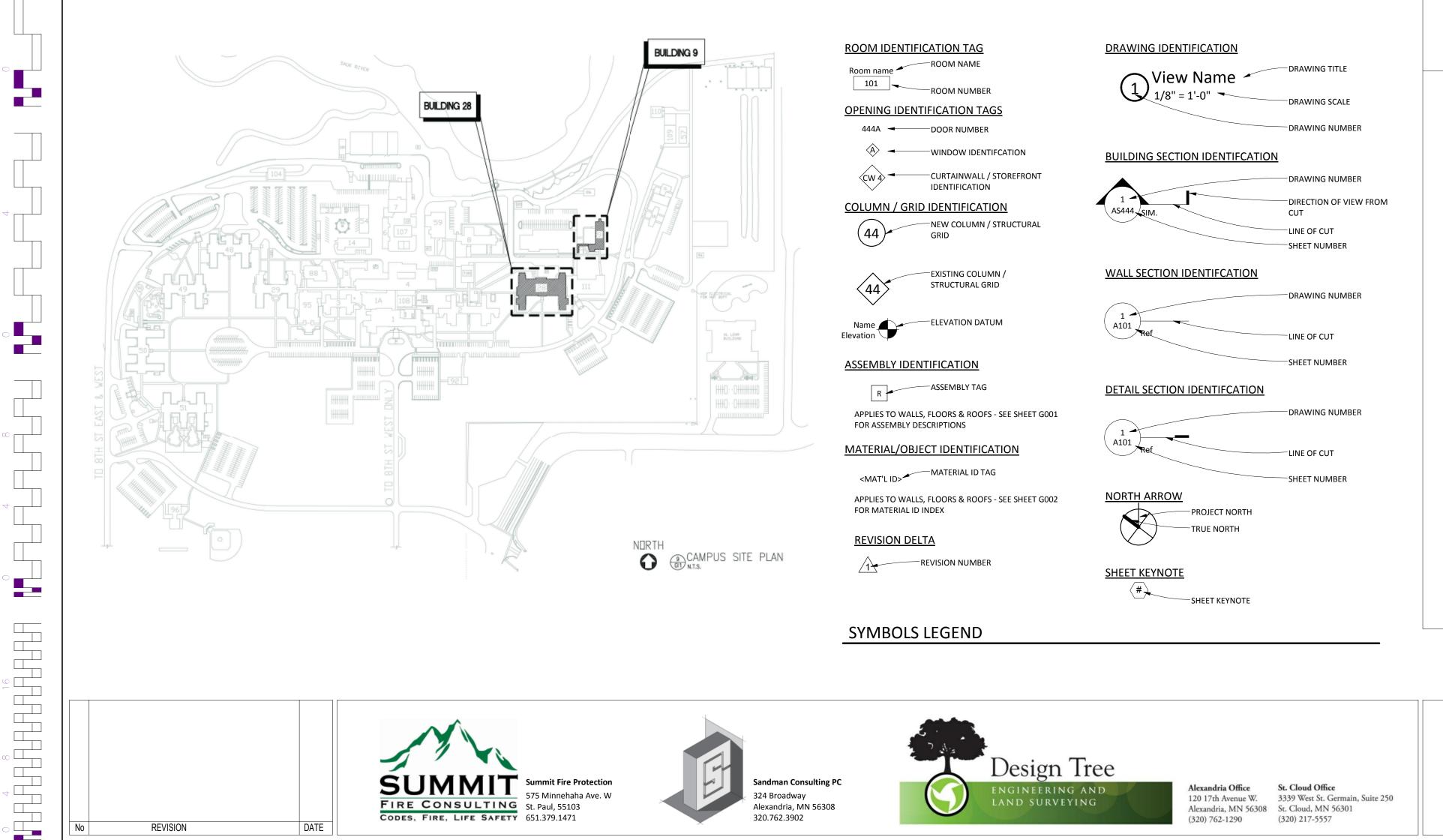
# PROJECT NUMBER: 656-12-339 RECONFIGURE/EXPAND BUILDINGS 28 & 9 FOR RESIDENTIAL REHABILITATION TREATMENT PROGRAM

