



City of Milwaukee
Department of Neighborhood Services

Plan Approval Letter

November 14, 2025

MP ARCHITECTS

US Bank ATM Bollard Installation

Record #: COM-ALT-25-00724
Address: 939 W HISTORIC MITCHELL ST

Scope of Work: Install new steel bollards on ATM islands (4 thus). A total of (2) steel bollards per island will be installed in each island.
There are existing concrete bollards.

NOTE: A bollard most closely resembles a fence - thus has been given an FEN030 transaction code.

Dear MP ARCHITECTS,

The plan review for this project is complete and conditionally approved, subject to the following conditions:

- Proposed bollards are NOT placed in the right-of-way. No DPW permits or routing required.
- Bollards are permitted in all circumstances but may not be used to meet the minimum requirements of CMO Section 295-405-3-e-2.
- Bollards may not prevent someone from reaching controls in accordance with Access Board recommendations
- Note: 2021 IBC 1607.10 Relates to "vehicle barriers".
- The code requirements for bollards are also under IFC Section 312.
- All work to be in accordance with SPS 361.05, ICC A117.1-2009, and City of Milwaukee Ordinances Ch. 295.
- This conditional approval does not constitute a guarantee of endorsement that the plans and specifications are free of design defects or omissions; plan review oversights; that the systems will be installed in conformity with the plans; or, that the system will operate acceptably, even if installed in conformity with the plans, calculations, and specifications.
- Call Inspector in advance at (414) 286-2513 to schedule rough-in, open ceiling, and final inspections. All of the conditions of approval shall be satisfied prior to occupancy of the building. A set of approved plans must be kept at the job site at all times during construction.
- (All of the conditions of approval shall be satisfied prior to occupancy of the building.)

INDEX:

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A-1.0	DRIVE-UP ISLAND PLAN
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CUSTOMER

939 W HISTORIC MITCHELL ST
COM-ALT-25-00724



COMMISSIONER OF NEIGHBORHOOD SERVICES
MILWAUKEE, WI
PLANS CONDITIONALLY APPROVED
Subject to s.200-23 City of Milwaukee Code of Ordinances
BY [Signature] DATE 11/14/25
SEE PLAN REVIEW LETTER AND/OR PERMIT FOR CONDITIONS
ADDITIONAL COMMENTS:



**Michael Peine
Architects**
Commercial - Industrial
Design/Build Partnering

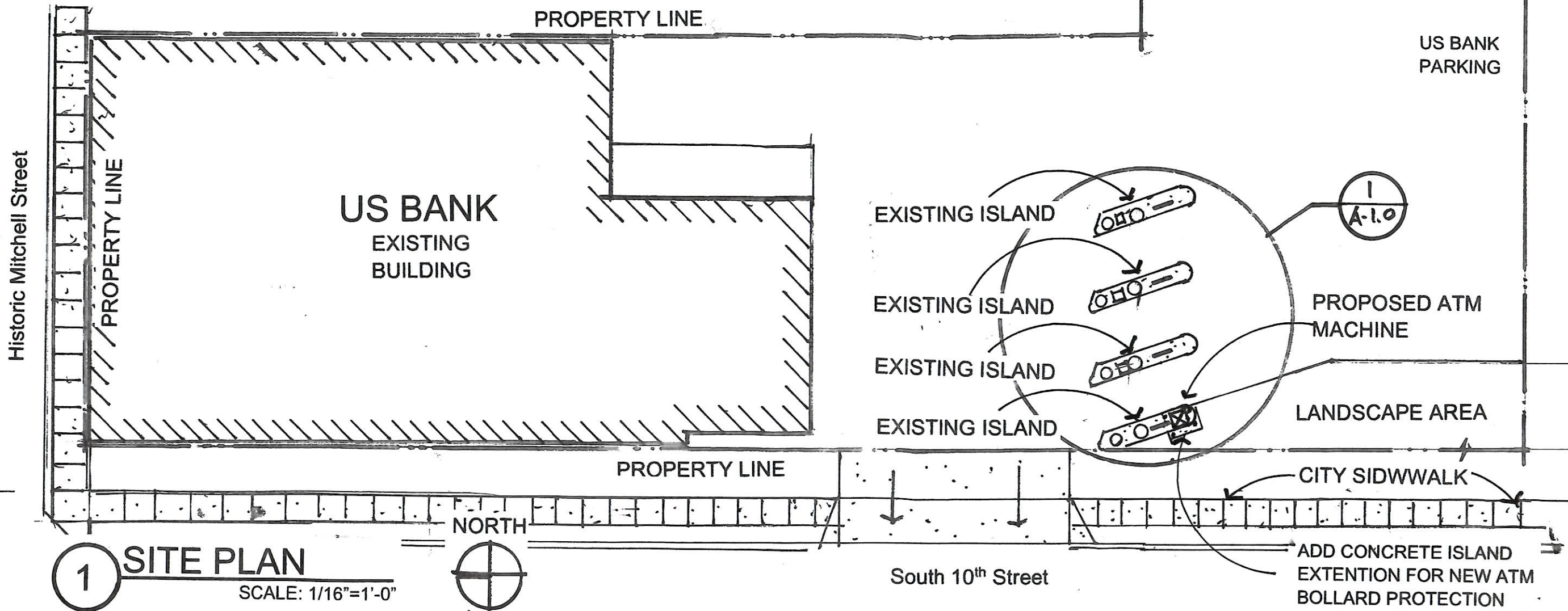
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US BANK
939 Historic W Mitchell
MILWAUKEE, WISCONSIN 53204
Drive-up ATM Installation

