capitol restoration collaborative

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A

A	AIR
A/C	AIR CONDITIONING
A/E	ARCHITECT ENGINEER
AB	ANCHOR BOLT
ABV	ABOVE
ACC	ACCESS(IBLE) (ORIES)
ACOUS	ACOUSTICAL
ACS	AUTOMATIC CONTROL SYSTEM
ADD	ADDENDUM
ADDL	ADDITIONAL
ADH	ADHESIVE
ADJ	ADJUSTABLE
ADJC	ADJACENT
AES	ARCHITECTURALLY EXPOSED FABRICATION STEEL
AESS	ARCHITECTURALLY EXPOSED STRUCTURAL STEEL
AFF	ABOVE FINISH FLOOR
AL	ALUMINUM
ALT	ALTERNATE
ANC	ANCHOR(AGE)
ANOD	ANODIZED
APPROX	APPROXIMATE(LY)
ARCH	ARCHITECT(URAL)
AUTO	AUTOMATIC
AV	AUDIO VISUAL
AVG	AVERAGE

B

BD	BOARD
BEL	BELOW
BFE	BOTTOM OF FOOTING ELEVATION
BLDG	BUILDING
BLE	BRICK LEDGE ELEVATION
BLKG	BLOCKING
BM	BEAM
BOT	BOTTOM
BR	BACKER ROD
BRDG	BRIDGING
BPG	BEARING
BRKT	BRACKET
BTW	BETWEEN
BW	BOTH WAYS

C

C	AMERICAN STD CHANNEL (STRUC SHAPE)
C/C	CENTER TO CENTER
CAB	CABINET
CCTV	CLOSED CIRCUIT TELEVISION
CEN	CENTER(ING) (TRAL)
CHAM	CHAMFER
CIP	CAST IN PLACE
CIR	CIRCLE
CJ	CONTROL/CONSTRUCTION JOINT
CJP	COMPLETE JOINT PENETRATION
CL	CENTER LINE
CLG	CEILING
CLO	CLOSET
CLR	CLEAR(ANCE)
CNR	CORNER
CNTR	COUNTER
COL	COLUMN
COMB	COMBINATION
COMP	COMPOSITE
COMPU	COMPUTER
CONC	CONCRETE
COND	CONDITION
CONN	CONNECTION
CONST	CONSTRUCTION
CONT	CONTINUE(D (OUS)) (ATION)
CONTR	CONTRACT(OR)
COP	COPING
CORR	CORRIDOR
CP	CONSTRUCTION PACKAGE
CPU	CENTRAL PROCESSING UNIT
CRS	COURSE(S)
CS	CLINICAL SINK
CSK	COUNTER (SINK) (SUNK)
CUH	CABINET UNIT HEATER

D

D	DATA OUTLET
D	DEEP, DEPTH
D & E	DRILL AND EPOXY GROUT
DBA	DEFORMED BEARING
ELEVATION	
DBE	DECK BEARING
ELEVATION	
DBL	DOUBLE
DEG	DEGREE(S)
DEMO	DEMO(LISH) (LITION)
DEPT	DEPARTMENT
DET	DETAIL
DF	DRINKING FOUNTAIN
DIA	DIAMETER
DIAG	DIAGONAL
DIF	DIFFERENC(E) (TIAL)
DIFF	DIFFUSER
DIM	DIMENSION
DIST	DISTRIBUT(E) (ION)
DIV	DIV(IDE) (DED) (DER) (SION)
DJ	DEFLECTION JOINT
DL	DEAD LOAD
DN	DOWN
DO	DITTO
DOC	DOCUMENT(S)
DR	DOOR
DS	DOWNSPOUT
DWG(S)	DRAWING(S)
DWL	DOWEL (REBAR)

