

UNITED STATES EMBASSY BANGKOK, THAILAND REPLACE OUTSIDE AIR UNIT FOR PSA BUILDING

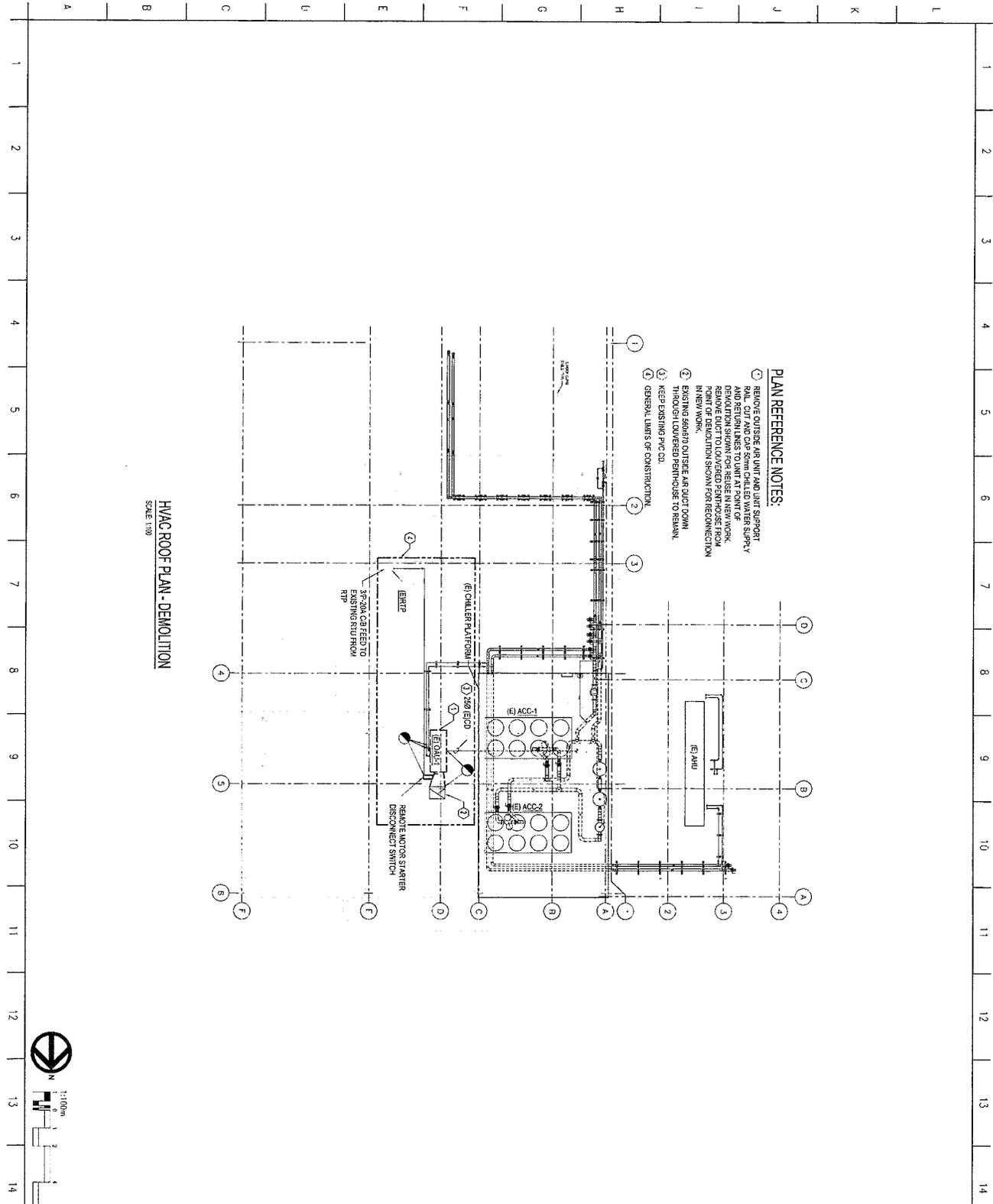
ISSUED FOR CONSTRUCTION SUBMISSION

September 23, 2016

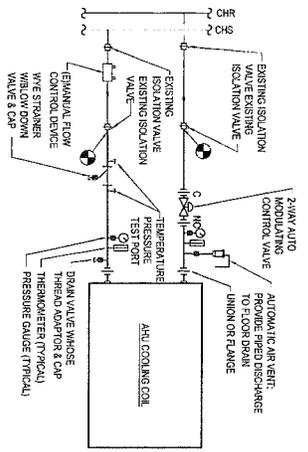
Drawing List

No.	Title
GO.01	Cover Sheet
MO.01	Legend, Abbreviations and General Notes
DM1.01	HVAC Roof Plan - Demolition
M1.01	HVAC Roof Plan - New Work
MS.01	HVAC Details
MS.01	HVAC Schedules
M7.01	HVAC Controls
M8.01	Specifications

