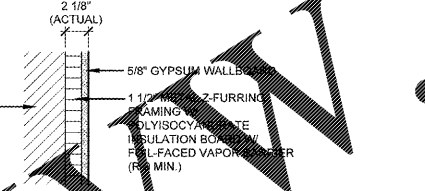
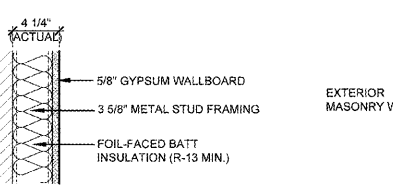
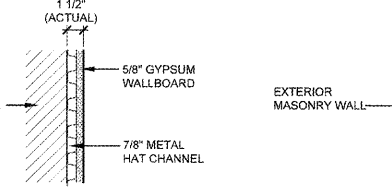
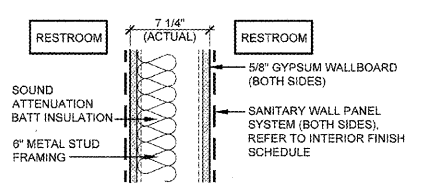
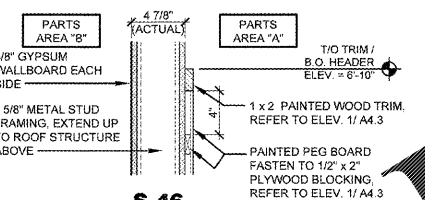
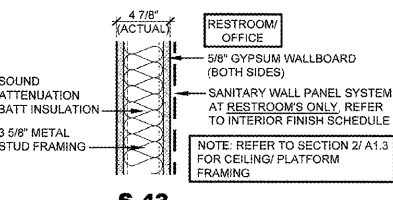
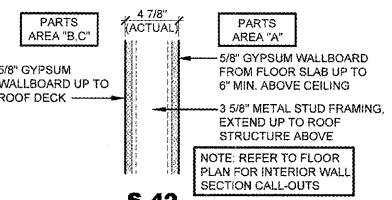
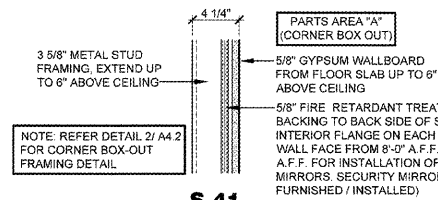


WALL TYPE GENERAL NOTES

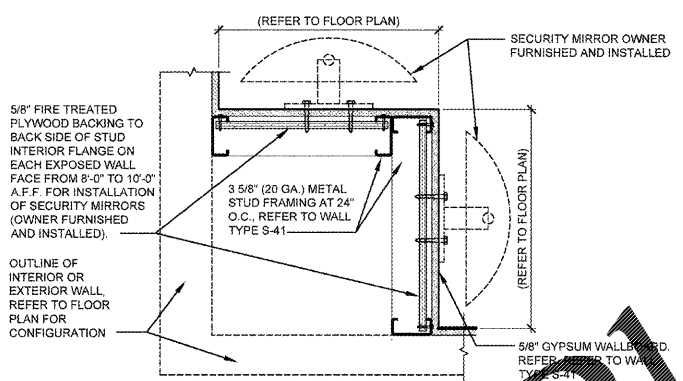
- REFER TO ARCHITECTURAL GENERAL SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- ALL PLYWOOD AND WOOD BLOCKING TO BE FIRE RETARDANT TREATED MATERIAL.
- REFER TO REFLECTED CEILING PLAN FOR CEILING TYPE, HEIGHTS AND CEILING DETAILS.
- REFER TO FINISH PLAN FOR ALL FINISH TYPES.
- REFER TO FLOOR PLAN AND ENLARGED FLOOR PLANS FOR WALL TYPE LOCATIONS.
- METAL STUD FRAMING (COLD FORM):**
 - REFER TO ARCHITECTURAL GENERAL SPECIFICATION SECTION 5.0 FOR ADDITIONAL REQUIREMENTS.
 - 3 5/8" (20 GA.) PARTIAL HEIGHT:** WHERE WALLS ARE CONSTRUCTED FROM FLOOR SLAB UP TO 12'-0", PROVIDE METAL STUD FRAMING AT 24" O.C.
 - 3 5/8" (18 GA.) FULL HEIGHT:** WHERE WALLS ARE CONSTRUCTED FROM FLOOR SLAB UP TO ROOF STRUCTURE, PROVIDE METAL STUD FRAMING AT 16" O.C.
 - 1 5/8" OR 3 5/8" (20 GA.) EXTERIOR WALL FURRING:** WHERE EXTERIOR WALL REQUIRES INTERIOR WALL FURRING, PROVIDE METAL STUD FRAMING AT 24" O.C. AND CLIPS AT 48" O.C. VERTICAL AT EACH ALTERNATE STUD, REFER TO WALL TYPES FOR LOCATION.
 - 8" (10 GA.) STUD FRAMING AT 24" O.C.:** REFER TO WALL TYPES FOR LOCATION.

