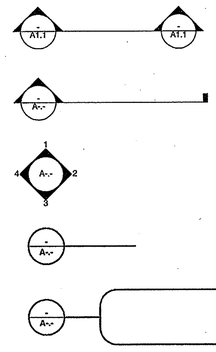
ABBREVIATIONS

ABV	ABOVE	CLL	CONTRACT LIMIT LINE	FHMS	FLATHEAD WOOD SCREW	LB	LAG BOLT	PCC	PRECAST CONCRETE	TSL	TOP OF SLAB
AFF	ABOVE FINISH FLOOR	CJT	CONTROL JOINT	FLX	FLEXIBLE	LAM	LAMINATE(D)	PFB	PREFABRICATED	TST	TOP OF STEEL
ASC	ABOVE SUSPENDED CEILING	CPR	COPPER	FLR	FLOOR (ING)	LAV	LAVATORY	PFN	PREFINISHED	TPL	TOP OF WALL
ACC	ACCESS	CG	CORNER GUARD	FLCO	FLOOR CLEANOUT	LH	LEFT HAND	PFM	PREFORMED	TB	TOWEL BAR
ACPL	ACCESS FLOOR	CORR	CORRUGATED	FD	FLOOR DRAIN	L	LENGTH	PSC	PRESTRESSED	TR	TRANSOM
AP	ACCESS PANEL	CTR	COUNTER	FPL	FLOOR PLATE	LT	LIGHT	PL	PROPERTY LINE	T	TREAD
AC	ACOUSTICAL	CTL	COUNTER FLASHING	FLUR	FLUORESCENT	LC	LIGHT CONTROL			TYP	TYPICAL
ACPL	ACOUSTICAL PLASTER	CS	COUNTERSINK	FJT	FLUSH JOINT	LP	LIGHTPROOF	QT	QUARRY TILE		
ACT	ACOUSTICAL TILE	CTSK	COUNTERSINK SCREW	FTG	FOOTING	LWC	LIGHTWEIGHT			UC	UNDERCUT
ACR	ACRYLIC PLASTER	CRS	COURSE(S)	FRG	FORGED	LWC	LIGHTWEIGHT CONCRETE	RBT	RABBET, REBATE	UNF	UNFINISHED
ADD	ADDENDUM	CG	CROSS GRAIN	FND	FOUNDATION	LMS	LIMESTONE	RAD	RADIUS	UR	URINAL
ADH	ADHESIVE	CFT	CUBIC FOOT	FR	FRAMED (D), (ING)	LTL	LINTEL	RL	RAIL (ING)		
ADJ	ADJACENT	CYD	CUBIC YARD	FRA	FRESH AIR	LL	LIVE LOAD	RWC	RAINWATER CONDUCTOR	VJ	V-JOINT
ADJT	ADJUSTABLE			FB	FULL SIZE	LVR	LOUVER	REF	REFERENCE	VB	VAPOR BARRIER
AGG	AGGREGATE	DPR	DAMPER	FBO	FURNISHED BY OTHERS	LPT	LOW POINT	RFL	REFLECT (ED), (IVE), (OR)	VAR	VARNISH
A/C	AIR CONDITIONING	DP	DAMPPROOFING	FUR	FURRED (ING)			REFR	REFRIGERATOR	VNR	VENEER
ALT	ALTERNATE	DL	DEAD LOAD	FUT	FUTURE	MB	MACHINE BOLT	REG	REGISTER	VRN	VERMICULITE
AL	ALUMINUM	DEM	DEMOLISH, DEMOLITION			MH	MALLEABLE IRON	RE	REINFORCE (D), (ING)	VERT	VERTICAL
AMC	ANCHOR, ANCHORAGE	DMT	DEMOUNTABLE	GA	GAGE, GAUGE	MH	MANHOLE	RCP	REINFORCED CONCRETE PIPE	VG	VERTICAL GRAIN
AB	ANCHOT BOLT	DEP	DEPRESSED	GV	GALVANIZED	MFR	MANUFACTURE (ER)	REM	REMOVE	VN	VINYL
