PLENUM THAT ARE NOT RATED FOR USE IN A RETURN AIR CEILING

(PRE-TREATED), PVC PIPING/ CONDUIT AN OTHER SUCH MATERIALS

CEILING INSTALLATION: INSTALL ALL CEILING MATERIALS IN STRICT

ACCORDANCE WITH UL AND THE MANUFACTURER'S WRITTEN DIRECTIONS

AND RECOMMENDATIONS. SUSPENDED ACCOUSTICAL TILE CEILINGS TO BE INSTALLED ALSO ACCORDANCE WITH ASTM C636. NOTE THAT THE FREE

ENDS OF THE HANGER WIRES ARE TO BE WRAPPED TIGHTLY 3 FULL TURNS AROUND THE SAME WIRE ON THE OTHER SIDE OF THE COMPONENTS TO WHICH THE HANGERS ARE ATTACHED. WALL ANGLES TO

BE NOM. 1 X 1 UNO WITH HEMMED EDGES AND ARE MATCH THE OTHER

EXPOSED PORTIONS OF THE SUSPENSION SYSTEM. PROVIDE NOM 1/8" CONTINOUS SEALANT BEAD TO CLOSE THE GAP BETWEEN THE VERTEX

(CORNER) OF THE WALL ANGLE AND THE VERTICAL SURFACE TO WHICH THE ANGLE ABUTS.

CONCEALMENT OF UTILITY ITEMS: ALL VERTICAL AND HORIZONTAL PIPES, DUCTS, CONDUITS, CABLES AND ELECTRICAL CONDUCTORS AND OTHER SUCH UTILITY ITEMS IN FINISHED ROOMS AND AREAS THROUGHOUT THE PROJECT NOT OTHERWISE ENCASED IN MASONRY, CONCRETE, OR FIRE TREATED WOOD CONSTRUCTION SHALL BE CONCEALED FROM VIEW IN FINISHED SPACES WITH FURRED- IN GYPSUM BOARD CONSTRUCTION FINISHED TO MATCH THE FINISH OF THE SPACE IN WHICH SUCH

ARCHITECT'S APPROVED ESCUTCHEONS WHERE PIPES, CONDUITS, AND/OR CABLE PENETRATES FINISH MATERIALS SUCH AS GYPSUM BOARD OR ACOUSTICAL TILE OR OTHER FUNISH MATERIALS.

SEALANT/ CAULK AT GYPSUM BARD INSERTS: ALL ITEMS INSTALLED IN GYPSUM BOARD CONSTRUCTION ARE TO BE CAULKED ALL AROUND TO THE GYPSUM BOARD PRIOR TO THE APPLICATION OF PAINT FINISHES. CAULK TO BE APPROVED EQUAL TO TREMCO ACRYLIC LATEX.

FLOORING SEPARATION: PROVIDE SEPARATION BETWEEN ABUTTING NEW AND EXISTING FINISH FLOOR MATERIALS WHERE MATERIALS ARE DIFFERENT OR ABUT AT DIFFERENT LEVELS. SEPARATION TO BE ACCOMPLISHED BY USE OF MERCER VINYL MOULDINGS. MOULDING COLOR

TO BE SELECTED BY ARCHITECT FROM MANUFACTURER'S STANDARD COLORS OTHER THAN BROWN OR BLACK.

SUBFLOOR/ SLAB PREPARATION: FLASH PATCH TO ACHIEVE 1/4" IN 10'.

WALL FINISH: PAINT TO BE THE BEST QUALITY PRODUCT OF A SINGLE SOURCE GLIDDEN, DURON, MAB OR APPROVED EQUAL. PAINT PRODUCTS ARE TO BE APPLIED AND RECEIVING SURFACES ARE TO BE PREPARED IN

STRICT ACCORDANCE WITH MANUFACTURER'S WRITTEN DIRECTIONS AND RECOMMENDATIONS/ GUIDE SPECIFICATIONS. PAINT TO BE AS FOLLOWS:

-FOR STEEL SURFACE IN AN EXTERIOR ENVIRONMENT: TOUCH UP SHOP COAT AS REQUIRED AT CONNECTIONS, AT AREAS NOT YET PRIMED, AND AREAS WHERE RUST HAS OCCURRED AFTER FIRST REMOVING RUST, SCALE,

DUST AND DEBRIS, THEN PRIME COAT. THEN TOP COAT OF GLIDDEN 4550

-FOR STEEL SURFACES IN AN INTERIOR ENVIRONMENT: TOUCH-UP SHOP COAT AS REGUIRED AT CONNECTIONS, AT AREA NOT YET PRIMED, AND AREAS WHERE RUST HAS OCCURRED AFTER FIRST REMOVING RUST, SCALE DUST AND DEBRIS. THEN PRIME COAT. THEN TOP COAT OF GLIDDEN UH

-FOR ALUMINUM SURFACES IN AN INTERIOR ENVIRONMENT: REMOVE OILS, LUBRICANTS, DIRT AND OTHER FOREIGN MATERIALS. PRIME W/ GLIDDEN 5229 OR EQUAL. TWO TOP COATS WITH GLIDDEN 5950 OR EQUAL.

GLIDDEN 310 ALKYD UNDERCOATER; THEN TOP COAT OF GLIDDEN UH 8000

-FOR STAINED DOORS: PROVIDE FINISH EQUAL TO AWI #3 PREMIUM GRADE

"CONVERSION VARNISH ALKYD-UREA". SATIN FINISH REQUIRED. SHERWIN WILLIAMS OR EQUAL.

RELOCATED OR OF THOSE EXIST DOORS/ FRAMES LOCATED IN EXST
WALLS THAT ARE BEING PAINTED. FINISH ALL SIX SIDES OF NEW WOOD
DOORS. WHERE AN EXISTING SURFACE OUTSIDE THE SUBJECT AREA IS
PATCHED, PAINT ENTIRE SURFACE FROM CORNER TO CORNER TO MATCH

-PRIME ALL SURFACES RECEIVING WALL COVERING IN ACCORDANCE WITH THE WRITTEN RECOMMENDATIONS OF THE WALL COVERING MANUFACTURER.

FLOOR COVERING: WHERE CARPET REMOVAL INDICATED, REMOVE AND DISPOSE OF CARPET AND ITS ADHESIVE. PROVIDE ALL TOOLS MATERIALS, ADHESIVES AND ACCESSORIES REQUIRED.

INTERIOR FINISHES: INTERIOR FINISHES ARE TO BE IN ACCORDANCE WITH IBC/2006, SECTION 803. SUBMIT FLAME CERTIFICATES TO THIS OFFICE FOR ALL INTERIOR FINISHES SUPPLIED UNDER THIS CONTRACT PRIOR TO PURCHASING SUCH MATERIALS. PROVIDE INDICATED WALL, FLOOR AND BASE FINISH MATERIALS UNDER AND BEHIND ALL SHELVING, COUNTERS, CABINETS, LOCKERS AND OTHER SUCH ITEMS IN ADDITION TO PROVIDING SUCH MATERIALS IN OPEN AREAS, ROOMS AND CLOSETS. REPAIR OF

EXISTING FINISHES IN WORK AREAS WHEN COMPLETED IS TO BE AT LEAST EQUAL TO THE EXIST CONDITION. THE AREA SO REPAIRED IS NOT TO BE DISCERNIBLE WHEN VIEWED FROM A DISTANCE OF TEN FEET.

NOTE: ADHESIVES USED FOR INSTALLATION OF CARPET, VINYL FLOORING OR BASE, OR OTHER ITEMS TO HAVE THE LOWEST VOC CONTENT AVAILBLE AMONG THOSE RECOMMENDED BY THE MANUFACTURER OF THE FINISH MATERIAL. COMPLETE USE OF ADHESIVES TWO WEEKS PRIOR TO

OCCUPANCY OF THE SPACE. VENTILATE SPACE TO THE MAXIMUM EXTENT POSSIBLE DURING TWO WEEKS PERIOD FOLLOWING LAST USE OF

REINFORCE OPENINGS: ANY OPENING IN MASONRY WALLS, FLOORS OR ROOF STRUCTURE IS TO BE REINFORCED WITH STEEL LINTELS AND/ OF

SUCH OPENINGS WHERE LINTEL SIZE IS NOT INDICATED.

