

# GENERAL ABBREVIATIONS

Ø	DIAMETER	EA	EACH	K	KIP	REF	REFERENCE
&	AND	EB	EXPANSION BOLT	KIT	KITCHEN	REFR	REFRIGERATION
#	NUMBER, POUND	EF	EACH FACE	KO	KNICK CUT	REG	REGISTER
±	APPROXIMATELY	EIFS	EXTERIOR INSULATION & FINISH SYSTEM	KPL	KICK PLATE	REIN	REINFORCE(D)(ING)(MENT)
(E)	EXISTING	EJ	EXPANSION JOINT	L	LONG	REQD	REQUIRED
AB	ANCHOR BOLT	EL	ELEVATION (GRADE, FLOOR)	LAB	LABORATORY	RES	RESILIENT
ABR	ABRASIVE	ELEV	ELEVATION (BLDG), ELEVATOR	LAM	LAMINATE(D)(ION)	RET	RETAINING, RETURN
ABV	ABOVE	EMBRMT	EMBEDMENT	LAT TIE	LATERAL TIEBACK FOR APC PANEL	REV	REVISION
AC	AIR CONDITIONING	EMER	EMERGENCY	LAV	LAVATORY	RFG	ROOFING
ACC	ACCESS(IBLE)	ENCL	ENCLOSURE	LB	POUND	RJ	RUSTICATION JOINT
ACIP	ARCHITECTURAL CAST IN PLACE CONCRETE	ENGR	ENGINEER(ING)	LIN	LINEAR	RLG	RAILING
ACOUS	ACOUSTICAL	ENTR	ENTRANCE	LKR	LOCKER	RM	ROOM
ACT	ACTOUSTICAL	EOS	EDGE OF SLAB	LL	LIVE LOAD, LEAD LINED	RO	ROUGH OPENING
AD	AREA DRAIN	EP	ELECTRICAL PANELBOARD	LLH	LONG LEG HORIZONTAL	RS	RESILIENT SHEET
ADH	ADHESIVE	EQ	EQUAL	LLV	LONG LEG VERTICAL	RT	RESILIENT TILE
ADJ	ADJACENT, ADJUSTABLE	EQUIP	EQUIPMENT	LP	LIGHT PROOF, LOW PRESSURE, LOW POINT	RWC	RAIN WATER CONDUCTOR
AFF	ABOVE FINISHED FLOOR	EW	EACH WAY	LTG	LIGHTING	SAFB	SOUND ATTENUATION FIRE BLANKET
AGGR	AGGREGATE	EWC	ELECTRIC WATER COOLER	LVR	LOUVER	SAN	SANITARY
AIB	AIR INFILTRATION BARRIER	EWS	EYE WASH STATION	M	METER	SB	SPLASH BLOCK
AL	ALUMINUM	EXH	EXHAUST	M	MEN'S	SCHED	SCHEDULE(D)
ALT	ALTERNATE	EXIST	EXISTING	MACH	MACHINE	SECT	SECTION
AP	ACCESS PANEL	EXP	EXPANSION	MAS	MASONRY	SECY	SECRETARY
APC	ARCHITECTURAL PRECAST CONCRETE	EXT	EXTERIOR	MATL	MATERIAL	SF	SQUARE FEET, STOREFRONT
APPROX	APPROXIMATE	EXTR	EXTRUDED	MAX	MAXIMUM	SFRM	SPRAYED FIRE-RESISTANT MATERIAL
ARCH	ARCHITECT(URAL)	FA	FIRE ALARM	MB	MARKER BOARD	SGL	SINGLE
AVB	AIR & VAPOR BARRIER	FCU	FAN COIL UNIT	MBR	MEMBER	SH	SHelf
BD	BOARD	FD	FLOOR DRAIN	MDF	MEDIUM DENSITY FIBERBOARD	SHR	SHOWER
BG	BUMPER GUARD	FDC	FIRE DEPARTMENT CONNECTION	MECH	MECHANICAL	SHT	SHEET(ING)
BIT	BITUMINOUS	FDN	FOUNDATION	MEMB	MEMBRANE	SHTNG	SHEATHING
BKR	BACKER	FES	FIRE EXTINGUISHER	MET	METAL	SIM	SIMILAR
BLDG	BUILDING	FEC	FIRE EXTINGUISHER CABINET	MEZZ	MEZZANINE	SK	SINK
BLK	BLOCK	FF	FINISH FLOOR	MFR	MANUFACTURER	SL	SEALANT
BLKG	BLOCKING	FGB	FIBERGLASS FACED SILICONE TREATED GYPSUM CORE SHEATHING BOARD	MH	MANHOLE	SMLS	SEAMLESS
BLW	BELOW	FGL	FIBERGLASS	MIFRC	MASTIC INTUMESCENT FIRE RESISTIVE COATING	SP	SPACE(ING)
BH	BEAM, BENCHMARK	FH	FLATHEAD	MIN	MINIMUM	SPEC	SPECIFICATION
