

IMMUCELL CORPORATION ADDITION

PORTLAND, MAINE

ISSUED FOR CONSTRUCTION

JULY 25, 2014

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HARRIMAN

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Portland, ME 04101
207.775.0053

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Manchester, NH 03103
603.626.1242

GENERAL ABBREVIATIONS

SYMBOLS USED AS ABBREVIATIONS

L --- ANGLE
CL --- CENTER LINE
S --- PLATE
D --- DIAMETER
C --- CHANNEL
C --- SQUARE

ABBREVIATIONS

ART ABOUT
ACB ABOVE CEILING BELOW
AFF ABOVE FINISH FLOOR
AFG ABOVE FINISH GRADE
AP ACCESS PANEL
AC ACCESS DOOR
AL ACROUSTICAL LINING
ACT ACROUSTICAL TILE
ADJ ADJUSTABLE
A/C AIR CONDITIONING
ALT ALTERNATE
AL ALUMINUM
AB ANCHOR BOLT
APX APPROXIMATE
ARCH ARCHITECT (URAL)

BDD BACKDRAFT DAMPER
BJ BAR JOIST
BSMT BASEMENT
ESP ESKEL PLATE
BM BEARING PLATE
SM BENCH MARK
BIT BITUMINOUS
BLKG BLOCKING
BD BOARD
BOT BOTTOM
BOF BOTTOM OF FOOTING
B/W BOTTOM OF WALL
BTU BRITISH THERMAL UNIT
BLDG BUILDING

CAB CABINET UNIT HEATER
CPT CARPET (ED)
CI CAST IRON
CB CATCH-BASIN
CD CEILING DIFFUSER
CG CEILING GRILLE
CHT CEILING HEIGHT
CEM CEMENT (TENS)
CM CENTIMETER (S)
CER CERAMIC
CT CERAMIC TILE
CHBD CHALKBOARD
CHWS CHILLED WATER SUPPLY
CO CLEANOUT
CL CLOSET
CW COLD WATER
COL COLUMN
CONC CONCRETE
CMU CONCRETE MASONRY UNIT
CONN CONDENSATE RETURN
CONSTR CONSTRUCTION
CONT CONTINUE (O/S)
CONTR CONTRACT (O/S)
CJT CONCRETE JOINT
CV CONVECTOR
CORR CORRUGATED
CMP CORRUGATED METAL PIPE
CFM CUBIC FEET PER MIN.
CY CUBIC YARD
CULV CULVERT

DL DEAD LOAD
DMT DEMOUNTABLE
DTL DETAIL
DIA DIAGONAL
DIA DIAMETER
DIM DIMENSION
DIV DIVISION
DG DOOR GRILLE
DH DOUBLE HUNG
DF DOUGLAS FIR
DN DOWN
DWG DRAWING
DF DRINKING FOUNTAIN
DW DUCT WRAP

ES EACH SIDE
E EAST
EIFS EXTERIOR INSULATED FINISH SYSTEM
ELEC ELECTRIC (AL)
EM ELECTRIC MANHOLE
EP ELECTRIC PANEL
EWC ELECTRIC WATER COOLER
EL ELEVATION (S)
EQ EQUAL
EST ESTIMATE
EF EXHAUST FAN
ER EXHAUST REGISTER
EIX EXISTING
EB EXPANSION BOLT
EXP EXPANSION
EJ EXPANSION JOINT
EXT EXTERIOR

GA GAGE, GAUGE
GPM GALLONS PER MINUTE
GALV GALVANIZED
GV GATE VALVE
GC GENERAL CONTRACT (OR)
GL GLASS
GB GRAB BAR
GPDW GYPSUM DRY WALL

H HARDENER
HTG HEATING-VENTILATING-AIR CONDITIONING
HT HEIGHT
HPS HIGH PRESSURE STEAM
HM HOLLOW METAL
HORIZ HORIZONTAL
HB HOSE BIBB
HUB HUB
HTW HOT TEMPERATURE WATER
HW HOT WATER
HYD HYDRANT