E

E	EAST, EASTING
EA	EACH
EF	EACH FACE
EHD	ELECTRICA HAND DRYER
EJ	EXPANSION JOINT
EL	ELEVATION
ELEC	ELECTRIC (AL)
EMER	EMERGENCY
ENCL	ENCLOS(E(ED)(URE)
ENGR	ENGINEER(S)
ENTR	ENTRANCE
(E)	EXISTING
EQ	EQUAL
EQUIP	EQUIPMENT
ES	EACH SIDE
EW	EACH WAY
EWC	ELECTRIC WATER COOLER
EX	EXAMPLE
EXC	EXCAVAT(E) (ED) (ION)
ESCL	EXCLUD(E) (ED) (ING)
EXCP	EXCEPT
EXIST	EXISTING
EXH	EXHAUST
EXP	EXPAN(D) (SION)
EXT	EXTERIOR

F

F	FARENHEIT
F/F	FACE TO FACE
FA	FIRE ALARM
FAB	FABRICAT(E) (ED) (OR)
FAS	FASTEN(ED) (ER)
FC(S)	FACE(S)
FD	FLOOR DRAIN
FDN	FOUNDATION
FDV	FIRE DEPARTMENT VALVE
FF	FINISH FLOOR
FFE	FINISH FLOOR ELEVATION
FGL	FIBERGLASS
FLASH	FLASHING
FLEX	FLEXIBLE
FLR	FLOOR(ING)
FLTL	FIXED LINTEL
FOW	FACE OF WALL
FR	FRAME
FS	FAR SIDE
FS	FOOTING STEP
FT	FOOT, FEET
FTG	FOOTING
FTG	FINNED TUBE RADIATION
FURG	FURRING

G

GA	GAUGE
GAL	GALLON
GALV	GALVANZED
GC	GENERAL CONTRACTOR
GENL	GENERAL
GFI	GROUND FAULT CIRCUIT INTERRUPTER
GLB	GLUE LAMINATED BEAM
GND	GROUND
GR	GRADE
GRL	GRILLE
GRV	GAVITY ROOF
VENTILATOR	
GSKT	GASKET

H

H	HIGH, HEIGHT
HB	HOSE BIB
HD	HEAD
HD	HEAVY DUTY
HDR	HEADER
HDWD	HARDWOOD
HDWE	HARDWARE
HM	HOLLOW METAL
HO	HOLD OPEN
HORIZ	HORIZONTAL
HPT	HIGH POINT
HR	HANDRAIL(S)
	HOUR
HSS	HOLLOW STRUCTURAL SECTION (STRUC SHAPE)
HTG	HEATING
HTR	HEATER
HVAC	HEATING VENTILATING AND AIR CONDITIONING

I

ID	INSIDE DIAMETER/DIMENSION
IF	INSIDE FACE
IN	INCH(ES)
INCL	INCLU(DE) (DING) (SIVE)
INFO	INFORMATION
INSUL	INSULAT(E) (ED) (ION)
INT	INTERIOR

J

JBE	JOIST BEARING ELEVATION
JC	JANITOR CLOSET
JS	JANITOR'S SINK
JST	JOIST
JT	JOINT

K

K	KIP (1000
POUNDS)	
KIT	KITCHEN
KO	KNOCK OUT
KP	KNEE
SPACE	
KYBD	KEYBOARD

L

L	ANGLE (STRUC
SHAPE)	
L	LONG, LENGTH
LAM	LAMINAT(E) (ED) (ION)
LAV	LAVATORY
LB	POUND
LF	LINEAL FOOT, FEET
LL	LIVE LOAD
LLH	LONG LEG HORIZONTAL
LLTL	LOOSE LINTEL
LLV	LONG LEG VERTICAL
LOC	LOCAT(E) (ION)
LONG	LONGITUDINAL(LY)
LPT	LOW POINT
LT	LIGHT
LTG	LIGHTING
LTL	LINTEL
LVL	LEVEL
LW	LIGHTWEIGHT

M

MAS	MASONRY
MATL	MATERIAL
MAX	MAXIMUM
MBR	MEMBER
MC	MISCELLANEOUS CHANNEL (STRUC SHAPE)
MECH	MECHANICAL(LY)
MED	MEDIUM
MEMB	MEMBRANE
MET	METAL
MEZZ	MEZZANINE
MFD	MANUFACTURED
MFR	MANUFACTURER
MGR	MANAGER
MIN	MINIMUM
MIN	MINUTE
MISC	MISCELLANEOUS
MO	MASONRY OPENING
MON	MONITOR
MOR	MORTAR
MT(D)	MOUNT(ED)
MUL	MULLION
MWO	MICROWAVE OVEN