ST. CLOUD, MINNESOTA



#### **PROJECT TEAM** OWNER **ARCHITECT** STRUCTURAL ENGINEER MECH/ELEC ENGINEER FIRE PROTECTION **CIVIL ENGINEER Summit Fire Protection** VA Healthcare System JLG Architects Sandman Consulting PC Design Tree Engineering Design Tree Engineering 3339 West St. Germaine, Suite 250 575 Minnehaha Ave. W 4801 Veterans Drive 525 Broadway 324 Broadway 3339 West St. Germaine, Suite 250 St. Cloud, MN 56303-2099 St. Cloud, MN 56301 Alexandria, MN 56308 Alexandria, MN 56308 St. Cloud, MN 56301 St. Paul, MN 55103 Fax: 320.217.5597 Phone: 320.255.6346 Fax: 320.255.6342 Phone: 320.759.9030 Phone: 320.762.3902 Phone: 320.217.5557 Phone: 651.251.1880 Phone: 320.217.5557 Dan Miller, Principal Joe Nicholson, PE, SE Chris Schaefer, Mechanical Lewis Anderson, PE Gina Dullinger Gary Johnson Email: gary.johnson@va.gov Phone: 320.762.0324 Phone: 320.762.3902 Email: crs@designtreeengineering.com Phone: 651.379.1471 Email: gmd@designtreeengineering.com Email: dmiller@jlgarchitects.com Email: joe@sc-pc.com Email: landerson@summitfire.com Robert Klein, COR Dan Johnson, Electrical Email: robert.klein@va.gov Email: dlj@designtreeengineering.com



### **GENERAL NOTES**

All dimensions on drawings are approximate; Drawings are not to be scaled. It is the responsibility of the contractor to verify all field conditions and physical dimensions that influence the construction

site prior to submitting their bids and they are encouraged to do so. Contractor shall adhere strictly to State and Federal Occupational Safety and Health Administration (OSHA) Standards.

Contractor shall park only in the designated parking areas and are not to park on the lawn areas; the only exception is to load or unload

Contractor is responsible for the safeguarding of their tools and equipment. All tools and equipment are not to be left unattended and are to be secured at all times when the contractor is not present, or the construction site is not supervised by the contractor.

All VA property is to be safeguarded from damage. Any damaged VA property is to be restored to original condition prior to damage or replaced completely. This includes installation, labor, and procurement

Contractor must control demolition and construction dust from facility by erecting a dust barrier and ventilation with hepa filters. If venting to outside, the contractor will insure negative air pressure is maintained in encapsulated work area. When transporting debris, wet down

All demolished material becomes the property and the responsibility

of the contractor with the exception of specified items designated either in the plans or verbally requested by the COR to be retained by the VA. Offsite disposal of the demolished items is the responsibility

regulations and is to be enclosed for the first eight feet above ground at end of each working day, until dismantled. Ladders must be removed and locked up at the end of each working day to prevent

unauthorized persons from having access. Clean all debris from construction site to the satisfaction of the COR. Contractor is responsible for erecting a barrier around work site to fence may be a plastic snow fence at open trench areas. All other

Provide vehicle/equipment swinging gate (lockable). Provide swinging mandoor gate with emergency egress Coordinate construction materials and location of fence with COF

Fencing to be 8'-0" high with top and bottom rail.

be overcut by 6" or more to accommodate full width rolls of sod. Top lawn. Sod to be thoroughly saturated with water upon placement. The contractor is responsible for watering new sod until established lawn restoration acceptance by the COR

Access to all buildings and parking areas must be maintained

Contractors are to coordinate all work with the Contracting Officers

#### SITE LOCATOR



#### **MATERIALS**

4 4	CONCRETE OR STONE	GYPSUM WALL BOARD
	METAL	BATT INSULATION
	RIGID INSULATION	ROUGH WOOD
	CONCRETE MASONRY UNIT	FINISH WOOD
	FACE BRICK	PARTIAL BLOCKING
	PLYWOOD	

BLDG.