BOT	BOTTOM	FIN	FINISH	MIR	MIRROR	SPRY	SPRAY FOAM
BR	BEDROOM	FL	FLASHING	MISC	MISCELLANEOUS	SPFI	SPRAY POLYURETHANE FOAM INSULATION
BRCG	BRACING	FLD	FOLDING	MISCH	MISCELLANEOUS	SPKR	SPEAKER
BRG	BEARING	FLGR	FLOORING	MJ	MOVEMENT JOINT (IN MASONRY)	SPR	SPRINKLER
BRK	BRICK	FLUR	FLOOR	MLDG	MOLDING	SQ	SQUARE
BRKT	BRACKET	FLUOR	FLUORESCENT	MLWK	MILLWORK	SR	SERVICE RECEPTOR
BS	BOTH SIDES, BACKSPLASH	FM	FLOOR MAT	MM	MILLIMETER	SS	STAINLESS STEEL
BSMT	BASEMENT	FOC	FACE OF CONCRETE	MO	MASONRY OPENING	SST	SOLID SURFACING
BTWN	BETWEEN	FOF	FACE OF FINISH	MSCQ	METAL STUD CURTAIN WALL	SSUR	SOLID SURFACING STATION
C/C	CENTER TO CENTER	FOM	FACE OF MASONRY	MTD	MOUNTED	STA	STAGGERED
CAB	CABINET	FOW	FACE OF WALL	MTG	MOUNTING	STAGG	STAGGERED
CB	CATCH BASIN, CHALKBOARD, CONTROL BOX	FP	FIRE PROOF(ED)(ING)	MULL	MULLION	STC	SOUND TRANSMISSION CLASS
CBP	COMPOSITE BUILDING PANEL	FR	FRAME	MW	MINERAL WOOL	STD	STANDARD
CEM	CEMENT	FRT	FIRE RETARDANT TREATED	MWF	MEMBRANE WALL FLASHING	STIFF	STIFFENER
CNTR	CENTER	FS	FAR SIDE, FULL SIZE	N	NORTH	STL	STEEL
CFM	COLD FORMED METAL FRAMING	FSFG	FIRE SAFING	NA	NOT APPLICABLE	STR	STRUCTURAL
CG	CORNER GUARD	FSP	FIRE STAND PIPE	NF	NEAR FACE	SUPP	SUPPORT
CH	CEILING HEIGHT	FT	FOOT, FEET	NIC	NOT IN CONTRACT	SURF	SURFACE
CI	CAST IRON	FTG	FOOTING	NO	NUMBER	SUSP	SUSPENDED
CI	CAST IN PLACE CONCRETE	FTR	FINNED TUBE RADIATION	NOM	NOMINAL	SYM	SYMBOL, SYMMETRICAL
CIP	CAST IN PLACE CONCRETE	FURN	FURNITURE	NRC	NOISE REDUCTION COEFFICIENT	SYS	SYSTEM
CJ	CONTROL JOINT	FURR	FURRING	NS	NEAR SIDE	T	TREAD, FLUSH MOUNTED TELEPHONE
CL	CENTERLINE, CLOSET	FUT	FUTURE	NSF	NET SQUARE FEET	T&G	TONGUE AND GROOVE
CLG	CEILING	FVC	FABRIC WALL COVERING	NTS	NOT TO SCALE	TA	TOILET ACCESSORIES
CLR	CLEAR	FXTR	FIXTURE	OA	OVERALL	TB	TACKBOARD, TOWEL BAR
CMPT	COMPUTER	GA	GAUGE	OC	ON CENTER	TEL	TELEPHONE
CMU	CONCRETE MASONRY UNIT	GAU	GALVANIZED	OD	OUTSIDE DIAMETER	TEMP	TEMPORARY, TEMPERED
COL	COLUMN	GEN	GENERAL CONTRACTOR	OF	OUTSIDE FACE	TERR	TERRAZZO
COMM	COMMUNICATION	GC	GENERAL CONTRACTOR	OCFI	OWNER FURNISHED CONTRACTOR INSTALLED	THK	THICKNESS
COMP	COMPRESSIBLE	GFRG	GLASS FIBER REINFORCED GYPSUM	OFF	OFFICE	TOB	TOP OF BEAM
CONC	CONCRETE	GGBFS	GROUND GRANULATED BLAST FURNACE SLAG	OFOI	OWNER FURNISHED OWNER INSTALLED	TOC	TOP OF CURB, CONCRETE
CONF	CONFERENCE	GL	GLASS	OH	OPPOSITE HAND, OVERHEAD	TOP	TOP OF PEDESTAL
CONSTR	CONSTRUCTION	GR	GRADE	OPNG	OPENING	TOS	TOP OF STEEL
CONST JT	CONSTRUCTION JOINT	GRC	GLASS FIBER REINFORCED CONCRETE	OPP	OPPOSITE	TOSL	TOP OF SLAB
