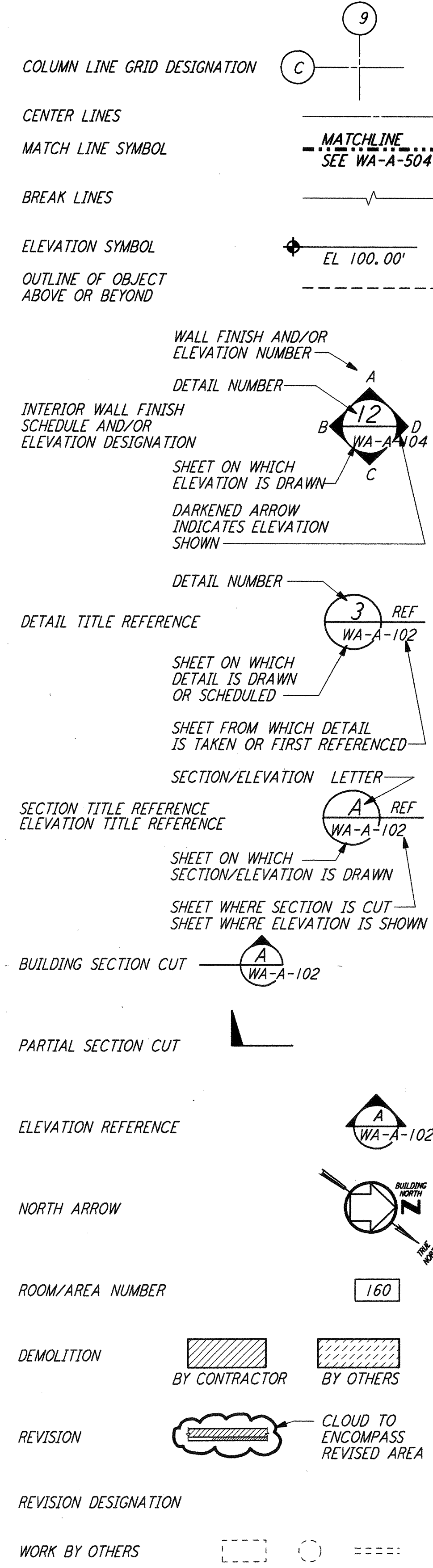
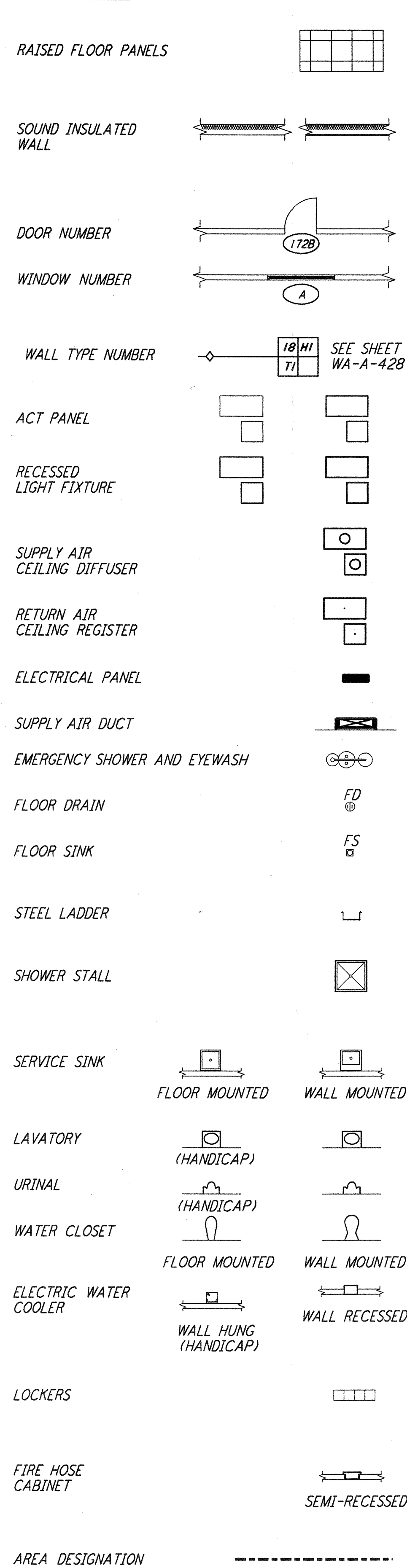