## **SHEET INDEX**

SHEET NUMBER	SHEET NAME	BLDG. NUMBER	SHEET NUMBER	SHEET NAME	BLDG. NUMBER	SHEET NUMBER	SHEET NAME	BLDG. NUMBER
	OHEE! IV WIL			SHEET WILL			oneen wanz	
00_General			1001	ROOM FINISH SCHEDULE	28	PL100	PLUMBING PLAN - BASEMENT DEMO	28
GI000	COVER		I100	BASEMENT FINISH FLOOR PLAN	28	PL101	PLUMBING PLAN - FIRST FLOOR	28
GI001	CODE SHEET	28	I101	FIRST FLOOR FINISH FLOOR PLAN	28	PL102	PLUMBING PLAN - SECOND FLOOR	28
GI002	PHASING PLAN	28	I102	SECOND FLOOR FINISH FLOOR PLAN	28	PL103	PLUMBING PLAN - ROOF	28
GI003	TYPICAL ASSEMBLIES		1202	WALL FINISH PLAN	28	P401	ENLARGED PLANS	28
GI004	MOUNTING HEIGHTS		1302	LEVEL 2 FURNITURE PLAN	28	P501	PLUMBING DETAILS	28
						P601	PLUMBING SCHEDULES	28
01_Civil			04_Structural			P701	PLUMBING WASTE AND VENT ISOMETRIC	28
CD101	SITE DEMOLITION PLAN		S001	GENERAL NOTES		P702	PLUMBING WASTE AND VENT ISOMETRIC	28
CG101	SITE GRADING & DRAINAGE		S100	FOUNDATION PLAN	28	P703	PLUMBING DOMESTIC WATER ISOMETRIC	28
CG102	EROSION CONTROL PLAN		S120	BUILDING 9 PLANS	9	P704	PLUMBING DOMESTIC WATER ISOMETRIC	28
CU101	UTILITY PLAN		S200	FIRST FLOOR PLAN	28	P705	PLUMBING STORM WATER ISOMETRIC	28
C501	EROSION CONTROL/SWPPP DETAILS		S201	SECOND FLOOR PLAN	28			
C502	CIVIL DETAILS		S202	ROOF PLAN	28	07_Electrical		
C503	CIVIL DETAILS		S203	ATTIC FRAMING PLAN	28	E001	ELECTRICAL INDEX	
C504	SWPPP NARRATIVE		S300	FOUNDATION DETAILS	28	ED100	DEMO PLAN - BASEMENT	28
			S301	BUILDING 9 DETAILS	9	ED101	DEMO PLAN - FIRST FLOOR	28
02_Architectur			S400	FRAMING DETAILS	28	ED102	DEMO PLAN - SECOND FLOOR	28
AS001	SITE PLAN		S401	FRAMING DETAILS	28	ES100	ELECTRICAL SITE PLAN	
HA100	ABATEMENT PLANS	28				ES101	ENLARGED ELECTRICAL SITE PLAN	
AD100	BASEMENT DEMOLITION PLAN	28	05_Mechanica			EP100	POWER PLAN - BASEMENT	28
AD101	FIRST FLOOR DEMOLITION PLAN	28	M001	MECHANICAL INDEX	28	EP101	POWER PLAN - FIRST FLOOR	28
AD102	SECOND FLOOR DEMOLITION PLAN	28	MD100	HVAC PLAN - BASEMENT DEMO	28	EP102	POWER PLAN - SECOND FLOOR	28
AD201	DEMO ROOF PLANS & ELEVATIONS	28	MD101	HVAC PLAN - FIRST FLOOR DEMO	28	EP103	POWER PLAN - ATTIC	28
AD700	DEMO RCP	28	MD102	HVAC PLAN - SECOND FLOOR DEMO	28	EL100	LIGHTING PLAN - BASEMENT LEVEL	28
AS100	BASEMENT FLOOR PLAN	28	MD103	ENLARGED HVAC PLAN - DEMOLITION	28	EL101	LIGHTING PLAN - FIRST FLOOR	28
AS101	FIRST FLOOR PLAN	28	MH100	HVAC PLAN - BASEMENT	28	EL102	LIGHTING PLAN - SECOND FLOOR	28
AS102	SECOND FLOOR PLAN	28	MH101	HVAC PLAN - FIRST FLOOR	28	EL103	LIGHTING PLAN - ATTIC	28