- 3 5/8" METAL STUDS EXTENDING (TALLER THAN 10'-0") AND 6" METAL STUDS EXTENDING (TALLER THAN 15'-0") SHALL BE BRACED BACK TO ROOF STRUCTURE ABOVE CEILING USING 3 5/8" (18 GA) BRACING AT 48" O.C. AT A 45°-45° ANGLE.
- PROVIDE DEFLECTION CHANNEL ABOVE TRACK AND VERTICAL SIDE CLIPS WHEN EXTENDING METAL STUDS TO ROOF STRUCTURE. REFER TO ARCHITECTURAL GENERAL SPECIFICATIONS SECTION 5.0 FOR ADDITIONAL REQUIREMENTS. DEFLECTION CHANNEL SHALL HAVE A 1/2" MINIMUM DEFLECTION.
- GYPSUM WALLBOARD:**
 - REFER TO ARCHITECTURAL GENERAL SPECIFICATIONS SECTION 8.1 FOR ADDITIONAL REQUIREMENTS.
 - GYPSUM WALLBOARD TO BE 5/8" TYPE X FIRE-RATED TYPE UNLESS NOTED OTHERWISE.
 - GYPSUM WALLBOARD INSTALLED FROM FLOOR SLAB UP TO 6" MINIMUM ABOVE ACOUSTICAL SUSPENDED CEILING SYSTEM OR FROM FLOOR SLAB UP TO GYPSUM WALLBOARD CEILING AND IF NO CEILING OCCURS, EXTEND GYPSUM WALLBOARD UP TO ROOF DECK ABOVE UNLESS NOTED OTHERWISE.
 - PROVIDE MOISTURE RESISTANT TYPE 'X' GYPSUM WALLBOARD AT ALL WET LOCATIONS INCLUDING BUT NOT LIMITED TO: RESTROOMS, JANITOR MOP SINK AREA AND BEHIND DRINKING FOUNTAIN.
 - EXPANSION/ CONTROL JOINTS:** INSTALL EXPANSION JOINTS IN CEILINGS EXCEEDING 2500 SQ. FT. IN AREA AND IN PARTITION WALL LENGTHS EXCEEDING 30 FEET. DO NOT EXCEED A DISTANCE OF 50 FEET IN ANY DIRECTION BETWEEN CEILING JOINTS. INSTALL CONTROL JOINTS WHERE FRAMING OR FURRING CHANGES DIRECTION, REFER TO SECTION 3/A4.2
- PROVIDE 'J' MOLDING REGLETS OR CORNER BEAD AT ALL DISSIMILAR WALL MATERIAL TRANSITIONS.
- WHERE DEFLECTION TRACKS OCCURS, DO NOT ANCHOR GYPSUM WALLBOARD TO TOP RUNNER TRACK.
- REMAINING EXISTING GYPSUM WALLBOARD TO BE PATCHED AND REPAIRED TO MATCH EXISTING GYPSUM WALLBOARD. PREPARE EXPOSED SURFACE TO RECEIVE NEW SCHEDULED WALL FINISH.
- SOUND ACOUSTICAL WALL:**
 - RESTROOMS/ OFFICE WALL/ CEILING:** PROVIDE 3 1/2" R-11 UN-FACED SOUND BATT INSULATION FROM FLOOR SLAB UP TO UNDERSIDE OF CEILING FRAMING. PROVIDE 6" R-19 UN-FACED SOUND BATT INSULATION BETWEEN CEILING FRAMING, REFER TO SECTION 2/A1.3
 - SEAL GAPS WITH ACOUSTICAL SEALANT BY USG BOTH SIDES OF PARTITION AND AT BOTTOM EDGE OF GYPSUM WALLBOARD AT FLOOR.
 - PROVIDE ACOUSTICAL SEALANT BY USG AROUND PROTRUDING WALL ABOVE WITHIN SOUND WALL.
 - FLOOR TRACKS TO BE SET IN SEALANT.
 - INSULATION SHALL HAVE A FLAME SPREAD RATING OF 0-25 AND A SMOKE DEVELOPMENT RATING OF 0-450.
 - WHERE WALL DEVICE PENETRATIONS CANNOT BE AVOIDED, THOSE AREAS MUST BE ISOLATED AND FULLY SEALED.
 - ACOUSTICAL TREATMENT IS NOT REQUIRED TO CONTINUE ABOVE THE CEILING LINE AS LONG AS THE JOINT BETWEEN THE CEILING AND THE WALL IS SOLID AND SEALED.