ID INSIDE DIAMETER
INS INSULATE (D) (ON)
INT INTERIOR
INVERT INVERT
IPS IRON PIPE SIZE

JC JANITOR'S CLOSET
JT JOINT

K KIPS
KSI KIPS PER SQUARE INCH
KITCHEN KITCHEN

LAB LABORATORY
LAM LAMINATE (D)
LAV LAVATORY
LWF LAMIN FALCET
LIG LIGHTING
LD LINEAR DIFFUSER
LFE LINEAL FEET
LTL LINTEL
LL LIVE LOAD
LPS LOW PRESSURE STEAM
LW LOW TEMPERATURE STEAM
LW LIMIT OF WORK
LB (S) POUNDS

MH MANHOLE
MD MANUAL DAMPER
MFR MANUFACTURE (R)
MAS MASONRY
MOP MASONRY OPENING
MAX MAXIMUM
MECH MECHANICAL
MED MEDIUM
MET METAL
MT METAL THRESHOLD
METER (S)
MM MILLIMETER (S)
MIN MINIMUM
MISC MISCELLANEOUS
MOP MOP RECEPTOR
MOUNT MOUNTED
MUR MOUNTED DAMPER
MBH 1000 BRITISH THERMAL UNIT

NS NEAR SIDE
NC NORMALLY CLOSED
NO NORMALLY OPEN
N NORTH
NA NOT APPLICABLE
NTS NOT IN CONTRACT
No NOT TO SCALE

RAO RADIATION
RAD RADIUS
REF REFERENCE
REFR REFRIGERATOR
RA RETURN AIR
RG RETURN GRILLE
RR RETURN REGISTER
REV REVISION (S)
ROW RIGHT OF WAY
R RISER

RD ROOF DRAIN
RL ROOF LEADER
RM ROOM
RO ROUGH OPENING
RB RUBBER BASE

S SANITARY
SEC SECTION
SSK SERVICE SINK
SHT SHEET
SN SIMILAR
SK SINK
SNDK SNACK DAMPER
S SOLID
SMU SOLID MASONRY UNIT
SOUTH SOUTH
SPF SPRUCE PINE FIR SPECIFICATION (S)
SPEC SQUARE
SS STAINLESS STEEL
STD STANDARD
S STEEL
STL STORAGE

SD STORM DRAIN
SDMH STORM DRAIN MANHOLE
SA SUPPLY AIR
SF SUPPLY FAN
SG SUPPLY GRILLE
SR SUPPLY REGISTER
SYM SYMMETRY (ICAL)
SYS SYSTEM

TKBD TACKBOARD
TEL TELEPHONE
TV TELEVISION
TB TEST BORING
TBP TEST PIT
THERM THERMOSTAT
THK THICK (NESS)
TPTN TOILET PARTITION
T&G TONGUE & GROOVE
TOC TOP OF CONCRETE
TOF TOP OF FOOTING
TOS TOP OF STEEL
TL TOTAL LOAD
TD TRANSFER DUCT
TG TRANSFER GRILLE
TREAD TREAD
TD TRENCH DRAIN
TYP TYPICAL

UB UNDERDRAIN
UGD UNDERGROUND DUCTWORK
UH UNIT HEATER
UNLESS UNLESS NOTED OTHERWISE
UR URINAL
UV UNIT VENTILATOR

VAV VARIABLE AIR VOLUME
VENT VENT
VTR VENT THRU ROOF
VERT VERTICAL
VNB VINYL BASE
VCT VINYL COMPOSITION TILE
VFB VINYL FABRIC
VD VOLUME DAMPER

WCO WALL CLEANOUT
WG WALL GRILLE
WH WALL HUNG
WH WATER CLOSET
WC WATER CLOSET HANDCAP
WELD WELDED WIRE FABRIC
WV WEST, WIDTH, WIDE
WN WINDOW
W WITH
WO WITHOUT
WP WORKING POINT

SANITARY SECTION
SERVISE SINK SHEET
SIMILAR SINK
SNACK DAMPER
SOLID
SOLID MASONRY UNIT
SOUTH
SPRUC PINE FIR SPECIFICATION (S)
SQUARE
STAINLESS STEEL
STANDARD
STEEL
STORAGE