AS103	ATTIC PLAN	28	MH102	HVAC PLAN - SECOND FLOOR	28	ET100	TELECOM PLAN - BASEMENT	28
AS104	ROOF PLAN	28	MH103	HVAC PLAN - SECOND FLOOR AREA A	28	ET101	TELECOM PLAN - LEVEL ONE	28
AS111	UNIT PLANS	28	MH104	HVAC PLAN - SECOND FLOOR AREA B	28	ET102	TELECOM PLAN - SECOND FLOOR	28
AS120	BUILDING 9 LINK PLANS	9	MH105	HVAC PLAN - SECOND FLOOR AREA C	28	E400	ENLARGED PLANS	28
AS131	PROJECT ALTERNATES	28	MH106	HVAC PLAN - SECOND FLOOR AREA D	28	E401	BUILDING 9 LINK PLANS	9
AS151	PLAN DETAILS	28	MH107	HVAC PLAN - ATTIC	28	E500	ELECTRICAL DETAILS	28
AS152	INTERIOR DETAILS	28	MP100	HYDRONIC PLAN - BASEMENT	28	E501	ELECTRICAL DETAILS	28
AS201	EXTERIOR ELEVATIONS	28	MP101	HYDRONIC PLAN - FIRST FLOOR	28	E502	ELECTRICAL DETAILS	28
AS301	BUILDING SECTION	28	MP102	HYDRONIC PLAN - SECOND FLOOR	28	E503	ELECTRICAL DETAILS	28
AS302	BUILDING SECTIONS	28	MP103	HYDRONIC PLAN - ATTIC	28	E600	POWER RISER DIAGRAM - DEMOLITION	28
AS401	WALL SECTIONS	28	M401	BUILDING 9 LINK PLAN	9	E601	POWER RISER DIAGRAM/DETAILS	28
AS402	WALL SECTIONS	28	M402	ENLARGED MECHANICAL PLANS	28	E602	SCHEDULES	28
AS420	LINK SECTIONS/DETAILS	9	M403	ENLARGED MECHANCIAL PLANS	28	E603	SCHEDULES	28
AS501	EXTERIOR DETAILS	28	M501	MECHANICAL DETAILS	28	OO Fine Dreates	Alama .	
AS502 AS520	EXTERIOR DETAILS LINK SCHEDULES, PLANS & DETAILS	28	M502	MECHANICAL DETAILS MECHANICAL DETAILS	28 28	08_Fire Protect FD101		FIC 20
AS601	ARCHITECTURAL SCHEDULES	9 28	M503 M601	MECHANICAL SCHEDULES	28	F100	DEMO FIRE PROTECTION PLAN - LEVEL 1,2 & ATT BASEMENT FIRE PROTECTION PLAN	28
AS700	BASEMENT REFLECTED CEILING PLAN	28	M602	MECHANICAL SCHEDULES  MECHANICAL SCHEDULES	28	F100 F101	FIRST FLOOR FIRE PROTECTION PLAN	28
	FIRST FLOOR REFLECTED CEILING PLAN							
AS701 AS702	SECOND FLOOR REFLECTED CEILING PLAN	28 28	M701 M702	MECHANICAL FLOW DIAGRAM HYDRONIC SCHEMES	28 28	F102 F103	SECOND FLOOR FIRE PROTECTION PLAN ATTIC FIRE PROTECTION PLAN	28 28
AS702 AS801	VERTICAL CIRCULATION	28 28	IVI <i>I</i> UZ	THE NOTICE SCHEWES	۷0	F103 F120	BUILDING 9 LINK FIRE PROTECTION PLAN	9
AS801 AS901	INTERIOR ELEVATIONS	28 28	06 Dlumbina			F IZU	DOILDING & LINK FIRE PROTECTION PLAN	9
AS901 AS920	CASEWORK DETAILS	28 28	06_Plumbing PD100	PLUMBING PLAN - BASEMENT DEMO	28			
A0320	ONOLWOIN DETAILS	20	PD100 PD101	PLUMBING PLAN - BASEMENT DEMO PLUMBING PLAN - FIRST FLOOR DEMO	28 28			
03_Interiors			PD101 PD102	PLUMBING PLAN - FIRST FLOOR DEMO PLUMBING PLAN - SECOND FLOOR DEMO	28 28			
US_ITILETIONS			PD102 PD103	ENLARGED PLUMBING DEMO PLANS	28			
			LD 103	FINEWLOPP LEGISIDING DEISIO LEGIS	۷٥			