### ARCHITECTURAL LEGEND

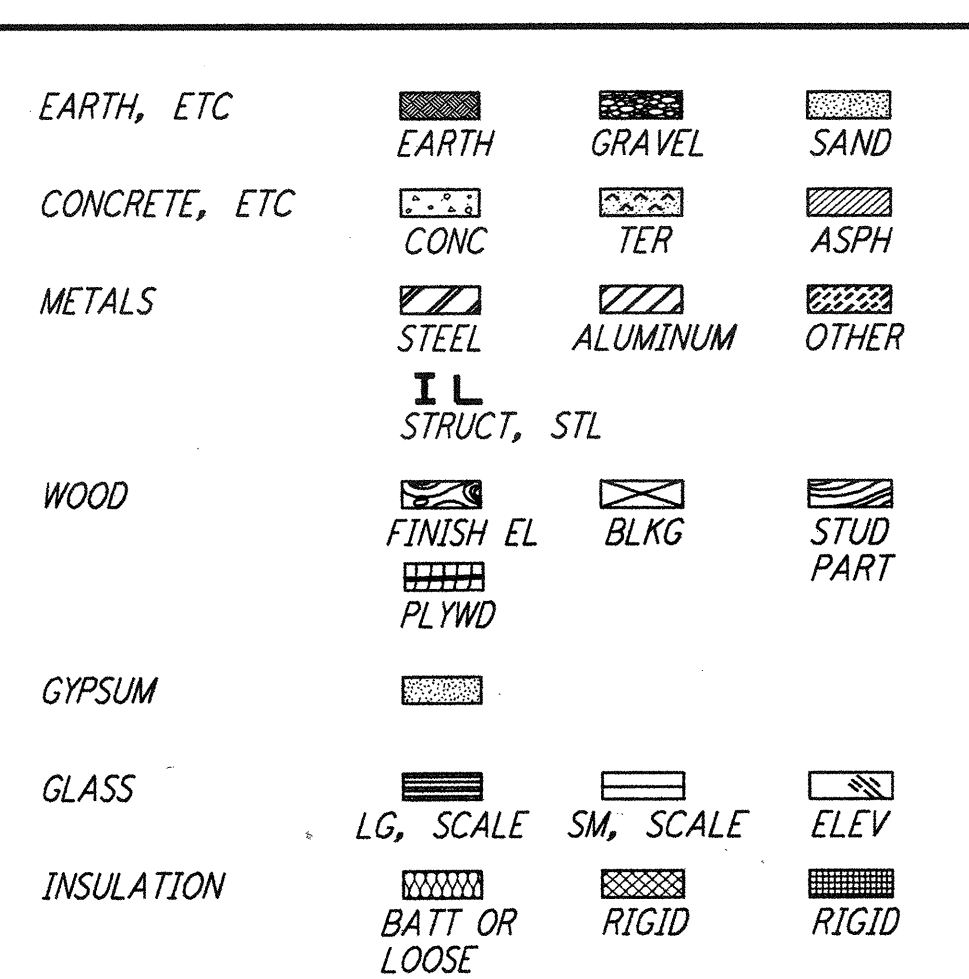
#### REFERENCE



#### SYMBOLS



#### DETAIL SYMBOLS



### ABBREVIATIONS

**A**

A/C AIR CONDITIONING

AB ANCHOR BOLT

ABV ABOVE

AC ASPHALT CONCRETE

ACT ACOUSTICAL TILE CEILING

AOH ADHESIVE

ADJ ADJACENT, ADJUSTABLE

AFF ABOVE FINISHED FLOOR

AHU AIR HANDLING UNIT

AISC AMERICAN INSTITUTE OF STEEL CONSTRUCTION

AISI AMERICAN IRON AND STEEL INSTITUTE

AL ALUMINUM

ALT ALTERNATE

ANCH ANCHOR

ANSI AMERICAN NATIONAL STANDARDS INSTITUTE

APPROX APPROXIMATELY

ARCH ARCHITECT, ARCHITECTURAL

ASME AMERICAN SOCIETY OF MECHANICAL ENGINEERS

ASPH ASPHALT

ASSY ASSEMBLY

ASTM AMERICAN SOCIETY FOR TESTING AND MATERIALS

AUTO AUTOMATIC, AUTOMATION

AUX AUXILIARY

AVG AVERAGE

**B**

BATT BATTEN

BC BOTTOM OF CURB, BEGIN CURVE

BOARD BOARD

BL BUILDING LINE

BLDG BUILDING

BLK BLOCK

BLKG BLOCKING