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T-1.0



10TH STREET

EXIT DRIVEWAY APRON

CITY SIDEWALK

ADD CONCRETE ISLAND
EXTENTION FOR NEW ATM
BOLLARD PROTECTION
STEEL COLUMN FRAME

PROPOSED ATM
MACHINE

NEW 6" CONCRETE FILLED
STEEL PIPE BOLLARD

LANDSCAPE AREA

PROPERTY LINE

ATM LANE #4

TELLER LANE #3

TELLER LANE #2

TELLER LANE #1

CONCRETE
BOLLARD

CONCRETE
DRIVE-UP ISLAND

NEW 6" CONCRETE FILLED
STEEL PIPE BOLLARD

CONCRETE FILLED
STEEL BOLLARD

CONCRETE
BOLLARD

CONCRETE
DRIVE-UP ISLAND

STEEL COLUMN FRAME

CONCRETE FILLED
STEEL BOLLARD

CONCRETE FILLED
STEEL BOLLARD

NEW 6" CONCRETE FILLED
STEEL PIPE BOLLARD

FINISHED GRADE

EXISTING CONCRETE
ATM ISLAND

NEW CONCRETE ISLAND
EXTENTION / BOLLARD
FOUNDATION

BOLLARD SECTION A-A

SCALE: 1/2"=1'-0"

NORTH



1

DRIVE-UP ISLAND PLAN

SCALE: 1/4"=1'-0"



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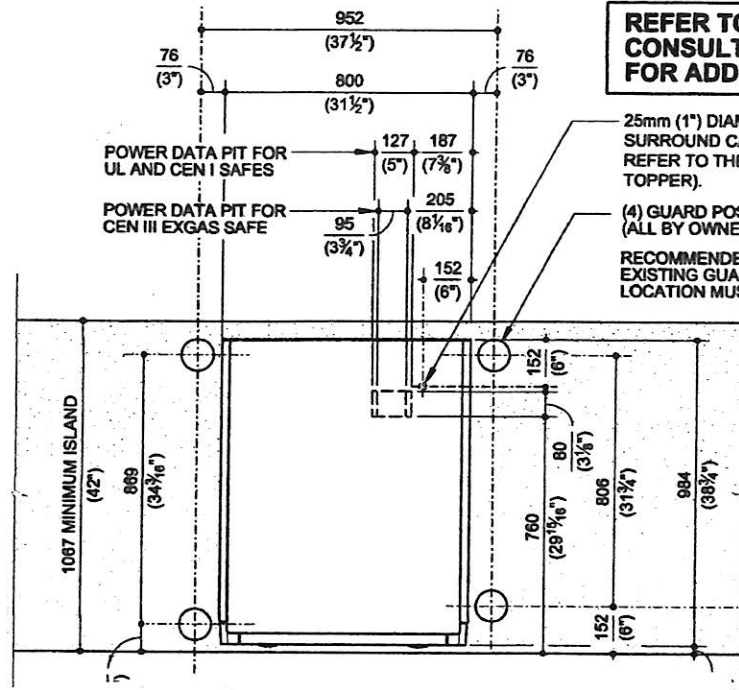
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A-1.0