ANOD	ANODIZED	DTL	DETAIL	GI	GALVANIZED IRON	MRB	MARBLE	RES	RESILIENT	VAT	VINYL ASBESTOS TILE
APX	APPROXIMATE	DIAG	DIAGONAL	GP	GALVANIZED PIPE	MAS	MASONRY	RET	RETURN	VB	VINYL BASE
ARCH	ARCHITECT (URAL)	DIAM	DIAMETER	GSS	GALVANIZED STEEL PLATE	MO	MASONRY OPENING	RA	RETURN AIR	VCT	VINYL COMPOSITION TILE
AD	AREA DRAIN	DIM	DIMENSION	GKT	GASKET (ED)	MTL	MATERIAL (S)	RVS	REVERSE (SIDE)	VF	VINYL FABRIC
ASB	ASBESTOS	DPR	DISPENSER	GC	GENERAL CONTRACT (OR)	MAX	MAXIMUM	REV	REVISION (S), REVISED	VT	VINYL TILE
ASPH	ASPHALT	DIV	DIVISION	GL	GLASS, GLAZING	MECH	MECHANICAL (AL)	RH	RIGHT HAND		
AT	ASPHALT TILE	DR	DOOR	GLB	GLASS BLOCK	MED	MEDICINE CABINET	ROW	RIGHT OF WAY	RSCT	WAINSCOT
AUTO	AUTOMATIC	DA	DOUBLE ACTING	GLF	GLASS FIBER	M	MEDIUM	R	RISER	WTH	WALL TO WALL
		DH	DOUBLE HUNG	GCMU	GLAZED MASONRY CONCRETE	MBR	MEMBER	RVT	RIVET	WH	WALL HUNG
BP	BACK PLASTER (ED)	DTA	DOVETAIL ANCHOR		UNIT	MMB	MEMBRANE	RD	ROOF DRAIN	WC	WATER CLOSET
BSMT	BASEMENT	DTS	DOVETAIL ANCHOR SLOT	GST	GLAZED STRUCTURAL TILE	MET	METAL	RFH	ROOF HATCH	WP	WATERPROOFING
BRG	BEARING	DS	DOWNSPOUT	GB	GRAB BAR	MFD	METAL FLOOR DECKING	RPG	ROOFING	WR	WATER REPELLENT
BPL	BEARING PLATE	D	DRAIN	GRD	GRADE, GRADING	MTFR	METAL FURRING	RM	ROOM	WS	WATERSTOP
BJT	BED JOINT	DRB	DRAINBOARD	GRN	GRANITE	MRD	METAL ROOF DECKING	RO	ROUGH OPENING	WWF	WELDED WIRE FABRIC
BM	BENCH MARK	DT	DRAIN TILE	GVL	GRAVEL	MTHR	METAL THRESHOLD	RB	RUBBER BASE	W	WEST
BEL	BELOW	DWR	DRAWER	GF	GROUND FACE	M	METER (S)	RBT	RUBBER TILE	WHB	WHEEL BUMPER
BET	BETWEEN	DWG	DRAWING	GT	GROUT	MM	MILLIMETERS	RBL	RUBBLE STONE	W	WIDTH, WIDE
BVL	BEVELED	DF	DRINKING FOUNTAIN	GPDW	GYPSUM DRY WALL	MWK	MILLWORK			WIN	WINDOW
BIT	BITUMINOUS	DW	DUMBWAITER	GPL	GYPSUM LATH	MIN	MINIMUM	SFGL	SAFETY GLASS	WG	WIRED GLASS
BLK	BLOCK			GPPL	GYPSUM PLASTER	MB	MIRROR	SCH	SCHEDULE	WR	WIRE MESH
BLKG	BLOCKING	EF	EACH FACE	GPT	GYPSUM TILE	MISC	MISCELLANEOUS	SCN	SCREEN	WO	WITHOUT