#### **ABBREVIATIONS**

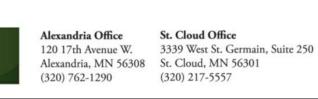
A/C	AIR CONDITIONER	DBL	DOUBLE	GA	GAUGE	MECH	MECHANICAL	REV	REVISIONS	THRU	THROUGH
ACT	ACOUSTIC CEILING TILE	DBL DTL.	DETAIL	GAL	GALLON	MEMB	MEMBRANE	R.H.	RIGHT HAND	THLD	THRESHOLD
AC PNI		DIA ( )	DIAMETER	GALV	GALVANIZED	MTL	METAL	R.I.	ROUGH-IN	T.O.	TOP OF
AFF	ABOVE FINISH FLOOR	DIA()	DIMENSION	G.B.	GRAB BAR	MFGR	MANUFACTURER	R.L.	RAIN LEADER	T.O.B.	TOP OF BEAM
ALT	ALTERNATE	DIV	DIVISION	G.C.	GENERAL CONTRACTOR	M.H.	MAN HOLE	RM.	ROOM		TOP OF FOUNDATION
APPRO		DN	DOWN	G.C. GEN	GENERAL CONTRACTOR  GENERAL	MKBD	MARKERBOARD	R.O.	ROUGH OPENING	T.O.FLR.	TOP OF FLOOR
	ANCHOR BOLT	DS	DOWNSPOUT	GEN	GLASS	MIN	MINIMUM	R.O. R&S	ROD & SHELF	T.O.FTG.	TOP OF FLOOR TOP OF FOOTING
A.B. A.H.U.	AIR HANDLING UNIT	D.T.	DRAIN TILE	GWB	GYPSUM WALL BOARD	MISC	MISCELLANEOUS	R.T.	RUBBER TILE	TLT	TOILET
	ALUMINUM		DISHWASHER	GYP	GYPSUM WALL BOARD	M.L.	METAL LATH	R.T.U.	ROOF TOP UNIT	T.P.	TELEPHONE POLE
ALUM		DW							RUBBER		TOILET PAPER DISPENSER
A.P.	ACCESS PANEL	()	DEGREE DISPENSER	H.B.	HOSE BIB	M.O.	MASONRY OPENING	RUB		T.P.D.	TREAD
ARCH	ARCHITECTURAL	DISP		H.C.	HOSE CABINET	MULL	MULLION	RCP	REFLECTED CEILING PLAN RECEPTICLE	TR	
ASPH	ASPHALT	DWG	DRAWING	H.D.	HEAVY DUTY	MTD	MOUNTED	REC		TRANSF	TRANSFORMER
DOME	DAGEMENT	DWL	DOWEL	UDUT	LIEAD LIEIOLIT	NIIO	NOT IN CONTRACT	RS	ROUGH SAWN	TYP	TYPICAL
BSMT	BASEMENT	<b>-</b> 4	E4011	HD HT	HEAD HEIGHT	N.I.C.	NOT IN CONTRACT	S.A.	SUPPLY AIR	TEL	TELEPHONE
BD	BOARD	EA	EACH	HDBD	HARDBOARD	NOM	NOMINAL	S.B.	SPLASH BLOCK	T.O.C.	TOP OF CURB
BLDG	BUILDING	E.C.	ELECTRICAL CONTRACTOR	HDWE	HARDWARE	N.T.S.	NOT TO SCALE	SC	SEALED CONCRETE	T.O.W.	TOP OF WALL
BLKG	BLOCKING	E.J.	EXPANSION JOINT	HM	HOLLOW METAL	NEC	NATIONAL ELECTRIC CODE	SCHED	SCHEDULE	UG	UNDERGROUND
B.O.	BOTTOM OF	ELEC	ELECTRICAL	HORIZ	HORIZONTAL	NO	NUMBER	S.D.	SEE DETAIL	U.H.	UNIT HEATER
B.P.	BUILDING PAPER	ELEV	ELEVATION	HT	HEIGHT			SECT	SECTION	UNEX	UNEXCAVATED
BRG	BEARING	E.P.	ELECTRICAL PANEL	HTG	HEATING	O.C.	ON CENTER	SF	SQUARE FOOT	UNFIN	UNFINISHED
B.U.R.	BUILT UP ROOFING	EQ	EQUAL	HTR	HEATER	O.D.	OUTSIDE DIAMETER	SGL	SINGLE	U.N.O.	UNLESS NOTED OTHERWISE
		EQUIP	EQUIPMENT	H.W.	HOT WATER	O.F.	OUTSIDE FACE	S.G.T.	STRUCTURAL GLAZED TILE	U.S.	URINAL SCREEN
CAB	CABINET	E.W.	EACH WAY	HDCP	HANDICAPPED	O.H.	OVERHEAD	SHT	SHEET	U.V.	UNIT VENTILATOR
C.B.	CATCH BASIN	E.W.C.	ELECTRIC WATER COOLER	HVAC	HEATING/VENTILATING/A/C	OPG	OPENING	SI	SQUARE INCH	U.T.R.	UNISEX TOILET ROOM