N

(N)	NEW
N	NITROGEN
N	NORTH, NORTHING
N/A	NOT APPLICABLE
NECRY	NECESSARY
NIC	NOT IN CONTRACT
NO	NUMBER
NO2	NITROUS OXIDE
NOM	NOMINAL
NRC	NOISE REDUCTION
COEFFICIENT	
NS	NEAR SIDE
NSG	NON-SHRINK GROUT
NTS	NOT TO SCALE
NW	NORMAL WEIGHT

O

O	OXYGEN
OA	OVERALL
OC	ON CENTER
OD	OUTSIDE DIAMETER/DIMENSION
OF	OUTSIDE FACE
OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED
CFVI	OWNER FURNISHED, VENDOR INSTALLED
OH	OVERHEAD
OPG	OPENING
OPP	OPPOSITE
OPT	OPTION(AL)
OS	OVERFLOW SCUPPER

P

PA	PUBLIC ADDRESS
PAR	PARALLEL
PB	PANIC BAR
PB	PUSH BUTTON
PR(S)	PIECE(S)
PCF	POUNDS PER CUBIC FOOT
PERF	PERFORAT(ED)
PERIM	PERIMETER
PERM	PERMANENT(LY)
PFB	PREFABRICATE(D)
PFN	PREFINISH (ED)
PL	PLATE
PL	PROPERTY LINE
PLF	POUNDS PER LINEAL FOOT
PNL	PANEL
POL	POLISH(ED)
PR	PAIR
PROJ	PROJECT(ION) (OR)
PROP	PROPERTY
PRV	POWER ROOF VENTILATOR
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PT	POINT
PT	POST TENSION(ED) (ING)
PTD	PAINTED
PTN	PARTITION
PTS	PNEUMATIC TUBE STATION

Q

QTY	QUANTITY

R

R	RADIUS, RADII
R	RISER
R AND R	REMOV(ED) AND REPLACE(D)
RA	RETURN AIR
RCP	REFLECTED CEILING PLAN
RD	ROOF DRAIN
REC	RECOMMEND(ED)
REF	REFERENCE)
REFR	REFRIGERAT(OR) (ED)
REG	REGISTER
REINF	REINFORC(E) (ED) (ING)
(EMENT)	
REM	REMOV(E) (ED) (ABLE)
REQD	REQUIRE(D)
REQM	REQUIREMENT(S)
RET	RETURN(ED)
REV	REVISE(D) (ED) (ION)
RM	ROOM
RO	ROUGH OPENING
RVS	REVERSE(D)
RWL	RAIN WATER LEADER

S

S	SHAPE (STRUC
SHAPE)	
S	SOUTH SOUTHING
SA	SUPPLY AIR
SBLK	SANDBLASH BLOCK
SCHED	SCHEDULE
SECT	SECTION
SF	SQUARE
FOOT/FEET	
SHR	SHOWER
SHT	SHEET(ING)
SHTG	SHEATING
SIM	SIMILAR
SKLT	SKYLIGHT(S)
SL(R)	SEAL(ER)
SMS	SHEET METAL SCREWS
SOG	SLAB ON GRADE
SP(S)	SPACE(S)
SPEC(S)	SPECIFICATION(S)
SPKR	SPEAKER
SQ	SQUARE
SRCJ	SPECIALLY ROUGHENED CONSTR
JT	
SS	STAINLESS STEEL
STC	SOUND TRANSMISSION CLASS
STD	STANDARD
STIF	STIFFENER
STL	STEEL
STOR	STORAGE
STRUC	STRUCTUR(E) (AL)
SUSP	SUSPEN(D) (DED) (SION)
SW	SWITCH
SYM	SYMMETR(Y) (ICAL)
SYS	SYSTEM(S)