CONT	CONTINUOUS	GRL	GRILLE	PAR	PARALLEL	TOW	TOP OF WALL
CONTR	CONTRACTOR	GRTG	GRATING	PASS	PASSAGE, PASSENGER	TR	TRANSITION
CONV	CONVECTOR	GSF	GROSS SQUARE FEET	PB	PUSH BUTTON	TRANS	TRANSITION
COORD	COORDINATE	GSKT	GASKET	PBD	PARTICLE BOARD	TV	TUBE STEEL
CORR	CORRIDOR, CORRUGATED	GWB	GYPSUM WALLBOARD	PC	PRECAST (STRUCTURAL)	TYP	TYPICAL
CPT	CARPET	GYP	GYPSUM	PCB	PRECAST (STRUCTURAL)	UC	UNDERCOUNTER
CR	CRASH RAIL	H	HIGH	PER	PERIMETER	UH	UNIT HEATER
CRS	COURSE	HC	HANDICAPPED	PERF	PERFORMANCE	UNEX	UNEXCAVATED
CS	CAST STONE	HCT	HANDICAPPED ACCESSIBLE TOILET	PERP	PERPENDICULAR	UNFIN	UNFINISHED
CSK	COUNTERSINK	HD	HEAD	PF	PREFABRICATED PANEL	UNO	UNLESS NOTED OTHERWISE
CSWK	CASEWORK	HDBD	HARDBOARD	PCBD	PREFABRICATED PANEL	UR	URINAL
CT	CERAMIC TILE	HDW	HARDWARE	PL	PLATE, PROPERTY LINE	UTIL	UTILITY
CTS	COUNTERTOP SINK	HDWD	HARDWOOD	PLM	PLASTIC LAMINATE	VAR	VARIABLE
CUB	CUBICLE	HFS	HALF FULL SIZE	PLAS	PLASTIC	VB	VAPOR BARRIER
CUH	CABINET UNIT HEATER	HGT	HEIGHT	PLAT	PLATFORM	VCT	VINYL COMPOSITION TILE
CW	CURTAINWALL	HM	HOLLOW METAL	PLGB	PLUMBING	VEN	VENEER
D	DEPTH	HORIZ	HORIZONTAL	PLK	PLANK	VERT	VERTICAL
DBL	DOUBLE	HP	HIGH POINT, HIGH PRESSURE, HORSE POWER	PLWD	PLYWOOD	VEST	VESTIBULE
DEMO	DEMOLITION	HR	HOUR, HANDRAIL	PNEU	PNEUMATIC	VIF	VERIFY IN FIELD
DEPT	DEPARTMENT	HS	HEAT STRENGTHENED	PNT	PANEL	VIN	VINYL
DET	DETAIL	HVAC	HEATING, VENTILATION, AIR CONDITIONING	PR	PAINT	VOL	VOLUME
DF	DRINKING FOUNTAIN	ID	INSIDE DIAMETER	PREFAB	PREFABRICATED	VP	VENEER PLASTER
DIA	DIAMETER	IF	INSIDE FACE	PRELIM	PRELIMINARY	VT	VINYL TILE
DIM	DIMENSION	IN	INCH	PSF	POUNDS PER SQUARE FOOT	VTR	VENT THRU ROOF
DISP	DISPENSER	INCL	INCLUDING	PSI	POUNDS PER SQUARE INCH	VWC	VINYL WALL COVERING
DMPPF	DAMP/PROOFING	INS	INSULATION; INSULATED	PT	POINT, PRESSURE TREATED (FOR MOISTURE)	W	WIDE, WOMEN'S
DN	DOWN	INT	INTERIOR	PTD	PAINTED	W/	WITH
DO	DOOR	INTMD	INTERMEDIATE	PTN	PARTITION	W/IN	WITHIN
DS	DOWNSPOUT	INV	INVERT	QT	QUARRY TILE	W/O	WITHOUT
DW	DISHWASHER	JAN	JANITOR	R	RISER	WC	WATER CLOSET, WHEELCHAIR
DWG	DRAWING	JB	JUNCTION BOX	RAD	RADIUS	WD	WOOD
DWL	DOWEL	JCT	JUNCTION	RBR	RUBBER	WF	WIDE FLANGE
DWR	DRAWER	JST	JOIST	RCP	REFLECTED CEILING PLN	WIN	WINDOW
DWTR	DUMBWAITER	JT	JOINT	RD	ROOF DRAIN	WM	WALK OFF MAT
				REC	RECESSED	WP	WORKING POINT, WATERPROOF(ING), WALL PROTECTION
				RECP	RECEPTACLE	WR	WATER RESISTANT, WASTE RECEPTOR
				RECT	RECTANGULAR	WS	WATER STOP
						WSCT	WAINSCOT
						WT	WEIGHT, WINDOW TREATMENT
						XPS	EXTRUDED POLYSTYRENE INSULATION

# SYMBOL LEGEND

**BRICK**: [Symbol]

**CONCRETE**: [Symbol]

**CONCRETE MASONRY UNIT**: [Symbol]

**CRUSHED STONE**: [Symbol]

**EARTH**: [Symbol]

**GYPSUM WALL BOARD**: [Symbol]

**INSULATION (BATT)**: [Symbol]

**INSULATION (RIGID)**: [Symbol]

**INSULATION (SEMI-RIGID)**: [Symbol]

**METAL (ALUMINUM)**: [Symbol]

**METAL (STEEL, IRON)**: [Symbol]

**PLYWOOD**: [Symbol]

**WOOD FINISH**: [Symbol]

**WOOD FRAMING & BLOCKING**: [Symbol]

**ELEVATION REFERENCES (ARROW INDICATES DIRECTION OF VIEW)**

- A3.2 1: EXTERIOR ELEVATION NUMBER A3.2
- 3: INTERIOR ELEVATION NUMBER
- A5.1.1 2: MULTIPLE ELEVATION NUMBER A5.1.1
- 1: DETAIL NUMBER
- A3.3.2: SHEET NUMBER A3.3.2
- TYP: NOTE

**SECTION/DETAIL REFERENCES (ARROW INDICATES DIRECTION OF VIEW)**

- 1: BUILDING SECTION NUMBER
- A3.3.1.5: SHEET NUMBER A3.3.1.5
- TYP: NOTE
- 1: WALL SECTION NUMBER
- A3.3.1.5: SHEET NUMBER A3.3.1.5
- TYP: NOTE
- 1: PLAN/SECTION DETAIL NUMBER
- A3.3.1.5: SHEET NUMBER A3.3.1.5
- TYP: NOTE

**DETAIL PLAN/ELEVATION (BOX INDICATES AREA OF VIEW)**

- 1: DETAIL NUMBER
- A2.1: SHEET NUMBER
- 123: ROOM NAME AND NUMBER

**OTHER SYMBOLS:**

- UP: SLOPE UP
- DN: SLOPE DOWN
- TRUE NORTH: BUILDING NORTH
- KEYPLAN COMBINATION NORTH ARROW
- FLOOR ELEVATION: EL 20'-0"
- EXIST WALLS, DOORS (SCREENED)
- DEMOLITION WALLS, DOORS (DASHED)
- NEW WALLS, DOORS (SOLID)
- DOOR TAG: 4" UNLESS NOTED OTHERWISE
- PARTITION TYPE, SEE A4.1
- REVISION: [Symbol]
- DEMOLITION AND/OR ALTERATION NOTE: [Symbol]
- WORK POINT, CONTROL POINT, OR DATUM POINT: [Symbol]
- CASEWORK UTILITY (INDIVIDUAL): [Symbol]
- CASEWORK UTILITY (GROUP): [Symbol]
- LOUVER TYPE: [Symbol]
- WINDOW TYPE: [Symbol]
- ACCESS PANEL: [Symbol]
- ELECTRIC PANEL: [Symbol]
- FIRE EXTINGUISHER CABINET: [Symbol]
- CARD READER: [Symbol]
- ACTUATOR (POWER OPERATOR): [Symbol]
- PUSH BUTTON (RELEASE): [Symbol]
- SENSORS (DOOR CONTROL): [Symbol]

