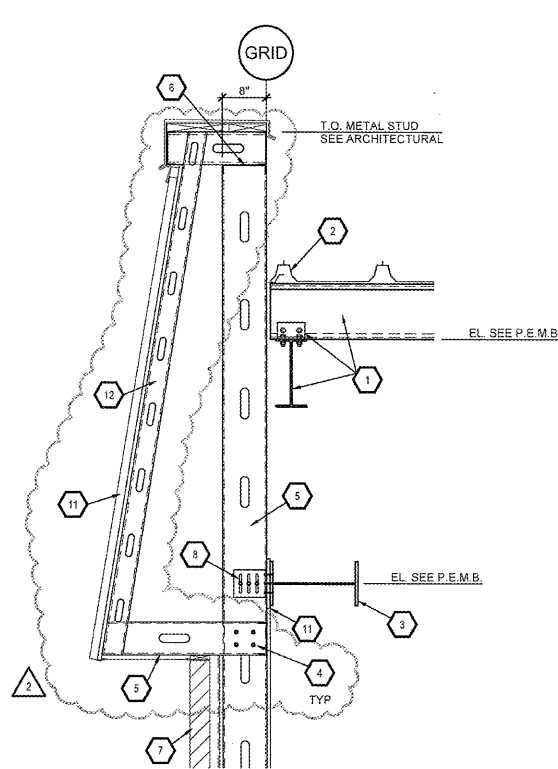
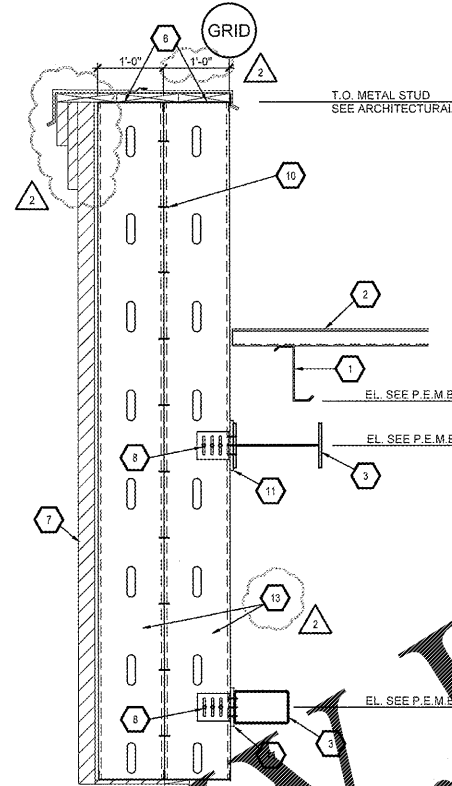


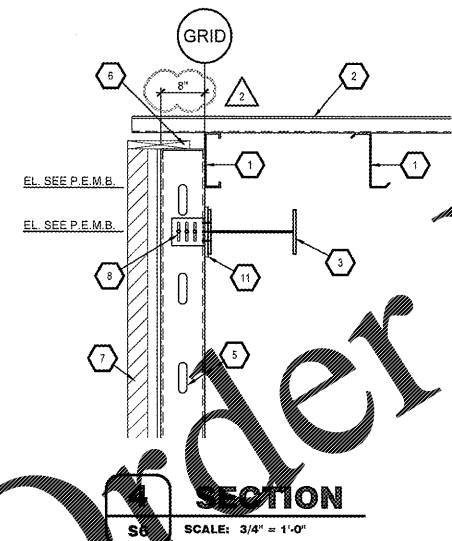
**1 SECTION**  
S6 SCALE: 3/4" = 1'-0"



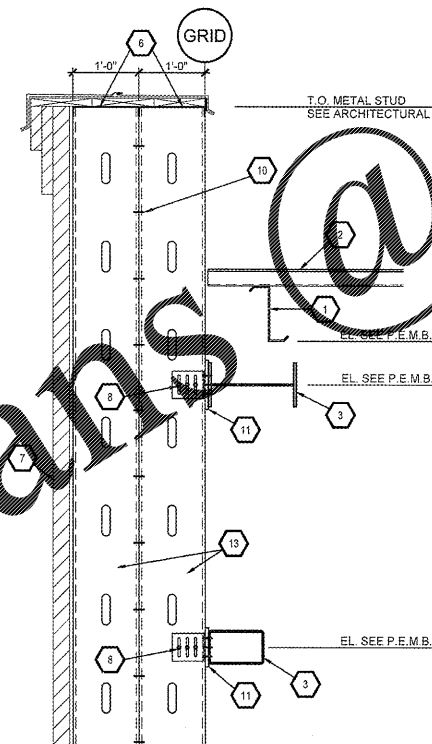
**2 SECTION**  
S6 SCALE: 3/4" = 1'-0"