DN SERIES™ 490 DRIVE-UP ISLAND UL, CEN I and CEN III EXGAS SAFES

CALL 1-800-999-3600



REFER TO INSTALLATION MANUAL # 01750337285.
CONSULT WITH DIEBOLD NIXDORF INSTALLATION/SERVICE
FOR ADDITIONAL DETAILS AND INFORMATION.

25mm (1") DIAMETER HOLE DRILLED THROUGH THE TOP OF THE DN490 FOR TOPPER OR SURROUND CABLE ENTRY. FOR INSTALLATION OF 3rd PARTY TOPPERS OR SURROUNDS, REFER TO THE APPENDIX OF INSTALLATION MANUAL # 01750337285 (INSTALLING A SYSTEM TOPPER).

(4) GUARD POST PIPES (102mm (4") DIA. SHOWN) FILLED WITH CONCRETE (ALL BY OWNER'S GENERAL CONTRACTOR).

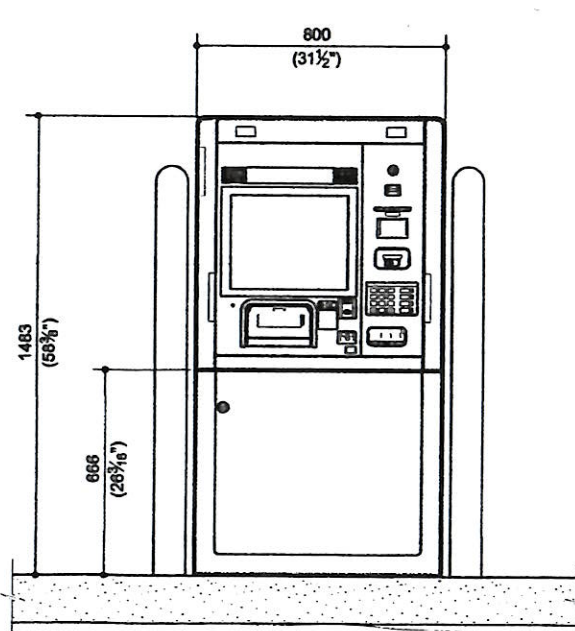
RECOMMENDED POSTS LOCATION FOR NEW CONSTRUCTION.
EXISTING GUARD POSTS MAY OR MAY NOT NEED RELOCATED.
LOCATION MUST NOT INTERFERE WITH SERVICE AREA REQUIREMENTS.

1 ATM ISLAND PLAN
SCALE: 1/4"=1'-0"

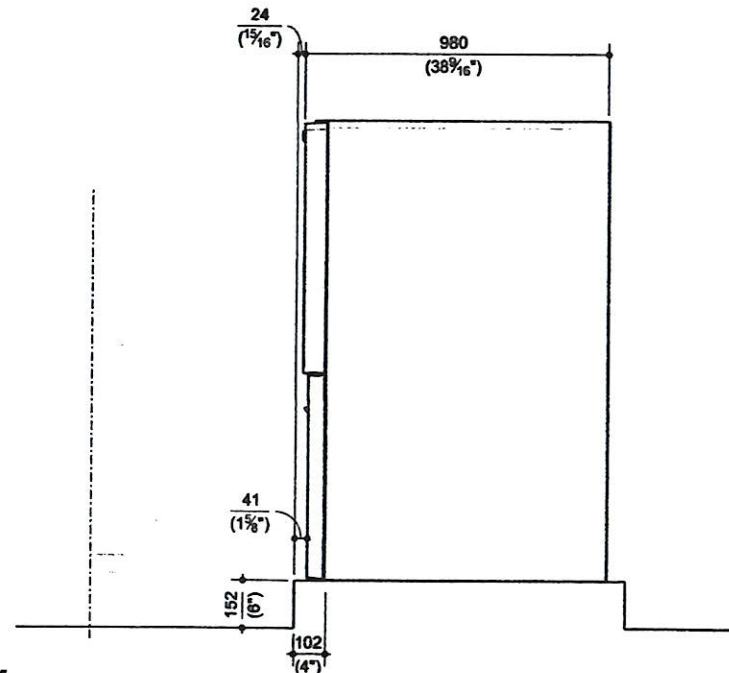
NOTE:

DIEBOLD NIXDORF ATMS ARE SPECIFICALLY DESIGNED TO MEET VARIOUS USER CRITERIA FOR DRIVE-UP AND WALK-UP APPLICATIONS INCLUDING REACH, PRIVACY AND SCREEN VIEW ABILITY. A DRIVE-UP ATM USED IN A WALK-UP APPLICATION MAY RESULT IN REDUCED USER PRIVACY. AN OPTIONAL KEYPAD PRIVACY SHIELD IS RECOMMENDED IN THIS APPLICATION.

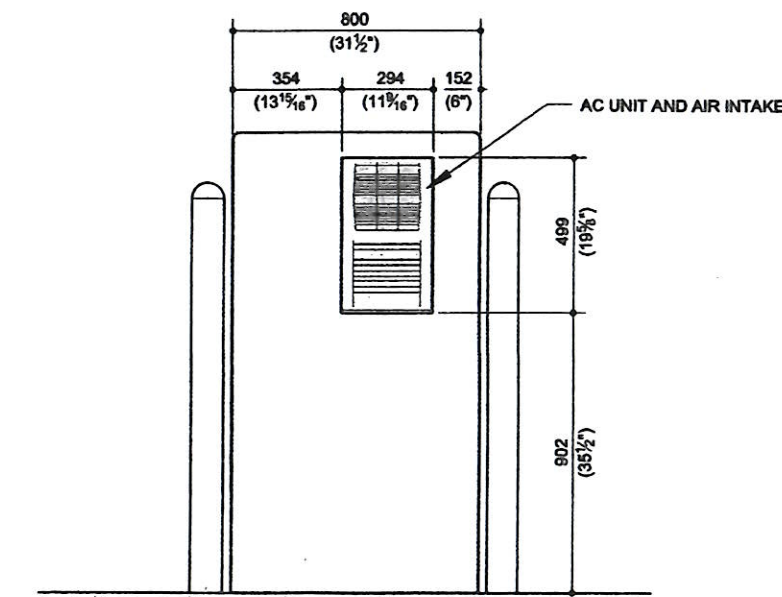
THE CUSTOMER ACCEPTS ALL RESPONSIBILITY FOR ANY REDUCTION IN USER CONVENIENCE, VISIBILITY AND PRIVACY RISK ISSUES ASSOCIATED WITH USING DIEBOLD NIXDORF ATMS OUTSIDE OF THEIR INTENDED APPLICATIONS.



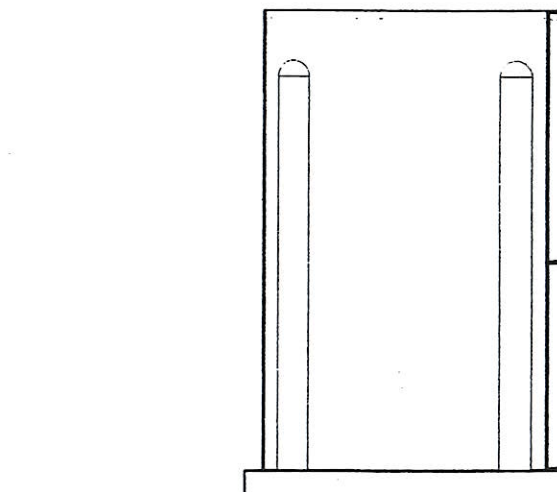
2 EAST ATM ELEV.
SCALE: 1/2"=1'-0"



SECTION



3 WEST ATM ELEV.
SCALE: 1/2"=1'-0"



4 SOUTH ATM ELEV.
SCALE: 1/2"=1'-0"

DN SERIES™ 490 DRIVE-UP ISLAND UL, CEN I and CEN III EXGAS SAFES

SPECIFICATIONS

POWER REQUIREMENTS:

THE ATM REQUIRES SINGLE-PHASE THREE WIRE UNSWITCHED POWER. WIRING TO THE ATM MUST USE A THIRD-WIRE EARTH GROUND (CONDUIT GROUND IS NOT ACCEPTABLE). THE POWER SUPPLIED MUST BE AS SPECIFIED BELOW.

