGS, SMOKE DETECTOR, OR SOAP DISPENSER
NUM	NUMERAL	SDG	SIDING
NO	OUT TO OUT	SECT	SECTION
O	OXYGEN	SEG	SEGMENT
OA	OUTSIDE AIR OR OVERALL	SEL	SELECT
OC	ON CENTER	SEP	SEPARATE
OCC	OCCUPY	SF	SQUARE FOOT (FEET)
OCT	OCTAGON	SFTWD	SOFTWOOD
OD	OUTSIDE DIMENSION OUTSIDE DIMENSION	SGD	SLIDING GLASS DOOR
OD	OUTSIDE DIMENSION OUTSIDE DIMENSION	SH	SHING
OFD	OWNER FURNISHED CONTRACTOR INSTALLED	SHR	SHOWER
OFD	OVER FLOW DRAIN	SHRD	SHOWER DRAIN
OFF	OFFICE	SHT	SHEET
OFOR	OWNER FURNISHED DOWNER INSTALLED	SHT MTL	FLASHING
OH	OVERHANG	SHTHG	SHEATHING
OH DR	OVERHEAD COILING DOOR	SHV	SHELVING
OPH	OPPOSITE HAND	SHW	SHIM
OPNG	OPENING	SJ	SCORED JOINT
OPP	OPPOSITE	SJI	STEEL JOIST INSTITUTE
OPR	OPERABLE	SK	SKEET
OPT	OPTIONAL	SKLT	SKYLIGHT
OR	OPERATING ROOM OR OUTSIDE RADUIS	SLD MW	HORIZONTAL SLIDING WINDOW
ORG	ORGANANCE OR OVERFLOW ROOF DRAIN	SLDG	SLIDING
ORG	ORGANIC	SUNT	SEALANT
ORIG	ORIGINAL	SM	SHEET METAL
ORNR	ORNAMENTAL	SNK	SNACK
OSHA	OUTLET SAFETY AND HEALTH ADMINISTRATION	SND	SANITARY NAPKIN DISPENSER
OZ	OUNCE	SND INS	SOUND INSULATION
		SNDI	SANITARY NAPKIN DISPOSAL UNIT
		SPEC	SPECIFICATION
		SPKLR	SPEAKER
		SPKR	SPEAKER
		SPLY	SPLY
		SQ	SQUARE
		SO IN	SQUARE INCH
		SO YD	SQUARE YARD
		SQ	SANITARY SINKER OR SERVICE SINK
		SST	STAINLESS STEEL
		ST	STAIRS OR STREET
		STC	SOUND TRANSMISSION CLASS
		STD	STANDARD
		STIF	STIFFENER
		STL JST	STEEL JOIST
		STL LNTL	STEEL LINTEL
		STL PL	STEEL PLATE
		STL RFL DK	STEEL ROOF DECK
		STL TB	STEEL TUBE
		STL TR	STEEL TRUSS
		STNLS	STAINLESS
		STR	STORAGE
		STR	STORAGES
		STRCTL	STRUCTURAL
		STRCTL STL	STRUCTURAL STEEL
		SUB	SUBSTITUTE
		SURF	SURFACE
		SUSP	SUSPEND
		SUSP CG	SUSPENDED CEILING
		SV	SHEET VINYL
		SW	SWITCH
		SWDR	SWIMMER
		SYM	SYMBOL
		SYNTH	SYNTHETIC
		SYS	SYSTEM
		T	TREAD
		TB	THROUGH BOLT OR TOWEL BAR
		TCA	TIME COUNCIL OF AMERICA
		TCF	TELEPHONE CONTROL PANEL, TEMPERATURE CONTROL PANEL
		TD	TOWEL DISPENSER
		TECH	TECHNICAL
		TEL	TELEPHONE
		TEMP	TEMPERATURE OR TEMPORARY
		THD	THREAD
		THRM	THERMAL
		THK	THICKNESS
		THRS	THRESHOLD
		THRU	THROUGH
		THRUOUT	THROUGHOUT
		TK BD	TACK BOARD
		TMPO	TEMPERED
		TMPO GL	TEMPERED GLASS
		TO	TOP OF
		TO FDN	TOP OF FOUNDATION
		TOB	TOP OF BRICK
		TOM	TOP OF MASONRY
		TOP	TOP OF PARAPET
		TOS	TOP OF STONE
		TOW	TOP OF WALL
		TPD	TOILET PAPER DISPENSER
		TPH	TOILET PAPER HOLDER
		TR	TOWEL RACK
		TRANS	TRANSOM
		TRANS WD FIN	TRANSPARENT WOOD FINISH
		TREAT	TREATED
		TS	TENSILE STRENGTH OR TUBE TEST
		TSSTAT	THERMOSTAT
		TV	TELEVISION
		TVF	TYPICAL
R	RADIUS OR RISER	U	HEAT TRANSFER COEFFICIENT
RA	RETURN AIR	UC	UNDERCUT
RAD	RADIATOR	UCD	UNDERCUT DOOR
RB	RESILIENT BASE OR RUBBER BASE	UCD	UNDERGROUND
RBK	ROBE HOOK	UL	UNDERFUTES LABORATORIES
RBM	REINFORCED BRICK MASONRY	ULT	ULTIMATE
RBR	RUBBER	UNF	UNFINISH
RC	REMOTE CONTROL	UN	UNLESS OTHERWISE NOTED
RCF	REFLECTED CEILING PLAN	UPS	UNINTERRUPTIBLE POWER SUPPLY
RCVR	RECEIVER	UR	UNRINAL
RD	ROUND ROOF DRAIN	UTIL	UTILITY
REC	RECESSED	UV	ULTRAVIOLET
REC'D	RECEIVED	V	VOLT
RECPT	RECEIPT	VAC	VACUUM
RECT	RECTANGLE	VAR	VARIATION
REF	REFERENCE OR REFRIGERATOR	VCT	VINYL COMPOSITION TILE VITRIFIED CLAY TILE
REFR	REFRIGERATOR REFRIGERATION	VEH	VEHICLE
REFR	REFRIGERATION REFRACTORY	VENT	VENTILATION
REG	REGISTER	VERT	VERTICAL
REP	REPAIR	VEST	VESTIBULE
REFL	REFLECT	VFRAT	VINYL FACED ACOUSTICAL TILE
REQ	REQUIRED	VIC	VICINITY
RESCL	RESILIENT	VID	VIDEO
RET	RETURN	VIF	VIBRATION FIELD
REV	REVISION	VNR	VENER
RF	RADIO FREQUENCY	VOC	VOLATILE ORGANIC COMPOUND
RFG	ROOFING	VOL	VOLUME
RFI	REQUEST FOR INFORMATION	VOLT	VOLTAGE
RH	RIGHT HAND	VP	VENER PLASTER
RHMS	ROUND HEAD MACHINE SCREW	VR	VAPOR BARRIER
RHWS	ROUND HEAD WOOD SCREW	VTR	VENT THROUGH ROOF
RL	ROOF LEADER	VWC	VINYL WALL COVERING
RWG	RAILING	W	WALL OR WEST
RM	ROOM	W	WITH
RO	ROUND	WO	WITHOUT
ROH	ROUGH OPENING	WARR	WARRANT

Legend for Architectural Drawing Symbols:

Left Column:

- CENTER LINE**: Symbol for a center line.
- ELEVATION INDICATOR**: Symbol for an elevation indicator, exterior.
- LEVEL DESCRIPTION**: Symbol for a level description.
- LEVEL ELEVATION**: Symbol for a level elevation.
- FURNITURE, FIXTURE & EQUIPMENT INDICATOR**: Symbol for furniture, fixture & equipment indicator.
- ROOM INDICATOR**: Symbol for a room indicator.
- ROOM NAME**: Symbol for a room name.
- ROOM NUMBER**: Symbol for a room number.
- VA DEPT CODE**: Symbol for a VA department code.
- NET AREA SF**: Symbol for net area in square feet.
- COLUMN GRID**: Symbol for a column grid.
- KEYNOTE INDICATOR**: Symbol for a keynote indicator.
- WALL OR PARTITION TYPE**: Symbol for a wall or partition type.
- WINDOW TYPE**: Symbol for a window type.

Right Column:


- NORTH ARROW (PROJECT NORTH DISPLAYED ON DRAWINGS U.O.N.)**: Symbol for a north arrow.
- BREAK, ROUND (USER DEFINES SIZE)**: Symbol for a break, round.
- BREAK, STRAIGHT (SEE SECTION INDICATORS, BUILDING WITH BREAK STANDARDS)**: Symbol for a break, straight.
- DOOR OPENING/BORROWED LIGHT IDENTIFIER**: Symbol for a door opening/borrowed light identifier.
- REQUIRED CLEAR SPACE AT DOOR LANDING**: Symbol for required clear space at door landing.
- DOOR DESIGNATION**: Symbol for door designation.
- REQUIRED STRIKE EDGE CLEARANCE AT DOOR**: Symbol for required strike edge clearance at door.
- VIEW TITLE**: Symbol for a view title.
- DRAWING IDENTIFICATION (IF REQUIRED)**: Symbol for drawing identification.
- DRAWING TITLE**: Symbol for drawing title.
- BUILDING SECTION INDICATOR**: Symbol for a building section indicator.
- DETAIL INDICATOR**: Symbol for a detail indicator.

BUILDING CODE ANALYSIS		DEDUCTIVE ALTERNATES RATIVE AND SUMMARY	
USE AND OCCUPANCY CLASSIFICATION GROUP B – OUTPATIENT CLINICS & OFFICES GENERAL BUILDING HEIGHTS AND AREAS TYPE OF CONSTRUCTION: TYPE V-B ALLOWABLE HEIGHT: 40 FEET ALLOWABLE STORES ABOVE GRADE: 2 ALLOWABLE AREA PER FLOOR: 9000 ACTUAL: 32 FEET 2 INCHES ABOVE GRADE ACTUAL: 2 STORES ACTUAL: FIRST FLOOR 7,181 ACTUAL: SECOND FLOOR 5,363 TOTAL: 12,544 SQUARE FEET		THE FOLLOWING ITEMS ARE THE DEDUCTIVE ALTERNATES FOR THIS PROJECT. A LIST OF DEDUCTIVE ALTERNATES IS REQUIRED BY THE VA TO BE UTILIZED IN THE EVENT THAT THE ACTUAL PROJECT CONSTRUCTION COST EXCEEDS THE PROJECT CONSTRUCTION BUDGET. THE NUMBERS GIVEN TO EACH ITEM BELOW ARE REFERENCED THROUGHOUT THE CONSTRUCTION DOCUMENTS. THE DISCIPLINES AFFECTED BY EACH ITEM ARE LISTED BELOW THE ITEM'S DESCRIPTION: #1 DELETE CASEWORK IN ROOMS 106, 111, 117, 202, 209, 213 DISCIPLINES AFFECTED: ARCHITECTURAL #2 DELETE INTERIOR SLIDING (BREAK AWAY) DOORS 100A, 200 DISCIPLINES AFFECTED: ARCHITECTURAL, ELECTRICAL #3 DELETE FEATURE WALL GYP BD / REVEALS IN ROOM 102 DISCIPLINES AFFECTED: ARCHITECTURAL, ELECTRICAL #4 DELETE VERTICAL LIFT OPERABLE ACOUSTICAL PARTITION IN ROOM 106 DISCIPLINES AFFECTED: ARCHITECTURAL, ELECTRICAL #5 DELETE HORIZONTAL WINDOW BLINDS IN ROOMS 104, 106, 108, 110, 112, 114, 116, 118, 122, 124, 126, 128, 130, 132, 134, 136, 202, 204, 206, 208, 210, 212, 214, 216, 220, 222, 224, 226, 228, 230, 232, 234 DELETE CUBICLE CURTAIN TRACK IN ROOM 111 DISCIPLINES AFFECTED: ARCHITECTURAL #6 NOT USED #7 INSTALL TPO ROOFING IN LIEU OF PEDESTAL PAVERS AT SECOND FLOOR ROOF DECKS #1 & #2 DISCIPLINES AFFECTED: ARCHITECTURAL, STRUCTURAL, PLUMBING #8 DELETE GLASS & ALUMINUM SKYLIGHT AT ROOF OVERHANG DISCIPLINES AFFECTED: ARCHITECTURAL #9 DELETE NORTH BLAST WALL & INSTALL INSULATED GLASS WITHOUT PROTECTIVE FILM IN LIEU OF BLAST GLAZING DISCIPLINES AFFECTED: ARCHITECTURAL, CIVIL, STRUCTURAL BLAST #10 REMOVE SOUND BOOTHS & DEMOLISH MEP COMPONENTS DURING DEMOLITION OF BUILDING R4 DISCIPLINES AFFECTED: ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING #11 DELETE NEW TREES, SHRUBS, VINES AND IRRIGATION DISCIPLINES AFFECTED: LANDSCAPE #12 DELETE NEW PARKING LOT SCOPE DISCIPLINES AFFECTED: ARCHITECTURAL, CIVIL, ELECTRICAL, LANDSCAPE #13 NOT USED #13A BUILD OUT SECOND FLOOR BETWEEN GRIDLINES 4 & 6, REMAINDER OF FLOOR TO BE OPEN SPACE DISCIPLINES AFFECTED: ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING, TELEDATA SECURITY #14 NOT USED #15 REMOVE WAITING ATRIUM RM 102, INCLUDING CURTAIN WALLS, ROOF OVERHANG/SKYLIGHT AND RELATED STRUCTURE STEEL FRAMING, ADD CANOPY OVER MAIN ENTRANCE AND ADD PLANTING AREA AT FORMER ATRIUM SPACE DISCIPLINES AFFECTED: ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING, TELEDATA, SECURITY	
REQUIRED SEPARATION OF OCCUPANCES: NOT APPLICABLE TYPES OF CONSTRUCTION FIRE RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS (HOURS) TYPE OF CONSTRUCTION: TYPE V-B PRIMARY STRUCTURAL FRAME – RATING 0 (NON RATED) BEARING WALLS EXTERIOR – RATING 0 (NON RATED) BEARING WALLS INTERIOR – RATING 0 (NON RATED) NONBEARING WALLS AND PARTITIONS INTERIOR – RATING 0 (NON RATED) FLOOR CONSTRUCTION AND ASSOCIATED SECONDARY MEMBERS – RATING 0 (NON RATED) ROOF CONSTRUCTION AND ASSOCIATED SECONDARY MEMBERS – RATING 0 (NON RATED) FIRE RESISTANCE RATING REQUIREMENTS FOR EXTERIOR WALLS BASED ON FIRE SEPARATION DISTANCE GROUP B – NOT APPLICABLE FIRE AND SMOKE PROTECTION FEATURES SHAFT ENCLOSURE 1 HOUR		CHAPTER 3 SECTION 302 & 304 CHAPTER 5 SECTIONS 503, 504, 508.4, TABLE 503 CHAPTER 6 SECTION 602, TABLE 601 CHAPTER 7 SECTION 713.4 CHAPTER 8 SECTION 803.1.1 TABLE 803.9 CHAPTER 9 SECTION 903 SECTION 903.2.2 SECTION 906 SECTION 906.1 TABLE 906.3(1) SECTION 907 SECTION 907.2 CHAPTER 10 SECTION 1004, TABLE 1004.1.2 SECTION 1005 SECTION 1005.3.1 SECTION 1005.3.2 SECTION 1007 SECTION 1007.3 EXCEPTION 2 W/ AUTOMATIC SPRINKLER SYSTEM SECTION 1014 TABLE 1014.3 SECTION 1015 SECTION 1015.2.1 EXCEPTION 2 W/ AUTOMATIC SPRINKLER SYSTEM SECTION 1016 TABLE 1016.2 SECTION 1021 SECTION 1021.2 TABLE 1021.2(2) TABLE 1021.2(2)	
INTERIOR FINISHES INTERIOR WALL AND CEILING FINISHES GROUP B: SPRINKLERED INTERIOR EXIT STAIRWAYS, INTERIOR EXIT RAMPS AND EXIT PASSAGEWAY CLASS B CORRIDOR AND ENCLOSURE FOR EXIT ACCESS STAIRWAYS AND EXIT ACCESS RAMPS CLASS B ROOMS AND ENCLOSED SPACES CLASS C FIRE PROTECTION SYSTEMS AUTOMATIC SPRINKLER SYSTEMS GROUP B REQUIRED PORTABLE FIRE EXTINGUISHERS GROUP B REQUIRED MAXIMUM TRAVEL DISTANCE TO EXTINGUISHER 75 FEET FIRE ALARM AND DETECTION SYSTEM GROUP B REQUIRED MEANS OF EGRESS OCCUPANT LOAD LEVEL 1 94 LEVEL 2 42 TOTAL 156 MEANS OF EGRESS SIZING 0.3 STAIRWAYS WIDTH 0.2 OTHER EGRESS COMPONENTS ACCESSIBLE MEANS OF EGRESS AREA OF REFUGE NOT REQUIRED EXIT ACCESS COMMON PATH OF EGRESS TRAVEL 100 FEET WITH AUTOMATIC SPRINKLER SYSTEM EXIT AND EXIT ACCESS DOORWAYS DISTANCE BETWEEN EXIT 13 DIAGONAL DISTANCE EXIT ACCESS TRAVEL DISTANCE TRAVEL DISTANCE 300 FEET WITH AUTOMATIC SPRINKLER SYSTEM NUMBER OF EXITS AND EXIT CONFIGURATION EXIT FROM STORES FIRST STORY 8 OCCUPANT MAX 49 OCCUPANTS AT 75 FT MAX TO EXIT – 1 EXIT SECOND STORY 8 OCCUPANT MAX 29 OCCUPANTS AT 75 FT MAX TO EXIT – 1 EXIT FOR GROUP B OCCUPANT WITH FULLY AUTOMATIC SPRINKLER SYSTEM, MAX TRAVEL DISTANCE TO EXIT IS 100 FT. OCCUPANT LOAD LEVEL 1 90 LEVEL 2 42 2 EXITS REQUIRED 2 EXITS REQUIRED		BASE BID CONDITIONS #1 BUILD CASEWORK IN ROOMS 106, 111, 117, 202, 209, 213 #2 INSTALL INTERIOR SLIDING (BREAK AWAY) DOORS 100A, 200 #3 BUILD FEATURE WALL GYP BD / REVEALS IN ROOM 102 #4 INSTALL VERTICAL LIFT OPERABLE ACOUSTICAL PARTITION IN ROOM 106 #5 INSTALL HORIZONTAL WINDOW BLINDS IN ROOMS 104, 106, 108, 110, 112, 114, 116, 118, 122, 124, 126, 128, 130, 132, 134, 136, 202, 204, 206, 208, 210, 212, 214, 216, 220, 222, 224, 226, 228, 230, 232, 234 INSTALL CUBICLE CURTAIN TRACK IN ROOM 111 #6 NOT USED #7 INSTALL PEDESTAL PAVERS AT SECOND FLOOR ROOF DECKS #1 & #2 #8 BUILD GLASS & ALUMINUM CANOPY AT ROOF OVERHANG #9 BUILD NORTH BLAST WALL & INSTALL BLAST GLAZING #10 SALVAGE SOUND BOOTHS & MEP COMPONENTS FROM DEMOLITION OF BUILDING R4 #11 COMPLETE LANDSCAPING - TREES, SHRUBS, VINES AND IRRIGATION PER LANDSCAPE DRAWINGS #12 BUILD NEW 25 SPACE PARKING LOT #13 NOT USED #13A COMPLETE INTERIOR BUILD OUT ON SECOND FLOOR #14 NOT USED #15 BUILD WAITING ATRIUM RM 102, CURTAIN WALLS, ROOF OVERHANG AND SKYLIGHT	

100% CONSTRUCTION DOCUMENT SUBMISSION
APRIL 20, 2015

[illegible]

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Drawing Title CODE ANALYSIS, DEDUCTIVE ALTERNATES SUMMARY, ABBREVIATIONS & SYMBOLS	Project Title NEUROCOG TBI RESEARCH BUILDING / BUILDING R4 DEMOLITION / NEW PARKING LOT			Project Number 612-125	<div> <div>Office of Construction and Facilities Management</div> <div>  Department of Veterans Affairs </div> </div>
	Location 150 MUIR ROAD, MARTINEZ, CA 94553			Drawing Number <div>GI002</div>	
Approved: Project Director	Date 04/20/2015	Checked DW	Drawn CS		