CC	CONTRACTOR PROVIDED	EXH	EXHAUST			OPP	OPPOSITE	SIM	SIMILAR		
	CONTRACTOR INSTALLED	EXP	EXPANSION	I.J.	ISOLATION JOINT	O.F.D.	OVERFLOW DRAIN	S.I.P.	STRUCTURAL INSULATED PANEL	VER	VERIFY
C.C.J.	CONSTRUCTION CONTROL JOINT	EXT	EXTERIOR	INSUL	INSULATION/INSULATING			SPECS	SPECIFICATIONS	VB	VINYL BASE
ÇG	CORNER GUARD	EXIST	EXISTING	INT	INTERIOR/INTERNAL	PART	PARTITION			VC	VA FURNISHED
CJ	CONTROL JOINT			INV	INVERT		ASTIC LAMINATE	SPK	SPEAKER		CONTRACTOR INSTALLED
CLG	CEILING	F/A	FIRE ALARM	ID	INSIDE DIAMETER	PLY	PLYWOOD	SPR	SPRINKLER	VCT	VINYL COMPOSITE TILE
CLR	CLEAR	F.B.	FACE BRICK			P.V.	PLUMBING VENT	SQ	SQUARE	VENT	VENTILATE(R)(ING)
CMU	CONCRETE MASONRY UNIT	F.C.O.	FLOOR CLEAN-OUT	JAN	JANITOR	P.V.C.	POLYVINYL CHLORIDE	S.S.	STAINLESS STEEL	VERT	VERTICAL
C.O.	CLEAN OUT	F.D.	FLOOR DRAIN	JST	JOIST	PREFIN	PREFINISHED	STL	STEEL	VOL	VOLUME
COL	COLUMN	F.D.V.	FIRE DEPARTMENT VALVE	J-BOX	JUNCTION BOX	PREP	PREPARED	STOR	STORAGE	V.ST.	VENT STACK
CONC	CONCRETE	F.E.	FIRE EXTINGUISHER			PLAS	PLASTIC	STRUCT	STRUCTURAL	V.T.R.	VENT THRU ROOF
CONST	CONSTRUCTION	F.E.C.	FIRE EXTINGUISHER CABINET	KD	KNOCK DOWN	PLN	PLAN	SUSP	SUSPENDED	VV	VA FURNISHED
CONT	CONTINUOUS	F.H.C.	FIRE HOSE CABINET			( )	PLATE	SW	SWITCH		VA INSTALLED
CONTR		FIN	FINISH	LAV	LAVATORY	( )	PLUS OR MINUS			VWC	VINYL WALL COVERING
CPT	CARPET	F.O.	FINISHED OPENING	L.D.	LOADING DOCK			TB	TACKBOARD	VWF	VINYL WALL FABRIC
C.T.	CERAMIC TILE	FLR	FLOOR	L.H.	LEFT HAND	Q.T.	QUARRY TILE	T.C.	TALL CABINET		
CTR	CENTER	FND	FOUNDATION	L.P.	LOW PRESSURE	QTR	QUARTER	TEMP	TEMPORARY	W/	WITH
C.U.H.	CABINET UNIT HEATER	F.O.S.	FACE OF STUD	LVL	LAMINATED VENEER LUMBER	RAD	RADIUS	T&G	TONGUE & GROOVE	W.C.	WATER CLOSET
CUST	CUSTODIAN	FP	FIRE PROOFING	LAM	LAMINATED	R.A.	RETURN AIR	T.H.	TOWEL HOOK	WD	WOOD
CW	COLD WATER	FT	FOOT/FEET	LGT	LIGHTING	R.A.F.	RETURN AIR FAN			WNDW	WINDOW
	CENTERLINE	FTG	FOOTING			R.A.G.	RETURN AIR GRILLE			W.H.	WALL HUNG
( )		FUR	FURRING	MAS	MASONRY	R.D.	ROOF DRAIN			W/O	WITHOUT
( )		FURN	FURNISH	MAT	MATERIAL	REC	RECESSED			W.P.	WATERPROOF
( )				MAX	MAXIMUM	REF	REFRIGERATOR			WSCT	WAINSCOT
( )											
( )				M.B.	MOP BASIN	REINF	REINFORCED			WS	WATER SOFTENER
()											

**100% CD SET** 











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STAINIP/SEAL.	
THEREBY CERTIFY THAT THIS PLA	
SPECIFICATION, OR REPORT WAS	PREPARED
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ALLIA.	
	MN 43619
DANIEL J. MILLER, AIA	REG. NO.
DANIEL J. MILLER, AIA	REG. NO.
DATE: 12-20-2013	