T

T	THERMOSTAT
T	TOILET
T	TREAD
T & B	TOP AND BOTTOM
T & G	TONGUE AND GROOVE
T/D	TELEPHONE DATA OUTLET
TBE	TOP OF BEAM ELEVATION
TCE	TOP OF PILE CAP (CAISSON) ELEVATION
TD	TRENCH DRAIN
TDE	TOP OF DECK ELEVATION
TEL	TELEPHONE
TEMP	TEMPERATURE
TEMP	TEMPORARY
TERM	TERMINAL) (TE) (TION)
TFE	TOP OF FOOTING ELEVATION
THK	THICK(NESS)
THR	THRESHOLD
TJE	TOP OF JOIST ELEVATION
TLE	TOP OF LEDGE ELEVATION
TME	TOP OF MASONRY ELEVATION
TMP	TEMPERED
TPE	TOP OF PIER ELEVATION
TRANS	TRANSOM
TRANS	TRANSITION
TRANSL	TRANSLUCENT
TRANSP	TRANSPARENT
TRANSV	TRANSVERSE
TS	TOUCHABLE SURFACE
TS	TALL STORAGE
TSE	TOP OF SLAB ELEVATION
TV	TELEVISION
TWE	TOP OF WALL ELEVATION
TYP	TYPICAL

U

UC	UNDER CABINET
UG	UNDERGROUND
UNFIN	UNFINISHED
UNO	UNLESS NOTED OTHEWISE
UR	URINAL
UTIL	UTILITY
UV	ULTRAVIOLET

V

V	VALVE
V	VENT
VAC	VACUUM
VAR	VARY(IES) (IATION)
VBRI	VIEW BOX ROUGH IN
VEN	VENEER
VENT	VENTILAT(ION) (OR)
VERT	VERTICAL
VEST	VESTIBULE
VIF	VERIFY IN FIELD
VOL	VOLUME
VP	VENEER PLASTER
VSL	VACUUM BOTTLE
SLIDE	

W

W	W SHAPE (STRUC SHAPE)
W	WEST, WESTING
W	WIDE, WIDTH
W/	WITH
W/O	WITHOUT
WC	WALL CABINET
WC	WATER CLOSET
WD	WOOD
WH	WALL HYDRANT
WH	WATER HEATER
WL	WIND LOAD
WP	WATERPROOF
WPT	WORK(ING) POINT
WSCT	WAINSCOT
WSG	WEATHERSTRIPPING
WT	STRUCTURAL TEE (STRUC SHAPE)
WT	WEIGHT
WWF	WELDED WIRE FABRIC

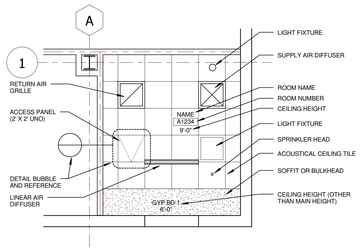
X

XP(D)	EXPOSE(D)

SPECIAL SYMBOLS

@	AT	⊥	PERPENDICULAR
℄	CENTERLINE	#	NUMBER
Ø	DIAMETER	/	PER

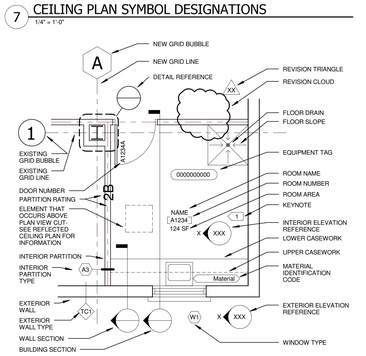
4 ARCHITECTURAL ABBREVIATIONS
1 : 1



OTHER CEILING PLAN SYMBOL DESIGNATIONS

	RECESSED CAN DOWNLIGHT	TV	TV CONNECTION (SEE ELECTRICAL DRAWINGS)
	RECESSED CAN WALL WASHER	H	HORN (SEE ELECTRICAL DRAWINGS)
	PENDANT MOUNTED LIGHT FIXTURE		TRACK LIGHT FIXTURE (SEE ELECTRICAL DRAWINGS)
	CEILING-MOUNTED EXIT LIGHT (SEE ELECTRICAL DRAWINGS)		EQUIPMENT MOUNTING TRACKS
	WALL-MOUNTED EXIT LIGHT (SEE ELECTRICAL DRAWINGS)		SPRINKLER HEAD
S	SMOKE DETECTOR (SEE ELECTRICAL DRAWINGS)	S	SPEAKER (SEE ELECTRICAL DRAWINGS)