STORM DRAIN
STORM DRAIN MANHOLE
SUPPLY AIR
SUPPLY FAN
SUPPLY GRILLE
SUPPLY REGISTER
SYMMETRY (ICAL)
SYSTEM

TACKBOARD
TELEPHONE
TELEVISION
TEST BORING
TEST PIT
THERMOSTAT
THICK (NESS)
TOILET PARTITION
TONGUE & GROOVE
TOP OF CONCRETE
TOP OF FOOTING
TOP OF STEEL
TOTAL LOAD
TRANSFER DUCT
TRANSFER GRILLE
TREAD
TRENCH DRAIN
TYPICAL

UNDERDRAIN
UNDERGROUND DUCTWORK
UNIT HEATER
UNLESS NOTED OTHERWISE
URINAL
UNIT VENTILATOR

VARIABLE AIR VOLUME
VENT
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VINYL BASE
VINYL COMPOSITION TILE
VINYL FABRIC
VOLUME DAMPER

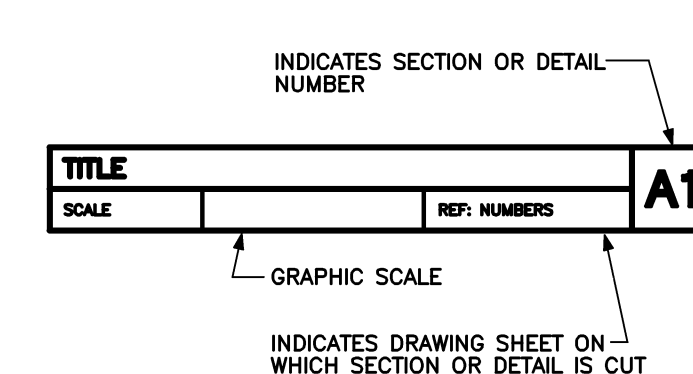
WALL CLEANOUT
WALL GRILLE
WALL HUNG
WATER CLOSET
WATER CLOSET HANDCAP
WELDED WIRE FABRIC
WEST, WIDTH, WIDE
WINDOW
WITH
WITHOUT
WORKING POINT

PANEL
PARALLEL
PARTITION
PLASTIC LAMINATE
PLATE
PLUMBING
PLYWOOD
PRESERVATIVE TREATED
POINT TO POINT
POLISHED WIRE GLASS
POLYVINYL CHLORIDE
POUNDS PER SQUARE FOOT
POUNDS PER SQUARE INCH
PREFINISHED
PROPERTY LINE
PUMP

QUARRY TILE

GRAPHIC LEGEND

BLOCK TITLE :



INDICATES SECTION OR DETAIL NUMBER

INDICATES DRAWING SHEET ON WHICH SECTION OR DETAIL IS CUT

BUILDING SECTION

WALL SECTION

ELEVATION

DETAIL

INDICATES SECTION OR DETAIL NUMBER

INDICATES DRAWING SHEET ON WHICH SECTION OR DETAIL IS SHOWN

COLUMN REFERENCE GRID

PARTITION TYPE MARKER - NON - RATED

PARTITION TYPE MARKER - FIRE-RATED 1 HOUR OR LESS

PARTITION TYPE MARKER - FIRE-RATED 2 HOURS OR MORE

INTERIOR ELEVATION MARKER

ROOM-SPACE NUMBER

EQUIPMENT NUMBER

DOOR OR BORROW LIGHT NUMBER

WINDOW TYPE

LEVEL LINE

REVISION

PROJECT NORTH (MAGNETIC NORTH ARROW USED ON PLOT SITE PLAN ONLY)

MATERIALS LEGEND

PLAN - SECTION

EARTH

POROUS FILL (STONE OR GRAVEL, ETC)

ROCK

LIGHTWEIGHT CONCRETE (OR CONCRETE FILL)

STRUCTURAL CONCRETE (CAST-IN-PLACE, PRECAST, ETC)

BRICK (COMMON OR FACE)

CONCRETE MASONRY UNITS

METAL (LARGE SCALE)

PLYWOOD (LARGE SCALE)

WOOD, FINISHED

WOOD, ROUGH

INSULATION (LOOSE OR BATT)

INSULATION (RIGID)

GLASS (LARGE SCALE)

CERAMIC TILE

GYPSUM WALL BOARD (FIBERBOARD, ETC.)