**3 SECTION**  
S6 SCALE: 3/4" = 1'-0"



**4 SECTION**  
S6 SCALE: 3/4" = 1'-0"



**5 SECTION**  
S6 SCALE: 3/4" = 1'-0"

**KEYNOTES:**

- 1 PRE-ENGINEERED METAL BUILDING (P.E.M.B.) STRUCTURAL SYSTEM. SEE P.E.M.B. SHOP DRAWINGS FOR ADDITIONAL INFORMATION.
- 2 PRE-ENGINEERED METAL BUILDING ROOF SYSTEM. SEE P.E.M.B. SHOP DRAWINGS FOR ADDITIONAL INFORMATION.
- 3 PRE-ENGINEERED METAL BUILDING WIND BEAM OR BRACING FOR LATERAL LOADS AND/OR VERTICAL SUPPORT AT STOREFRONT. SEE P.E.M.B. SHOP DRAWINGS. FIELD DRILL HOLES WIND BEAM TO MATCH CLIP LOCATIONS.
- 4 (4) #12 TEK SCREWS @ EACH STUD TO STUD CONNECTION.
- 5 8" METAL STUDS AT INSIDE FACE, 12" METAL STUDS AT OUTSIDE FACE PER PLAN ON SHEET S6 WITH 1/2" EXTERIOR PLYWOOD SHEATHING PER TYPICAL COLD-FORMED NOTES ON SHEET S6.
- 6 CONTINUOUS 18GA TRACK
- 7 EXTERIOR FINISH PER ARCHITECTURAL DRAWINGS
- 8 STEEL NETWORK "VERTICAL MEMBER" (OR EQUIVALENT) FASTENED TO EACH STUD WITH (3) #12 SCREWS AND TO P.E.M.B. STRUCTURAL SYSTEM WITH (3) #12 SCREWS.
- 9 STEEL NETWORK "STIFFENER" (OR EQUIVALENT) FASTENED TO EACH STUD WITH (4) #12 SCREWS AND TO P.E.M.B. STRUCTURAL SYSTEM WITH (3) #12 SCREWS.
- 10 CONNECT STUDS TOGETHER WITH (2) #12 SCREWS @ 12" O.C. (AT STUD ABOVE 4" BLOCK, CONNECT STUDS TOGETHER WITH (2) #12 SCREWS @ 8" O.C.)
- 11 ROOF PURLIN SYSTEM PER ARCH OVER 1/2" PLYWOOD FASTENED PER COLD-FORMED STEEL FRAMING NOTE 11 ON THIS SHEET
- 12 1/2" x 20ga (3525262-33) METAL STUDS @ 24" O.C. FASTENED TO EACH STUD WITH (2) #12 SCREWS @ EACH END.
- 13 12" METAL STUDS INSIDE AND OUTSIDE FACE @ 12" WITH 1/2" EXTERIOR PLYWOOD SHEATHING PER COLD-FORMED NOTES ON THIS SHEET.