7 CEILING PLAN SYMBOL DESIGNATIONS
1/4" = 1'-0"



OTHER FLOOR PLAN SYMBOL DESIGNATIONS

EXISTING DOOR TO REMAIN	EXISTING DOOR TO DEMO
EXISTING WALL TO REMAIN	EXISTING WALL TO DEMO

3 FLOOR PLAN SYMBOL DESIGNATIONS
1/4" = 1'-0"

SHEET NUMBER EXPLANATION

1. ARCHITECTURAL
THIS CHARACTER DENOTES THE SHEET IS AN ARCHITECTURAL DRAWING.

2. SHEET TYPE
THIS CHARACTER DENOTES THE TYPE OF INFORMATION ON THE SHEET.

1. DEMOLITION PLANS
2. FLOOR PLANS
3. CEILING PLANS
4. EXTERIOR DETAILING
5. VERTICAL CIRCULATION
6. INTERIOR DETAILING
7. PROJECT SPECIFIC INFORMATION (IF USED)
8. PROJECT SPECIFIC INFORMATION (IF USED)
9. PROJECT SPECIFIC INFORMATION (IF USED)

3. FLOOR NUMBER (OF MODIFIER)
THESE CHARACTERS DENOTE EITHER THE NUMBER OF THE FLOOR SHOWN ON THE SHEET OR THE NEXT SEQUENTIAL NUMBER OF THAT SERIES OF SHEETS.

4. AREA DESIGNATION
THIS CHARACTER DENOTES THE "AREA" OF THE PLAN SHOWN ON THAT SHEET

EACH PORTION OF THE PLAN THAT FITS ON A SHEET AT A PARTICULAR SCALE (USUALLY 1/8" = 1'-0") IS GIVEN A LETTER OR "AREA" DESIGNATION.

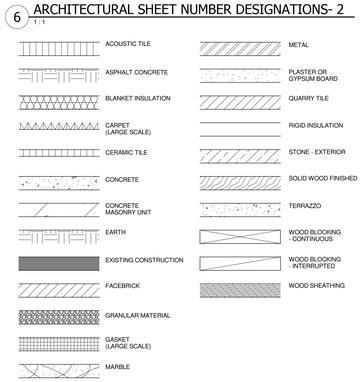
THIS CHARACTER MAY NOT BE USED IN CASES WHERE THE CONTENTS OF THE SHEET DO NOT RELATE TO THE SPECIFIC AREA DESIGNATION.

SHEET NUMBER EXAMPLE

A234B

1. ARCHITECTURAL
2. SHEET TYPE
3. FLOOR NUMBER
4. AREA DESIGNATION

6 ARCHITECTURAL SHEET NUMBER DESIGNATIONS- 2
1 : 1 : 1



2 ARCHITECTURAL MATERIAL DESIGNATIONS
1 : 1

ROOM NUMBER EXPLANATION

1. FLOOR NUMBER OR MODIFIER
THIS CHARACTER DENOTES THE FLOOR ON WHICH THE ROOM IS LOCATED.

2. ROOM DESIGNATION
THESE CHARACTERS DENOTE THE SEQUENTIAL ROOM NUMBER FOR A PARTICULAR AREA.

ROOM NUMBER EXAMPLE

ROOM NAME
1001

1. FLOOR NUMBER
3. SEQUENTIAL NUMBER FOR THAT AREA DESIGNATION

DOOR NUMBER EXPLANATION

1. ROOM NUMBER
THESE CHARACTERS DENOTE THE ROOM NUMBER WITH WHICH THE DOOR IS ASSOCIATED. REFER TO ROOM NUMBER EXPLANATION.

2. DOOR DESIGNATION
THIS CHARACTER IS USED TO DISTINGUISH BETWEEN MULTIPLE DOORS ASSOCIATED WITH A PARTICULAR ROOM. DOORS ARE LETTERED SEQUENTIALLY IN A ROOM.

