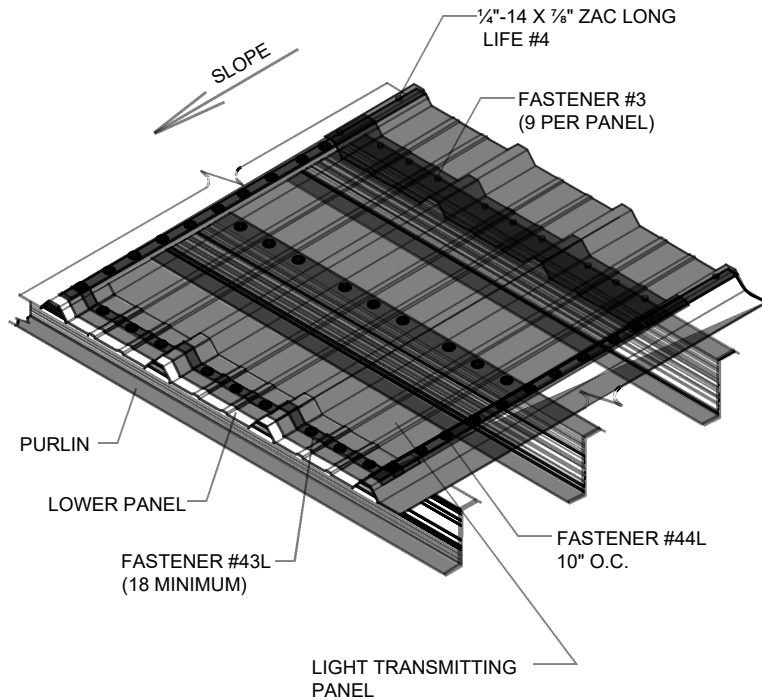


CONSTRUCTION NO. 542 UL 90 LIGHT TRANSMITTING PANEL INSTALLATION (Continued)

Be sure the light transmitting panel sidelaps have complete run of ($\frac{1}{2}$ " x $\frac{3}{32}$ ") tape sealer between the light transmitting panel and the PBR panel.



Fasten light transmitting panel with Fastener #44L ($\frac{1}{4}$ " - 14 x $\frac{7}{16}$ " ZAC Long Life at 10" O.C. down each side lap.

Install upper metal panel in light transmitting panel run and fasten as at a normal endlap with nine Fastener #3 (12 - 14 X $\frac{1}{4}$ " ZAC Long Life).

FROM: Q:\ENGINEERING\PROJECTS\OCD-070\4-CORRECTING\4-EXHIBITS\DETAIL SHEET 4.dwg
LAST PRINTED: Tuesday, June 20, 2006 3:14:21 PM

