three inches = one foot

one and one-half inch = one foot

one inch = one foot

three-quarter inch = one foot

one-half inch = one foot

three-eighths inch = one foot

one-eighth inch = one foot

ABBREVIATIONS

AC	AIR CONDITIONING UNIT
ACC	AIR COOLED CONDENSER
ACCU	AIR COOLED CONDSENSING UNIT
ACRCU	AIR COOLED RECIPROCATING CHILLER UNIT
ACU	ABSORPTION CHILLER UNIT
AD	ACCESS DOOR
AF	AFTER FILTER
AFCE	AIR FLOW CONTROL VALVE
AFM	AIR FLOW MEASURING DEVICE
AFW	AIR FOIL WHEEL
AHU	AIR HANDLING UNIT
AP	ACCESS PANEL
BD	BACKDRAFT DAMPER
BIW	BACKWARD INCLINED WHEEL
BG	BOTTOM GRILLE (WALL TYPE)
BR	BOTTOM REGISTER (WALL TYPE)
C	CONVERTOR
C	AIR COMPRESSED AIR
CC	COOLING COIL
CCF	CENTRIFUGAL CEILING FAN
CCU	CENTRIFUGAL OR HELICAL ROTARY SCREW CHILLER UNIT
CD	CEILING DIFFUSER
CF	CENTRIFUGAL FAN
CG	CEILING GRILLE
CO	CLEAN OUT
COMP.	COMPRESSOR
CONV.	CONVECTOR
COTR.	CONTRACT OFFICER TECHNICAL REPRESENTATIVE
CP	CONDENSATE PUMP
CR	CEILING REGISTER
CU	CONDENSING UNIT
CUH	CABINET UNIT HEATER
CW	COLD WATER
D	AUTOMATIC DAMPER
Db	DRY BULB TEMPERATURE
dB	DECIBELS
DD	DISCHARGE DAMPERS
Dp	DEWPOINT TEMPERATURE
DX	DIRECT EXPANSION
E/A	EXHAUST AIR
EC	EVAPORATIVE CONDENSER
ECC	ENGINEERING CONTROL CENTER
EDH	ELECTRIC COIL DUCT HEATER
EER	ENERGY EFFICIENCY RATIO
EF	EXHAUST FAN
EGW	ETHYLENE GLYCOL–WATER SOLUTION (% BY VOLUME)
EMD	END OF MAIN DRIP (STEAM)
ERC	ENERGY RECOVERY COIL
ERP	ELECTRIC RADIANT CEILING PANEL
EUH	EXPANSION TANK ET ELECTRIC UNIT HEATER
EWC	EVAPORATIVE WATER COOLER
EX.	EXISTING
FC	FLEXIBLE CONNECTION
FCU	FAN COIL UNIT
FD	FLOOR DRAIN
FLR.	FLOOR
F.DPR.	FIRE DAMPER
FS	FLOOR SINK
FTR	FIN TUBE RADIATION
GH	GRAVITY HOOD
HC	HEATING COIL
HD	HOOD
HE	HEAT EXCHANGER
HF	HEPA FILTER
HP	HORSEPOWER
HPR	HIGH PRESSURE STEAM CONDENSATE RETURN
HPS	HIGH PRESSURE STEAM
HRP	HYDRONIC RADIANT CEILING PANEL
HV	HEATING AND VENTILATING UNIT
HWS	HOT WATER SUPPLY
ICF	IN–LINE CENTRIFUGAL FAN
IEF	INDUSTRIAL EXHAUST FAN
IFB	INTEGRAL FACE AND BYPASS
IU	INDUCTION UNIT
LCD	LINEAR CEILING DIFFUSER
IV	INLET VANES
LPR	LOW PRESSURE STEAM CONDENSATE RETURN
LPS	LOW PRESSURE STEAM
LTCP	LOCAL TEMPERATURE CONTROL PANEL
LBS/HR	POUNDS PER HOUR
MB	MIXING BOX
MD	MOTORIZED DAMPER
MER	MECHANICAL ROOM
MPR	MEDIUM PRESSURE STEAM CONDENSATE RETURN
MPS	MEDIUM PRESSURE STEAM
MAX.	MAXIMUM
MIN.	MINIMUM
NC	NORMALLY CLOSED
NO	NORMALLY OPEN
O/A	NOMINAL NOM. OUTDOOR AIR
P	PUMP
PC	PUMPED CONDENSATE
PD	PRESSURE DROP
PEF	PROPELLER TYPE EXHAUST FAN
PF	PRE–FILTER
PFW	PUMPED FEED WATER
PGW	PROPYLENE GLYCOL–WATER SOLUTION
PH	PREHEAT
POD	POWER OPERATED, OPPOSED BLADE DAMPER
PPD	POWER OPERATED, PARALLEL BLADE DAMPER
PRV	PRESSURE REDUCING VALVE
R/A	RETURN AIR
RCU	RECIPROCATING CHILLER UNIT
RF	RETURN FAN
RH	REHEAT COIL
Rh	RELATIVE HUMIDITY
RV	POWER TYPE ROOF VENTILATOR
S/A	SUPPLY AIR
SA	SOUND ATTENUATING UNIT
SCD	SMOKE CONTROL DAMPER
SCR	SILICON CONTROLLED RECTIFIER
SD.	SMOKE DAMPER
Sp. Gr.	SPECIFIC GRAVITY