GRILLES, OTHER HVAC RELATED OPENINGS, FOR ELECTRICAL CONDUITS/ EQUIPMENT, DOORS AND OTHER SUCH PENETRATIONS OF EXISTING CONSTRUCTION. CONTACT THIS OFFICE IMMEDIATELY IN WRITING FOR ANY

SUPPORT FOR WALL MOUNTED ITEMS: AT EVERY WALL MOUNTED ITEM INDICATED, PROVIDE CMU OR METAL FRAMED PARTITION INDICATED ON PLAN BRACED TO STRUCTURE AND WITH CONCEALED FIRE TREATED WOOD

BLOCKING OR METAL FRAMING SECURED TO PARTITION TO SUPPORT ITEM INDICATED. SUCH WALL MOUNTED ITEMS TO BE INSTALLED TO SUPPORT A

MINIMUM POINT LOAD OF 250 POUNDS APPLIED AT ANY LOCATION ON THE

BLOCKING. AFTER BLOCKING IS INSTALLED, PATCH AND FINISH GYPSUM BOARD TO MATCH EXISTING.

ACCESS DOORS: PROVIDE HINGED STEEL CEILING AND/OR WALL MOUNTED ACCESS PANELS BY KARP TO ACCESS CONCEALED MECHANICAL, ELECTRICAL, PLUMBING OR OTHER SUCH UTILITY ITEMS. GC TO COORDINATE THE LOCATION OF SUCH ITEMS REQUIRING ACCESS DOORS

AND SUBMIT TO AND OBTAIN ARCHITECT'S APPROVAL OF ACCESS DOORS,

PANELS TYPES AND LOCATIONS PRIOR TO THE INSTALLATION OF ITEMS REGUIRING ACCESS DOORS AND PRIOR TO THE PURCHASE OF THE ACCESS DOORS. NOTE THAT ACCESS DOORS/ PANELS WITH UL LABEL FOR 90 MINUTES ARE REQUIRED IN FIRE RATED CONSTRUCTION. ACCESS DOORS/ PANELS IN GYPSUM BOARD CONSTRUCTION ARE TO HAVE A "MUD" FLANGE WHICH IS TO BE CONCEALED UPON THE INSTALLATION OF THE ACCESS DOOR! PANEL WITH GYPSUM JOINT COMOUND.

COORDINATE PARTITION FRAMING: NO FRAMING FOR ANY PARTITION IS TO BE ATTACHED TO ANY DUCTWORK OR OTHER MECHANICAL OR ELECTRICAL ITEM. WHERE DUCTWORK PREVENTS PARTITION FROM RUNNING STRAIGHT FROM SLAB TO SLAB, THE FRAMING SHALL BE

HEADED-OFF AND EXTENDED AROUND THE DUCTWORK, AND BRACED TO THE ADJACENT STRUCTURE AS REQUIRED TO MEET THE DEFLECTION

UNDERCUT EXISTING DOORS: UNDERCUT EXISTING UNLABELLED DOORS AS

REQUIRED TO CLEAR FINISH FLOOR MATERIALS PROVIDED UNDER THIS

LIMITATIONS NOTED ELSEWHERE IN THESE DRAWINGS.

WALL BASE: 4" HIGH BY 1/8" GA VINYL BASE UNO ON ALL GYPSUM BOARD WORK THAT ABUTS A FLOOR SURFACE. BASE TO MATCH

PRODUCTS TO BE GLIDDEN ULTRA-HYDE PRIMER SEALER 64897 OR APPROVED EQUAL.

-PAINT GYPSUM BOARD WORK: PAINT THE VISABLE SURFACES (BOTH INSIDE AND OUTSIDE ROOM) OF ALL EXIST DOORS/FRAMES BEING

-FOR WOOD SURFACES IN AN INTERIOR ENVIRONMENT: FIRST COAT

-FOR GYPSUM BOARD SURFACES (INTERIOR): TWO COATS LATEX LO LUSTER. ROLLER OR BRUSH APPLICATIONS ONLY. GLIDDEN UH 5800

CONSTRUCTION IS LOCATED. PROVIDE POLISHED CHROME OR OTHER

PLENUM. THIS INCLUDES BUT IS NOT LIMITED TO NON-TEFLON COATED CABLE, WOOD BLOCKING THAT HAS NOT BEEN FIRE TREATED

CEILING HEIGHT DIFFERENCES: UNLESS OTHERWISED DETAILED, WHERE EXISTING WALLS OR PARTITIONS ARE REMOVED AND A DIFFERENCE IN CEILING HEIGHTS EXIST IN ONE ROOM OR AREA, THE SPACE BETWEEN THE

CEILINGS SHALL BE SQUARED OFF HORIZONTALLY AND VERTICALLY WITH THE CEILING MATERIAL INDICATED FOR THE AREA AND ADJACENT

## FIRE CODE ANALYSIS AND BUILDING DATA Notes (Continued): AA. SAFETY GLAZING: PROVIDE TEMPERED GLASS TO MEET IBC/2009 SECTION 2406 IN EXISTING GLAZED OPENINGS WHERE REQUIRED BY CODE AND IN ANY NEW GLAZED OPENINGS AND/ OR DOOR VISION PANELS (EXCEPT IN

PROJECT NAME NEW ZEALAND EMBASSY 37 OBSERVATORY CIRCLE, N.W. WASHINGTON, D.C. 20008

BUILDING CODE

AB. DUCTWORK: DUCTWORK TO TO BE INSTALLED ABOVE THE LEVEL OF THE

OF DUCTWORK OR PIPING, CONTRACTOR TO COORDINATE THE LOCATIONSOF CEILING DIFFUSERS, SPRINKLER HEADS AND OTHER

MECHANICAL ITEMS IN THE CEILING SPACE WITH THE LOCATIONS OF WALLS, LIGHTS AND STRUCTURAL MEMBERS. REFLECT SUCH COORDINATION ON SHEET METAL SHOP DRAWINGS.

SERVICES ARE BEING PERFORMED SOLELY FOR THE BENEFIT OF OUR CLIENT. NO OTHER PERSON OR ENTILTY SHOULD RELAY UPON OUR

AE. REVIEW OF CONTRACT DOCUMENTS: THE CONTRACTOR SHALL BE LIABLE FOR DAMAGE RESULTING FROM ERRORS, INCONSISTENCIES, OR OMISSIONS INCLUDING BUT NOT LIMITED TO DIMENSIONS AND QUANTITIES, WHEN SUCH DEFICIENCIES COULD HAVE BEEN DETECTED BY THE

AF. AUTHORIZATION/ NOTICE TO PROCEED: NO WORK OR SERVICES OF ANY TYPE IS TO BE PERFORMED UNLESS AUTHORIZED IN WRITING BY THE OWNER. BY FORWARDING REVISED DRAWINGS, SKETCHES, OR OTHER

AG. PROTECTION OF FIRE RATED ASSEMBLIES: ALL OPENINGS IN FIRE RATED ASSEMBLIES (INCLUDING BUT NOT LIMITED TO WALLS, FLOORS, AND

WRITTEN OR VERBAL COMMUNICATIONS TO THE CONTRACTOR, THIS OFFICE IS NOT AUTHORIZING ANY CHANGE TO THE SCOPE OF THE OWNER-CONTRACTOR AGREEMENT OR TO THE COMPENSATION DUE TO THE CONTRACTOR. SUCH AUTHORIZATION CAN BE ONLY BE ISSUED BY THE

RATED OPENING PROTECTIVES THAT ARE EQUAL TO OR EXCEED THE FIRE RATING OF THE ASSEMBLY IN WHICH THE OPENING IS LOCATED. THIS INCLUDES BUT IS NOT LIMITED TO DOORS, WINDOWS, FIRE DAMPERS, DIFFUSERS, GRILLES, REGISTERS, AND OTHER SUCH ITEMS. ALL PENETRATIONS OF FIRE RATED CONSTRUCTION ASSEMBLIES BY PIPING,

DUCTS, CABLES, WIRES, CONDUITS, BUSWAYS AND OTHER SUCH ITEMS
ARE TO BE PROTECTED IN ACCORDANCE WITH THE SYSTEMS IN THE 2001

ASSEMBLY IN WHICH THE PENETRATION IS LOCATED. GC TO SELECT SYSTEM BASED ON EXISTING FIRE RATED ASSEMBLY AND TYPE OF ITEM

UL FIRE RESISTANCE DIRECTORY AND/ OR WHI 1996 CERTIFICATION LISTINGS FOR THE PENETRATING ITEM AND ASSEMBLY BEING

PENETRATING ASSEMBLY. GC TO SUBMIT SYSTEM TO ACHITECT/ ENGINEER FOR APPROVAL. THIS ALSO APPLIES WHEN PATCHING AN ABANDONED PENETRATION OF A FIRE RATED ASSEMBLY.