CHOOSE AND SUPPLY THE PROPER POWER FOR THE SITE:

- 100-127 VAC (+6%, -10%) AT 50 (±1%) Hz, SINGLE-PHASE
- 100-127 VAC (+6%, -10%) AT 60 (±1%) Hz, SINGLE-PHASE
- 200-240 VAC (±10%) AT 50 (±1%) Hz, SINGLE-PHASE
- 200-240 VAC (±10%) AT 60 (±1%) Hz, SINGLE-PHASE

POWER TO THE ATM IS TO BE A DEDICATED SERVICE AND MUST BE PROTECTED BY A SAFETY QUICK-DISCONNECT DEVICE TO BREAK LINE VOLTAGE (SUCH AS A CIRCUIT BREAKER AT THE ELECTRICAL SERVICE PANEL). THE QUICK DISCONNECT DEVICE (OR CIRCUIT BREAKER) MUST TURN OFF THE LINE VOLTAGE AT THE AMPERAGE SPECIFIED BELOW.

100-127 VAC SERVICE, DISCONNECT AT 30 AMPERES
200-240 VAC SERVICE, DISCONNECT AT 15 AMPERES

POWER USAGE:

MACHINE STATUS	TERMINAL CONFIGURED AS NOTED BELOW	WITH AIR CONDITIONER (+900 WATTS)	MAX. USAGE WITH A/C and BATTERY CHARGING (+130 WATTS)	WITH HEATERS (+1400 WATTS)	MAX. USAGE WITH HEATERS and BATTERY CHARGING (+130 WATTS)
IDLE (NO TRANSACTION)	160 WATTS	1060 WATTS	1190 WATTS	1560 WATTS	1690 WATTS
OPERATION (MAXIMUM)	370 WATTS	1270 WATTS	1400 WATTS	1770 WATTS	1900 WATTS

TERMINAL CONFIGURATION:

AUTORIZED CARD READER, RECEIPT PRINTER WITH RETRACT, CASH IN/OUT RM4V, 15" SUNLIGHT VIEWABLE DISPLAY, HIGH PERFORMANCE PC, CONTACTLESS CARD READER, BATTERY INSTALLED, CHECK DEPOSIT AND (2) 700 W HEATERS.

THE POWER USE DEPENDS ON THE NUMBER AND TYPE OF DEVICES PRESENT IN THE TERMINAL, AND THE TYPE OF TRANSACTION THE TERMINAL IS PERFORMING.

HEAT OUTPUT CONFIGURATION:

106 AVERAGE BTU/HR - USING 128kWh PER MONTH AS TYPICAL POWER CONSUMPTION. HEAT OUTPUT VALUE IS BASED ON APPROXIMATELY 240 TRANSACTIONS PER DAY AND ASSUMES NO ADDITIONAL POWER CONSUMPTION OR HEAT CONTRIBUTION FROM HEATERS IN COLD ENVIRONMENTS.

1,071 BTU/HR WHEN AIR CONDITIONER IS OPERATING.

1,780 BTU/HR WHEN HEATERS ARE OPERATING.

OPERATING ENVIRONMENT:

-35° C TO 50° C (-31° F TO 122° F)
15% TO 100% RELATIVE HUMIDITY.

CANOPY REQUIREMENT:

IT IS RECOMMENDED THE UNIT BE PLACED UNDER COVER/CANOPY FOR SUN PROTECTION, WATER INGRESS AND OPERATOR/SERVICE.

NOTE: IN ORDER TO ENSURE THE PROTECTION FROM WATER INGRESS THE FASCIA OF THE TERMINAL MUST BE PROPERLY SEALED AND LATCHED CORRECTLY. TO VERIFY IT IS HAS BEEN LATCHED CORRECTLY, THE USER CAN PULL ON THE FASCIA TO ENSURE NEITHER SIDE PULLS OUT.

WEIGHT OF UNIT:

UL and CEN I — 907kg (2,000 LBS.)
CEN III EXGAS — 1004kg (2,209 LBS.)