PLASTER, SAND, CEMENT, GROUT

ACOUSTICAL TILE

RESILIENT FLOORING

METAL (SMALL SCALE)

ELEVATIONS

CONCRETE, PLASTER

SHEET METAL

GLAZING

BRICK

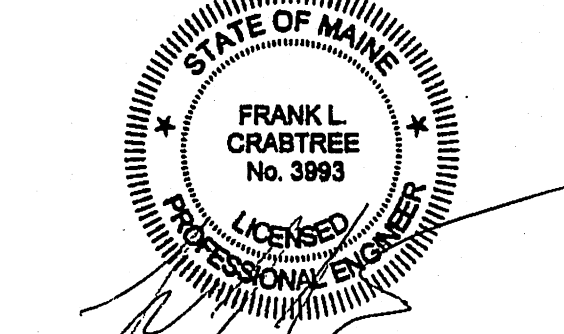
SPECIAL INDICATIONS

PARTITION CONSTRUCTION-PLAN

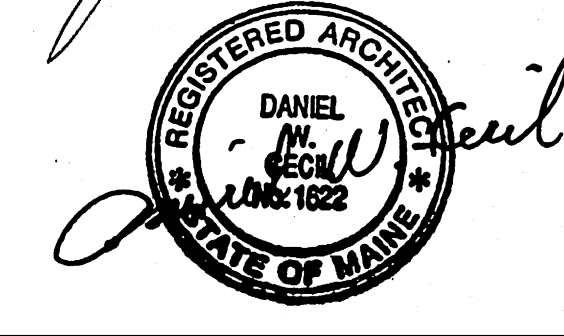
STEEL STUD

EXISTING TO REMAIN

Seal for Civil Drawings



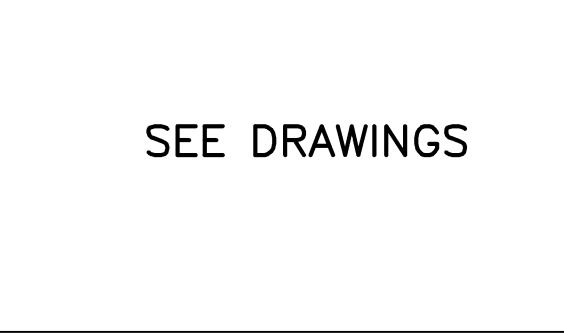
Seal for Architectural Drawings



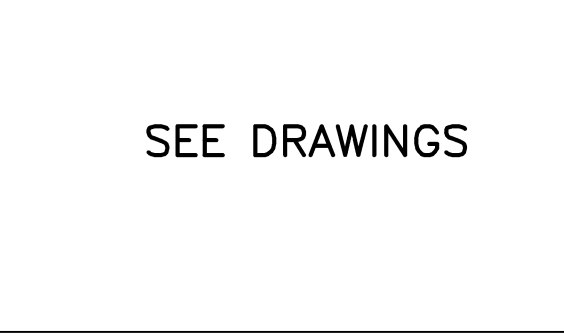
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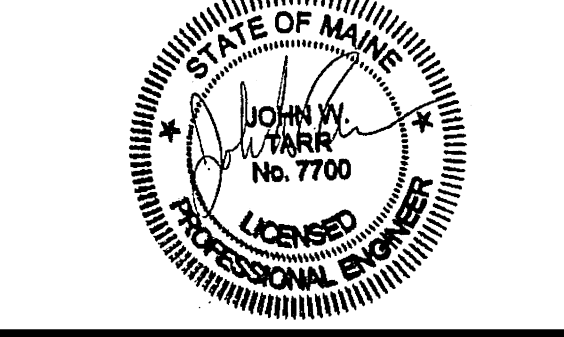
Seal for Plumbing Drawings



Seal for Mechanical Drawings



Seal for Electrical Drawings



SEE DRAWINGS

SEE DRAWINGS