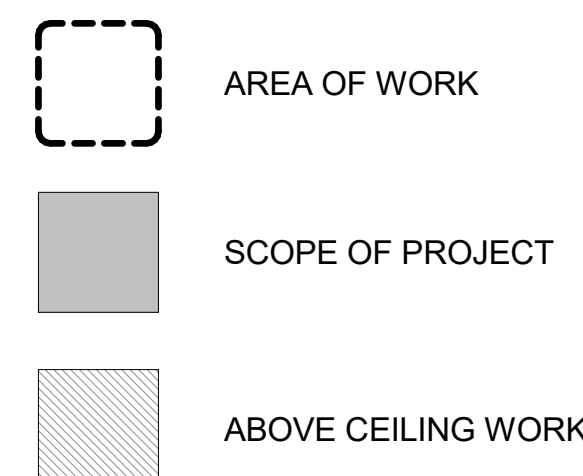


BID DOCUMENTS
SITE PREP FOR 80-SLICE CT
VA PROJECT NO. 601-CSI-103

FULLY SPRINKLERED



LEVEL 2 - RADIOLOGY DEPARTMENT
1/32" = 1'-0"

one-eighth inch = one foot

one-quarter inch = one foot

three-eighths inch = one foot

one-half inch = one foot

three-quarters inch = one foot

one inch = one foot

one and one-half inches = one foot

three inches = one foot

BID DOCUMENTS

0 6 12 18 24 30 36 42 48 54 60 66 72 78 84 90 96 102 108 114 120 126 132 138 144 150 156 162 168 174 180 186 192 198 204 210 216 222 228 234 240 246 252 258 264 270 276 282 288 294 300 306 312 318 324 330 336 342 348 354 360 366 372 378 384 390 396 402 408 414 420 426 432 438 444 450 456 462 468 474 480 486 492 498 504 510 516 522 528 534 540 546 552 558 564 570 576 582 588 594 600 606 612 618 624 630 636 642 648 654 660 666 672 678 684 690 696 702 708 714 720 726 732 738 744 750 756 762 768 774 780 786 792 798 804 810 816 822 828 834 840 846 852 858 864 870 876 882 888 894 900 906 912 918 924 930 936 942 948 954 960 966 972 978 984 990 996 1000