 United States Department of State OFFICE OF OVERSEAS BUILDINGS OPERATIONS Washington, D.C.	U.S. Embassy Bangkok, Thailand Replace Outside Air Unit for PSA Building												
WARNING: This contract is the property of the U.S. Government. Long-term operations and maintenance contracts are subject to the terms and conditions of the contract. All drawings, specifications, and other documents are the property of the U.S. Government and are not to be distributed outside the project without the express written approval of the U.S. Government.													
 H&A 1800 Sutter Road, Suite 300 San Francisco, CA 94115 Tel: 415.774.1111 Fax: 415.774.1111 h-a.com													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;"> Revision by: _____ Date: _____ </td> <td style="width: 50%;"> Drawing Title: COVER SHEET </td> </tr> <tr> <td colspan="2"> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;"> 000 Project Number: _____ Drawing Scale: _____ Date: 23 SEP 2016 </td> <td style="width: 25%;"> 0001 Title: _____ Date: _____ </td> <td style="width: 25%;"> 0002 Scale: _____ Date: _____ </td> <td style="width: 25%;"> 0003 Date Plotted: _____ Date: _____ </td> </tr> </table> </td> </tr> <tr> <td colspan="2"> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;"> Drawn By: _____ Checked By: _____ Scale: 1" = 8' </td> <td style="width: 50%;"> Sheet Number: GOB 0.01 Total Sheets: 1 of 8 </td> </tr> </table> </td> </tr> </table>		Revision by: _____ Date: _____	Drawing Title: COVER SHEET	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;"> 000 Project Number: _____ Drawing Scale: _____ Date: 23 SEP 2016 </td> <td style="width: 25%;"> 0001 Title: _____ Date: _____ </td> <td style="width: 25%;"> 0002 Scale: _____ Date: _____ </td> <td style="width: 25%;"> 0003 Date Plotted: _____ Date: _____ </td> </tr> </table>		000 Project Number: _____ Drawing Scale: _____ Date: 23 SEP 2016	0001 Title: _____ Date: _____	0002 Scale: _____ Date: _____	0003 Date Plotted: _____ Date: _____	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;"> Drawn By: _____ Checked By: _____ Scale: 1" = 8' </td> <td style="width: 50%;"> Sheet Number: GOB 0.01 Total Sheets: 1 of 8 </td> </tr> </table>		Drawn By: _____ Checked By: _____ Scale: 1" = 8'	Sheet Number: GOB 0.01 Total Sheets: 1 of 8
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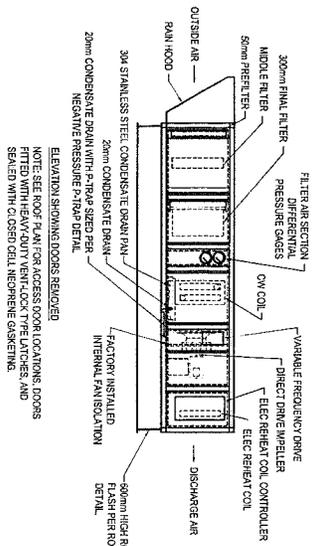


 <p>United States Department of State OFFICE OF OVERSEAS BUILDINGS OPERATIONS Washington, D.C.</p>	
<p>U.S. Embassy Bangkok, Thailand Replace Outside Air Unit for PSA Building</p>	
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<p>H&A 4880 Saddle Road, Suite 300 Overland Park, MO 66204 Phone: (913) 241-1100 Fax: (913) 241-4630</p>	
<p>Project Title: HVAC ROOF PLAN - DEMOLITION</p> <p>Project Number: 092222016</p> <p>Contract Number: 092222016</p> <p>Contract Value: \$1,555,000</p> <p>Contract Start: 23 SEP 2016</p> <p>Contract End: 23 SEP 2016</p> <p>Contract Status: EOB</p> <p>Contract Type: DM1.01</p> <p>Contract Pages: 3 of 8</p> <p>Contract Location: UNCLASSIFIED</p>	



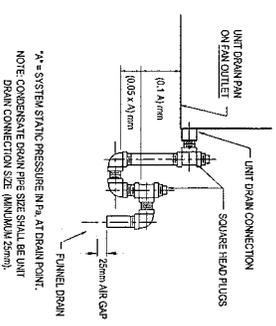
AHU SINGLE COOLING COIL PIPING WITH 2-WAY VALVE

NOTE: ISOLATION VALVES NEAR UNIT PIPING ARE EXISTING TO REMAIN. ISOLATION VALVES NEAR AHU ARE TO BE REMOVED. PROVIDE NEW ISOLATION VALVES AND TESTS SHOWN IN THIS DETAIL NEAR THE NEW AIR HANDLING UNIT.