AH. FIRE PROTECTION SYSTEMS: MODIFY EXISTING SYSTEMS AS NOTED BELOW. DETAILED SYSTEM DESIGN TO BE PERFORMED BY THEY INSTALLING SUBCONTRACTORS OF THOSE SYSTEMS INCLUDING BUT NOT LIMITED TO PROVIDING PE CERTIFIED DRAWINGS. ALL MODIFICATIONS AND WORK TO BE IN ACCORDANCE WITH THE ADOPTED CODES AND REGULATIONS OF THE MONTOGOMERY CO. DEPT OF FIRE \$ RESCUE SERVICES. IN GENERAL DEVICES, METHODS, MATERIALS AND WORKMANSHIP TO BE AT LEAST EQUAL TO AND COMPATIBLE WITH EXISTING ITEMS EXCEPT AS NOTED BELOW:

-THE EXISTING WET PIPE SYSTEM IS TO MODIFIED TO MEET CODE IN THE

SUBJECT SUITE. DISTRICT OF COLUMBIA APPROVAL OF CHANGES REQUIRED

-PROVIDE STROBES AND AUDIBLE DEVICES IN ALL SPACES IN THE

PROJECT AREA AS REQUIRED BY CODE AND DISTRICT OF COLUMBIA REGULATIONS. MODIFY THE EXISTING BASE BUILDING FIRE ALARM CONTROL PANEL INCLUDING THE ADDITION OF AN EXTENDER

-FIRE ALARM AND SMOKE DETECTION SYSTEM TO BE ADDRESSABLE DIGITAL SYSTEMS. MODIFY AS REQUIRED BY CODE AND FIRE MARSHALL.

-FIRE EXTINGUISHERS TO BE PROVIDED BY THE TENANT WITHIN THE SUITE

PROVIDE: AS USED IN THESE DOCUMENTS, THE TERM "PROVIDE" MEANS

AJ. ROOFING: UNLESS OTHERWISED NOTED OR SHOWN ON THESE DRAWINGS, ALL ROOFING WORK TO BE PERFORMED IN ACCORDANCE WITH NATIONAL

ROOFING CONTRACTORS' ASSOCIATION DETAILS FOR THE TYPE OF EXISTING ROOF PRESENT, AND IN ACCORDANCE WITH THE STANDARD DETAILS OF THE MANUFACTURER OF THE EXISTING ROOFING SYSTEM. IN

CASE OF CONFLICT, THE MANUFACTURER'S STANDARD DETAILS WILL APPLY. ROOFING WORK TO BE PERFORMED BY FULL-TIME MECHANICS WITH A MINIMUM OF FIVE YEARS FULL-TIME EXPERIENCE IN ROOFING

PENETRATIONS ARE TIO BE SEALED WEATHER AND WATER TIGHT USING

SPONAGE DAM AND TREMCO DYMERIC SEALANT OR APPROVAL EQUAL. COLOR TO BE SELECTED BY ARCHITECT. SEALANT TO BE INSTALLED PER

BEALANT MANUFACTURER'S WRITTEN RECOMMENDATIONS. JOINT SIZE NOT

CONSTRUCTION OPERATIONS, RESTORING FINISHES AS REQUIRED TO "LIKE

CONDITIONS HAVE VARIED FROM THE CONTRACT SET OF DRAWINGS. THE FIELD SET OF DRAWINGS IS TO BE UPDATED AT LEAST ONCE PER WEEK AS REQUIRED AND IS TO INCLUDE THE WORK OF EACH TRADE INCLUDING

INCLUDING BUT NOT LIMITED TO ADVANCE NOTICE OF CONSTRUCTION OPERATIONS AND ADVANCE IDENTIFICATION IN WRITING OF ALL CONSTRUCTION PERSONNEL. USE OF TOBAACCO, ALCOHOL AND ILLEGAL DRUGS AT ANYTIME ON THE PREMISES (MEANING IN THE BUILDINGS OR ON THE PROPERTY) AND CARRYING OF ANY WEAPON AT ANYTIME ON THE PROMISES IN THE P

EXISTING DEMISING WALLS: GENERAL CONTRACTOR SHALL VERIFY IN FIELD THAT THE EXISTING DEMISING WALLS ARE SLAB-TO-SLAB AND SMOKE-TIGHT. REPAIR OR REPLACE AS REQUIRED.

ANUFACTURER'S ( EG, DIETRICH, GOLD BOND) RECOMMENDATIONS. REFER ALSO TO INDUSTRY REFERENCED ASTM STANDARDS (i.e., C-754,

2. ALL RATED PARTITIONS ARE TO BE CONSTRUCTED FROM FLOOR TO STRUCTURE ABOVE AND ALL OPENINGS ARE TO BE SEALED. REFER TO REFERENCED UL DESIGN DATA FOR DETAILED REQUIREMENTS.

L/360 MAXIMUM DEFLECTION FOR BRITTLE FINISHES (EG, CERAMIC - 5 PSF LATERAL LOAD, MINIMUM. CALCULATE REQUIREMENT FOR

- PROVIDE BRACING (EG, 1 1/2" COLD ROLLED CHANNELS) AT ONE SIDED

- SUBMIT MANUFACTURER'S DATA ILLUSTRATING COMPLIANCE WITH

4. WHEN A PARTITION IN THIS SCHEDULE IS NOTED TO BE EITHER FIRE OR ACOUSTICALLY RATED, THE CONTRACTOR SHALL CONSTRUCT THE PARTITION SO THAT IT FULLY COMPLIES WITH THE DETAILS OF THE

6. CONTRACTOR IS TO USE WATER RESISTANT "GREEN BOARD" AT ALL PARTITIONS USED IN ROOMS SUBJECT TO MOISTURE. THIS INCLUDES BUT IS NOT LIMITED TO RESTROOMS, GALLIES, AND LUNCHROOMS (@ PLUMBING

STRUCTURE ABOVE), MUST EXTEND TO & BE SEALED AGAINST THE UNDERSIDE OF THE FLOOR OR ROOF DECK ABOVE. ANY OPEN STRUCTURE

BELOW (EG, JOISTS) MUST BE FULLY ENCLOSED IN SIMILAR RATED

B. "SAFB" INDICATES THERMAFIBER SOUND ATTENUATION FIBER BLANKETS.

7. ALL FIRE AND ACOUSTICAL PARTITIONS (NOTED TO EXTEND TO

3. STUD SPACING & GAUGE IS TO BE SELECTED BY CONTRACTOR AND

APPROVED BY ARCHITECT. TO COMPLY WITH THE FOLLOWING PERFORMANCE CRITERIA:

- L/240 MAXIMUM DEFLECTION FOR TYPICAL FINISHES

- STUDS TO BE SPACED NOT GREATER THAN 24" O.C.

ELEVATOR SHAFTS.

ABOVE PERFORMANCE CRITERIA

REFERENCED TESTED ASSEMBLY

5. ALL DOOR JAMBS TO RECEIVE DOUBLE STUDS

ALL GYPSUM BOARD PARTITIONS ARE TO BE CONSTRUCTED IN ACCORDANCE WITH U.S. GYPSUM AND OTHER MAJOR GYPSUM

AK. PENETRATIONS: ANY PENETRATIONS OF THE BUILDING EXTERIOR WALLS

AL. TEMPORARY PROTECTION: PROVIDE TEMPORARY PROTECTION AS REQUIRED TO PROTECT ALL EXISTING INTERIOR AND FINISHES FROM CONSTRUCTION OPERATIONS. REPAIR ANY AND ALL DAMAGE CAUSED BY

AM. AS-BUILT DRAWINGS: AT PROJECT COMPLETION, GC TO FURNISH ONE ORGINAL AND TWO COPIES OF AS-BUILT DRAWINGS. SUCH DRAWINGS ARE TO BE BASED ON THE SUPERINTENDANT'S RED-MARKED FIELD SET OF

AN. SECURITY: COMPLY FULLY WITH LANDLORD'S SECURITY REQUIREMENTS

TO FURNISH AND INSTALL.