ABBREVIATIONS

SH	STEAM HUMIDIFIER
SP	STATIC PRESSURE
SPS	STATIC PRESSURE SENSOR
TSE	TEMPERATURE SENSING ELEMENT
TWU	THRU WALL UNIT
UC	UNIT COOLER
UH	UNIT HEATER
URV	UPBLAST POWER TYPE ROOF VENTILATOR
UV	UNIT VENTILATOR
V	VALVE
VAF	VANE AXIAL FAN
VCC	VOLUMETRIC CONTROL CENTER
VD	VOLUME DAMPER (MANUAL OPPOSED BLADE)
VE	VOLUME EXTRACTOR
VFD	VARIABLE FREQUENCY DRIVE
VI	VIBRATION ISOLATOR
VIV	VARIABLE INLET VANES
VP	VACUUM PUMP
VR	VACUUM STEAM CONDENSATE RETURN
VSMC	VARIABLE SPEED MOTOR CONTROLLER
Wb	WET BULB TEMPERATURE
WEF	WALL TYPE EXHAUST FAN
WF	WATER FILTER
WFMD	WATER FLOW MEASURING DEVICE
WFMS	WATER FLOW MEASURING STATION

EQUIPMENT SYMBOLS

EXISTING EQUIPMENT TO REMAIN

EXISTING EQUIPMENT TO BE REMOVED OR RELOCATED

AIR TERMINAL SYMBOLS

CONSTANT VOLUME TERMINAL UNIT WITH HEATING COIL. LETTER INDICATES SIZE.

VARIABLE VOLUME TERMINAL UNIT WITH HEATING COIL. LETTER INDICATES SIZE.

DOUBLE DUCT MIXING BOX. LETTER INDICATES UNIT SIZE.

FAN POWERED VARIABLE VOLUME TERMINAL UNIT WITH HEATING COIL. LETTER INDICATES SIZE.

GENERAL SYMBOLS

DIRECTION OF PIPE PITCH (DOWN)
DIRECTION OF FLOW
ANCHOR
REDUCER OR INCREASER
ECCENTRIC REDUCER
TOP CONNECTION, 45° OR 90°
BOTTOM CONNECTION, 45° OR 90°
SIDE CONNECTION
CAPPED OUTLET
RISE OR DROP IN PIPE
UNION
ORIFICE UNION
POINT OF CONNECTION BETWEEN NEW AND EXISTING WORK
LIMIT OF DEMOLITION
BLAST THERMOSTATIC TRAP
INVERTED BUCKET TRAP SET INCLUDING PIPING ACCESSORIES
FLOAT & THERMOSTATIC TRAP SET INCLUDING PIPING ACCESSORIES
THERMOSTATIC TRAP
STRAINER
THERMOMETER
PRESSURE GAGE
WATER FLOW MEASURING DEVICE
EXISTING PIPE TO REMAIN
EXISTING PIPE TO BE REMOVED