BM BEAM, BENCH MARK

BOC BOTTOM OF CONDUIT

BOCA BUILDING OFFICIALS & CODE ADMINISTRATION

BOD BOTTOM OF DUCT

BOF BOTTOM OF FOOTING

BOP BOTTOM OF PIPE

BOS BOTTOM OF STEEL

BOT BOTTOM

BR BROWN

BRG BEARING

BRKT BRACKET

BSMT BASEMENT

BTW BETWEEN

**C**

\*C DEGREES CELSIUS

C COMMUNICATION DUCT OR LINE

C/C CENTER TO CENTER

CAB CABINET

CAP CAPACITY

CB CATCH BASIN

CF CUBIC FOOT/FEET

CHKD CHECKED

CI CURB INLET, CAST IRON

CJ CONSTRUCTION JOINT

CL CENTERLINE

CLG CEILING

CLJ CONTROL JOINT

CLO CLOSET

CLR CLEAR

CMU CONCRETE MASONRY UNIT

CO CLEANOUT, COMPANY

COL COLUMN

COMM COMMUNICATIONS

CONC CONCRETE

CONN CONNECTION

CONSTR CONSTRUCTION

CONT CONTINUE, CONTINUATION, CONTINUOUS

CONTR CONTRACTOR

CP CONTROL PANEL

CPT CARPET

CR COLD ROLLED

CSK COUNTERSINK

CT CERAMIC TILE

CTR CENTER

CU FT CUBIC FOOT/FEET

CU YD CUBIC YARD(S)

CY CUBIC YARD(S)