PENETRATED. THE "F" RATING OF THE PENETRATION PROTECTIVE DEVICE/ SYSTEM MUST EQUAL OR EXCEED THE FIRE RATING OF THE

CONSTRACTORS' DRAWING CHECK AND/ OR SHOWN DRAWING

PERFORMANCE OF THESE SERVICES TO OUR CLIENT, AND NO CLAIM AGAINST THIS OFFICE SHALL ACCRUE TO ANY THIRD PARTY AS A RESULT OF OUR AGREEMENT WITH OUR CLIENT OR FOR THE PERFORMANCE OR NON-PERFORMANCE OF ARCHITECTURAL SERVICES ON

AD. SERVICES OF BATES ARCHITECTS: THE SERVICES OF THIS OFFICE ARE

CEILING AND ITSFRAMING AND ABOVE THE TOPS OF RECESSED LIGHT

FIXTURES AND OTHER ITEMS RECESSED INTO THE CEILING. DUCTWORK LOCATIONS MUST BE COORDINATED WITH THE LOCATIONS OF OTHER

2006 INTERNATIONAL BUILDING CODE (IBC) WITH LOCAL AMENDMENTS 2006 NFPA 101 LIFE SAFETY CODE WITH LOCAL AMENDMENTS 2006 NFPA 72 NATIONAL FIRE ALARM CODE WITH LOCAL AMENDMENTS

2006 NFPA 13 INSTALLATION OF SPRINKLER SYSTEMS WITH LOCAL AMENDMENTS 2005 NFPA 70 NATIONAL ELECTRIC CODE WITH LOCAL AMENDMENTS

2006 ADA W/ CURRENT Washington DC AMENDMENTS, ACCESSIBILITY: COMAR 05.02.02, ADAAG & FFHAG 2006 INTERNATIONAL PLUMBING CODE WITH LOCAL AMENDMENTS

2006 INTERNATIONAL MECHANICAL CODE WITH LOCAL AMENDMENTS 2006 INTERNATIONAL ENERGY CODE & ENERGY CONSERVATION CODE WITH 2008 DC MUNICIPAL REGULATIONS

## USE GROUP

UPPER FLOOR

EXISTING USE: B- BUSINESS (OFFICE USE)/A3 (ASSEMBLY- NON-SEPERATED MIXED USE) BUILDING CONSTRUCTION TYPE

"IIB" CONSTRUCTION. NON-COMBUSTIBLE/ PARTIAL SPRINKLER, 2 STORY BUILDING W/ 2 STORY BABSEMENT GARAGE

#### FIRE RESISTANCE RATING OF STRUCTURAL ELEMENTS (IBC TABLE 601) (BASE SHELL BUILDING)

EXTERIOR WALLS- NON LOAD BEARING O HR 0 HR INTERIOR WALLS- NON LOAD BEARING FIRE SEPERATION WALLS NOT REQUIRED FIRE ENCLOSURE OF EXIT STAIRS 1 HRS EXIT ENCLOSURE 1 HRS SHAFTS 0 HRS INTERIOR LOAD BEARING WALLS, COLUMNS 0 HRS STRUCTURAL MEMBERS SUPPORTING WALLS 0 HRS 0 HRS FLOOR CONSTRUCTION INCLUDING BEAMS 0 HR ROOF CONSTRUCTION 15' OR LESS TO LOWEST MEMBER 0 HR ROOF CONSTRUCTION 15' OR MORE 0 HR CORRIDOR WALLS 1 HR TENANT SEPARATION WALLS

## DESCRIPTION OF NEW WORK

LEVEL	USE GROUP
1st FLOOR	PROPOSED: NO CHANGE

PROPOSED: NO CHANGE

SQUARE FOOTAGE (SCOPE OF WORK) 250 S.F. (SCOPE OF WORK)

SELECTIVE DEMOLITION & RENOVATION OF EXISTING 1ST FLOOR RECEPTION AREA.

UPGRADE TO FORCE ENTRY RESISTANCE ON DOORS AND WINDOWS AT RECEPTION NO NEW MECHANICAL OR PLUMBING WORK. MODIFY EXISTING ELECTRICAL WORK AS REQUIRED

UPGRADE TO FORCE ENTRY RESISTANCE ON DOORS AND WINDOWS AT UPPER LEVEL WEST WING

## FIRE ALARM DEVICES ARE EXISTING TO REMAIN. (REVISED AS NECCESSARY.) INSTALL NEW SECURITY SYSTEM.

## PROJECT TEAM

## BUILDING OWNER

NEW ZEALAND, MINISTRY OF FOREIGN AFFAIRS AND TRADE 195 LAMBTON QUAY, WELLINGTON PRIVATE BAG 18 901 WELLINGTON, NEW ZEALAND **TENANT** 

NEW ZEALAND EMBASSY CONTACT: LYNDSAY MIMNA 37 OBSERVATORY CIRCLE, N.W. WASHINGTON, D.C. 20008 202.328.4800 202.667.5227 (FAX)

IBC OCCUPANCY CLASSIFICATION

NUMBER OF STORIES ABOVE GRADE

FLOOR AREA / RENOVATION AREA

FULLY SPRINKLERED & MONITORED (Y/N)

SPECIFICATIONS

APPROVED EQUAL)

MODEL NO: 19503 (MOTORIZED)
HEIGHT RANGE: 26" TO 46.5"
FRAME COLOR: BLACK

AND GROMMET MOUNT BASES

USAW 400 (EXT)

COLOR: BRONZE ANODIZED

COMMUNICATION SYSTEM:

MFGR: AIPHONE CORPORATION

MFGR: AIPHONE CORPORATION

MODEL NO: IMU-100 (MAIN KIT)

SECUIRTY WINDOW INTERCOM SYSTEM:

Minutes Rated)

GRILLE & CLOSURE: BY DYNAMIC

CONTACT: 800.663.4599

CONSTRUCTION TYPE

COVERED MALL (Y/N)

HIGH RISE (Y/N)

## ARCHITECT

BATES ARCHITECTS, P.C. 121 NORTH COURT STREET, 2ND FLOOR FREDERICK, MARYLAND 21701 301.644.0444 301-644-0446 (FAX)

### SECURITY CONSULTANT

EXISTING BUILDING

B, A-3

PARTIAL

WALL- MOUNTED ALTITUDE TABLE BASE:
CONTACT: TABLELEGSONLINE.COM 877-220-3800 (OR

TABLE TOP: 31" WIDE BY 29.75" DEEP- (BY MILLWORK) LIFTING CAPACITY: 220 LBS (INCLUDING TOP)

PRODUCTS INCLUDES: LX ARM, EXTENSION, DESK CLAMP

MFGR: ERGOTRON (OR APPROVED EQUAL)
MODEL NO: 45-241-026 (POLISHED ALUMINUM) WITH
2ND EXTENSION ARM

VESA MIS- D COMPATIBLE DISPLAYS: UP TO 20 LBS

(REFER TO MFGR GUIDELINE)

MODEL NO: PORTCULLIS (OR APPROVED EQUAL)

KEY SWITCH & EMERGENCY SWITCH (see drawing for

DOOR \$ WINDOW:
FORCED ENTRY RESISTANT TYPE (AS3555.1 L2)(5
Minutes Rating) ON BOTH FRAME AND LAMINATED

PASS THRU DRAWERS (see drawings for size)/

MODEL No: IS-CCU (CENTRAL CONTROL UNIT)

IS-MY (MASTER STATION)

IMX-100 (ACOUSTIC TUBE)

IS-DV (VIDEO DOOR STATION)

IME-100 (GOOSENECK MICROPHONE)

MANUF: U.S. BULLET PROOFING (OR APPROVED EQUAL)

MODEL: DOOR- USAD 1000, WINDOW-USAW 300 (INT.)

SPEAKERS (see elevation/ section for type) SHALL BE

MANUF: U.S. BULLET PROOFING (OR APPROVED EQUAL) COLOR: BRONZE ANODIZED

FORCED ENTRY RESITANT TYPE(AS3555.1 L2) (5

THE PROTECTION ENGINEERING GROUP, INC. 14900 BOGLE DRIVE, SUITE 200 CHANTILLY, VA 20151 703.488,2297 703.488.9994 (FAX)

# ARCHITECTS

BATES ARCHITECTS, P.C.
ARCHITECTURE, SPACE PLANNING & CONSTRUCTION RELATED SERVICES FOR COMMERCIAL AND CORPORATE CLIENTS 121 NORTH COURT STREET, FREDERICK, MD 21701 FAX 301.644.0446 TEL 877.821.5953 WWW.BATESARCHITECTSPC.COM

## DRAWING LIST ARCHITECTURAL:

PROPOSED ALTERATION

B, A-3

PARTIAL

LOWER LEVEL-250

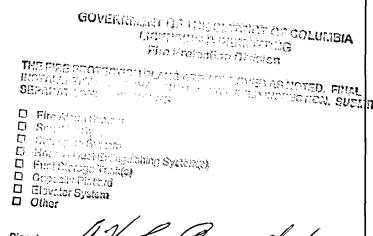
UPPER LEVEL -6

CS.1 Cover Sheet Data CS.2 Egress Plans

A.1 Plans, Elevations, Wall Sections A 2 Door Schedules, Details Finish Schedule

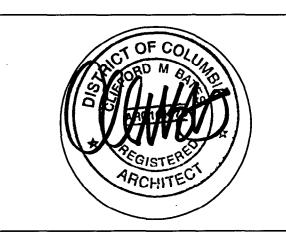
## SECURITY:

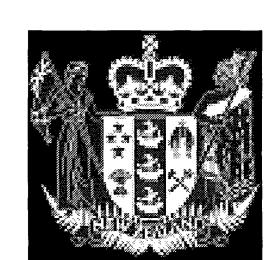
ES001-Reference Sheet-Electronic Sheet ES101 - Partial Floor Plan-Electronic Sheet



**Professional Certification** 

I, Clifford Bates, certify that this document was prepared or approved by me, and that I am duly licensed Architect under the laws of the District of Columbia, License number: ARC101775. Expiration date: April 30, 2012.





