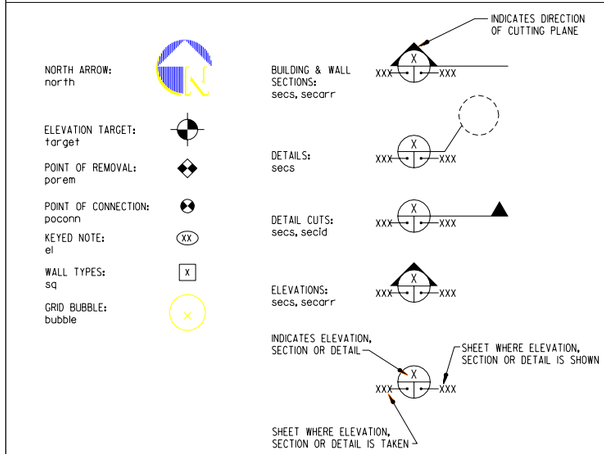
ABBREVIATIONS

ABAN	ABANDON
ABBRV	ABBREVIATION
ABV	ABOVE
ADH	ADHESIVE
ADJ	ADJACENT, ADJOINING, ADJUSTABLE
ALUM	ALUMINUM
AMP	AMPLITUDE
AHR	ANCHOR
AB	ANCHOR BOLT
&	AND
ETC	AND SO FORTH
L or ∠	ANGLE
APPD	APPROVED
APPROX	APPROXIMATE
ARCH	ARCHITECT
A/E	ARCHITECT/ENGINEER
AR	AS REQUIRED
ASSY	ASSEMBLY
@	AT, EACH AT
ATCH	ATTACH, ATTACHMENT
B/B	BACK TO BACK
BKG	BACKING
B PL	BASE PLATE
BM	BEAM
BRG	BEARING
BDNG	BEDDING
BEG	BEGINNING
BLW	BELOW
BTR	BETTER
BTWN	BETWEEN
BLKG	BLOCKING
BD	BOARD
BND	BOND
BF	BOTH FACES
BS	BOTH SIDES
BW	BOTH WAYS
BOT	BOTTOM
BC	BOTTOM CHORD
BF	BOTTOM FACE
BOB	BOTTOM OF BEAM
BOF	BOTTOM OF FOOTING
BOS	BOTTOM OF STEEL
BRCG	BRACING
BRKT	BRACKET
BRDG	BRIDGING
BLDG	BUILDING
CANTIL	CANTILEVER
CAP	CAPACITY
CIP	CAST-IN-PLACE
CLG	CEILING
CTR	CENTER
CL or ℄	CENTERLINE
C/C	CENTER TO CENTER
C	CHANNEL
CLR	CLEAR
COL	COLUMN
CLL	COLUMN LINE
COMPL	COMPLETE
CONC	CONCRETE
CMU	COMCRETE MASONARY UNIT
CONN	CONNECT
CONSTR	CONSTRUCTION
CSTJ	CONSTRUCTION JOINT
CONT	CONTINUE, CONTINUOUS
CONTR	CONTRACTOR
CJ	CONTROL JOINT
COORD	COORDINATE
CO	CUTOUT
DL	DEAD LOAD
D	DEEP, DEPTH
DFLCT	DEFLECTION
DEMO	DEMOLITION
DET	DETAIL
DIAG	DIAGONAL
DIA or Φ	DIAMETER
DIM	DIMENSION
DIR	DIRECTION
DISC	DISCONNECT, DISCONTINUE
DIST	DISTANCE
DN	DOWN
DWL	DOWEL
DWG	DRAWING
EA	EACH
EE	EACH END
EF	EACH FACE
EW	EACH WAY
EL	ELEVATION
EMBED	EMBEDMENT
ENCL	ENCLOSE, ENCLOSURE
ENGR	ENGINEER
EQ	EQUAL
EQUIP	EQUIPMENT
EQUIV	EQUIVALENT
ETC	ET CETERA
EXC	EXCAVATE
EXIST	EXISTING
EXP	EXPANSION
EJ	EXPANSION JOINT
EXT	EXTERIOR