**D**

DB DECIBEL

DBL DOUBLE

DEG DEGREE

DET DETAIL

DF DRINKING FOUNTAIN

DIA DIAMETER

DIAG DIAGONAL

DIM DIMENSION

DISCH DISCHARGE

DISTR DISTRIBUTION

DN DOWN

DR DOOR, DRAIN

DS DOWNSPOUT

DTL DETAIL

DWG DRAWING

DWGS DRAWINGS

**E**

E EAST

EA EACH

EF EACH FACE

EFF EFFICIENCY

EJ EXPANSION JOINT

ELEV ELEVATION

ELEC ELECTRICAL

EMERG EMERGENCY

ENCL ENCLOSURE

ENT ENTERING

ENTR ENTRANCE

EQ EQUAL

EQUIP EQUIPMENT

EST ESTIMATE

ET ELECTRICAL HEAT TRACE

ETC ETCETERA

EW EACH WAY

EWX ELECTRIC WATER COOLER

EWH EXISTING

EXIST EXISTING

EXP EXPOSED, EXPANSION

EXT EXTERIOR, EXTERNAL

**F**

\*F DEGREES FAHRENHEIT

F TO F FACE TO FACE

FA FIRE ALARM

FD FLOOR DRAIN

FDN FOUNDATION

FE FIRE EXTINGUISHER

FEC FIRE EXTINGUISHER CABINET

FF FINISH FLOOR

FFE FINISHED FLOOR ELEVATION

FG FINISHED GRADE

FHC FIRE HOSE CABINET

FH FIRE HYDRANT

FIN FINISH

FLG FLANGE

FLMT FLUSH MOUNT

FLR FLOOR

FLUOR FLUORESCENT

FM FACTORY MUTUAL

FOC FACE OF CONCRETE

FOG FACE OF GIRT

FOS FACE OF STUD

FOW FACE OF WALL

FP FIREPROOF, FIREPROOFED

FR FROM, FIRE RATED

FRP FIBERGLAS REINFORCED PANEL

FS FAR SIDE, FLOOR SINK, FLOW SWITCH

FT FOOT, FEET

FTG FOOTING, FITTING

FUT FUTURE

FVC FIRE VALVE CABINET

FW FIELD WELD

FWD FORWARD

**G**

G GREEN, GUTTER

GA GAUGE

GAL GALLON

GALV GALVANIZED

GB GRADE BEAM, GRAB BAR

GEN GENERAL, GENERATOR

GI GALVANIZED IRON

GL GLASS, GLAZING

GND GROUND

GOVT GOVERNMENT

GR GRADE

GRTG GRATING

GWB GYPSUM WALLBOARD

GYP GYPSUM

**H**

HC HANDICAPPED ACCESSIBLE

HD HEAD

HDNR HARDENER

HDR HEADER

HDW HARDWARE

HDWD HARDWOOD

HM HOLLOW METAL

HORIZ HORIZONTAL

HP HORSEPOWER, HIGH POINT

HR HOUR

HT HEIGHT

HTD HAND TOWEL DISPENSER

HVAC HEATING, VENTILATING, AND AIR CONDITIONING

**I**

ID INSIDE DIAMETER

IE INVERT ELEVATION

IF INSIDE FACE

IN INCH

INCL INCLUDE

INST INSTANTANEOUS

INSTR INSTRUMENT

INSUL INSULATE, INSULATION, INSULATED

INT INTERIOR

**J**

JAN JANITOR

JC JANITOR CLOSET

JCT JUNCTION

JST JOIST

JT JOINT

**K**

K KIP

**L**

L LENGTH

LAB LABORATORY

LAT LATERAL

LAV LAVATORY

LF LINEAR FEET

LG LARGE

LH LEFT HAND

LLH LONG LEG HORIZONTAL

LLV LONG LEG VERTICAL

LONG LONGITUDINAL

LP LOW POINT

LTG LIGHTING

LVR LOUVER

LVEA LASER VACUUM EQUIPMENT AREA

**M**

MAINT MAINTENANCE

MATL MATERIAL

MAX MAXIMUM

MB MACHINE BOLT

MCC MOTOR CONTROL CENTER

MECH MECHANICAL

MED MEDIUM

MEMB MEMBRANE

MFR MANUFACTURER

MET METAL

MH MANHOLE

MIN MINIMUM, MINUTE

MISC MISCELLANEOUS

MOD MODIFY, MODIFICATION

MPH MILES PER HOUR

MTD MOUNTED

MULL MULLION

**N**

NIC NOT IN CONTRACT

NOM NOMINAL

**O**

O ORANGE

OA OVERALL

OC ON CENTER

OD OUTSIDE DIAMETER/OVERFLOW DRAIN

OF OUTSIDE FACE

OH OPPOSITE HAND

OPNG OPENING

OPP OPPOSITE

ORD OVERFLOW ROOF DRAIN

OSB OPERATIONAL SUPPORT BUILDING

**P**

PA PUBLIC ADDRESS