**New Zealand Embassy** Reception Area **Security Enchancements** 

37 Observatory Circle, N.W. Washington, D.C.

COVER SHEET DATA

Bates Architects. PC 2011 09001.01

Revisions:

FOR PERMIT AND CONSTRUCTION

Issue Date:

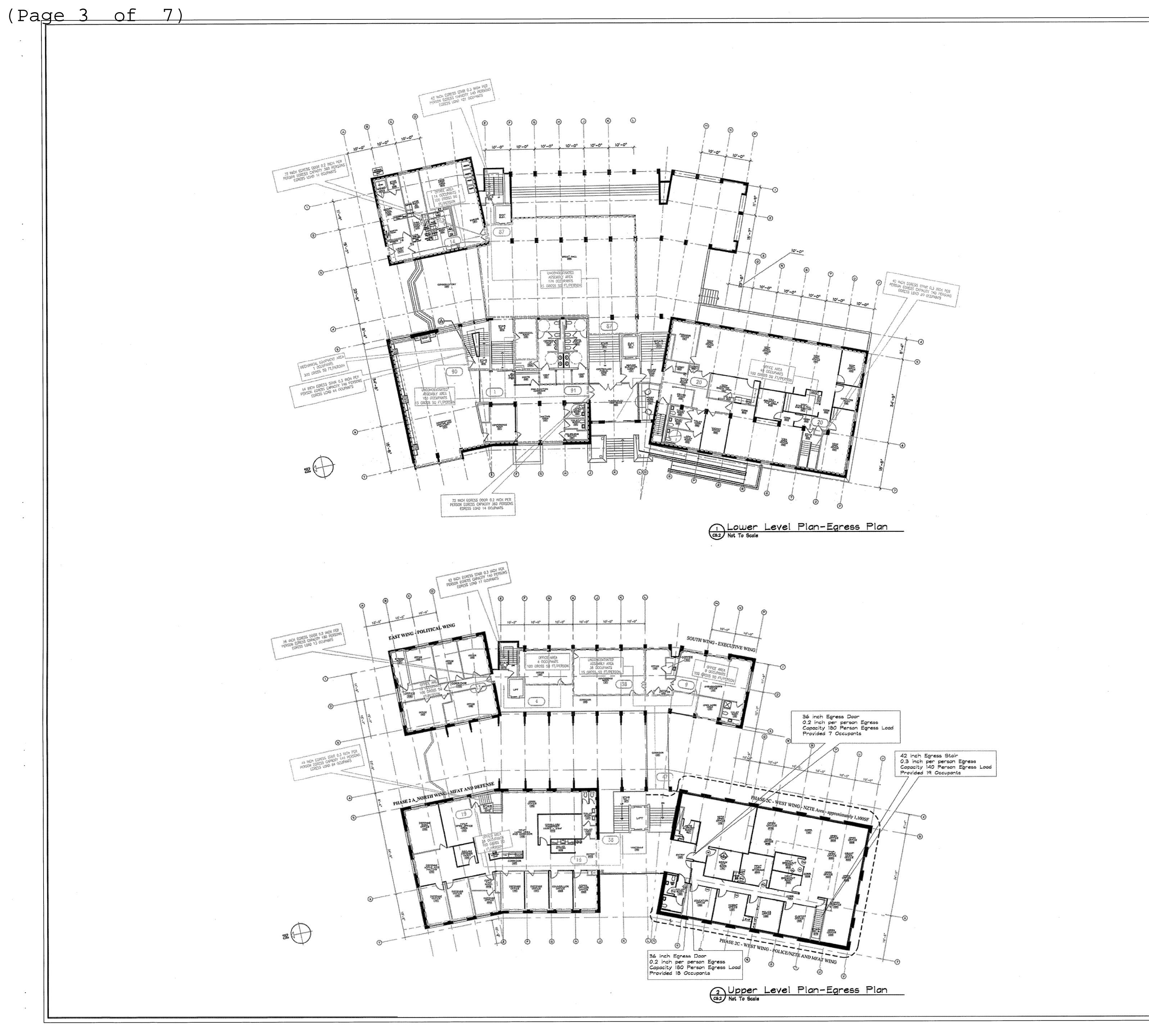
CS. 11-18-11

Sheet No.

11-18-2011

CONFIDENTIAL

NOT TO BE RELEASED TO ANY PERSON OR ORGANIZATION WITHOUT THE PRIOR WRITTEN CONSENT OF THE NEW ZEALAND EMBASSY, WASHINGTON, D.C.



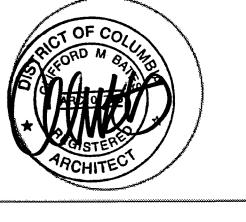


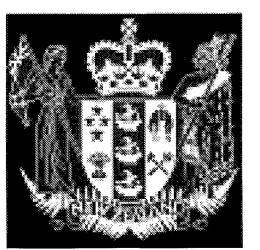
BATES ARCHITECTS, P.C.

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Professional Certification

I, Clifford Bates, certify that this document was prepared or approved by me, and that I am duly licensed Architect under the laws of the District of Columbia, License number: ARC101775, Expiration date: April 30, 2012.