ALARM PROTECTION:

THE SAFE IS EQUIPPED WITH A BASIC ALARM SENSOR PACKAGE. THE BASIC PACKAGE INCLUDES A SAFE DOOR OPEN SWITCH, ALARM SHUNTING SWITCH, AND RATE-OF-RISE HEAT SENSOR.

RECOMMENDED ISLAND:

1068mm (3'-6") WIDE X 152mm (6") HIGH X 203mm (8") MIN. THICKNESS

PHYSICAL SECURITY:

UL SAFE

THE SAFE MEETS THE REQUIREMENTS OF UL STANDARD 291 LEVEL 1 FOR AUTOMATED TELLER SYSTEMS FOR 24 HOUR SERVICE. THE SAFE DOOR IS PROVIDED WITH UL LISTED RELOCKING DEVICES AND A UL LISTED GROUP 1 ELECTRICAL LOCK WITH SINGLE OR DUAL COMBINATION LOCK.

TO MEET REQUIREMENTS OF UL 291, DIEBOLD NIXDORF RECOMMENDS (4) M20 ANCHOR BOLTS THAT ARE 170mm (6 5/8") LONG FOR PROPERLY SECURING THE UNIT (PART #01750308241). THE OVERALL DRILLING DEPTH DEPENDS ON STRUCTURAL CONDITIONS. THE MOUNTING ANCHORS MUST BE LOCATED AT LEAST 125mm (4 7/8") DEEP IN THE LOAD BEARING CONCRETE (SEE DETAIL). ANCHOR BOLTS MUST BE USED IN ALL (4) AVAILABLE ANCHOR HOLES. IF MOUNTING KIT IS NOT PROVIDED, USE EQUIVALENT FASTENING MATERIAL. INSTALL ANCHORS IN ACCORDANCE WITH INSTALLATION TEMPLATE PART NUMBER #01750338732 (ALSO PROVIDED).

TO MEET REQUIREMENTS OF CEN, DIEBOLD NIXDORF RECOMMENDS (4) M20 ANCHOR BOLTS THAT ARE 170mm (6 5/8") LONG FOR PROPERLY SECURING THE UNIT (PART #01750308241). THE OVERALL DRILLING DEPTH DEPENDS ON STRUCTURAL CONDITIONS. THE MOUNTING ANCHORS MUST BE LOCATED AT LEAST 125mm (4 7/8") DEEP IN THE LOAD BEARING CONCRETE (SEE DETAIL). ANCHOR BOLTS MUST BE USED IN ALL (4) AVAILABLE ANCHOR HOLES. IF MOUNTING KIT IS NOT PROVIDED, USE EQUIVALENT FASTENING MATERIAL. INSTALL ANCHORS IN ACCORDANCE WITH INSTALLATION TEMPLATE PART NUMBER #01750338732 (ALSO PROVIDED).

CEN SAFES

THE SAFE MEETS THE REQUIREMENTS FOR EN 1143-1 CEN RESISTANCE GRADE FOR ATM SAFES.

TO MEET REQUIREMENTS OF CEN, DIEBOLD NIXDORF RECOMMENDS (4) M20 ANCHOR BOLTS THAT ARE 170mm (6 5/8") LONG FOR PROPERLY SECURING THE UNIT (PART #01750308241). THE OVERALL DRILLING DEPTH DEPENDS ON STRUCTURAL CONDITIONS. THE MOUNTING ANCHORS MUST BE LOCATED AT LEAST 125mm (4 7/8") DEEP IN THE LOAD BEARING CONCRETE (SEE DETAIL). ANCHOR BOLTS MUST BE USED IN ALL (4) AVAILABLE ANCHOR HOLES. IF MOUNTING KIT IS NOT PROVIDED, USE EQUIVALENT FASTENING MATERIAL. INSTALL ANCHORS IN ACCORDANCE WITH INSTALLATION TEMPLATE PART NUMBER #01750338732 (ALSO PROVIDED).

DIEBOLD NIXDORF M20 ANCHOR BOLTS (OR EQUIVALENT) MEET/EXCEED THE FOLLOWING RESISTANCE GRADE REQUIREMENTS WHEN PROPERLY INSTALLED:

CEN I and CEN III EXGAS SAFE: 50 kN (PULLOUT FORCE)



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Sent from my iPhone



Sent from my iPhone



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