PART BD PARTICLE BOARD

PB PUSHBUTTON

PC PROTECTIVE COATING

PCC PORTLAND CEMENT CONCRETE

PCF POUNDS PER CUBIC FOOT

PH PHASE

PI POINT OF INTERSECTION

PL PROPERTY LINE, PLATE

PLBG PLUMBING

PLCS PLACES

PLYWD PLYWOOD

PNL PANEL

POS POSITIVE, POSITION

PSF POUNDS PER SQUARE FOOT

PSI POUNDS PER SQUARE INCH

PTN PARTITION

PVC POLYVINYL CHLORIDE,

PVMT PAVEMENT

**O**

QT QUARRY TILE

QTY QUANTITY

**R**

R RED, RISER, RADIUS

RCP REINFORCED CONCRETE PIPE

RD ROOF DRAIN

RDR RADIA TOR

REBAR REINFORCING STEEL BAR

REF REFERENCE

REFR REFRIGERATOR

REIN REINFORCEMENT, REINFORCED

REQD REQUIRED

REV REVISION

RH RIGHT HAND

RM ROOM

RO ROUGH OPENING

ROW RIGHT OF WAY

RVS REVERSE

**S**

S SOUTH

SAP SOUND ABSORBING PANEL

SCHED SCHEDULE

SCHM SCHEMATIC

SECT SECTION

SEP SEPARATOR

SGL SINGLE

SHT SHEET

SIM SIMILAR

SPEC SPECIFICATIONS

SPKR SPEAKER

SO SQUARE

SO FT SQUARE FOOT/FEET

SS SANITARY SEWER/SERVICE SINK

SST STAINLESS STEEL

STD STANDARD

STIF STIFFENER

STL STEEL

STOR STORAGE

STRD STRANDED

STRUCT STRUCTURAL

SURF SURFACE

SUSP SUSPENDED

SYM SYMMETRICAL

SYS SYSTEM

**T**

T TREAD, TANGENT DISTANCE

T&B TOP AND BOTTOM

T&G TONGUE AND GROOVE

TBD TO BE DETERMINED

TC TOP OF CURB

TEL TELEPHONE

TEMP TEMPERATURE, TEMPORARY

TER TERRAZZO

THK THICK THICKNESS

TOC TOP OF CONCRETE

TOD TOP OF DUCT

TOS TOP OF STEEL

TOW TOP OF WALL

TPD TOP OF PAVEMENT

TS TUBE STEEL

TYP TYPICAL

**U**

UBC UNIFORM BUILDING CODE

UC UNDERCUT

UG UNDERGROUND

UL UNDERWRITERS LABORATORIES

UON UNLESS OTHERWISE NOTED

UPC UNIFORM PLUMBING CODE

UPS UNINTERRUPTIBLE POWER SUPPLY

UR URINAL

UTIL UTILITY

**V**

VB VINYL BASE

VBT VINYL BASE AND TRIM

VC VERTICAL CURVE

VCT VINYL COMPOSITION TILE

VEL VELOCITY

VERT VERTICAL

VIF VERIFY IN FIELD

**W**

W WITH

W/O WITHOUT

WC WATER CLOSET

WCP WALL AND CEILING PAINT

WD WOOD

WH WATER HEATER, WALL HYDRANT

WO WINDOW OPENING

WP WATERPROOF, WORKING POINT

WR WATER RESISTANT

WSCT WAJNSCOT

WT WEIGHT

WWF WELDED WIRE FABRIC

**Y**

Y YELLOW

**MISCELLANEOUS**

# NUMBER, POUNDS

& AND

@ AT

⊕ CENTERLINE

' FEET OR MINUTES

" INCHES OR SECONDS

° DEGREES

∅ DIAMETER, ROUND

LIGO-D960245-01-O

NO.	DATE	BY	CHKD	ENGR	PROJ	DESCRIPTION
1	5-15-98	CKT	WAL	WAL	MDW	ISSUED FOR AS-BUILT

ISSUED FOR CONSTRUCTION			
DRAWN	CKT	5-12-96	
CHECKED	WJ	5-26-96	
ENGINEER	bkk	7-12-96	
PROJ	MDW	7-12-96	

**AS-BUILT DRAWINGS**

REVISIONS					
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100 WEST WALNUT STREET  
PASADENA, CALIFORNIA

CALIFORNIA INSTITUTE OF TECHNOLOGY  
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

LASER INTERFEROMETER  
GRAVITATIONAL-WAVE OBSERVATORY  
SITE NO. 1 - HANFORD, WASHINGTON

TITLE	SCALE	COORDINATE NUMBER	PROJECT NUMBER
ARCHITECTURAL LEGEND, SYMBOLS & ABBREVIATIONS	NONE	PP150969	8094
SHEET NUMBER		REVISIONS	
WA - A - 001			