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EGRESS PLANS

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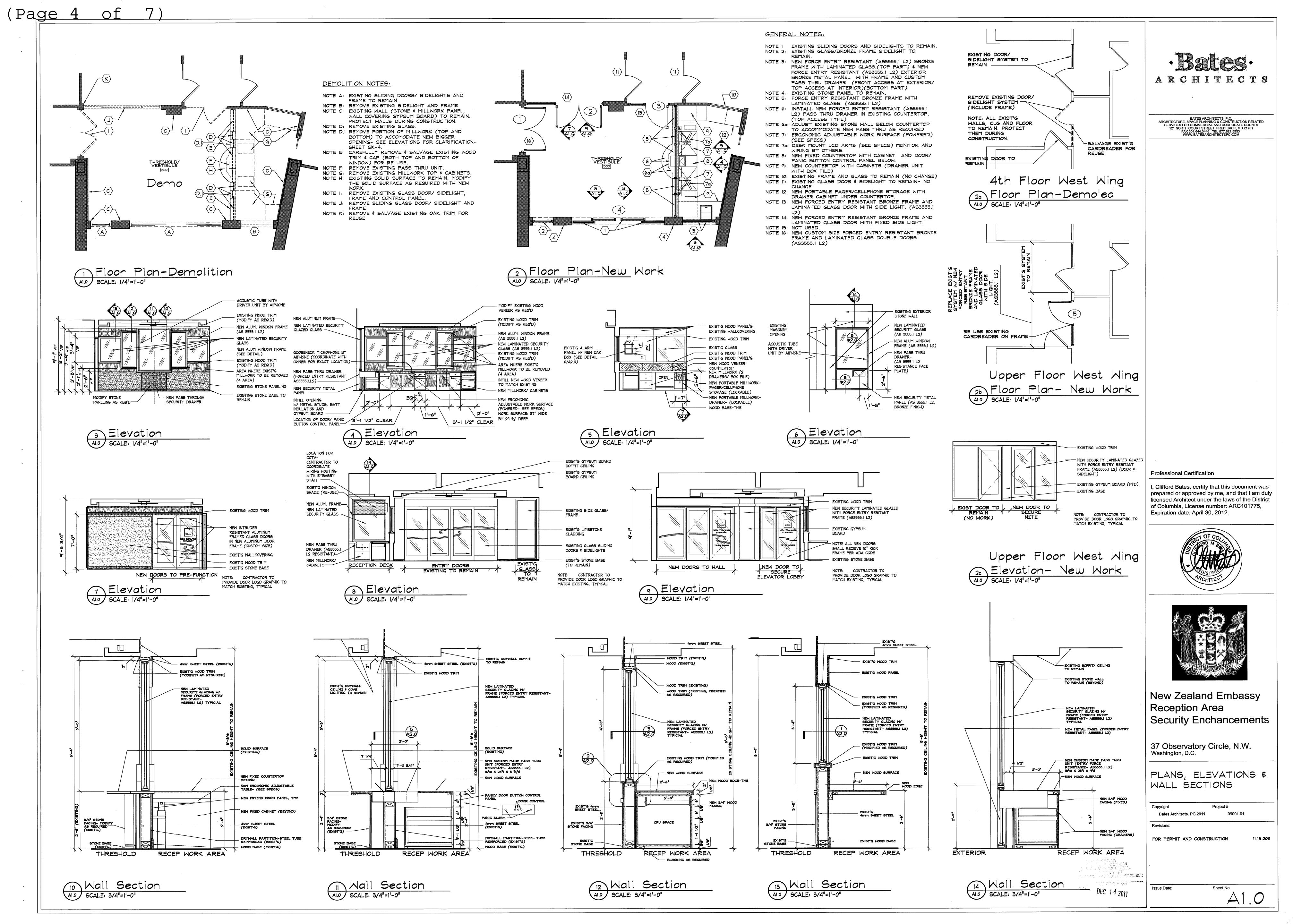
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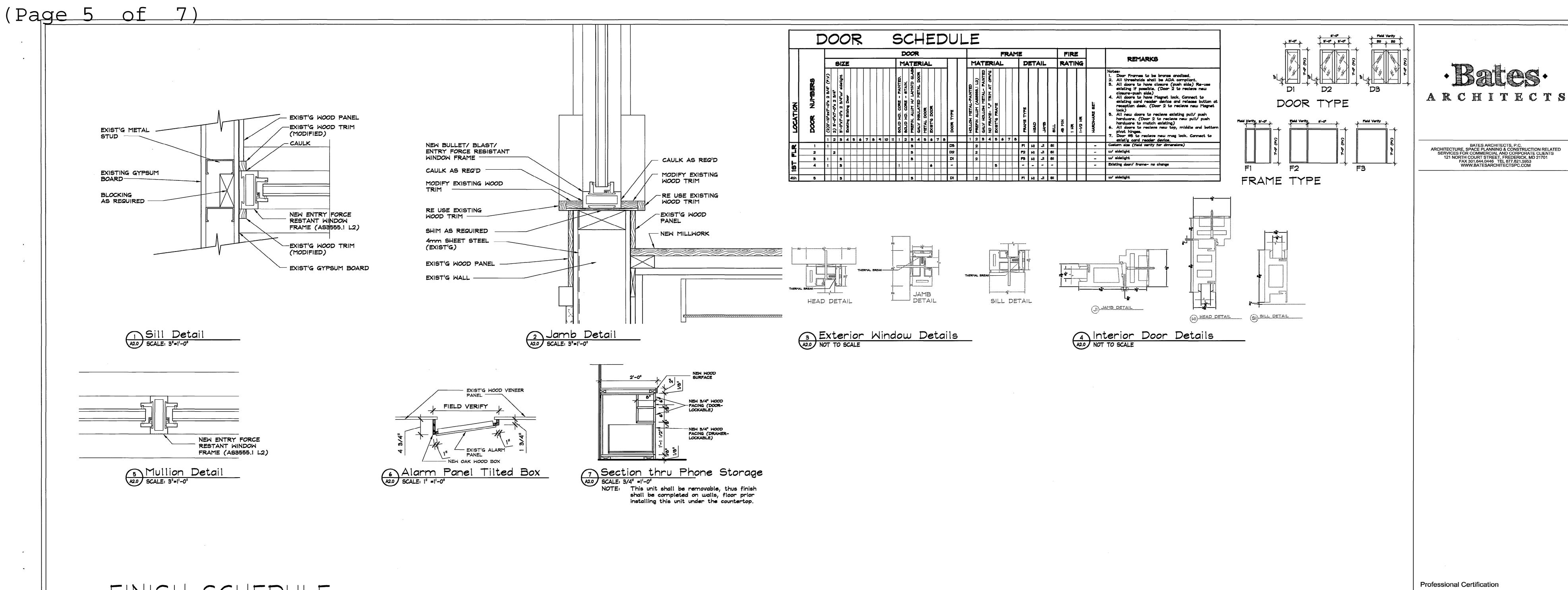
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Issue Date: Sheet No.

II-18-II CS.2

11-18-2011





## FINISH SCHEDULE

NOTE: THESE INFORMATION ARE COPY FROM PREVIOUS JOB IN 2003. ALL NEW MATERIALS IN COLOR, TEXTURE, ETC SHALL MATCH EXISTING. GENERAL CONTRACTOR SHALL PROVIDE SAMPLES OF EACH FINISH FOR ARCHITECT'S APPROVAL PRIOR TO ANY NEW WORK.

(OVER PADDING) MANUFACTURER: BELLBRIDGE INC. CONTACT: CHRISTOPHER DEASSLER, 800-227-3408 STYLE: FLANDERS COLOR: 72/3012 STRAWFLOWER FIBER CONTENT: 100% PURE NEW ZEALAND WOOL WIDTH: 12 FT.

STONE BASE DISTRIBUTOR: STONE SOURCE CONTACT: GEORGE VENNELL, 202-265-5900 STYLE: BURLINTON STONE COLOR: BURSTING STONE FINISH: HONED

WOOD BASE TO MATCH THE FOLLOWING: MAYA ROMANOFF WALLCOVERING AJIRO- COFFERS PATTERN- NATURAL FINISH- No. MR-AJ-20 SPECIES: PAWIONIA CUT: QUARTER CUT STAIN: NATURAL FINISH: SEMI-GLOSS FINISH

PAINT

MULTI COLOR APPLIED PAINT MANUFACTURER: POLOMYX CONTACT: RENE KRATZKE, 410-320-5465 COLOR: PL-00751P

MULTI COLOR APPLIED PAINT MANUFACTURER: POLOMYX CONTACT: RENE KRATZKE, 410-320-5465 COLOR: 43-2592955

PAINT (ON CEILING) MANUFACTURER: BENAMIN MOORE CONTACT: TODD, 800-368-7009 COLOR: WHITE- INTERIOR READY-MIX COLOS: PRODUCT: PRISTINE ECOSPEC INTERIOR LATEX FLAT 219

FABRIC WALLCOVERING MANUFACTURER: CAMEGIE FABRIC WALLCOVERINGS CONTACT: LESLIE KAUFMANN, 301-230-6525 COLLECTION: IN VOUGE STYLE: BUTTERFLY COLOR: 7790-W302 WIDTH: 62 INCHES CLASSIFICATION: CLASS A AND CLASS In BACKING: PAPERBACKED FOR WALLCOVERING APPLICATION

WOOD WALLCOVERING MANUFACTURER: MAYA ROMANOFF CORPORATION CONTACT: 773-465-6909 PRODUCT: AJIRO+ STYLE: COFFERS- NATURAL- PAWIONIA NUMBER: MR-AJ-20 WIDTH: 36" UNTRIMMED REPEAT: 8.5" X 10" TESTING: CLASS A RATING, ASTM E-84 ADHERED METHOD

STONE CLAD SURFACE- (TO MATCH FIELD) DISTRIBUTOR: STONE SOURCE CONTACT: GEORGE VENNELL, 202-265-5900 STYLE: JERUSALEM STONE COLOR: GALIL GOLD FINISH: HONED SIZE: SLAB SEALER: LITHOFIN PSI IMPREGNATOR

STONE CLAD SURFACE- (TO MATCH STRIP) DISTRIBUTOR: STONE SOURCE CONTACT: GEORGE VENNELL, 202-265-5900 STYLE: QUARTZITE COLOR: WHITE GOLD QUARTZITE FINISH: CLEFT SIZE: SLAB SEALER: LITHOFIN PSI IMPREGNATOR

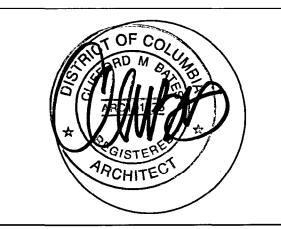
WOOD- (WOOD TRIM PRIMARY AT RECEPTION DESK) MANUFACTURER: MAYA ROMANOFF WALLCOVERING AJIRO- COFFERS PATTERN- NATURAL FINISH- No. MR-AJ-20 SPECIES: PAWIONIA CUT: QUARTER CUT STAIN: NATURAL FINISH: SEMI-GLOSS FINISH

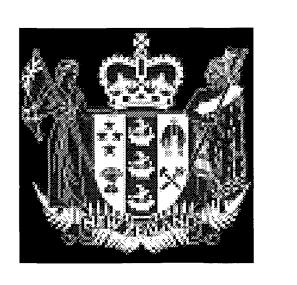
WOOD- (WOOD TRIM ACCENT AT RECEPTION DESK) MANUFACTURER: METRO CONTACT: SHELIA BELL, 650-697-7900 SPECIES: CHERRY CUT: QUARTER CUT STAIN: AMBER FINISH: SEMI-GLOSS FINISH

SOLID SURFACE MATERIAL- (RECEPTION DESK COUNTERTOP) DISTRIBUTOR: CARAPACE CONTACT: RICK SPRANKLIN, 301-256-3100 MANUFACTURER: DUPONT

PRODUCT: CORIAN- ZODIEQ STONE: ECLIPSE BLUE SIZE: 34 INCH (2 CM) OR 1 1/8" INCHES (3 CM), SHEET AVAILIBLE IN A STANDARD SIZE OF 52 INCHES X 118 INCHES (1.3 M X 3 M) FINISH: MANDARIN

I, Clifford Bates, certify that this document was prepared or approved by me, and that I am duly licensed Architect under the laws of the District of Columbia, License number: ARC101775, Expiration date: April 30, 2012.





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DOOR SCHEDULE, \$ DETAILS

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## **GENERAL NOTES**

- CONTRACTOR SHALL COORDINATE MOUNTING HEIGHTS AND FINAL MOUNTING LOCATIONS WITH ARCHITECT PRIOR TO INSTALLATION.
- WHERE DOORS AND WINDOW GLAZINGS ARE BEING REPLACED THE CONTRACTOR SHALL REMOVE, INVENTORY, AND RETAIN ASSOCIATED SECURE EQUIPMENT (AS REQUIRED). DURING NEW WORK PHASE CONTRACTOR SHALL REINSTALL AFFECTED EQUIPMENT WHEN DOOR AND GLAZING INSTALLATION IS COMPLETE.
- 3. THE CONTRACTOR SHALL COORDINATE ALL DEVICE AND EQUIPMENT FINISHES WITH THE ARCHITECT PRIOR TO PROCUREMENT.
- 4. THE TERM "PROVIDE" MEANS FURNISH AND INSTALL, COMPLETE AND READY FOR USE.
- 5. THE TERM "OWNER" MEANS THE NEW ZEALAND EMBASSY OR ITS DESIGNATED REPRESENTATIVE OR AGENT.
- 6. THE TERM "CONTRACTOR" OR "GENERAL CONTRACTOR" MEANS THE PRIME CONTRACTOR RESPONSIBLE FOR ALL WORK DEFINED IN THE SPECIFICATIONS AND SHOWN ON THE DRAWINGS.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO DELEGATE THE WORK DEFINED IN THE CONTRACT DOCUMENTS TO THE APPROPRIATE SUB-CONTRACTOR/TRADESMAN.
- 8. ALL CONTRACTORS/TRADESMEN PERFORMING WORK ON THIS PROJECT WILL BE APPROPRIATELY QUALIFIED AND LICENSED FOR THE SPECIFIED TASK.
- 9. THE TERM "CONTRACT DOCUMENTS" MEANS THE DRAWINGS, ADDENDUMS, SKETCHES AND OTHER DOCUMENTATION THAT DEFINE THE WORK. ALL CONTRACT DOCUMENTS SHALL BE USED IN COMBINATION TO DEFINE THE WORK REQUIREMENTS.
- 10. THE TERM "NEW" SHALL MEAN CONTRACTOR TO PROVIDE NEW.
- 11. THE CONTRACT DOCUMENTS ARE DIAGRAMMATIC AND DEFINE THE GENERAL ARRANGEMENT.
- 12. PROVIDE A COMPLETE AND FULLY FUNCTIONAL SECURITY SYSTEM TO INCLUDE ALL INSTALLATION, PROGRAMMING, TESTING, COMMISSIONING AND DOCUMENTATION.
- 13. PROVIDE ALL LABOR, MATERIAL, EQUIPMENT, WIRE, CABLE, CONDUITS AND RACEWAYS FOR A COMPLETE INSTALLATION.
- 14. PROVIDE AND MAINTAIN ALL DOCUMENTATION INCLUDING DESIGN DOCUMENTATION, AS-BUILT DOCUMENTATION, PROGRAMMING WORKSHEETS AND PROJECT COMMUNICATIONS.
- 15. FIELD VERIFY AND COORDINATE ALL DEVICE LOCATIONS. WHERE CONFLICTS OCCUR, COORDINATE AND VERIFY FINAL LOCATIONS WITH THE ARCHITECT PRIOR TO INSTALLATION.
- 16. SPECIFIC DEVICE LOCATIONS ARE APPROXIMATE. FIELD VERIFY FOR EXACT LOCATION AND SUBMIT TO THE OWNER FOR APPROVAL.
- 17. CONTRACTOR SHALL PAY ALL FEES AND OBTAIN ALL PERMITS AND LICENSES AS REQUIRED TO PERFORM THE WORK AS SHOWN ON THE DRAWINGS.
- 18. PROVIDE NEW MATERIAL AND EQUIPMENT THAT CONFORM TO THE APPLICABLE STANDARDS OF UL, NEC, NEMA, ASTM, ANSI AND OTHERS AS IDENTIFIED IN THE TECHNICAL SPECIFICATIONS.
- 19. ALL WORK SHALL BE GUARANTEED FOR A MINIMUM OF ONE YEAR COMMENCING ON THE DATE OF FINAL ACCEPTANCE OF THE SYSTEM BY THE
- 20. PROVIDE LABOR, TOOLS, CONTAINERS AND SERVICES AS REQUIRED TO MAINTAIN A CLEAN WORKSITE. REMOVE FROM THE WORK SITE ALL EXCESS MATERIAL AND DEBRIS. CLEAN THE WORK SITE DAILY.
- 21. FLOOR PLANS ARE TYPICAL. MINOR DISCREPANCIES WITH EXISTING CONDITIONS EXIST, CONTRACTOR SHALL FIELD VERIFY PARTITION LOCATIONS AND CONSTRUCTION TYPE PRIOR TO STARTING WORK.
- 22. PROVIDE ALL SECURITY RELATED CONDUIT AND ADHERE TO ALL CONTRACT DOCUMENTS REGARDING CONDUIT INSTALLATION, MARKING REQUIREMENTS AND CABLE FILL.

#### WIRE AND CABLE NOTES

- 1. PROVIDE ALL WIRE AND CABLE FOR A COMPLETE AND FUNCTIONAL SECURITY SYSTEM.
- PROVIDE WIRE AND CABLE THAT COMPLY WITH NEC AND UL REQUIREMENTS OR COMPLY WITH LOCAL CODES AND ORDINANCES. THE MOST STRINGENT REQUIREMENTS SHALL GOVERN.
- WIRE AND CABLE CONDUCTORS FOR DATA CIRCUITS, CONTROL CIRCUITS AND COMMUNICATIONS WIRING SHALL BE #22 AWG MINIMUM. UP SIZE CONDUCTORS AS REQUIRED TO PROVIDE A MAXIMUM VOLTAGE DROP OF 10%.
- WIRE AND CABLE CONDUCTORS FOR LOW VOLTAGE POWER DISTRIBUTION AND CONTROL CIRCUIT WIRING SHALL BE #18 AWG MINIMUM. UP SIZE CONDUCTORS AS REQUIRED TO PROVIDE A MAXIMUM VOLTAGE DROP OF 10%.
- MANUFACTURER'S INTERNAL INTERCONNECT WIRING SHALL BE UL LISTED AND SHALL BE SIZED IN ACCORDANCE WITH THE MANUFACTURER'S MINIMUM REQUIREMENTS.
- PROVIDE SHIELDED CABLE FOR ALL LOW SPEED SERIAL DATA CIRCUITS, CONTROL CIRCUITS AND COMMUNICATIONS WIRING.
- GROUND LOOPS ARE NOT PERMITTED. GROUND SHIELD DRAIN WIRES TO VERIFIED EARTH GROUND TERMINAL LUGS AT THE ORIGINATING EQUIPMENT. INSULATE SHIELDS AND DRAIN WIRES AT THE DEVICE OR REMOTE TERMINATION POINT USING UL LISTED INSULATORS. THE USE OF AC POWER NEUTRAL CONDUCTORS FOR GROUND CONNECTIONS IS UNACCEPTABLE.
- 8. PROVIDE UNSHIELDED TWISTED PAIR CABLE ASSEMBLIES FOR ALL DC LOW VOLTAGE POWER DISTRIBUTION AND CONTROL CIRCUITS.
- 9. PROVIDE SHIELDED TWISTED PAIR CABLE ASSEMBLIES FOR ALL AC LOW VOLTAGE POWER DISTRIBUTION.
- 10. PROVIDE PLENUM RATED WIRE AND CABLE FOR ALL POWER LIMITED COMMUNICATION AND SECURITY SIGNAL CIRCUITS.
- 11. WIRE AND CABLE SPLICES ARE NOT PERMITTED.
  - 12. Will comply with tBC 2006 Sec. 1008.1,3.4 (Access-controlled egress formalls)

