

one and one eighth inches = one foot  
one eighth inch = one foot  
one sixteenth inch = one foot  
one thirty second inch = one foot

BACKCHECK #1	3/25/11
100% CONSTRUCTION DOCUMENTS	9/10/08
95% CONSTRUCTION DOCUMENTS	8/8/08
Revisions:	Date

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10/20/2012

Drawing Title	ABBREVIATIONS & SYMBOLS
Scale:	AS NOTED
Approved:	Project Director

Project Title	VA Medical Center Seismic Replacement And Retrofit
Location	San Francisco, CA
Date	10 / 22 / 2012
Checked	
Drawn	

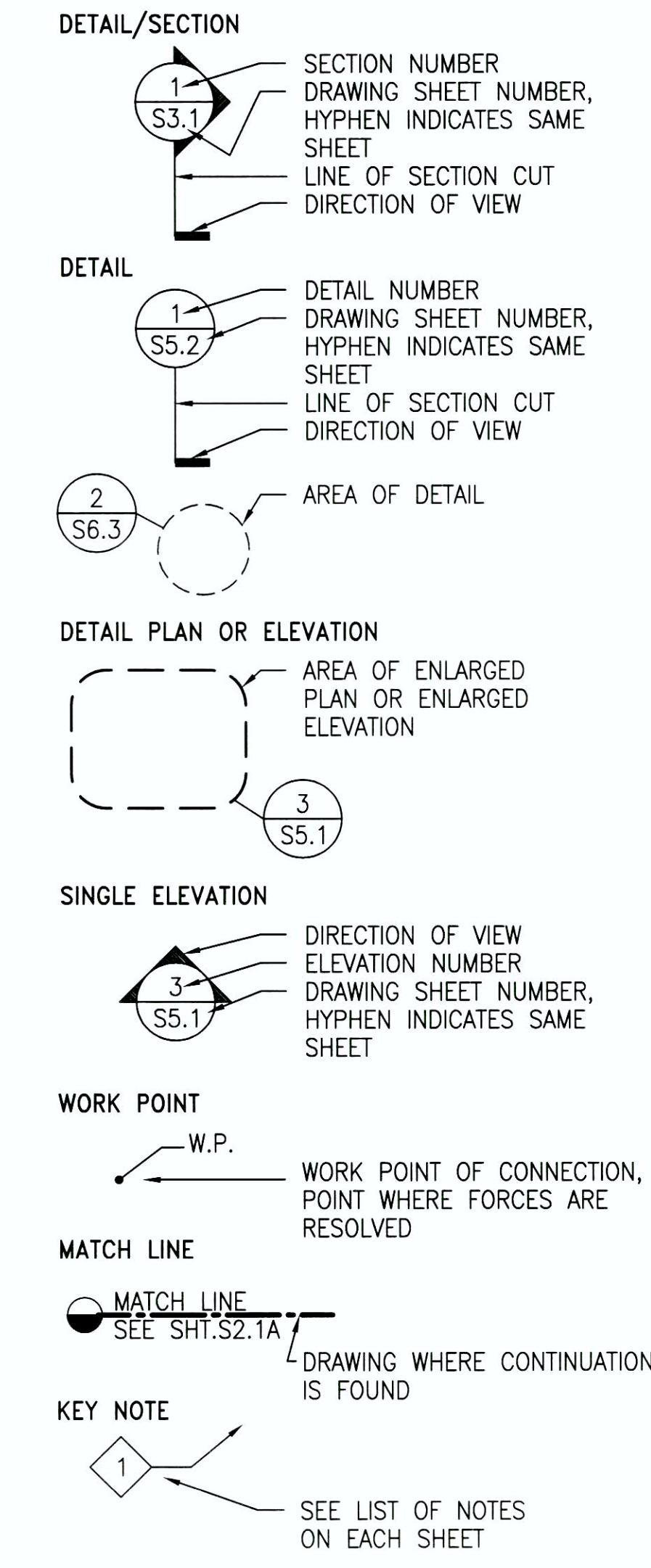
Project Number	2941-001-00
Building Number	22
Drawing Number	S-002

