1. Most details included herein are drawn to full scale.

2. Details shown herein, illustrate 2" deep system of 1/8" aluminum plate panels. Other system depths and plate thickness are available. Refer to other sections of this literature for additional options or consult Protean for any special requirements.

3. In general, panel attachment should be made along the long edge of the panels.

4. Details as shown herein illustrate a horizontal installation with subgirts and panel attachment located at the horizontal joints. For a vertical panel installation, modify details to install panels vertically.

5. Alternate subgirt layouts are available where subgirts can be oriented in the opposite direction of the long edge of the panels. Contact Protean for further information on these types of installations.

6. The enclosed details represent typical standard details for the AP-2000RS system. In so much as the AP-2000RS is a custom designed system, this is only the beginning of the possibilities. Consult Protean for assistance in developing custom details for your application.
PARAPET CAP, KEEPER AND FASTENERS (NBP)

WOOD BLOCKING (NBP)

SLOTTED HOLES IN PANEL TAB TO ACCOMODATE THERMAL EXPANSION

AP-2000RS ALUMINUM PLATE PANEL

AP-2000RS SUPPORT CHANNEL

AIR / VAPOR BARRIER (NBP)

EXTERIOR SHEATHING (NBP)

STUD FRAMING AND INSULATION (NBP)

DIMENSION PER ELEVATION

1/2" MINIMUM

2" NOMINAL 1" NOMINAL
**Protean**

**Construction Products, Inc.**

**Aluminum Rainscreen AP-2000RS**
**Standard Details**

**Horizontal Joint Detail**

**AP-2000RS Support Channel**

**Aluminum Attachment Clip**
@ 24" O.C., slotted holes in panel tab to accommodate thermal expansion

**AP-2000RS Aluminum Plate Panel**

**Vertical Leg Notched**
@ each end to allow for weepage

**Air / Vapor Barrier (NBP)**

**Exterior Sheathing (NBP)**

**Stud Framing and Insulation (NBP)**

**Dimensions**
- 2" nominal
- 1" nominal

**Diagram Elements**
- ALUMINUM CLIP
- 1/4" ø
- 5/16"
- 3/32"
BASE DETAIL

EXTERIOR SHEATHING (NBP)

STUD FRAMING AND INSULATION (NBP)

AIR / VAPOR BARRIER (NBP)

AP-2000RS SUPPORT CHANNEL

ALUMINUM ATTACHMENT CLIP @ 24" O.C., SLOTTED HOLES IN PANEL TAB TO ACCOMODATE THERMAL EXPANSION

AP-2000RS ALUMINUM PLATE PANEL

VERTICAL LEG NOTCHED @ EACH END TO ALLOW FOR WEEPAGE

DIMENSION PER ELEVATION
FASTENERS @ 24" O.C.

FASTENER AT JOINT BEYOND

ALUMINUM ATTACHMENT CLIP @ HORIZONTAL JOINT

AP-2000RS PANEL SYSTEM
.125" ALUMINUM PLATE (STIFFENERS AS REQ'D)

VERTICAL LEG NOTCHED @ EACH END TO ALLOW FOR WEEPAGE, TYP.

ALUMINUM SUPPORT CHANNEL @ VERTICAL JOINTS & INTERMEDIATE JOINTS, FINISH TO MATCH PANEL

.040" ALUMINUM TRIM, COLOR TO MATCH PANEL (NBP)

AIR / VAPOR BARRIER (NBP)

EXTERIOR SHEATHING (NBP)

STUD FRAMING AND INSULATION (NBP)

DIMENSION PER ELEVATION
Mitered Inside Corner

EXTERIOR SHEATHING (NBP)

AIR / VAPOR BARRIER (NBP)

STUD FRAMING AND INSULATION (NBP)

1'-0" NOMINAL

FASTENER AT JOINT BEYOND

ALUMINUM ATTACHMENT CLIP @ HORIZONTAL JOINT

2'-0" NOMINAL

DIMENSION PER ELEVATION

VERTICAL LEG NOTCHED @ EACH END TO ALLOW FOR WEEPAGE, TYP.

ALUMINUM SUPPORT CHANNEL @ VERTICAL JOINTS & INTERMEDIATE JOINTS, FINISH TO MATCH PANEL

ALUMINUM ATTACHMENT CLIP @ HORIZONTAL JOINT

AP-2000RS PANEL SYSTEM .125" ALUMINUM PLATE (STIFFENERS AS REQ'D)

DIMENSION PER ELEVATION

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