Engineering
F-16194

Surveying
10194049



AWC
ARCENEUX WILSON & COLE
engineering | surveying | planning

2901 Turtle Creek Drive, Suite 320
Port Arthur, TX 77642

409.724.7888
awceng.com

DETAIL SHEET

ORANGE COUNTY DRAINAGE DISTRICT
MAINTENANCE SHOP ROOF REPLACEMENT PROJECT
ORANGE COUNTY, TX

EXHIBIT

9

DATE: 7/20

SCALE: NTS

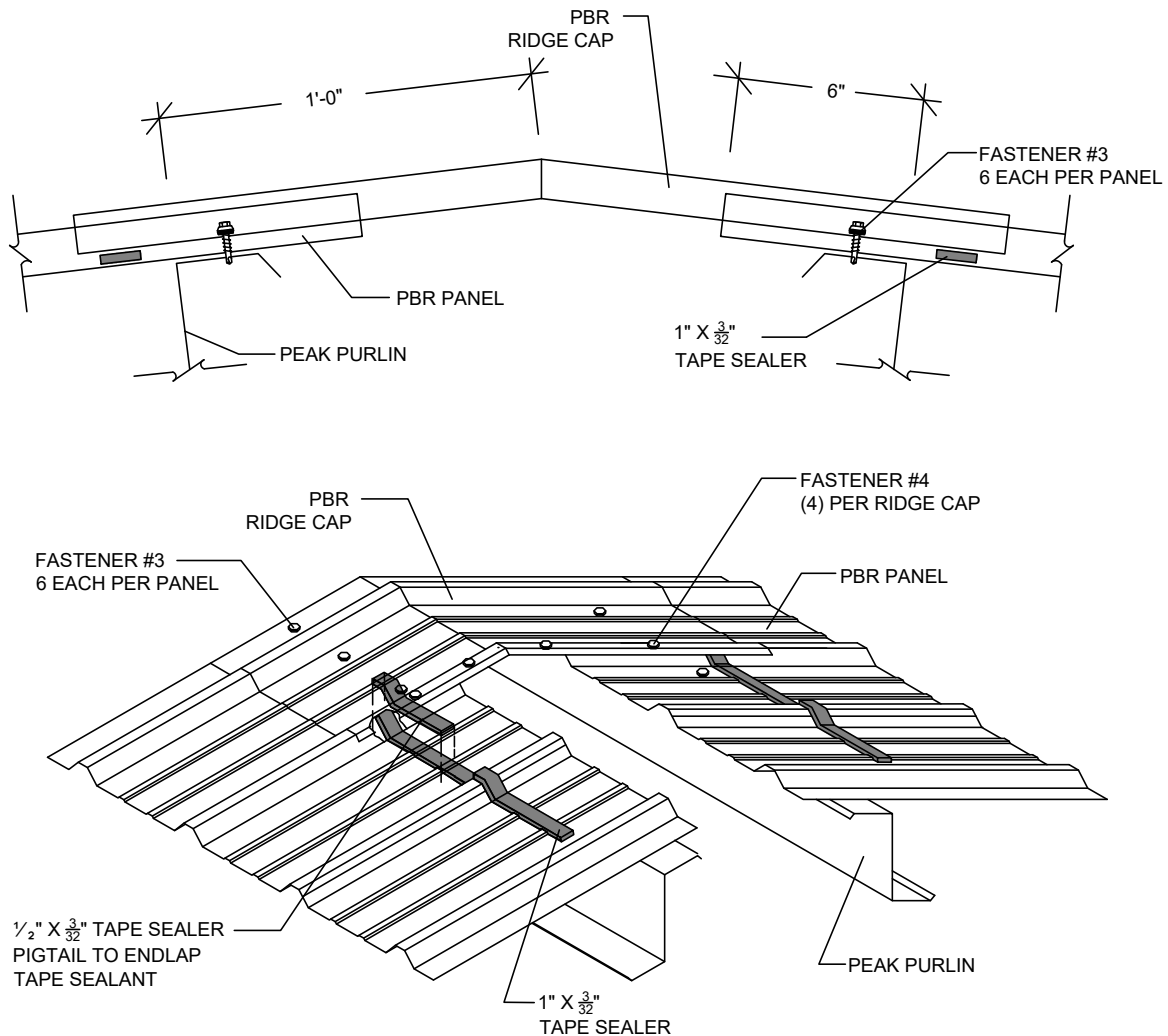
DRAWN: N.M.F.

PROJ. No.: OCD-070

DESIGN: J.M.W.

CHECKED:

TYPICAL DETAILS Ridge



NOTES:

1. When ordering ridge caps, specify roof slope. Refer to MBCI price pages for maximum slope for each ridge cap.
2. Install 1" x $\frac{3}{32}$ " tape sealer across full width of ridge cap on both sides. Tape sealer must be installed between weather infiltration point and fasteners.
3. Install 1" x $\frac{3}{32}$ " tape sealer to the sidelap of the ridge cap that will lap onto adjacent ridge cap. Tape sealer must be installed between weather infiltration point and fasteners.
4. Install Fastener #3 (12-14 X 1 $\frac{1}{4}$ " ZAC Long Life) on both sides of major ribs (two per foot).
5. Install four Fastener #4 (1/4"-14 X $\frac{7}{8}$ " ZAC Long Life) in each ridge cap sidelap. Place (1) one Lap Tek in high rib on each side of the ridge cap centerline and one in line with purlin fastener on each side of ridge line.