Office of  
Facilities  
Management

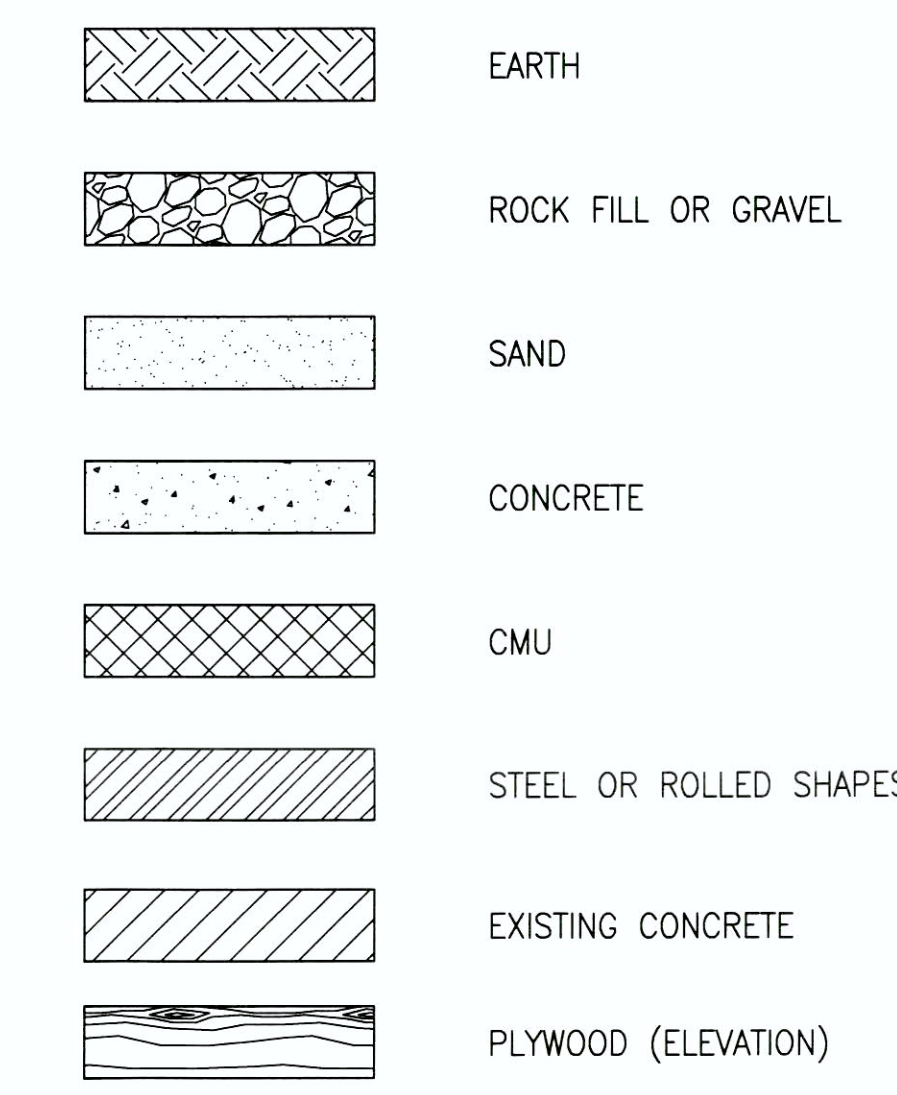
Department of  
Veterans Affairs

SYMBOLS

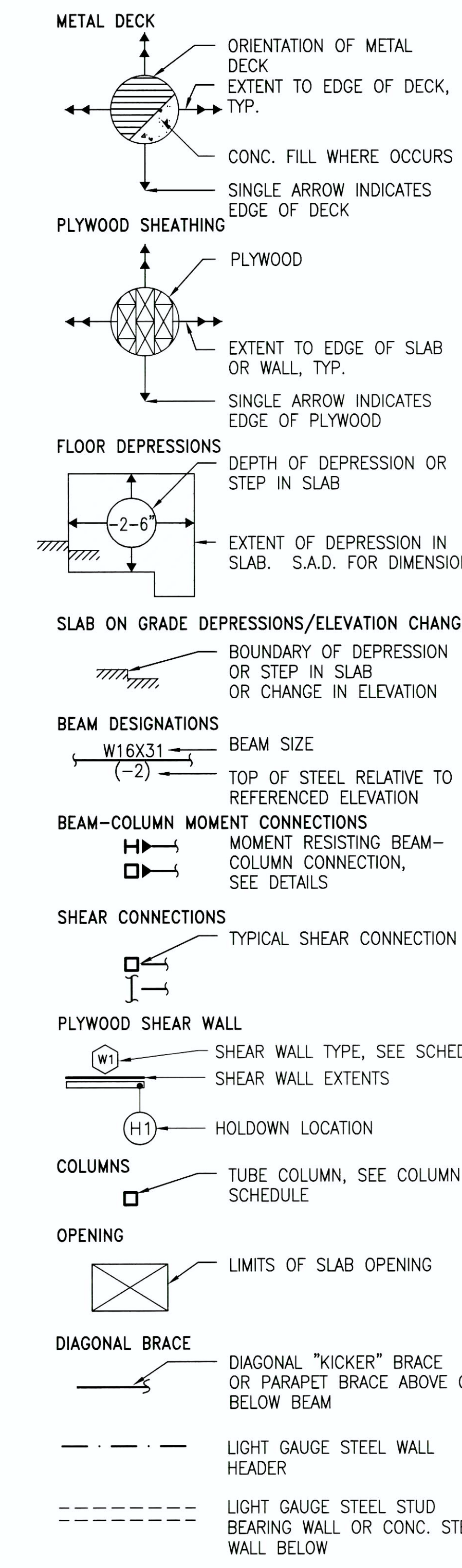
REFERENCE SYMBOLS



MATERIAL SYMBOLS



PLAN SYMBOLS



ABBREVIATIONS

(E)	EXISTING	JT	JOINT
(N)	NEW	K.O.	KNOCK-OUT
&	AND	L	ANGLE
@	AT	Id	DEVELOPMENT LENGTH
A.A.	ADHESIVE ANCHOR	Idb	HOOK DEVELOPMENT LENGTH
A.B.	ANCHOR BOLT	LEV.	LEVEL
ABV	ABOVE	LLBB	LONG LEG BACK TO BACK
ADL	ADDITIONAL	LLH	LONG LEG HORIZONTAL
ADJ.	ADJACENT	LLV	LONG LEG VERTICAL
AGGR.	AGGREGATE	LOC.	LOCATION
AL	ALUMINUM	LONGIT.	LONGITUDINAL
ALT.	ALTERNATE	L.P.	LOW POINT
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE	Is	LAP SPLICE LENGTH
APPROX.	APPROXIMATE	LT	LIGHT
ARCH.	ARCHITECTURAL	LWC	LIGHTWEIGHT CONCRETE
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS	MAX.	MAXIMUM
A.C.	ASPHALT CONCRETE	M.B.	MACHINE BOLT
BET.	AMERICAN WIRE GUAGE	MEZZ.	MEZZANINE
BLDG	BUILDING	MECH.	MECHANICAL
BKG	BLOCKING	M.E.P.	MECHANICAL, ELECTRICAL, PLUMBING DOCUMENTS
BM, BMS	BEAM, BEAMS	MTL	METAL
B.N.	BOUNDARY NAILING	MFR	MANUFACTURER
B.O.F.	BOTTOM OF FOOTING	MIN.	MINIMUM
BOT.	BOTTOM	MISC.	MISCELLANEOUS
BRG	BEARING	MTD.	MOUNTED
BSMT	BASEMENT	N	NORTH
B.S.	BOTH SIDES	N.F.	NEAR FACE
C	CHANNEL	N.I.C.	NOT IN CONTRACT
CL	CENTERLINE	N.S.	NEAR SIDE
C.I.P.	CAST IN PLACE	N.T.S.	NOT TO SCALE