# GENERAL NOTES

- COORDINATE WORK OF THIS CONTRACT WITH WORK OF OWNER'S OTHER DIRECT CONSULTANT AND/OR VENDORS.
- PRIOR TO THE START OF WORK, FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS. NOTIFY ARCHITECT OF ANY DISCREPANCIES WHERE EXISTING CONDITIONS ARE IN CONFLICT WITH DESIGN INTENT. OBTAIN CLARIFICATION FROM ARCHITECT.
- PERFORM ALL WORK IN COMPLIANCE WITH ALL APPLICABLE COADS AND ORDINANCES.
- THE CONTRACTOR SHALL COORDINATE ALL ACTIVITY REGARDING SHUT DOWNS, RE-ROUTING, TEMPORARY INSTALLATION, ETC. NECESSARY FOR THE WORK WITH THE OWNER'S REPRESENTATIVE AND RESPECTIVE PUBLIC UTILITIES. CONTRACTOR SHALL PROVIDE 72 HOURS NOTICE MINIMUM.
- THE GENERAL CONTRACTOR SHALL ESTABLISH SPECIFIC MEANS AND METHODS FOR INSTALLATION AND SHALL COORDINATE THE WORK FOR ALL CONTRACTORS AND COMPLY WITH OWNER'S REQUIREMENTS.

# FIREPROOFING NOTES

- STEEL COLUMNS (2-HR): ULX701
- STEEL FLOOR BEAMS (2-HR): UL N706
- STEEL FLOOR DECK (2-HR): UL D902; 3-1/4" LW CONCRETE ON 2" METAL DECK, PER STRUCTURAL, DOES NOT REQUIRE PROTECTION
- STEEL ROOF BEAMS (1-HR): UL S701; NOTE THAT OCCURS ON ALL BEAMS EXCEPT THOSE OVER 20' OR MORE ABOVE FLOOR
- STEEL ROOF JOISTS (1-HR): UL P701; NOTE THAT OCCURS ON ALL JOISTS EXCEPT THOSE OVER 20' OR MORE ABOVE FLOOR
- STEEL ROOF DECK (1-HR): UL P741; NOTE THAT OCCURS ON ALL DECKING EXCEPT WHERE OVER 20' OR MORE ABOVE FLOOR

# BID OPTION NOTES

- ADD FOOTBALL FIELD LIGHTING
- UPGRADE FENCING TYPE: CHANGE FROM CHAIN LINK TO ORNAMENTAL AT ALL LOCATIONS
- ADD OUTDOOR LEARNING AREAS
- ADD BASEBALL & SOFTBALL FIELD LIGHTING
- ADD DROP OFF CANOPY
- ADD OPERABLE WINDOWS
- REMOVE EXISTING BUILDING DEMO
- UPGRADE ROOF TYPE (FROM EPDM TO MOD BIT)
- UPGRADE FLOOR FINISH (FROM TILE TO TERRAZZO IN SELECT SPACES)

APPR

DATE

SYMBOL DESCRIPTION

SEAL

**EWING COLE**

Federal Reserve Bank Building  
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AE INFO

APPROVED

FOR COMMANDER NAVFAC

ACTIVITY

SATISFACTORY TO DATE

Designer: JC Author: KM Checker: KF

PM/CM

BRANCH MANAGER

CHIEF ENG/ ARCH

FIRE PROTECTION

DEPARTMENT OF THE NAVY  
NAVAL FACILITIES ENGINEERING COMMAND  
DDEEA  
MARINE CORPS BASE QUANTICO, VIRGINIA

QUANTICO, VA

**REPLACE QUANTICO M/H SCHOOL**

ABBREVIATIONS & SYMBOL LIST

SCALE: As Indicated

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SHEET 5 OF 789

G003

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