Engineering
F-16194

Surveying
10194049



AWC
ARCENEUX WILSON & COLE
engineering | surveying | planning

2901 Turtle Creek Drive, Suite 300
Port Arthur, TX 77642

409.724.7888
awceng.com

DETAIL SHEET

ORANGE COUNTY DRAINAGE DISTRICT
MAINTENANCE SHOP ROOF REPLACEMENT PROJECT
ORANGE COUNTY, TX

EXHIBIT

10

DATE: 7/20

SCALE: NTS

DRAWN: N.M.F.

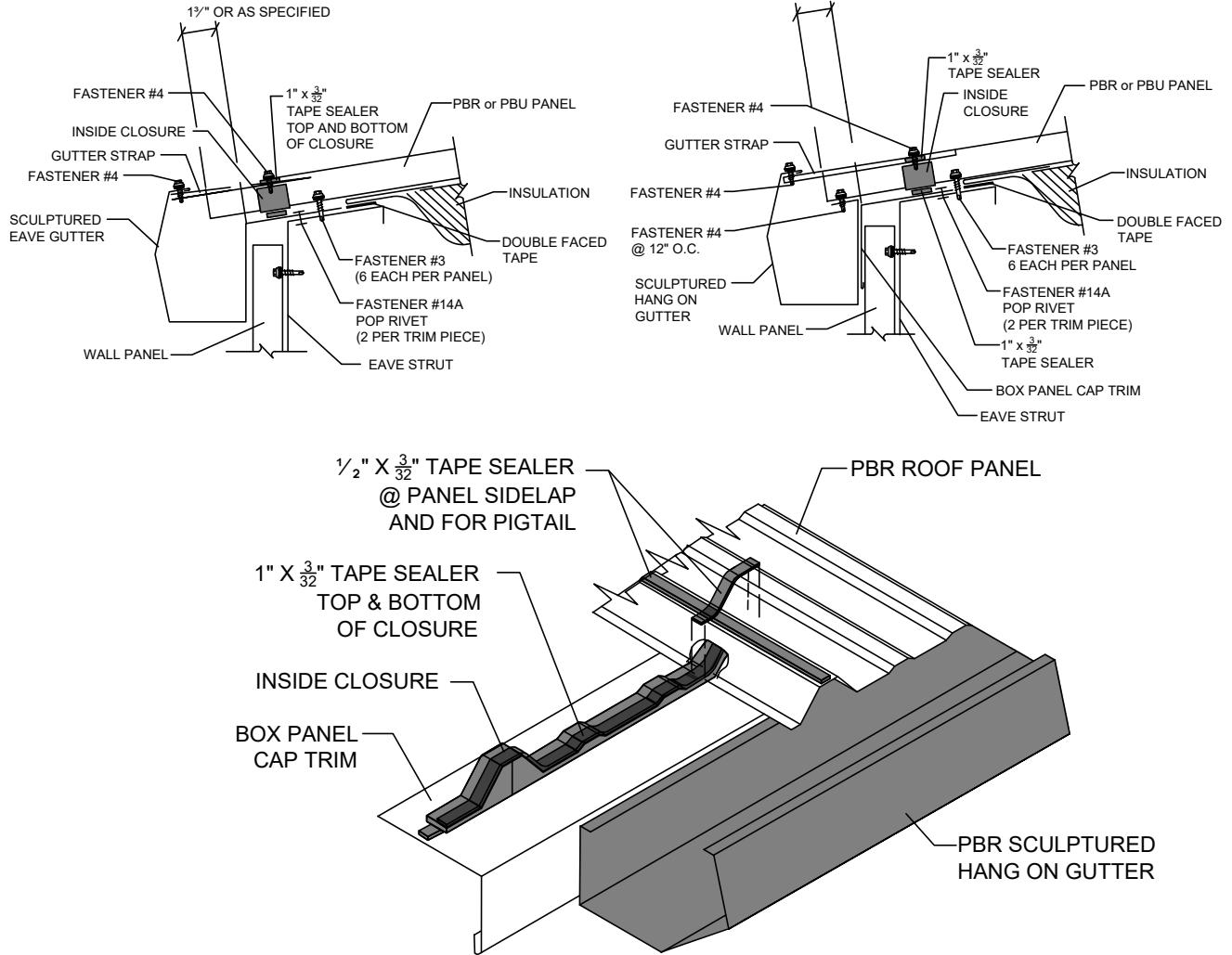
PROJ. No.: OCD-070

DESIGN: J.M.W.