DRAWING SYMBOLS

2 / H4 — DETAIL NUMBER / DRAWING NUMBER WHERE DRAWN
A / H7 — SECTION LETTER / DRAWING NUMBER WHERE SHOWN
TYPICAL UNIT NO.
SUPPLY FAN NO.3 IN BUILDING NO.26
26–SF 3 — BUILDING NO. WHERE EQUIPMENT IS LOCATED.
EQUIPMENT ABBREVIATION (SUPPLY FAN)
ITEM (TERMINAL UNIT SHOWN)
TU–1–1 — ITEM NUMBER (TERMINAL UNIT NO.1)
SERVED BY SUPPLY FAN NO.1

LEGENDS

ECC	ENGINEERING CONTROL CENTER	WORK STATION FOR MONITORING OF SYSTEMS OPERATIONS, CONNECTED TO ECC.
F SD	DUCT SMOKE DETECTORS (FURNISHED AND WIRED TO FIRE ALARM PANEL BY ELECTRICAL)	PROVIDE SMOKE SIGNAL TO DCP.
	PRESSURE GAUGE	FILTER CONDITION INDICATOR (LOCAL)

PIPING SYMBOLS

HEATING

HIGH PRESSURE STEAM (60 PSIG AND ABOVE)
HIGH PRESSURE STEAM CONDENSATE RETURN
MEDIUM PRESSURE STEAM (16 PSIG THRU 59 PSIG)
MEDIUM PRESSURE STEAM CONDENSATE RETURN
LPS — LOW PRESSURE STEAM (15 PSIG AND BELOW)
LPR — LOW PRESSURE STEAM CONDENSATE RETURN
CONDENSATE PUMP DISCHARGE
FEED WATER PUMP DISCHARGE HOT WATER HEATING SUPPLY
HWR — HOT WATER HEATING RETURN
V — VENT LINE

AIR CONDITIONING

CWTT — CONDENSER WATER TO TOWER
CWFT — CONDENSER WATER FROM TOWER
HWS — HOT WATER HEATING SUPPLY
HWR — HOT WATER HEATING RETURN
CHS — CHILLED WATER SUPPLY
CHR — CHILLED WATER RETURN
RL — REFRIGERANT LIQUID
RS — REFRIGERANT SUCTION
RHG — REFRIGERANT HOT GAS
IWS — IRRIGATION WATER SUPPLY
D — MAKE–UP WATER DRAIN HEAT
TRACED PIPING

PLUMBING

2#	2 PSIG NATURAL GAS
AV	ACID VENT – BELOW GRADE
AV	ACID VENT – ABOVE GRADE
AW	ACID WASTE – BELOW GRADE
AW	ACID WASTE – ABOVE GRADE
C AIR	COMPRESSED AIR
DI	DEIONIZED WATER
	DOMESTIC COLD WATER
	DOMESTIC HOT WATER
180	DOMESTIC HOT WATER (TEMP. INDICATED)
	DOMESTIC RECIRCULATING HOT WATER
HARD	HARD COLD WATER
OSD	OVERFLOW STORM DRAIN – BELOW GRADE
OSD	OVERFLOW STORM DRAIN – ABOVE GRADE
RO	REVERSE OSMOSIS WATER
V	SANITARY VENT – BELOW GRADE
V	SANITARY VENT – ABOVE GRADE
SS	SANITARY WASTE – BELOW GRADE
W	SANITARY WASTE – ABOVE GRADE
SDT	SOIL DRAINAGE TILE
SOFT	SOFTENED COLD WATER (SCW)
SHW	SOFTENED HOT WATER
TW	TEMPERED WATER
SD	STORM DRAIN – BELOW GRADE
	STORM DRAIN – ABOVE GRADE
WWR	WELL WATER RETURN
WWS	WELL WATER SUPPLY
NPW	NON–POTABLE WATER
	EXISTING PLUMBING TO REMAIN
	EXISTING PLUMBING TO REMOVED

VALVE SYMBOLS

GATE VALVE
GLOBE VALVE
GATE VALVE WITH 3/4 " HOSE ADAPTER
CHECK VALVE
ANGLE GLOBE VALVE
BUTTERFLY VALVE
BALL VALVE
BALANCING VALVE
SHUT–OFF VALVE
CIRCUIT SETTER
STRAIGHT–THRU MODULATING CONTROL VALVE
STRAIGHT–THRU TWO POSITION CONTROL VALVE
THREE–WAY MODULATING CONTROL VALVE
AUTOMATIC FLOW CONTROL VALVE
SAFETY OR PRESSURE RELIEF VALVE
PRESSURE REDUCING VALVE
MANUAL AIR VENT
TEST PLUG (PRESSURE/TEMPERATURE)
BACKFLOW PREVENTER