BD	BOARD	EE	EACH			MOD	MODULAR	SNT	SEALANT	WD	WOOD
BS	BOTH SIDES	ELEC	ELECTRIC (AL)	HH	HANDHOLE	MLD	MOLDING, MOULDING	STG	SEATING	WB	WOOD BASE
BW	BOTH WAYS	EP	ELECTRICAL PANELBOARD	HBD	HARDBOARD	MR	MOP RECEPTOR	SEC	SECTION	WI	WROUGHT IRON
BOT	BOTTOM	EWC	ELECTRICAL WATER COOLER	HDW	HARDWARE	MT	MOUNT (ED), (ING)	SSK	SERVICE SINK		
BRK	BRICK	EL	ELEVATOR	HWD	HARDWOOD	MOV	MOVABLE	SMTH	SHEATHING		
BRZ	BRONZE	ELEV	ELEVATION	HJT	HEAD JOINT	MULL	MULLION	SHT	SHEET		
BLDG	BUILDING	EMER	EMERGENCY	HDR	HEADER			SG	SHEET GLASS		
BUR	BUILT UP ROOF	ENCL	ENCLOSE (URE)	HTG	HEATING	NL	NAILABLE	SH	SHELF, SHELVING		
BBD	BULLETIN BOARD	EQ	EQUAL	HVAC	HEATING / VENTILATION / AIR CONDITIONING	NAT	NATURAL	SHO	SHORE (D), (ING)		
		EQPT	EQUIPMENT			NI	NICKEL	SIM	SIMILAR		
CAB	CABINET	ESC	ESCALATOR	HD	HEAVY DUTY	NR	NOISE REDUCTION	SKL	SKYLIGHT		
CAD	CADMIUM	EST	ESTIMATE	HT	HEIGHT	NRC	NOISE REDUCTION COEFFICIENT	SL	SLEEVE		
CAL	CALCIMINE	EXCA	EXCAVATE	HEX	HEXAGONAL	NOM	NOMINAL	SC	SOLID CORE		
CK	CALK (ING) / CAULK (ING)	EXH	EXHAUST	HES	HIGH EARLY-STRENGTH CEMENT	NMT	NONMETALLIC	SF	SOUNDPROOF		
CPET	CARPET (ED)	EXG	EXISTING	HC	HOLLOW CORE	N	NORTH	S	SOUTH		
CSMT	CASEMENT	EXMP	EXPANDED METAL PLATE	HM	HOLLOW METAL	NIC	NOT IN CONTRACT	SPC	SPACER		
CIP	CAST IN PLACE CONCRETE	EB	EXPANSION BOLT	HOR	HORIZONTAL	NTS	NOT TO SCALE	SPR	SPREADER		
CI	CAST IRON	EXP	EXPOSED	HOR	HORIZONTAL			SPL	SPECIAL		
CST	CAST STONE	EXT	EXTERIOR	HB	HOSE BIBB	PNT	PAINT (ED)	SPEC	SPECIFICATION (S)		
CB	CATCH BASIN	EXS	EXTRA STRNGTH	HWH	HOT WATER HEATER	PNL	PANEL	SQ	SQUARE		
CEIL	CEILING					PB	PANIC BAR	SST	STAINLESS STEEL		
CH	CEILING HEIGHT					PTD	PAPER TOWEL DISPENSER	STD	STANDARD		
CEM	CEMENT	FB	FACE BRICK	INCIN	INCINERATOR	PTR	PAPER TOWEL RECEPTOR	STA	STATION		
CEMPL	CEMENT PLASTER (PORTLAND)	FOC	FACE OF CONCRETE	INCL	INCLUDE (D), (ING)	PAR	PARALLEL	ST	STEEL		
CM	CENTIMETER (S)	FOF	FACE OF FINISH	ID	INSIDE DIAMETER	PK	PARKING	STO	STORAGE		
CHL	CERAMIC	FOM	FACE OF MASONRY	INS	INSULATE (D), (ION)	PCC	PARTICAL BOARD	SD	STORM DRAIN		
CMT	CERAMIC MOSAIC (TILE)	FOS	FACE OF STUD	INSC	INSULATING CONCRETE	PBD	PARTITION	STR	STRUCTURAL		
CY	CERAMIC TILE	FP	FACTORY FINISH	INSF	INSULATING FILL	PTN	PAVE (D), (ING)	SCT	STRUCTURAL CLAY TILE		
CHBD	CHALK BOARD	FAS	FASTEN, FASTENER	INT	INTERIOR	PV	PAVEMENT	SUS	SUSPENDED		
CHAM	CHAMFER	FN	FENCE	IJK	INTERLOCK	PVMT	PEDESTAL	SYM	SYMETRY (ICAL)		
CR	CHROMIUM (PLATED)	FBD	FIBERBOARD	INTM	INTERMEDIATE	PED	PERFORATE (D)	SYN	SYNTHETIC		
CIR	CIRCLE	FGL	FIBERGLASS	INV	INVERT	PERF	PERIMETER	SYS	SYSTEM		
CIRC	CIRCUMFERENCE	FIN	FINISH (ED)	IPS	IRON PIPE SIZE	PERI	PLASTER				
CLR	CLEAR (ANCE)	FFE	FINISHED FLOOR ELEVATION			PLAS	PLASTIC LAMINATE	TKBD	TACKBOARD		
CLS	CLOSURE	FFL	FINISHED FLOOR LINE	JC	JANITOR'S CLOSET	PLAM	PLATE	TKS	TACKSTRIP		
COL	COLUMN	FA	FIRE ALARM	JT	JOINT	PL	PLATE GLASS	TEL	TELEPHONE		
COMB	COMBINATION	FBRK	FIRE BRICK	JF	JOINT FILLER	PG	PLYWOOD	TEL	TELEVISION		
COMPT	COMPARTMENT	FE	FIRE EXTINGUISHER	J	JOIST	PWD	POINT	TV	TERRA COTTA		
COMPO	COMPOSITION (COMPOSITE)	FEC	FIRE EXTINGUISHER CABINET			PT	POLYVINYL CHLORIDE	TC	TERRAZZO		
COMP	COMPRESS (ED), (ION), (IBLE)	FHS	FIRE HOSE STATION	KPL	KICKPLATE	PVC	PORCELAIN ENAMEL	TZ	THICK (NESS)		
CONC	CONCRETE	FPL	FIREPLACE	KIT	KITCHEN	PE	POST-TENSIONED CONCRETE	THK	THRESHOLD		
CMU	CONCRETE MASONRY UNIT	FP	FIREPROOF	KO	KNOCKOUT	PTC	POUNDS PER CUBIC FOOT	THR	TOILET PAPER DISPENSER		
CX	CONNECTION	FRG	FIRE-RESISTANT COATING			PCF	POUNDS PER LINEAL FOOT	TPD	TOILET PARTITION		
CONST	CONSTRUCTION	FRT	FIRE-RETARDANT	LBL	LABEL	PFL	POUNDS PER SQUARE FOOT	TPTN	TOLERANCE		
CONT	CONTINUOUS OR CONTINUE	FLG	FLASHING	LAB	LABORATORY	PSF	POUNDS PER SQUARE INCH	TOL	TONGUE AND GROOVE		
CONTR	CONTRACT (OR)	FHMS	FLATHEAD MACHINE SCREW	LAD	LADDER	PSI		T&G			