DOOR NUMBER EXAMPLE

1001A

1. ROOM NUMBER
2. DOOR DESIGNATION

5 ROOM NUMBER & DOOR NUMBER DESIGNATIONS
1 : 1 : 1

A. THESE GENERAL NOTES APPLY TO THE CONSTRUCTION DOCUMENTS AND SHALL GOVERN UNLESS NOTED OTHERWISE BY GENERAL NOTES OR KEYNOTES ON SPECIFIC SHEETS.

B. COORDINATE ALL PROJECT PHASING WITH OWNER OR AS SPECIFIED AND/OR SHOWN ON THE DRAWINGS.

C. PROVIDE A SAFE MEANS OF EGRESS THROUGH AND/OR AROUND THE BUILDING AND SITE PER APPLICABLE CODES AT ALL TIMES DURING THE CONSTRUCTION PROCESS. MINIMIZE DISRUPTION TO ADJACENT AREAS/FLOORS AS MUCH AS POSSIBLE.

D. MINIMIZE NOISE TO LEVEL ACCEPTABLE WITH THE OWNER. SCHEDULE TASKS CREATING EXCESSIVE NOISE OR NEAR SENSITIVE AREAS WITH THE OWNER.

E. PROVIDE DUST CONTROL BETWEEN CONSTRUCTION AREAS AND OCCUPIED AREAS AT ALL TIMES AS SPECIFIED.

F. NOTIFY ARCHITECT PROMPTLY IF INFORMATION SHOWN IN ONE CONSTRUCTION DOCUMENT CONFLICTS WITH INFORMATION SHOWN ON ANOTHER.

G. NOTIFY ARCHITECT PROMPTLY IF CONSTRUCTION DOCUMENTS ARE INCONSISTENT WITH THE CURRENT APPLICABLE CODES AND REGULATIONS.

H. NOTIFY ARCHITECT PROMPTLY IF ANY EXISTING CONDITIONS CONFLICT WITH THE CONSTRUCTION DOCUMENTS.

J. STRUCTURAL STEEL MEMBER PROFILES AS INDICATED ON ARCHITECTURAL DRAWINGS MAY VARY FROM ACTUAL PROFILES AND SIZES INDICATED ON THE STRUCTURAL DRAWINGS WHICH SHALL GOVERN.

K. COORDINATE EXACT LOCATIONS OF LIGHT FIXTURES, SPEAKERS, SMOKE DETECTORS, EXIT LIGHTS, ACCESS PANELS, SPRINKLER HEADS, HVAC DUCTS, DIFFUSERS, REGISTERS, AND OTHER CEILING ITEMS WITH MECHANICAL, ELECTRICAL AND OTHER TRADES. NOTIFY ARCHITECT PROMPTLY IF ANY LOCATIONS CONFLICT WITH ARCHITECTURAL REFLECTED CEILING PLANS.

L. REFER TO ARCHITECTURAL, STRUCTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS FOR FLOOR, WALL AND CEILING OPENINGS. ALL OPENINGS SHALL BE CUT AND PATCHED AS REQUIRED BY EACH DISCIPLINE OR TRADE REQUIRING THE OPENING UNLESS NOTED OTHERWISE IN THE CONSTRUCTION DOCUMENTS. PATCHING IS TO BE IN CONFORMANCE WITH APPLICABLE CODES.

M. WOOD BLOCKING WITHIN THE WALL SYSTEM SHALL BE FIRE RETARDANT TREATED. ALL EXTERIOR WOOD BLOCKING SHALL BE MOISTURE TREATED. WOOD MAY NOT BE USED IN AN EXPOSED LOCATION UNLESS IT IS A FINISH MATERIAL IN A NON-COMBUSTIBLE ASSEMBLY OR AS SPECIFIED.

1 GENERAL NOTES
1 : 1 : 1

Minnesota State Capitol Repairs, Restoration, & Preservation

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SCB-02CB0015

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED ARCHITECT UNDER THE LAWS OF THE STATE OF MINNESOTA.

NOT FOR CONSTRUCTION

NAME: MICHAEL BURNBERG
DATE: JUNE 7, 2012
REGISTRATION NUMBER: 18801

HGA NO: 0476-061-00

GENERAL NOTES, SYMBOLS, AND ABBREVIATIONS

WORK PACKAGE 1

A010

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