CHECKED:

TYPICAL DETAILS

Gutter



NOTES:

Eave Gutter

1. Attach gutter to eave strut with two Fastener #14A pop rivets per section.
2. Install inside closures to top leg of gutter with 1" x 3/32" tape sealer top and bottom.
3. Install PBR or PBU panel with Fastener #3 (12-14 X 1 1/4" ZAC Long Life) on each side of major ribs (two fasteners per foot). Fasteners must be installed up slope from inside closures.
4. Gutter laps should be approximately 3" with a bead of urethane sealant in between. Install a sufficient amount of pop rivets to hold lap together.
5. Install gutter straps 3'-0" on center with Fastener #4 (1/4"-14 X 7/8" ZAC Long Life) fasteners at each end.

Hang-on Gutter

1. Attach Box Panel Cap Trim to top of eave strut with pop rivet #14A (two per 10'-0" section).
2. Install inside closure on top of Box Panel Cap Trim with 1" x 3/32" tape sealer top and bottom of closure.
3. Install PBR or PBU panels with Fastener #3 (12-14 X 1 1/4" ZAC Long Life) on each side of the major ribs (two fasteners per foot). Fasteners must be installed up slope from inside closures.
4. Attach gutter to roof panels with Fastener #4 (1/4"-14 X 7/8" ZAC Long Life) at 12" O.C.
5. Gutter laps should be approximately 3" with a bead of urethane sealant in between. Install a sufficient amount of Fastener #14 (pop rivets) to hold lap together.
6. Install gutter straps 3'-0" on center with Fastener #4 (1/4"-14 X 7/8" ZAC Long Life) at each end.