- COLD-FORMED STEEL FRAMING NOTES:**  
TYPICAL COLD-FORMED STUD, JOIST AND TRACK SHALL BE PER THE FOLLOWING, UNLESS OTHERWISE NOTED IN SECTIONS:
1. TYPICAL 8" STUDS:  
800S162-43 AT 24" ON CENTER.  
8" STUD WITH 1 1/2" STIFFENED FLANGES  
18 GAUGE (t = 0.0451" OR 43 MILS)
  2. TYPICAL 8" TRACK:  
800T150-43 TOP AND BOTTOM OF STUD  
8" TRACK WITH 1 1/2" FLANGES  
18 GAUGE (t = 0.0451" OR 43 MILS)
  3. TYPICAL 12" STUDS:  
1200S162-43 AT 24" ON CENTER.  
12" STUD WITH 1 1/2" STIFFENED FLANGES  
18 GAUGE (t = 0.0451" OR 43 MILS)
  4. TYPICAL 12" TRACK:  
1200T150-43 TOP AND BOTTOM OF STUD  
8" TRACK WITH 1 1/2" FLANGES  
18 GAUGE (t = 0.0451" OR 43 MILS)
  5. TYPICAL 6" JOIST:  
600S262-43 UNPUNCHED SECTION  
6" DEEP UNPUNCHED SECTION  
18 GAUGE (t = 0.0451" OR 43 MILS) WITH TRACK OF MATCH GAUGE ON EACH END.
  6. TYPICAL CONNECTIONS BETWEEN STUDS AND TRACK WITH (2) ASTM A-153 CORROSION RESISTANT COATED #10 SELF DRILLING AND TAPPING SCREWS WITH LOW PROFILE (1/4" OR LESS) WITH 1/2" EACH SIDE AND APPLIED TO EACH END, UNLESS NOTED OTHERWISE.
  7. CONNECTIONS TO METAL BUILDING NOTED IN SECTION AND SHALL BE APPLIED TYPICAL, UNLESS NOTED OTHERWISE.
  8. FOR NON-STRUCTURAL INTERIOR STUD WALLS, CONNECTION TO CONCRETE SHALL BE A SIMPSON STRONG-TIE STRONG BOLT-2 3/8" DIA. WITH 1 1/2" EMBED @ 32" O.C. CENTERED ON STUD TRACK. MINIMUM OF 2 PER RUNNER. RUNNER TRACK THICKNESS SHALL MATCH WALL STUD GAGE.
  9. FOR ALL OTHER STUD WALLS, CONNECTION TO CONCRETE SHALL BE A SIMPSON STRONG-TIE TITEN HD (ESR-2713) 3/8" DIA. WITH 4" EMBED @ 48" O.C. CENTERED ON STUD TRACK. MINIMUM OF 2 PER RUNNER. RUNNER TRACK THICKNESS SHALL MATCH WALL STUD GAGE.
  10. ALL STUD CONSTRUCTION SHALL HAVE HORIZONTAL BRIDGING AT 48" ON CENTER VERTICALLY. HORIZONTAL SHALL BE CHANNEL WELDED OR MECHANICALLY FASTENED TO WEBS OF PUNCHED STUDS WITH A MINIMUM OF TWO SCREWS INTO EACH FLANGE OF THE CLIP ANGLE FOR FRAMING MEMBER UP TO 6 INCHES DEEP. FOR MEMBERS OVER 6" DEEP AND ALTERNATE FOR 6" DEEP PUNCHED STUDS COMBINATION OF FLAT, TAUT, STEEL SHEET STRAPS OF WIDTH AND THICKNESS MATCHING SOLID TRACK BLOCKING FLANGE AND THICKNESS AT 8 FEET ON CENTER HORIZONTALLY. STRAPS AND TRACK BLOCK TO BE ANCHORED TO EACH STUD WITH (2) SCREWS @ EACH SIDE.
  11. EXTERIOR SHEATHING SHALL BE 1/2" EXTERIOR PLYWOOD (APA RATED) SHEATHING (REFER TO ARCH. DWGS. FOR FIRE TREATMENT REQUIREMENTS). ATTACH PLYWOOD TO EACH STUD WITH #10 FLAT HEAD SCREWS @ 8" O.C. AT PERIMETER OF SHEETS AND @ 12" O.C. AT SHEET INTERIOR. PROVIDE COLD-FORMED BLOCK AT ALL SHEATHING EDGES.



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**PROJECT:**  
NEW O'REILLY AUTO PARTS STORE  
SLIDING HILL PLACE  
ASHLAND, VA #2 - ASHLAND MAGISTERIAL DISTRICT  
**SECTIONS**

**O'Reilly AUTO PARTS**  
CORPORATE OFFICES  
233 SOUTH PATTERSON  
SPRINGFIELD, MISSOURI 65802  
(417) 862-2674 TELEPHONE

COMM # 3993  
DATE: 2-24-17  
REVISION  
DATE: 8-16-17  
11-16-17