CONTROLS SYMBOLS

T H — ROOM CONTROL: THERMOSTAT. HUMIDISTAT
T — REMOTE BULB THERMOSTAT
T — DUCT OR PIPE THERMOSTAT WITH AVERAGING ELEMENT. PROVIDE 12" (300 MM) MIN. LENGTH IN DUCT WHEN SPACE PERMITS.
T — DUCT THERMOSTAT WITH AVERAGING ELEMENT
T H — ROOM SENSOR: TEMPERATURE, HUMIDITY
T — DUCT OR PIPE TEMPERATURE SENSOR. PROVIDE 12" (300 MM) MIN. LENGTH IN DUCT WHEN SPACE PERMITS.
H — DUCT HUMIDITY SENSOR
DP — DUCT DEW POINT SENSOR
P — HYDRONIC DIFFERENTIAL PRESSURE SENSOR
T — DUCT TEMPERATURE SENSOR WITH AVERAGING ELEMENT
F S — SMOKE DETECTOR (SEE ELECTRICAL SPECIFICATIONS)
TEMPERATURE SENSING ELEMENT FOR TRANSMITTING TEMPERATURE TO INDICATOR ON LTCP. (PROVIDE 12 INCHES (205 MM) MINIMUM LENGTH IN DUCT WHEN SPACE PERMITS.)
A — SENSOR WITH AVERAGING ELEMENT TO TRANSMIT TEMPERATURE TO LTCP
M — CONTROL AIR MAIN
EP — ELECTRO–PNEUMATIC (EP) SWITCH
C — HOLDING COIL IN MOTOR STARTER
R2 — RELAY COIL
R2–A — CONTACT, NORMALLY OPEN (N.O.)
R2–B — CONTACT, NORMALLY CLOSED (N.C.)
SWITCH
R — PILOT LIGHT (RED)
H1 N — CONTROL CIRCUIT CONNECTION
R — PRESSURE REGULATOR

TERMINAL UNIT SYMBOLS

15.0MBH — CONVECTOR OR RADIATOR (RECESSED) NUMBER INDICATES 1 MBH=THOUSAND BTUH.
15.0MBH — CONVECTOR OR RADIATOR (WALL HUNG) NUMBER INDICATES 1 MBH=THOUSAND BTUH.
A FCU — FLOOR MOUNTED VERTICAL RECESSED FAN COIL UNIT. LETTER INDICATES UNIT SIZE.
A FCU — FLOOR MOUNTED VERTICAL CABINET FAN COIL UNIT. LETTER INDICATES UNIT SIZE.
A TWU — THRU WALL AIR CONDITIONING UNIT. LETTER INDICATES UNIT SIZE.
A WU — WINDOW TYPE AIR CONDITIONING UNIT. LETTER INDICATES UNIT SIZE.
A HP — FLOOR MOUNTED CABINET WATER TO AIR REVERSE CYCLE HEAT PUMP. LETTER INDICATES UNIT SIZE.
AIR CURTAIN
UNIT HEATER (HORIZONTAL)
UNIT HEATER (VERTICAL)
2' x 2' RADIANT CEILING PANEL
2' x 4' RADIANT CEILING PANEL