Engineering
F-16194

Surveying
10194049



AWC
ARCENEUX WILSON & COLE
engineering | surveying | planning

2901 Turtle Creek Drive, Suite 320
Port Arthur, TX 77642

409.724.7888
awceng.com

DETAIL SHEET

ORANGE COUNTY DRAINAGE DISTRICT
MAINTENANCE SHOP ROOF REPLACEMENT PROJECT
ORANGE COUNTY, TX

EXHIBIT

11

DATE: 7/20

SCALE: NTS

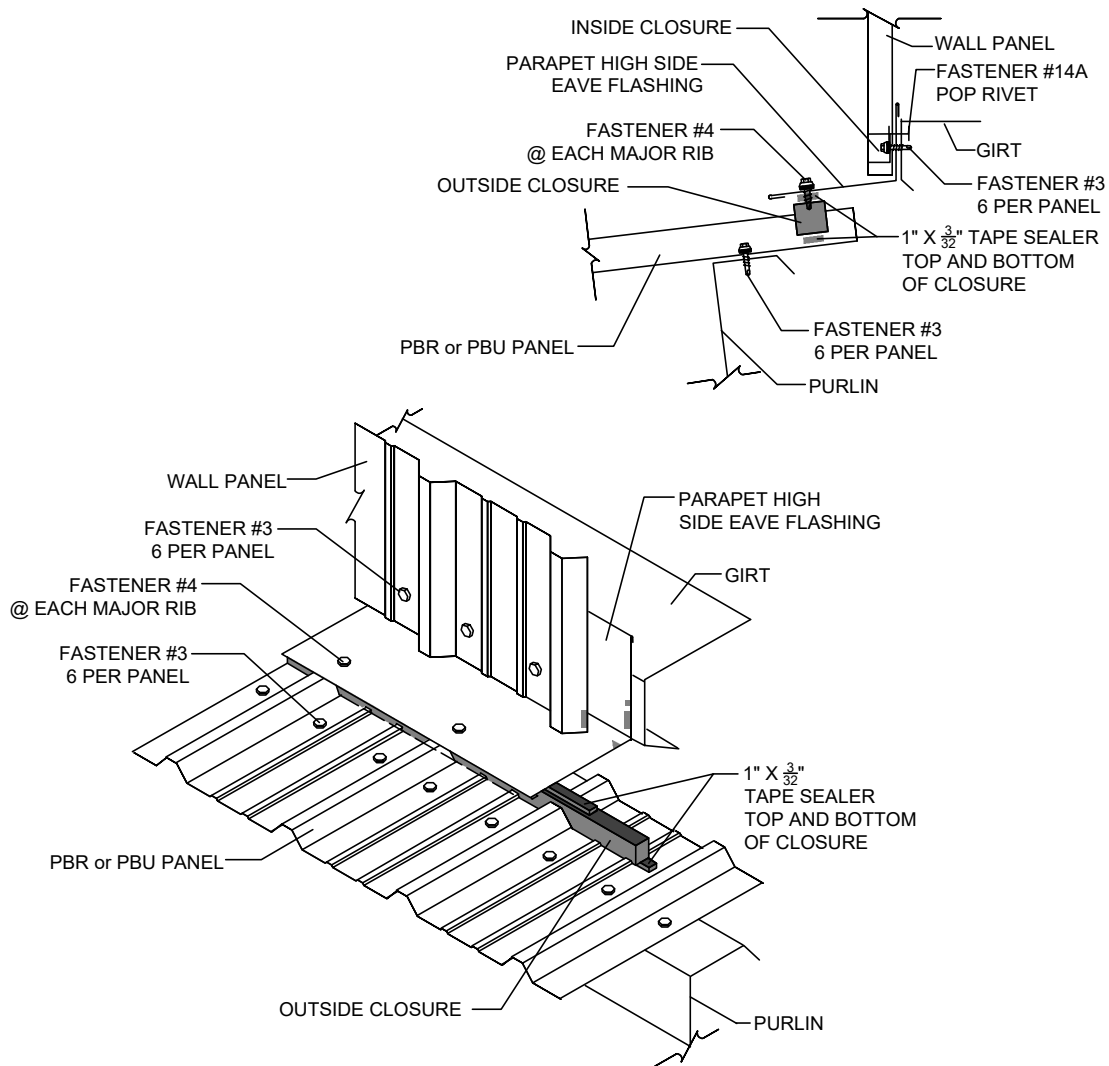
DRAWN: N.M.F.

PROJ. No.: OCD-070

DESIGN: J.M.W.

CHECKED:

TYPICAL DETAILS Parapet High Side Eave



NOTES:

1. Install outside closure, with 1" x $\frac{3}{32}$ " tape sealer top and bottom, across width of PBR or PBU panels.
2. Install parapet high side trim to PBR or PBU panels at each major rib with Fastener #4 ($\frac{1}{4}$ "-14 X $\frac{7}{16}$ " ZAC Long Life). Trim should overhang outside closures $\frac{1}{2}$ " - 1".
3. Attach top leg of parapet high side trim to wall with fasteners as required for wall substrate.
4. Trim laps should overlap approximately 3" with a bead of urethane sealant in between. Install a sufficient amount of Fastener #4 ($\frac{1}{4}$ "-14 X $\frac{7}{16}$ " ZAC Long Life) to hold lap together.

Engineering
F-16194

Surveying
10194049



AWC
ARCENEUX WILSON & COLE
engineering | surveying | planning

2901 Turtle Creek Drive, Suite 320
Port Arthur, TX 77642

409.724.7888
awceng.com

DETAIL SHEET

ORANGE COUNTY DRAINAGE DISTRICT
MAINTENANCE SHOP ROOF REPLACEMENT PROJECT
ORANGE COUNTY, TX

EXHIBIT

12

DATE: 7/20

SCALE: NTS

DRAWN: N.M.F.

PROJ. No.: OCD-070

DESIGN: J.M.W.

CHECKED: