



**KEYNOTES:**

- 1 PRE-ENGINEERED METAL BUILDING STRUCTURAL SYSTEM. SEE P.E.M.B. SHOP DRAWINGS FOR ADDITIONAL INFORMATION.
- 2 ANCHOR BOLTS. SEE FOUNDATION SCHEDULE AND PRE-ENGINEERED METAL BUILDING DRAWINGS FOR SIZE, QUANTITY AND PLAN LOCATIONS. SEE A/S4 FOR TYPICAL SHOP FABRICATED ANCHOR ASSEMBLY.
- 3 INTERIOR CONCRETE SLAB, SEE FOUNDATION PLAN.
- 4 EXTERIOR CONCRETE SLAB OR SIDEWALK, SEE FOUNDATION PLAN.
- 5 1/2" DIA. x 1'-6" SMOOTH DOWELS @ 24"oc, GREASE COKE EMO TO PREVENT BOND.
- 6 SLAB HAIRPIN, SEE DETAIL 5/S4.
- 7 1/2" ISOLATION JOINT WITH ASPHALTIC FILLER & SEALANT.
- 8 #4 CONTINUOUS.
- 9 PROVIDE 1/2" x 1/2" x 1/2" PLAIN WASHERS ON ANCHOR BOLTS.
- 10 SEE DETAIL 5/S4 FOR VERTICAL ANCHOR BOLT CONFINEMENT REINFORCEMENT.
- 11 #3 TIES @ 4"oc IN SLAB AND #3 @ 8"oc (MINIMUM OF THREE TIES) IN FOOTING.
- 12 #4 VERTICAL BENT DOWELS. 12"
- 13 PROVIDE #4 STIRRUPS TO SUPPORT TOP REBAR IN FOOTING (3 MIN).
- 14 #4 @ 2"oc EACH WAY, TOP. 3" CLEAR COVER EACH END AND ABOVE.
- 15 COLUMN FOOTING REINFORCEMENT, SEE FOUNDATION SCHEDULE.
- 16 #4 x 5'-0" DOWEL @ 24"oc. FIELD BEND AS SHOWN. 24"
- 17 (3) #5 CONTINUOUS, TOP & BOTTOM.
- 18 #3 STIRRUPS @ 30"oc.
- 19 #3 STIRRUP CAP @ 30"oc.
- 20 PAVING OR GRADING, SEE SITE DEVELOPMENT DRAWINGS FOR ADDITIONAL INFORMATION. SEE GRADING PLAN FOR FINISH GRADES.
- 21 CONTINUOUS FOOTING REINFORCEMENT TO RUN THROUGH COLUMN FOOTING.
- 22 (3) #4 CONTINUOUS.
- 23 CONTINUOUS FOOTING BEYOND.
- 24 #4 x 1'-6" DOWELS @ 24"oc. DRILL AND EPOXY INTO FOUNDATION WITH SIMPSON STRONG-TIE SET-XP (ESR 2806) OR HILTI HIT-RE 500-SD EPOXY SYSTEM (ESR 2322) AND 8" EMBEDMENT (MIN).
- 25 #4 x 4'-0" DOWELS @ 18"oc. FIELD BEND AS SHOWN. 12"
- 26 NOT USED.
- 27 STEEL BOLLARD, SEE SITE PLAN.
- 28 #4 BENT BAR TIED TO CONTINUOUS #4.
- 29 #5 CONTINUOUS, TOP & BOTTOM AT SLAB PROJECTION PER PLAN.
- 30 #3 U-BARS @ 30"oc AT SLAB PROJECTION PER PLAN.
- 31 1 1/2" EXTRUDED POLYSTYRENE, 15# DENSITY W/ SQUARE EDGE, RIGID INSULATION BOARD LOCATED AS SHOWN AT PERIMETER OF BUILDING. (R-10 MINIMUM PER 1"CH REQUIRED)
- 32 8x4x2 1/2 x 0'-6" Lg ANGLE (LLH) w/ (2) 1/2" DIA. x 6" Lg STUDS & #4x2'-0" Lg @ EACH C8x11.5

**WALL NOTES**

- W1 8" METAL STUD PER PLAN ON SHEET S3 WITH CONNECTION TO CONCRETE PER TYPICAL COLD-FORMED NOTES ON SHEET S6.
- W2 EXTERIOR FINISH, REFER TO ARCHITECTURAL DRAWINGS.
- W3 GROUT SOLID BELOW GRADE.
- W4 FASTEN STUDS TOGETHER WITH #10 SCREWS @ 12"oc.
- W5 12" METAL STUD PER PLAN ON SHEET S3 WITH 1/2" EXTERIOR PLYWOOD SHEATHING AND CONNECTION TO CONCRETE PER TYPICAL COLD-FORMED NOTES ON SHEET S6.
- W6 C8x11.5 @ 48"oc INFILLED WITH 8" METAL STUD PER SHEET S3. WELD C8 ALL AROUND TO EMBED BELOW. PROVIDE CONTINUOUS 8" TRACK @ SILL OF WINDOW ABOVE.

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