three inches = one foot

one and one-half inches = one foot

one inch = one foot

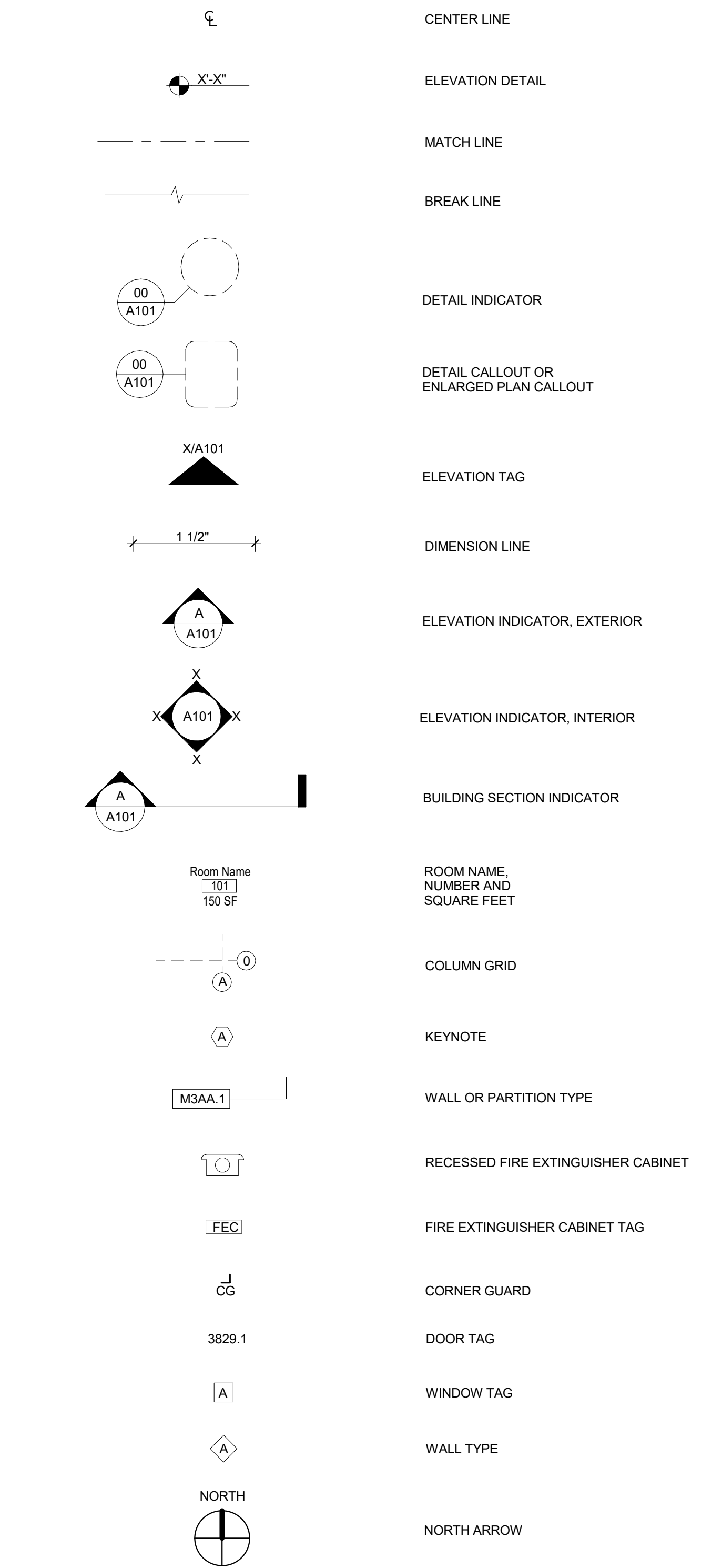
three-quarters inch = one foot

one-half inch = one foot

three-eighths inch = one foot

one-quarter inch = one foot

one-eighth inch = one foot



SYMBOLS LEGEND

PURPOSE: THE PUBLIC BUILDINGS AMENDMENT ACT OF 1988, PUBLIC LAW (PUB. L.) 100-678 REQUIRES FEDERAL AGENCIES TO FOLLOW NATIONAL RECOGNIZED "MODEL" BUILDING CODES. THE FEDERAL PARTICIPATION IN THE DEVELOPMENT AND USE OF VOLUNTARY STANDARDS, OFFICE OF MANAGEMENT AND BUDGET (OMB) CIRCULAR A-119, REQUIRES ALL EXECUTIVE AGENCIES TO RELY ON VOLUNTARY STANDARDS, BOTH DOMESTIC AND INTERNATIONAL, WHENEVER FEASIBLE, AND TO PARTICIPATE IN VOLUNTARY STANDARD BODIES.

GENERAL: VA HAS ADOPTED THE LATEST EDITION OF THE FOLLOWING CODES AND STANDARDS AS A MINIMUM FOR ALL PROJECTS PERFORMED IN THE MODERNIZATION, ALTERATION, ADDITION, OR IMPROVEMENT OF ITS REAL PROPERTY AND THE CONSTRUCTION OF NEW STRUCTURES. VA DESIGN MANUALS AND MASTER SPECIFICATIONS SPECIFY OTHER CODES AND STANDARDS THAT VA FOLLOWS ON ITS PROJECTS.

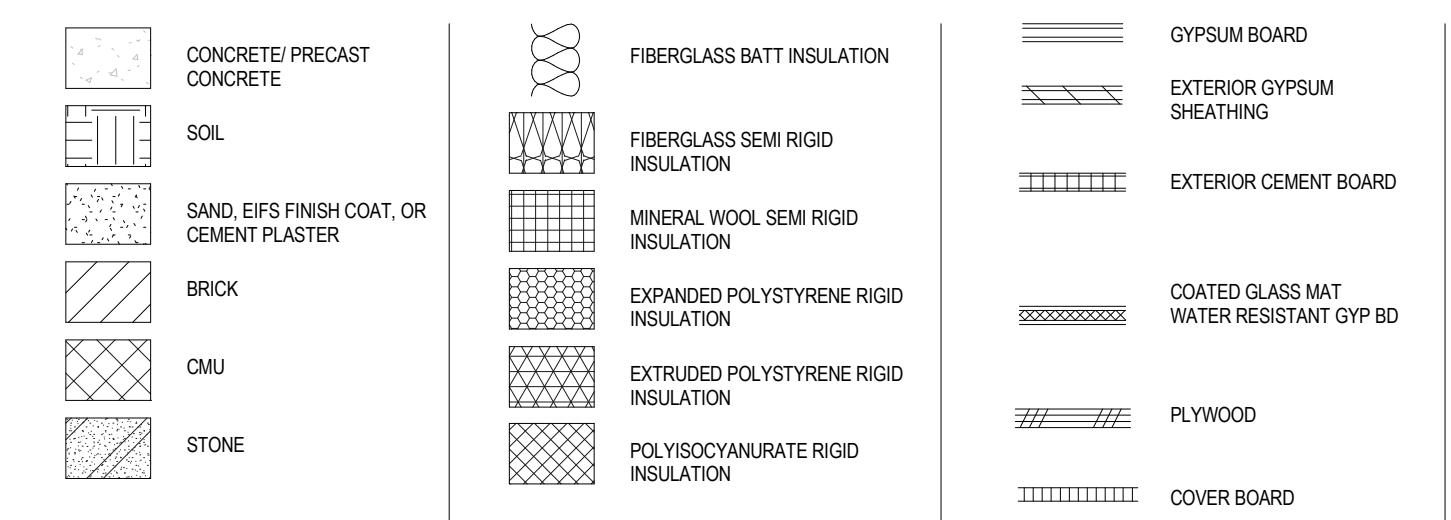
- VA DIRECTIVES, DESIGN MANUALS, MASTER SPECIFICATIONS, VA NATIONAL CAD STANDARD APPLICATION GUIDE, AND OTHER GUIDANCE ON THE TECHNICAL INFORMATION LIBRARY (TIL) ([HTTP://WWW.CDM.VA.GOV/TIL/](http://www.cdm.va.gov/TIL/)).
- INTERNATIONAL BUILDING CODE (IBC) (ONLY WHEN SPECIFICALLY REFERENCED IN VA DESIGN DOCUMENTS, SEE NOTES BELOW)
- NFPA 101 LIFE SAFETY CODE (SEE NOTES BELOW)
- NFPA NATIONAL FIRE CODES WITH THE EXCEPTION OF NFPA 5000 AND NFPA 900
- OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) STANDARDS.
- VA SEISMIC DESIGN REQUIREMENTS, H-18-8
- NATIONAL ELECTRICAL CODE (NEC)
- INTERNATIONAL PLUMBING CODE (IPC)
- SAFETY CODE FOR ELEVATORS AND ESCALATORS, AMERICAN SOCIETY OF MECHANICAL ENGINEERS (ASME) A 17.1.
- ASME BOILER AND PRESSURE VESSEL CODE
- ASME CODE FOR PRESSURE PIPING
- ARCHITECTURAL BARRIERS ACT ACCESSIBILITY STANDARDS (ABAAS) INCLUDING VA SUPPLEMENT, BARRIER FREE DESIGN GUIDE (PG-18-13)
- BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE, AMERICAN CONCRETE INSTITUTE AND COMMENTARY (ACI 318)
- MANUAL OF STEEL CONSTRUCTION, LOAD AND RESISTANCE FACTOR DESIGN SPECIFICATIONS FOR STRUCTURAL STEEL BUILDINGS, AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC)
- ENERGY POLICY ACT OF 2005 (EPACT)
- DOE INTERIM FINAL RULE, ENERGY CONSERVATION STANDARDS FOR NEW FEDERAL, COMMERCIAL AND MULTI-FAMILY HIGH-RISE RESIDENTIAL BUILDINGS AND NEW LOW-RISE RESIDENTIAL BUILDINGS, 10 CFR PARTS 435, 434 AND 435.
- FEDERAL LEADERSHIP IN HIGH PERFORMANCE AND SUSTAINABLE BUILDINGS: MEMORANDUM OF UNDERSTANDING (MOU)
- EXECUTIVE ORDER 13423: STRENGTHENING FEDERAL ENVIRONMENTAL, ENERGY, AND TRANSPORTATION MANAGEMENT.
- THE PROVISIONS FOR CONSTRUCTION AND SAFETY SIGNS, STATED IN THE GENERAL REQUIREMENTS SECTION 01010 OF THE VA MASTER CONSTRUCTION SPECIFICATION.
- VENTILATION FOR ACCEPTABLE INDOOR AIR QUALITY - ASHRAE STANDARD 62.1-2004.
- SAFETY STANDARD FOR REFRIGERATION SYSTEMS - ASHRAE STANDARD 15 - 2007.

LOCAL CODES: AS AN AGENCY OF THE FEDERAL GOVERNMENT, VA IS NOT SUBJECT TO LOCAL IMPOSITION OF CODE ENFORCEMENT PROCEDURES (DRAWING REVIEWS, BUILDING PERMITS, INSPECTIONS, FEES, ETC.). VA MUST FUNCTION AS THE AUTHORITY HAVING JURISDICTION (AHJ) AND THUS HAS THE RESPONSIBILITY TO GUARD PUBLIC HEALTH AND SAFETY THROUGH ENFORCING ITS ADOPTED CODES. HOWEVER, LOCAL AUTHORITIES SHOULD BE NOTIFIED ABOUT PLANNED PROJECTS AND GIVEN OPPORTUNITY TO REVIEW DRAWINGS PROVIDED THAT VA DOES NOT PAY FOR REVIEW OR INSPECTION FEES.

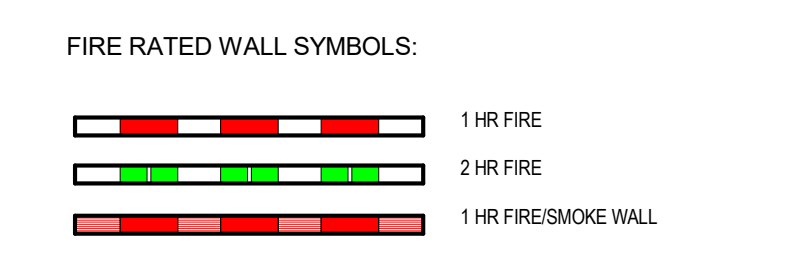
NOTES:

1. NFPA 101 PRIMARILY ADDRESSES LIFE SAFETY AND FIRE PROTECTION FEATURES WHILE THE IBC ADDRESSES A WIDE RANGE OF CONSIDERATIONS, INCLUDING, BUT NOT LIMITED TO, STRUCTURAL STRENGTH, SEISMIC STABILITY, SANITATION, ADEQUATE LIGHT AND VENTILATION, AND ENERGY CONSERVATION. VA BUILDINGS MUST MEET THE REQUIREMENTS OF NFPA 101 AND DOCUMENTS REFERENCED BY NFPA 101 IN ORDER TO COMPLY WITH THE ACCREDITATION REQUIREMENTS OF THE JOINT COMMISSION. THEREFORE, DESIGNS SHALL COMPLY WITH THE REQUIREMENTS OF THE LATEST EDITION OF NFPA 101 AND DOCUMENTS REFERENCED THEREIN. DESIGN FEATURES NOT ADDRESSED BY NFPA 101 OR DOCUMENTS REFERENCED THEREIN SHALL COMPLY WITH THE REQUIREMENTS OF THE LATEST EDITION OF THE IBC OR AS OTHERWISE ADDRESSED ABOVE IN THIS PROGRAM GUIDE. FOR DESIGN FEATURES THAT ARE ADDRESSED BY BOTH THE IBC AS WELL AS NFPA 101 OR A DOCUMENT REFERENCED BY NFPA 101, THE REQUIREMENTS OF NFPA 101 OR THE DOCUMENT REFERENCED BY NFPA 101 SHALL BE USED EXCLUSIVELY (THIS APPLIES EVEN IF THE IBC REQUIREMENTS ARE DIFFERENT).

2. CONFLICTS BETWEEN NATIONALLY RECOGNIZED CODES AND STANDARDS AND VA REQUIREMENTS - SHOULD A CONFLICT EXIST BETWEEN VA REQUIREMENTS AND VA ADOPTED NATIONALLY RECOGNIZED CODES AND STANDARDS, THE CONFLICT SHALL BE BROUGHT TO THE ATTENTION OF VA. THE RESOLUTION OF THE CONFLICT SHALL BE MADE BY THE AUTHORITY HAVING JURISDICTION FOR VA TO ENSURE A CONSISTENCY SYSTEM WIDE.



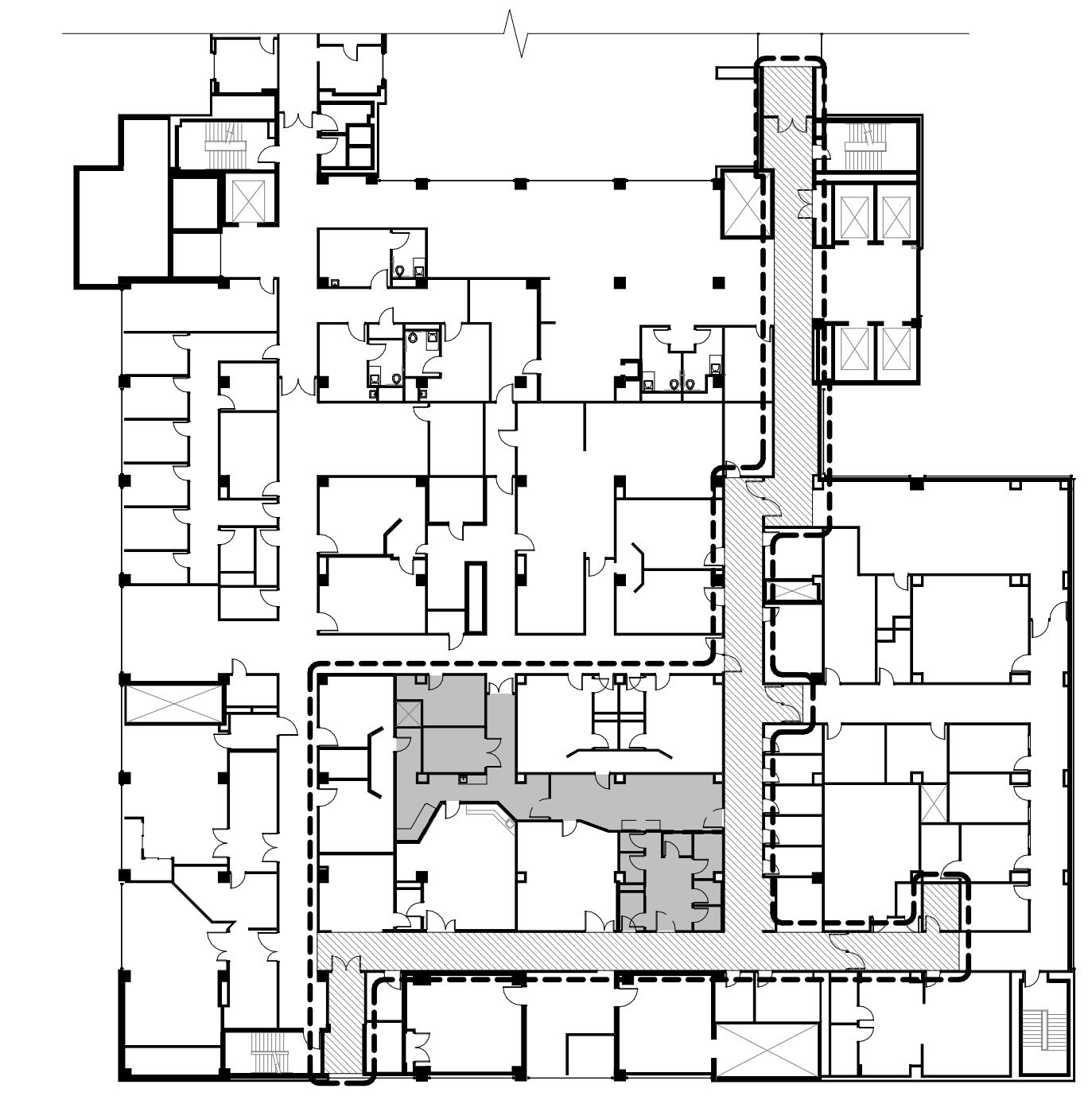
GENERAL NOTES



MATERIALS LEGEND

- DRAWINGS TO BE TAKEN AS PART OF A COMPLETE DOCUMENTS SET. CONTRACTOR TO CONFIRM ALL ITEMS REQUIRED TO BE DEMOLISHED AND EXTENT OF DEMOLITION BASED UPON THE OVERALL DESIGN INTENT OF THE ENTIRE DOCUMENT SET.
- VERIFY ALL EXISTING CONDITIONS PRIOR TO BEGINNING ANY DEMOLITION WORK TO CONFIRM ACCURACY IN DRAWINGS. REPORT ANY DISCREPANCIES TO ARCHITECT. DO NOT SCALE THE DRAWINGS. FIELD VERIFY ALL DIMENSIONS AND EXISTING STRUCTURAL CONDITIONS.
- ALL AREAS NOT INVOLVED IN THE SCOPE OF WORK FOR THIS PROJECT SHALL BE KEPT CLEAN AND FREE OF OBSTRUCTIONS AT ALL TIMES. ERECT BARRICADES AND WARNING SIGNS TO DIVERT AND WARN PASSERS-BY OF THE CONSTRUCTION WORK. PROVIDE DUST PROOFING ENCLOSURES TO SEPARATE WORK AREAS FROM THE EXISTING FACILITIES. DUST PROOFING ENCLOSURES TO BE CONSTRUCTED PER VA STANDARDS.
- ALL MATERIAL DEVELOPED AND ACCUMULATED DURING DEMOLITION, UNLESS OTHERWISE NOTED TO BE REUSED, SALVAGED, OR TURNED OVER TO THE OWNER, SHALL BECOME THE PROPERTY OF THE CONTRACTORS AND RECYCLED OR DISPOSED OF OFF-SITE. REMOVAL OF TRASH AND DEBRIS SHALL BE IN WHEELED CONTAINER THAT IS COVERED TO PREVENT AIRBORNE DUST/DIRT PARTICLES FROM TRANSFERRING INTO EXISTING HOSPITAL ALONG THE PATH OF REMOVAL. VA PROJECT MANAGER TO APPROVE PATH OF REMOVAL. ALL TRASH AND DEBRIS TO BE REMOVED ON A DAILY BASIS.