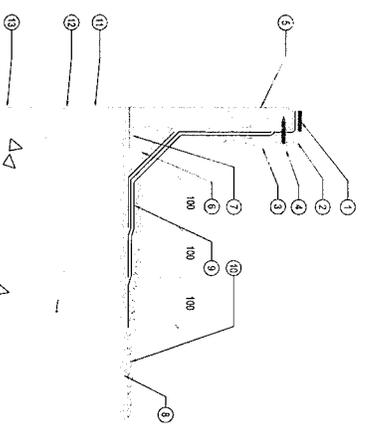
100% OUTSIDE AIR HANDLING UNIT DETAIL

NOTE: AIR HANDLING UNIT INNER AND OUTER SINGS TO BE OF WATERPROOF ALUMINIUM OR 316 STAINLESS STEEL CONSTRUCTION.



AIR HANDLING UNIT DRAIN FOR NEGATIVE PRESSURE DRAIN PAN

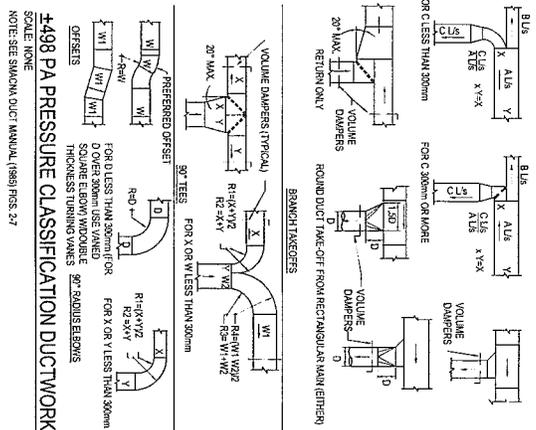
SCALE: NONE



ROOF CURB DETAIL

SCALE: NONE

- 1 CONTINUOUS TAPE SEAL
- 2 STAINLESS STEEL SHEET METAL FLASHING RECEIVER
- 3 REMOVABLE STAINLESS STEEL SHEET METAL COUNTER FLASHING
- 4 STAINLESS STEEL HIGH-DOME GASKETED FASTENERS 300mm (12") o.c.
- 5 MAIN-FABRICATED METAL ROOF CURB WITH BLOCKING AND INSULATION
- 6 RIGID INSULATION CONT STRIP ALL AROUND CURB
- 7 SECURE CURB TO CONCRETE TOPPING SLAB WITH MINIMUM TWO CORROSION RESISTANT DRIVEN FASTENERS AT 300mm (12") ON CENTERS. MINIMUM FASTENER EMBEDMENT TO BE 50mm (2 IN)
- 8 EXISTING MULTIPLE PLY ASPHALT BURST-UP ROOFING
- 9 PROVIDE MINIMUM 3-PLY STRIPPING BASE FLASHING EXTENDED OVER SHEET METAL COUNTER FLASHING PER SHEET METAL COAT
- 10 REPLACE ROOF BALAST IN ASPHALT TPO COAT AFTER THE ROOF BASE FLASHING HAS BEEN INSTALLED
- 11 2 SPRAY POLYURETHANE
- 12 DECK WATERPROOFING SHEET FLANT COAT W/CEMENT PASTE
- 13 EXISTING 200mm (8") CONCRETE ROOF SLAB



498 PA PRESSURE CLASSIFICATION DUCTWORK

NOTE: SEE SMACNA DUCT MANUAL (1989) Pgs. 2.7


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Project Number	09222016
Contract Number	12556303
Revision	5 of 8
Sheet	5 of 8
Date	23 SEP 2016
Drawn By	ILG
Checked By	ILG
Scale	M5.01
Author	UNCLASSIFIED


H&A
 4802 Sankul Road, Suite 300
 Bangkok, Thailand 10110
 Tel: +66 2 261 2745-50
 Fax: +66 2 261 2745-50

HVAC DETAILS

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