C.J.	CONTROL JOINT	NO. or #	NUMBER
CLG	CEILING	NOM.	NOMINAL (DIAMETER)
CLR	CLEAR	NWC	NORMAL WEIGHT CONCRETE
CMU	CONCRETE MASONRY UNIT	ON CTR	ON CENTER
COL.	COLUMN	O.D.	OUTSIDE DIAMETER (DIM)
CONC.	CONCRETE	O.H.	OPPOSITE HAND
CONN.	CONNECTION	OPNG	OPENING
CONSTR.	CONSTRUCTION	OPP.	OPPOSITE
CONT.	CONTINUOUS	PL	PLATE
CSK	COUNTERSINK	PC, PCS.	PIECE, PIECES
CP	COMPLETE PENETRATION	PERP.	PERPENDICULAR
CTR	CENTER	PLYWD	PLYWOOD
d	PENNY (NAIL SIZE)	PP	PARTIAL PENETRATION
DBL	DOUBLE	PR	PAIR
DK, DKG	DECK or DECKING	PT	POINT
DEMO.	DEMOLITION	PTN	PARTITION
DET., DETS	DETAIL, DETAILS	R.O.	ROUGH OPENING
DIAG.	DIAGONAL	R or RAD.	RADIUS
DIA. or Ø	DIAMETER	REBAR	REINFORCING BAR
DIM., DIMS	DIMENSION, DIMENSIONS	REF	REFERENCE
DIST.	DISTANCE	REINF.	REINFORCED or REINFORCING
DN	DOWN	REQD	REQUIRED
DO	DOWEL, DOWELS	REV.	REVISE or REVISION
DWL, DWLS	DRAWING, DRAWINGS	RFC	ROLLED STEEL JOIST
DWG, DWGS	EACH	RSJ	ROLLED STEEL JOIST
EA.	EXPANSION ANCHOR	S.A.D.	SEE ARCH. DOCUMENTS
E.A.	EACH FACE	SCHED.	SCHEDULE
E.F.	EACH SIDE	SECT.	SECTION
E.S.	EACH WAY	SHT	SHEET
E.W.	ELECTRICAL	SHTG	SHEATHING
ELEC.	ELEVATION	SIM.	SIMILAR
EL.	ELEVATOR	SL	SLOPE
ELEV.	EMBEDMENT	SMS	SHEET METAL SCREW
EMBED.	EDGE NAILING	S.O.G.	SLAB ON GRADE
E.N.	EDGE OF SLAB	SPEC.	SPECIFICATION
E.O.S.	EQUAL	SQ.	SPECIFICATIONS
EQ.	EQUIPMENT	SS	SQUARE