- CONTRACTOR SHALL PROVIDE PROTECTION FOR ALL EXISTING SURFACES AND CONDITIONS TO REMAIN DURING CONSTRUCTION. SHOULD ANY DAMAGE OCCUR, REPAIR LIKE NEW AND MATCH ADJACENT FINISHES.
- ANY DAMAGE CAUSED TO THE BUILDING OR OWNER EQUIPMENT (WITHIN OR BEYOND SCOPE) SHALL BE REPAIRED OR REPLACED BACK TO ITS ORIGINAL CONDITIONS AT NO ADDITIONAL COST TO THE OWNER.
- COVER ALL RETURN AIR GRILLS AND TRANSFER AIR GRILLS WITHIN THE AREA OF CONSTRUCTION TO PREVENT PARTICULATE MATERIAL FROM EXHAUSTING INTO SURROUNDING SPACES.
- ANY REMOVAL OF MECHANICAL, ELECTRICAL, AND LIGHTING ELEMENTS SHOULD BE LIMITED TO WHAT IS NECESSARY FOR SAFE REMOVAL OF THE INDICATED WALL OR CEILING. APPROPRIATE LIGHT FIXTURES SHALL BE TEMPORARILY SUSPENDED TO PROVIDE ADEQUATE LIGHTING LEVELS FOR CONSTRUCTION.
- CONTRACTOR TO DEMO ALL FIXTURES, CEILING, MECHANICAL, PLUMBING AND ELECTRICAL AS REQUIRED TO COMPLETE THE SCOPE OF WORK OUTLINED WITHIN THE CONSTRUCTION DOCUMENTS.
- ASBESTOS ABATEMENT TO BE CARRIED OUT BY OWNER.
- REPORT ANY MISSING OR DAMAGED FIREPROOFING TO THE COR.

GENERAL NOTES



NOTE: ADDITIONAL LEVELS INCLUDED IN AREA OF WORK TO COMPLETE UTILITIES CONNECTIONS, REFER MEP DRAWINGS.