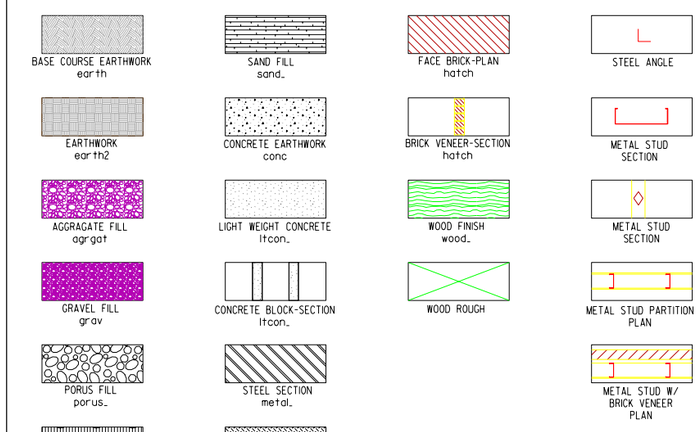
FOM	FACE OF MASONARY
FOSLB	FACE OF SLAB
FOSTD	FACE OF STUD
FOSTM	FACE OF STEM
FOW	FACE OF WALL
F/F	FACE TO FACE
FS	FAR SIDE
FT	FEET, FOOT
FLG	FLANGE
FLR	FLOOR
FTG	FOOTING
FDTN	FOUNDATION
FRMG	FRAMING
FH	FULL HEIGHT
FL	FULL LENGTH
FS	FULL SCALE, FULL SIZE
GALV	GALVANIZED
GA	GAUGE
GEN	GENERAL
GDR	GIRDER
GLU LAM	GLUE LAMINATED WOOD
GR	GRADE
GRTG	GRATING
HNDRL	HANDRAIL
HGR	HANGER
HDW	HARDWARE
HDR	HEADER
HT	HEIGHT
H	HIGH
HM	HOLLOW METAL
HORIZ	HORIZONTAL
IN	INCH
INCL	INCLUDE, INCLUDED
INFO	INFORMATION
ID	INSIDE DIAMETER
IF	INSIDE FACE
IFS	INSIDE FACE OF STUD
INSTL	INSTALL
INT	INTERIOR
INTERM	INTERMEDIATE
INTERS	INTERSECT, INTERSECTION
INV	INVERT
JT	JOINT
JST	JOIST
K	KIPS (0000 LBS)
KLF	KIPS PER LINEAL FOOT
LATL	LATERAL
LH	LEFT HAND
L	LENGTH
LT WT	LIGHT WEIGHT
LNTL	LINTEL
LL	LIVE LOAD
LD BRG	LOAD-BEARING
LOC	LOCATION
LNG	LONG
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LL B/B	LONG LEG BACK TO BACK
LONG	LONGITUDINAL
LSL	LONG SLOTS
LPT	LOW POINT
MACH	MACHINE
MB	MACHINE BOLT
MAINT	MAINTENANCE
MFD	MANUFACTURED
MFR	MANUFACTURER
MFR REC	MANUFACTURER'S RECOMMENDATION
MFG	MANUFACTURING
MAS	MASONARY
MCJ	MASONARY CONTROL JOINT
MATL	MATERIAL
MAX	MAXIMUM
MECH	MECHANICAL
MBR	MEMBER
MTL	METAL
MD	METAL DECK
METR	METAL ROOF
MIN	MINIMUM
MIRR	MIRROR
MISC	MISCELLANEOUS
MOD	MODIFY, MODIFIED
MTD	MOUNTED
MTG	MOUNTING, MEETING
NS	NEAR SIDE
NOM	NOMINAL
NA	NOT APPLICABLE
NE	NOT EXCEEDING
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
NO	NUMBER

OC	ON CENTER
OD	OUTSIDE DIAMETER
WAY	ONE-WAY
OPNG	OPENING
OPP	OPPOSITE
OPT	OPTIONAL, OPTIMUM
ORG	ORIGINAL
O/O	OUT TO OUT
OF	OUTSIDE FACE
PNL	PANEL
PART	PARTIAL
PVMT	PAVEMENT
PED	PEDESTAL
PEN	PENETRATE
PERIM	PERIMETER
PLC	PLACE
PL or ℙ	PLATE
PLBG	PLUMBING
PLYWD	PLYWOOD
PT	POINT
LB	POUND
PRCST	PRECAST
PCC	PRECAST CONCRETE
PREFAB	PREFABRICATE
PREF	PREFERENCE
QUAL	QUALITY
QTY	QUANTITY
R	RADIUS
RTG	RATING
REF	REFERENCE
REG	REGULAR, REGULATION
REINF	REINFORCEMENT, REINFORCE
REPL	REPLACE
REQD	REQUIRED
RET	RETURN
RH	RIGHT HAND
RF	ROOF
RH	ROOF HATCH
RFG	ROOFING
RO	ROUGH OPENING
SDL	SADDLE
SLNT	SEALANT
SECT	SECTION
SHT	SHEET
SIM	SIMILAR
SGL	SINGLE
SC	SOLID CORE
SPG	SPACING
SPEC	SPECIFICATION
SQ	SQUARE
STAG	STAGGERED
STD	STANDARD
STL	STEEL
STIF	STIFFENER
STRUCT	STRUCTURAL
SUB	SUBSTITUTE
SBSTR	SUBSTRATE
SPLY	SUPPLY
SPRT	SUPPORT
SURF	SURFACE
SUSP	SUSPEND, SUSPENDED
SYMM	SYMMETRICAL
SYS	SYSTEM
THK	THICK, THICKNESS
THD	THREAD
TOL	TOLERANCE
T	TOP
T&B	TOP AND BOTTOM
TOB	TOP OF BEAM
TOC	TOP OF CONCRETE
TOF	TOP OF FOOTING
TOJ	TOP OF JOIST
TOM	TOP OF MASONARY
TOS	TOP OF SLAB, TOP OF STEEL
TOW	TOP OF WALL
TL	TOTAL LOAD
TRNSV	TRANSVERSE
TS	TUBE STEEL
TYP	TYPICAL
VAR	VARIES
VRFY	VERIFY
VIF	VERIFY IN FIELD
VERT	VERTICAL
WT	WEIGHT
WLD	WELD, WELDED
WWF	WELDED WIRE FABRIC
WWM	WELDED WIRE MESH
W	WIDE, WIDTH
WF	WIDE FLANGE
W/	WITH
W/O	WITHOUT
WD	WOOD
WP	WORKING POINT
WBL	WOOD BLOCKING
WFS	WOOD FURRING STRIPS

GRAPHIC SYMBOLS



MATERIAL SYMBOL LEGEND



NOT TO SCALE

P.O. PROJECT NO.	REV	DATE	DESCRIPTION	DWN	CKD	APP
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	△					
	△	4/1/03	UPDATE	ELG	FCL	

U.S. DEPARTMENT OF ENERGY

KIRTLAND AREA OFFICE — ALBUQUERQUE, NEW MEXICO

SANDIA NATIONAL LABORATORIES

STRUCTURAL STANDARD SYMBOLS

P.O.	
PROJECT NO.	
DRAWN BY	D. CHALL
CHECKED BY	
SNL ENGR	
DATE	9-16-02

STRUCTURAL — STANDARD

SIZE D+ — DRAWING NO S-0001STD — SEQ.

MICROSTATION FILE

FILE NAME: S-0001STD

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