EQUIP.	EXPANSION JOINT	SS	STAINLESS STEEL
EV.	EVERY	STAGG.	STAGGER or STAGGERED
EXCAV.	EXCAVATION	STD	STANDARD
EXP.	EXPANSION	STIFF.	STIFFENER
EXT.	EXTERIOR	STIR.	STIRRUP or STIRRUPS
F.F.	FAR FACE	STL	STEEL
FDN	FOUNDATION	STRUC.	STRUCTURAL
FIN.	FINISH	SUBST.	SUBSTITUTE
FLR, FLRS	FLOOR, FLOORS	SUSP.	SUSPENDED
F.N.	FIELD NAILING	SYM.	SYMMETRICAL
F.O.	FACE OF	T&B	TOP AND BOTTOM
F.O.C.	FACE OF CONCRETE	T&G	TONGUE AND GROOVE
F.O.S.	FACE OF STUDS	THK	THICK
FP.	FIREPROOFING	THRD	THREADED
F.S.	FAR SIDE	THRU	THROUGH
FT	FOOT or FEET	T.O.	TOP OF
FTG, FTGS	FOOTING, FOOTINGS	T.O.CONC.	TOP OF CONCRETE
GA.	GAUGE	T.O.STL	TOP OF STEEL
GALV.	GALVANIZED	T.O.SLAB	TOP OF STRUCTURAL SLAB
GL.	GLASS or GLAZING	TR.	TREAD
GLB	GLU-LAM BEAM	TS	TUBE STEEL
GRND	GROUND	TYP.	TYPICAL
GR.	GRADE	U.O.N.	UNLESS OTHERWISE NOTED
GYP. BD.	GYP. BOARD	URM	UNREINFORCED MASONRY
H.D.G.	HOT DIPPED GALVANIZED	VERT., (V)	VERTICAL
HDR	HEADER	V.I.F.	VERIFY IN FIELD
H.P.	HIGH POINT	W or WF	WIDE FLANGE
HSB	HIGH STRENGTH BOLTS	W/	WITH
HT	HEIGHT	W/O	WITHOUT
H.T.	HOLD-DOWN	WD	WOOD
HSS	HOLLOW STRUCTURAL STEEL	W.P.	WORK POINT
HK, HKS	HOOK, HOOKS	WT	WEIGHT
HORIZ., (H)	HORIZONTAL	WWM	WELDED WIRE MESH
I.D.	INSIDE DIAMETER	X HVY.	EXTRA HEAVY
INFO.	INFORMATION	XX HVY.	DOUBLE EXTRA HVY.
JST, JSTS	JOIST, JOISTS	X STR.	EXTRA STRONG
		XX STR.	DOUBLE EXTRA STRONG