- AREA OF WORK
- SCOPE OF PROJECT
- ABOVE CEILING WORK, REF. MEP
- TRUE NORTH

AREA OF WORK

ACS DR ACS PNL ACST ACT AD ADA ADC ADMIN ADB AFC AFF AFB AFS ALUM AR ASB AWT BAT BEVL BLKT BM BOT BRG BRG PL BRKT BTWN C TO C CAB CAC CB CBB CCTV	ACCESS DOOR ACCESS PANEL ACOUSTIC ACOUSTICAL CEILING TILE AREA DRAIN AMERICANS WITH DISABILITIES AUTOMATIC DOOR CLOSER CFMF ADH ADMINISTRATION AUTOMATIC DOOR BOTTOM ABOVE FINISHED COUNTER ABOVE FINISHED FLOOR ABOVE FINISHED GRADE ALUMINUM AS REQUIRED ASBESTOS ACOUSTICAL WALL TREATMENT BATTEN BEVEL BLANKET BEAM OR BENCHMARK BOTTOM BEARING BEARING PLATE BRACKET BETWEEN CENTER TO CENTER CABINET CEILING ATTENUATION GLASS CORNER BEAD CEMENTITIOUS BACKER BOARD CLOSED CIRCUIT TELEVISION	CD CEM CER CFCI CFOI CFMF CG CHFR CJ CL CLG CLG HT CMU COL CONC CONC FLR CONF CONT CONTR CORR CPRS CQST CSWK CT CAB CTB CFC CFL CDB CDB CCTV	CONSTRUCTION DOCUMENTS OR CONTRACT DOCUMENTS CEMENT CERAMIC CONTRACTOR FURNISHED CONTRACTOR INSTALLED CONTRACTOR FURNISHED OWNER INSTALLED CHAMFER COLD-FORMED METAL FRAMING CORNER GUARD CENTER LINE CONSTRUCTION JOINT OR CENTER LINE CEILING HEIGHT CONCRETE MASONRY UNIT COLUMN CONCRETE CONCRETE FLOOR CONFERENCE CONTINUE OR CONTINUOUS CONTRACTOR CORRIDOR COMPRESSIBLE CORSET CASEWORK CERAMIC TILE CERAMIC TILE BASE CERAMIC TILE FLOOR CONTROL DOUBLE DEMOLITION DETAIL DIAMETER	DL DR DR FR DR OPNG EA EI ELEC ELEC DR OP ELEV EQ EQUL EQUIP EQUIV ESC ESCUTCHION EACH WAY ELECTRIC WATER COOLER EXISTING EXP EXT F FA FAB FDO FD FDC FEC FEC FFSE FIN FIN FLR FIN WD FLT	DEAD LOAD DOOR OR DRAIN DOOR FRAME DOOR OPENING EACH EXPANSION JOINT ELEVATION ELECTRIC ELECTRIC DOOR OPENER ELEVATOR OR ELEVATION EQUAL EQUALLY SPACED EQUIPMENT EQUIVALENT ESCUTCHION EACH WAY ELECTRIC WATER COOLER EXISTING EXPANSION OR EXPOSED EXTINGUISHER FEMALE FIRE ALARM FABRIC FLOOR CLEANOUT FLOOR DRAIN FIRE DEPARTMENT CONNECTION FIRE EXTINGUISHER FIRE EXTINGUISHER CABINET FINISH FACE FURNITURE, FIXTURE, & EQUIPMENT FINISH FINISH FLOOR (ELEVATION) FINISH WOOD FIXTURE FLOORLINE	FLSHG FLR FLR FIN FLR SK FLUOR FIX FO INT FOS FOW FP FR FRMG FRP FT FURG FURN FV FWC GALV GB GALV GD GLD GLSS GROUT GYPSUM BOARD H PLAM HDM HORL HORZ	FLASHING FLOOR FLOOR FINISH FLOOR SINK FLUORESCENT FIXTURE FINISHED OPENING FACE OF FINISH FACE OF CONCRETE FACE OF MASONRY FACE OF SLAB OR FACE OF STUD FACE OF WALL FIRE PROTECTION OR FIREPROOF FIRE RATING, FIRE RESISTANCE, OR FRAME FRAMING FIBER REINFORCED POLYESTER OR FIBER REINFORCED PLASTIC FIELD VERIFY FIBER REINFORCED POLYESTER OR FIBER REINFORCED PLASTIC GAGE GALVANIC OR GALVANIZED GUARD GUARD RAIL GLASS GROUT GYPSUM BOARD H PLAM HDM HORL HORZ	HS MTD ID INSUL INT KPL L LJAM GL LAV LD BRG LF LNO LT GA LVR LVT MAX MCB MD MECH RM MEL MEMBRANE MILL FINISH MFR REC MIN MIRR MSC MLDG MLWK MO MOPR MR	HEAT-STRENGTHENED (GLASS) OR HIGH STRENGTH HEIGHT INSIDE DIAMETER INSULATION INTERIOR KICKPLATE ANGLE LAMINATED GLASS LAVATORY LOAD-BEARING LINEAR FEET (FOOT) LINOLEUM LIGHT GAUGE LOUVER LUXURY VINYL TILE MAXIMUM METAL CORNER BEAD METAL DECK MECHANICAL ROOM MELAMINE MEMBRANE MILL FINISH MANUFACTURER'S RECOMMENDATIONS MINUTE OR MINIMUM MIRROR