GRAPHIC SYMBOLS



BUILDING SECTION
SECTION ID/SHEET NO.

WALL SECTION
SECTION ID/SHEET NO.

INTERIOR ELEVATION
ELEVATION NO./SHEET NO.

DETAIL
SHEET NO./DRAWING NO.

ENLARGED PLAN
DETAIL NO./SHEET NO.

ROOM NAME
ROOM NUMBER

ROOM INDICATOR

N

NORTH ARROW

100'-0"
FLOOR ELEVATION

FLOOR ELEVATION INDICATOR

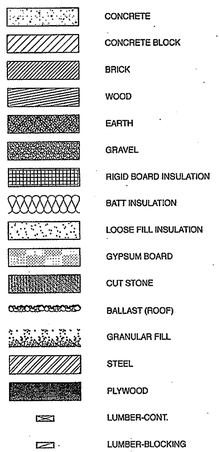
PART. #

PARTITION INDICATOR

1

GRID LINES

MATERIALS



CONCRETE
CONCRETE BLOCK
BRICK
WOOD
EARTH
GRAVEL
RIGID BOARD INSULATION
BATT INSULATION
LOOSE FILL INSULATION
GYPSUM BOARD
CUT STONE
BALLAST (ROOF)
GRANULAR FILL
STEEL
PLYWOOD
LUMBER-CONT.
LUMBER-BLOCKING

DRAWING INDEX

T1 TITLE SHEET

CIVIL
C1 GRADING PLAN
C2 EROSION CONTROL PLAN
C3 DETAILS

LANDSCAPE
LA1.1 LANDSCAPE PLAN
LA1.2 LANDSCAPE PLAN

ARCHITECTURAL
A1.1 SITE PLAN
A1.2 ENLARGED SITE PLAN
A2.1 FLOOR PLAN
A2.2 MEZZANINE PLAN
A3.1 EXTERIOR ELEVATIONS
A4.1 BUILDING SECTIONS
A4.2 WALL SECTIONS
A4.3 WALL SECTIONS
A5.1 INTERIOR ELEVATIONS
A5.2 INTERIOR ELEVATIONS
A5.3 INTERIOR ELEVATIONS
A5.4 INTERIOR ELEVATIONS
A5.5 INTERIOR ELEVATIONS
A6.1 ROOF PLAN
A7.1 REFLECTED CEILING PLAN
A8.1 SCHEDULES

STRUCTURAL
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S2 FOUNDATION PLAN
S3 MEZANINE & LOW ROOF PLAN
S4 SECTIONS & DETAILS
S5 SECTIONS & DETAILS

MECHANICAL
MP0.1 MECHANICAL COVER SHEET
MP0.2 MECHANICAL SPECIFICATIONS & SEQUENCE OF CONTROLS
M1.1 HVAC PLAN
M1.2 MAIN FLOOR GAS PIPING
M1.3 ROOF HVAC PLAN
M5.1 HVAC DETAILS & SCHEDULES
P1.1 MAIN FLOOR PLUMBING PLAN
P4.1 ENLARGED PLUMBING PLANS
P5.1 PLUMBING SECTIONS & DETAILS
P6.1 PLUMBING SCHEDULES
P9.1 PLUMBING RISERS
F0.1 FIRE PROTECTION SPECIFICATIONS
F0.2 FIRE PROTECTION SPECIFICATIONS
F1.1 FIRE PROTECTION PLAN

ELECTRICAL
E0.1 ELECTRICAL COVER SHEET
E0.2 ELECTRICAL SPECIFICATIONS
E1.1 POWER PLAN
E1.2 ROOF PLAN
E1.3 CONDUIT ROUTING PLAN
E1.4 LIGHING PLAN
E1.5 OUTDOOR LIGHTING & PHOTOMETRIC PLAN
E5.1 ELECTRICAL DETAILS
E6.1 POWER DISTRIBUTION & PANELBOARD SCHEDULES

CODE INFORMATION

CODE USED
2003 Minnesota State Building Code. 2000 International Building Code

OCCUPANCY CLASSIFICATION
A-3 (Church)

TYPE OF CONSTRUCTION
Type IIB sprinklered

FIRE RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS

Structurall frame	0
Bearing walls	0
Nonbearing walls & partitions	0
Floor construction	0
Roof construction	0

FIRE RESISTANCE RATING REQUIREMENTS FOR EXTERIOR WALLS BASED ON DISTANCE
> 10'-0", <30'-0" 0

ALLOWABLE AREA
9500 sq. ft., 38,000 with sprinkler increase

PROPOSED AREA
15,773 sq. ft.

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REVISION	DATE

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I an a duly Licensed Architect under the laws of the State of Minnesota.
Print Name:
Signature:
Date: 2.13.07 License No: 41462

Title Sheet

COMM. NO.:	50714
SCALE:	---
DATE:	FEBRUARY 13, 2007
DRAWN BY:	---

BID DOCUMENTS

T-1