**SYMBOL DESCRIPTION** EXISTING LINE TYPE ---- DEMOLITION LINE TYPE NEW WORK LINE TYPE PROXIMITY CARD READER, EXISTING MAGNETIC DOOR CONTACT, RECESSED, EXISTING ELECTROMAGNETIC LOCK, SHEER, EXISTING OPTEX LX-402 DIRECTIONAL PIR DEVICE, NEW WORK ADEMCO 269R DURESS ALARM, NEW WORK ALARM PANEL. EXISTING LOBBY DOOR RELEASE. EXISTING TO REMAIN CCTV MONITOR WITH ARTICULATING WALL MOUNT, OWNER PROVIDED VIDEO CONTROLLER, EXISTING PUSH BUTTON REQUEST-TO-EXIT, EXISTING AIPHONE IS-MV VIDEO INTERCOM MASTER, NEW WORK AIPHONE IS-DV VIDEO INTERCOM SUB STATION. NEW WORK PELCO IS51-CHV10S FIXED DOME CAMERA, NEW WORK PIR REQUEST-TO-EXIT, EXISTING

MALLORY SONALERT SC616CP CHIME TONE, NEW WORK

SYMBOL LIST

## **CONDUIT AND RACEWAY NOTES**

- PROVIDE CONDUITS AND RACEWAYS. WHERE REQUIRED, FOR A COMPLETE INSTALLATION SECURITY WIRE AND CABLE SHALL BE ROUTED IN METALLIC CONDUITS OR CLOSED WIRE TROUGHS AS SHOWN ON THE DRAWINGS.
- 2. PROVIDE CONDUITS THAT COMPLY WITH NEC REQUIREMENTS OR COMPLY WITH LOCAL CODES AND ORDINANCES. THE MOST STRINGENT REQUIREMENTS SHALL GOVERN.
- REGARDLESS OF NEC OR LOCAL CODES AND ORDINANCES, PROVIDE CONDUIT AND RACEWAY SIZED FOR A MAXIMUM FILL RATION OF 40%.
- 4. REGARDLESS OF NEC OR LOCAL CODES AND CONDUIT FILL REQUIREMENTS, CONDUIT SHALL BE 1-INCH MINIMUM DIAMETER.
- REGARDLESS OF NEC OR LOCAL CODES AND CONDUIT FILL REQUIREMENTS, PROVIDE COMPRESSION TYPE CONDUIT FITTINGS. SET SCREW TYPE FITTINGS ARE NOT ACCEPTABLE.
- 6. PROVIDE COLOR CODING OF ALL SECURITY CONDUITS. ALL CONDUITS AND RACEWAYS SHALL BE PERMANENTLY MARKED BY
- A 1-INCH BLUE BAND EVERY 10 FEET. BLUE BANDING COLOR TO BE BENJAMIN MOORE #791 OR APPROVED EQUIVALENT. 7. PROVIDE COLOR CODING OF ALL SECURITY JUNCTION BOXES. ALL JUNCTION BOXES, DEVICE BOXES, TERMINAL CABINETS
- AND WIRE TROUGH COVERS SHALL BE PAINTED. COLOR TO BE BENJAMIN MOORE #791 OR APPROVED EQUIVALENT. 8. CONCEAL CONDUIT AND RACEWAYS TO THE EXTENT POSSIBLE. WHERE CONDUITS AND RACEWAYS CANNOT BE CONCEALED,
- COORDINATE WITH THE ARCHITECT TO OBTAIN APPROVAL PRIOR TO INSTALLATION.
- 9. PROVIDE SEPARATE RACEWAY, CONDUITS, JUNCTION BOXES AND ENCLOSURES FOR ALL SECURITY WIRE AND CABLE. DO NOT COMBINE 120VAC OR ANY POWER DISTRIBUTION CIRCUIT WITH SECURITY WIRE AND CABLE.
- 10. PROVIDE OWNER APPROVED SECURITY SCREWS AND FASTENERS FOR ALL SECURITY JUNCTION BOXES AND SCREW COVER ENCLOSURES.

11. PROVIDE ACCESS COVERS OR HATCHES FOR ALL SECURITY JUNCTION BOXES CONCEALED IN STRUCTURE. PROVIDE ACCESS

TO JUNCTION BOXES AND EQUIPMENT ENCLOSURES LOCATED WITHIN 10 FEET OF SECURITY DEVICES. 12. PENETRATIONS IN MASONRY WALLS AND FLOOR/CEILING SLABS SHALL BE CORE DRILLED WITH MASONRY TYPE BORE BIT

AND FIRE STOPPED.

- 13. AFTER CONDUIT INSTALLATION, PENETRATIONS IN FIRE RATED WALLS AND FLOOR/CEILING AND ROOF SLABS SHALL BE PROPERLY CLEANED AND SEALED TO THE FULL THICKNESS OF THE PENETRATION WITH A LISTED AND APPROVED FIRE STOPPING MATERIAL OF EQUAL OR GREATER FIRE RESISTANCE. UNLESS OTHERWISE NOTED, ALL FLOOR/CEILING SLABS, STAIR ENCLOSURES, VERTICAL SHAFT AND CHASE ENCLOSURES, MASONRY SLAB TO SLAB, MECHANICAL, ELECTRICAL ROOM WALLS SHALL BE CONSIDERED 2-HOUR FIRE RATED CONSTRUCTION AND FIRE STOPPED AS SPECIFIED.
- 14. CONTRACTOR SHALL CONCEAL ALL ELECTRICAL CONDUITS ABOVE SUSPENDED CEILINGS AND BEHIND WALLS, EXCEPT IN UNFINISHED AREAS WHERE CONDUIT MAY BE SURFACE MOUNTED, UNLESS OTHERWISE SPECIFIED. THE USE OF METAL CLAD (MC) CABLE IS ACCEPTABLE IN CONCEALED WITH NFPA 70-NEC. EXPOSED CONDUIT SHALL BE PAINTED TO MATCH ADJACENT FINISH.

## **ABBREVIATIONS**

ADDICETION
DESCRIPTION
ABOVE FINISHED FLOOR
AMERICAN NATIONAL STANDARDS INSTITUTE
APPROXIMATE
AMERICAN WIRE GAUGE
AMERICAN SOCIETY FOR TESTING AND MATERIALS
CONCRETE MASONRY UNIT
CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE
DOOR CONTACT
ELECTRICAL METALLIC TUBING
ELECTRONIC SECURITY SYSTEM
FIBER OPTIC
FREE RUN
MULTI MODE
MOUNTED
NATIONAL ELECTRICAL CODE
NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
NATIONAL FIRE PROTECTION ASSOCIATION
NOT TO SCALE
POWER OVER ETHERNET
ROOM
SECURITY MANAGEMENT SYSTEM
TO BE DETERMINED
TWISTED SHIELDED PAIR
TYPICAL
UNDERWRITERS LABORATORIES
UNLESS OTHERWISE NOTED
UNSHIELDED TWISTED PAIR
VOLTS ALTERNATING CURRENT
VOLTS DIRECT CURRENT

## **DEVICE ABBREVIATIONS**

 $\frac{\text{CAMERA TYPES}}{\text{CLR} = \text{COLOR}}$ B/W = BLACK & WHITE LL = LOW LIGHT IR = INFRAREDTH = THERMAL

XP = EXPLOSION PROOF

IN = INTERIOR

PP = PARAPET MOUNT WM = WALL MOUNT



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CAMERA ENCLOSURE TYPES WP = WEATHER PROOF VP = VANDAL PROOF

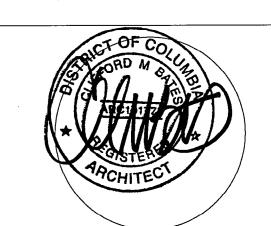
<u>CAMERA MOUNTING TYPES</u> PM = PENDANT MOUNT CM = CORNER MOUNT

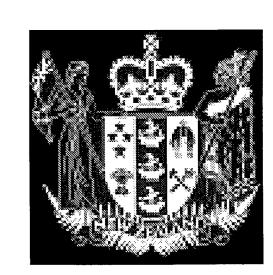
RC = RECESSED CEILING MOUNT SC = SURFACE CEILING MOUNT CW = CEILING WEDGE

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Professional Certification

, CLIFFORD BATES, CEPTIFY THAT THE DOCUMENT WAS Prepared or Approved by Me, and THA I AM DULY LICENSED Architect under The laws of The District of Columbia, LICENSE Number: ARC 101775, ExpIRATION DATE: April 30, 2012





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