MISCELLANEOUS MOLDING (MOULDING) MILLWORK MASONRY OPENING MOP RACK MOISTURE RESISTANT	MS MTD MTL MULL MWV NC NCMBL NC NO NOM NR NRC OIO OIA OC OD OF OFCCI OFF OH DR OPP PLAM PLAS PLYWD PMTL PNL PR PT PTD PTN PVC	MACHINE SCREW OR MOP SINK MOUNTED METAL MULLION MICROWAVE NOISE CRITERIA NONCOMBUSTIBLE NOT IN CONTRACT NUMBER NOMINAL NOISE REDUCTION NOISE REDUCTION COEFFICIENT OUT TO OUT OUTSIDE AIR OR OVERALL ON CENTER OUTSIDE DIMENSION OR RETURN DIAMETER OWNER FURNISHED CONTRACTOR INSTALLED OWNER FURNISHED OWNER INSTALLED OFFICE OVERHEAD (COLING) DOOR OPPOSITE PLASTIC LAMINATE PLASTIC PLYWOOD PAINTED METAL PANEL PAIR PAINT PAPER TOWEL DISPENSER PARTITION POLYVINYL CHLORIDE (PLASTIC)	QA OC QTY QJAL R RB RB HK RBR RCP REC RECPT RECT REIN REQD RESIL RET REVN REV RM RO ROOF RV SAT SCHED SCHD SF SHT SHV SIM SMT SM SMK SND SND INS SNDU	QUALITY ASSURANCE QUALITY CONTROL QUANTITY QUALITY RADIUS OR RISER RUBBER BASE ROBE HOOK RUBBER REFLECTED CEILING PLAN RECESSED RECEPTACLE RECTANGLE REFERENCE OR REFRIGERATOR REINFORCE REQUIRED RESILIENT RETURN REVISION TELEPHONE ROUGH OPENING ROOF VENT SUSPENDED ACOUSTICAL TILE SCHEDULE SOLID CORE WOOD DOOR SQUARE FOOT (FEET) SHEET SHELVING SIMILAR SINK SHEET METAL SMOKE SANITARY NAPKIN DISPENSER SOUND INSULATION SANITARY NAPKIN DISPOSAL UNIT	SPEC SPKLR SQ IN SQ YD SS SST STAIRS STRUCT STC STDL STNLS STOR SUSP CLG SV T TAG TB TD TEL THRES THRU TMPD GL TO TO FDN TOP TOM TOP OF BEAM TOP OF MASONRY TOP OF STEEL TOP OF WALL TOILET PAPER DISPENSER TOILET PAPER HOLDER TOWER RACK TYPICAL UCD UNO UR	SPECIFICATION SPRINKLER SQUARE INCH SQUARE YARD SERVICE SINK STAINLESS STEEL STRUCTURAL SOUND TRANSMISSION CLASS STANDARD STAINLESS STORAGE SUSPENDED CEILING SHEET VINYL T TAG TB TD TEL THRES THRU TMPD GL TO TO FDN TOP TOM TOP OF BEAM TOP OF MASONRY TOP OF STEEL TOP OF WALL TOILET PAPER DISPENSER TOILET PAPER HOLDER TOWER RACK TYPICAL UCD UNO UR	UTIL VAR VCT VFAT VR VWC VWF W WO WBL WC WC WL HNG WD WDW WFB WSC X BRACE YD YARD	UTILITY VARIES VINYL COMPOSITION TILE VINYL FACED ACOUSTICAL TILE VAPOR RETARDER VINYL WALL COVERING VINYL WALL FABRIC WITH WITHOUT WOOD BRICKING WALL COVERING OR WATER CLOSET WATER CLOSET, WALL HUNG WOOD WINDOW WALL FABRIC WANSOT CROSS BRACE YARD
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ARCHITECTURAL ABBREVIATIONS

BID DOCUMENTS

CONSULTANTS		ARCHITECT		GENERAL INFORMATION		PROJECT TITLE		VA PROJECT NUMBER		Office of Construction and Facilities Management		
M.E.P. / F.P. / T. ENGINEER HENDERSON ENGINEERS, INC. 8345 LENEXA DRIVE, SUITE 300 LENEXA, KS 66214 (913) 742-5000		RADIOLOGY PLANNING RAD RADIOLOGY PLANNING 802 BROADWAY AVENUE, 5TH FLOOR KANSAS CITY, MO 64105 (816) 472-7722		 320 NW 10th St, Suite A Oklahoma City, OK 73103 spur-design.com		3511 Westport Road Kansas City, MO 64111 spur-design.com		SITE PREP FOR 80-SLICE CT		635-CSI-103		
						PROJECT LOCATION OKLAHOMA CITY VA HEALTH CARE SYSTEM 921 NE 13TH STREET OKLAHOMA CITY, OK 73104		BUILDING NUMBER 1		Department of Veterans Affairs		
						DATE 04/18/2017		CHECKED SAC			DRAWN BHR	
						APPROVED: PROJECT DIRECTOR		DRAWING NUMBER GI-001				
REVISION #		DATE										