DUCTWORK SYMBOLS

FC — FLEXIBLE CONNECTION
VANED ELBOW (PROVIDE ALL SQUARE OR RECTANGULAR ELBOWS WITH VANES EVEN IF SYMBOL IS MISSING)
VANED ELBOW (SHORT RADIUS)
STANDARD RADIUS ELBOW
10x8 — NEW DUCT (WIDTH X DEPTH)
EXISTING DUCT TO BE REMOVED
LOUVER (LOUVER SPECIFIED IN ARCHITECTURAL SECTION.)
FLEXIBLE DUCTWORK (INSULATED)
DUCT WITH SOUND LINING
MD — MOTORIZED DAMPER
MANUAL VOLUME DAMPER
VD
FD — FIRE DAMPER
BDD — BACK DRAFT DAMPER
UP DN — SUPPLY DUCT (UP & DOWN)
UP DN — EXHAUST DUCT (UP & DOWN)
CEILING DIFFUSERS
SUPPLY TOP REGISTER OR GRILLE (WALL TYPE)
EXHAUST OR RETURN CEILING REGISTER OR GRILLE
EXHAUST OR RETURN BOTTOM REGISTER OR GRILLE (WALL TYPE)
EXHAUST OR RETURN REGISTER OR TOP GRILLE (WALL TYPE)
VANED ELBOW & AIR SPLIT TYPE DUCT TAKE–OFF
CONNECT NEW DUCT TO EXISTING DUCT
R — INCLINED RISE, IN DIRECTION OF AIR FLOW
D — INCLINED DROP, IN DIRECTION OF AIR FLOW
LIMIT OF DEMOLITION
S. DPR — N — SMOKE DAMPER
STAINLESS STEEL DUCT
OR — DOUBLE WALL CASING PANEL
MANUAL SPLITTER DAMPER
45° SUPPLY — STANDARD BRANCH SUPPLY OR RETURN, NO SPLITTER (45° TAP)
45° RETURN
DUCT MOUNTED COIL (HOT WATER OR STEAM COIL)
DUCT MOUNTED COIL (ELECTRIC)

SHEET INDEX

DWG ORDER	SHEET NUMBER	SHEET TITLE
5 of 28	1260–M0	MECHANICAL TITLE SHEET
6 of 28	1260–M1	BASEMENT MECHANICAL ROOM PLANS
7 of 28	1260–M2	70–AHBSW–1 PLANS
8 of 28	1260–M3	BASEMENT SPD DEMOLITION PLAN
9 of 28	1260–M4	BASEMENT INTERSTITIAL SPD DEMOLITION PLAN
10 of 28	1260–M5	BASEMENT SPD PLAN
11 of 28	1260–M6	BASEMENT INTERSTITIAL SPD PLAN
12 of 28	1260–M7	BASEMENT SPD SATELLITE ROOM PLANS
13 of 28	1260–M8	FIRST FLOOR SPD SATELLITE ROOM LOCATION PLAN
14 of 28	1260–M9	FIRST FLOOR SPD SATELLITE ROOMS PLANS
15 of 28	1260–M10	SECOND FLOOR SPD SATELLITE ROOM LOCATION PLAN
16 of 28	1260–M11	SECOND FLOOR SPD SATELLITE ROOMS PLANS
17 of 28	1260–M12	THIRD FLOOR SPD SATELLITE ROOM LOCATION PLAN
18 of 28	1260–M13	THIRD FLOOR SPD SATELLITE ROOMS PLANS
19 of 28	1260–M14	FOURTH FLOOR SPD SATELLITE ROOM LOCATION PLAN
20 of 28	1260–M15	FOURTH FLOOR SPD SATELLITE ROOM PLANS
21 of 28	1260–M16	SCI BUILDING SPD SATELLITE ROOM LOCATION PLAN
22 of 28	1260–M17	SCI BUILDING SPD SATELLITE ROOMS PLANS
23 of 28	1260–M18	MECHANICAL DETAILS
24 of 28	1260–M19	MECHANICAL DETAILS
25 of 28	1260–M20	MECHANICAL SCHEDULES

GENERAL NOTES:

1. THE FIRST FIGURE OF DUCT SIZE INDICATES DIMENSION OF FACE SHOWN OR INDICATED.
2. TOTAL STATIC PRESSURE NOTED IN THE SCHEDULES INCLUDES DUCT SYSTEM, TERMINAL UNITS, FILTERS, COILS, ETC.
3. DIFFUSER, REGISTER AND GRILLE SIZES SHOWN ON FLOOR PLANS ARE NECK SIZES.
4. ALL PIPE AND DUCT HANGERS MUST ATTACH TO STEEL STRUCTURE OF INTERSTITIAL SPACE LIGHTWEIGHT CONC. DECK.
5. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATIONS OF CEILING DIFFUSERS, REGISTERS, AND GRILLES.
6. ALL ITEMS THAT REQUIRE ACCESS, SUCH AS FOR OPERATING, CLEANING, SERVICING, MAINTENANCE AND CALIBRATION, SHALL BE EASILY AND SAFELY ACCESSIBLE BY PERSONS STANDING AT FLOOR LEVEL, OR STANDING ON PERMANENT PLATFORMS, WITHOUT THE USE OF PORTABLE LADDERS. EXAMPLES OF THESE ITEMS INCLUDE, BUT ARE NOT LIMITED TO: ALL TYPES OF VALVES, FILTERS AND STRAINERS, TRANSMITTERS, CONTROL DEVICES. PRIOR TO COMMENCING INTSALLATION WORK, REFER CONFLICTS BETWEEN THIS REQUIREMENT AND CONTRACT DRAWINGS TO THE COTR FOR RESOLUTION.
7. FIRE CAULK DUCT AND PIPE PENETRATIONS THROUGH INTERSTITIAL FLOOR DECK.
8. PROVIDE MINIMUM OF 30 DAY NOTICE TO CONTRACT OFFICER TECHNICAL REPRESENTATIVE (COTR) FOR EXISTING MECHANICAL/ELECTRICAL SYSTEM SHUT–DOWNS.
9. COORDINATE INTERSTITIAL DECK REPAIR WITH GENERAL CONTRACTOR.
10. ALL AIRFLOW QUANTITIES SHOWN ON PLAN ARE AS–BUILT NUMBERS. BALANCING CONTRACTOR IS RESPONSIBLE TO VERIFY ALL AIRFLOW QUANTITIES PRIOR TO ANY CONSTRUCTION AND FINAL–BALANCING AFTER CONSTRUCTION.
11. ALL NEW SUPPLY AIRFLOW QUANTITIES IN SPD ROOMS ARE MINIMUMS.

100% CD ISSUE

FULLY SPRINKLERED

REVISIONS		DATE
ADDENDUM #3		02/18/13
ADDENDUM #1		02/05/13

GENERAL NOTES:

GENERAL CONTRACTOR AND/OR ALL SUBCONTRACTORS SHALL FIELD VERIFY ALL DIMENSIONS SHOWN ON THESE PLANS AND SHALL BE RESPONSIBLE FOR VARIATIONS BETWEEN PLAN DIMENSIONS AND ACTUAL FIELD DIMENSIONS. WHERE VARIATIONS ARE FOUND TO OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IN WRITING PRIOR TO PROCEEDING WITH CONSTRUCTION; NO ADJUSTMENT TO THE WORK WILL BE MADE WITHOUT THE PRIOR APPROVAL OF THE PROJECT ENGINEER.

GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR GENERAL DEMOLITION INCLUDING REMOVAL OF WALLS, PARTITIONS, DOORS & CEILING & FLOORS. ANY AND ALL CUTTING OF CONCRETE FLOORS, WALLS OR STRUCTURE SHALL BE THE GENERAL CONTRACTOR'S RESPONSIBILITY. CORE DRILLING THROUGH CONCRETE WALLS, FLOORS OR STRUCTURE FOR PIPING OR CONDUIT SHALL BE THE RESPONSIBILITY OF THE SUBCONTRACTOR BY TRADE; FIRESTOPPING OF THESE OPENINGS SHALL BE DONE BY THE RESPECTIVE SUBCONTRACTOR. REMOVAL OF DEBRIS RESULTING FROM DEMOLITION, CUTTING, AND/OR DRILLING IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR. PATCHING AND REPAIR OF CONCRETE WALLS, FLOOR, OR STRUCTURE SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR; THIS WILL BE ACCOMPLISHED UPON COMPLETION OF THE INSTALLATION OF ANY AND ALL UTILITIES INSTALLED BY THE VARIOUS SUBCONTRACTORS.

TRUE NORTH
PLAN NORTH

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 Engineer under the laws of the State of Minnesota.
CLARITAS HEARTLAGE
Date 05/13/2012 Reg. No. 43804

Drawing Title: MECHANICAL TITLE SHEET
Project Title: VA SPD HVAC IMPROVEMENTS
Project No.: 618-12-127
Building Number: 70
Drawing Scale: AS NOTED
Plot Scale: 12" = 1'–0"
Approved: Cynthia Doolittle, Chief, Projects Section
Approved: Steven Challeen, Director, Engineering
Location: V.A. MEDICAL CENTER ONE VETERANS DRIVE MINNEAPOLIS, MN 55417
Date: 05/13/2012
Checked: GW
Drawn: GB
DRAWING NO.: 1260-M0
Dwg. 5 Of 28

Office of Facilities Management
Department of Veterans Affairs