ARCHITECTURAL LEGEND

REFERENCE

COLUMN LINE GRID DESIGNATION

CENTER LINES

MATCH LINE SYMBOL — MATCHLINE SEE LA-A-104

BREAK LINES

ELEVATION SYMBOL — EL 00.00'

OUTLINE OF OBJECT ABOVE OR BEYOND

WALL FINISH AND/OR ELEVATION NUMBER

DETAIL NUMBER

INTERIOR WALL FINISH SCHEDULE AND/OR ELEVATION DESIGNATION

SHEET ON WHICH ELEVATION IS DRAWN

DARKENED ARROW INDICATES ELEVATION SHOWN

DETAIL NUMBER

DETAIL TITLE REFERENCE

SHEET ON WHICH DETAIL IS DRAWN OR SCHEDULED

SHEET FROM WHICH DETAIL IS TAKEN OR FIRST REFERENCED

SECTION/ELEVATION LETTER

SECTION TITLE REFERENCE
ELEVATION TITLE REFERENCE

SHEET ON WHICH SECTION/ELEVATION IS DRAWN

SHEET WHERE SECTION IS CUT
SHEET WHERE ELEVATION IS SHOWN

BUILDING SECTION CUT

PARTIAL SECTION CUT

ELEVATION REFERENCE

NORTH ARROW — BUILDING NORTH / TRUE NORTH

ROOM/AREA NUMBER — 160

DEMOLITION — BY CONTRACTOR / BY OTHERS

REVISION — CLOUD TO ENCOMPASS REVISED AREA

REVISION DESIGNATION

WORK BY OTHERS

SYMBOLS

SOUND INSULATED WALL

RAISED FLOOR PANELS

DOOR NUMBER — 1728

WINDOW NUMBER — A

WALL TYPE NUMBER — 18 H1 / 77 — SEE SHEET LA-A-428

ACT PANEL

RECESSED LIGHT FIXTURE

SUPPLY AIR FILTER PANEL

RETURN AIR CEILING REGISTER

CEILING DIFFUSER

ELECTRICAL PANEL

SUPPLY AIR DUCT

EMERGENCY SHOWER AND EYEWASH

FLOOR DRAIN — FD

FLOOR SINK — FS

FLOOR HATCH

STEEL LADDER

SHOWER STALL

SERVICE SINK — FLOOR MOUNTED / WALL MOUNTED

LAVATORY — (HANDICAP)

URINAL — (HANDICAP)

WATER CLOSET — FLOOR MOUNTED / WALL MOUNTED

ELECTRIC WATER COOLER — WALL HUNG (HANDICAP) / WALL RECESSED

LOCKERS

FIRE HOSE CABINET — SEMI-RECESSED

AREA DESIGNATION

DETAIL SYMBOLS

EARTH, ETC — EARTH / GRAVEL / SAND

CONCRETE, ETC — CONC / TER / ASPH

METALS — STEEL / ALUMINUM / OTHER — I L STRUCT, STL

WOOD — FINISH EL / BLKG / STUD PART — PLYWD

GYPSUM

GLASS — LG, SCALE / SM, SCALE / ELEV

INSULATION — BATT OR LOOSE / RIGID / RIGID

ABBREVIATIONS

A

A/C	AIR CONDITIONING
AB	ANCHOR BOLT
ABV	ABOVE
AC	ASPHALT CONCRETE
ACT	ACOUSTICAL TILE CEILING
ADH	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
BD	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	CHECKERED
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
DFP	DOOR AND FRAME PAINT
DIA	DIAMETER
DIAG	DIAGONAL
DIM	DIMENSION
DISCH	DISCHARGE
DISTR	DISTRIBUTION
DN	DOWN
DO	DITTO
DR	DOOR, DRAIN
DS	DOWNSPOUT
DTL	DETAIL
DWG	DRAWING
DWGS	DRAWINGS

E

E	EAST
EA	EACH
EF	EACH FACE
EFF	EFFICIENCY
EJ	EXPANSION JOINT
EL	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
EWC	ELECTRIC WATER COOLER
EWH	ELECTRIC WATER HEATER
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	
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
NTS	NOT TO SCALE

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

Q

QT	QUARRY TILE
QTY	QUANTITY

R

R	RED, RISER, RADIUS
RCP	REINFORCED CONCRETE PIPE
RD	ROOF DRAIN
RDTR	RADIATOR
REBAR	REINFORCING STEEL BAR
REF	REFERENCE
REFER	REFRIGERATOR
REINF	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
SCHEM	SCHEMATIC
SECT	SECTION
SEP	SEPARATOR
SGL	SINGLE
SHT	SHEET
SIM	SIMILAR
SPEC	SPECIFICATIONS
SPKR	SPEAKER
SQ	SQUARE
SQ 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
VEST	VESTIBULE
VGWB	VINYL SURFACED GYPSUM WALLBOARD
VIF	VERIFY IN FIELD
VTR	VENT THROUGH ROOF
VWC	VINYL WALL COVERING

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	WAINSCOT
WT	WEIGHT
WWF	WELDED WIRE FABRIC

Y

Y	YELLOW

MISCELLANEOUS

#	NUMBER, POUNDS
&	AND
@	AT
△	CENTRAL ANGLE OF CURVE
℄	CENTERLINE
'	FEET OR MINUTES
"	INCHES OR SECONDS
°	DEGREES
Ø	DIAMETER, ROUND

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REFERENCES

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AS-BUILT DRAWINGS

PARSONS
100 WEST WALNUT STREET
PASADENA, CALIFORNIA

LIGO
CALIFORNIA INSTITUTE OF TECHNOLOGY
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

LASER INTERFEROMETER GRAVITATIONAL-WAVE OBSERVATORY
SITE NO. 2 - LIVINGSTON, LOUISIANA

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