1 WALL TYPES

A4.2 SCALE: 1 1/2" = 1'-0"



2 CORNER BOX-OUT FRAMING DETAIL

A4.2 SCALE: 1 1/2" = 1'-0"



3 GWS CONTROL JOINT

A4.2 SCALE: 1 1/2" = 1'-0"



4 CONCRETE SLAB SAW CUT INFILL DETAIL

A4.2 SCALE: 3/4" = 1'-0"



GENERAL CONCRETE SPECIFICATIONS

NOTE: IF STRUCTURAL DRAWINGS OCCURS WITHIN THESE CONSTRUCTION DOCUMENTS, REFER TO STRUCTURAL DRAWINGS FOR INFORMATION NOTED BELOW

CONCRETE:

- ALL CONCRETE SHALL BE NORMAL-WEIGHT (DENSITY=145 PCF) AND SHALL HAVE A 28-DAY COMPRESSIVE STRENGTH IN ACCORDANCE WITH THE FOLLOWING:

SPECIFIED COMPRESSIVE STRENGTH (psi)	NON AIR-ENTRAINED CONCRETE (lbs.)	AIR-ENTRAINED CONCRETE (lbs.)
3000	500	500
4000	500	500
- THE SLUMP OF ALL CONCRETE SHALL NOT EXCEED 4" UNLESS A HIGH RANGE WATER-REDUCING ADMIXTURE IS USED. THE SLUMP OF CONCRETE PRIOR TO ADDITION OF A HIGH-RANGE WATER-REDUCING ADMIXTURE SHALL NOT EXCEED 4". THE SLUMP OF CONCRETE CONTAINING A HIGH RANGE WATER-REDUCING ADMIXTURE SHALL NOT EXCEED 10".
- ALL EXTERIOR CONCRETE SHALL BE AIR-ENTRAINED WITH BETWEEN 4% AND 8% AIR CONTENT.
- THE COARSE AGGREGATE SIZE SHALL BE #57 OR LARGER.
- THE MINIMUM PORTLAND CEMENT CONTENT (ASTM C150 TYPE I OR II) OF ALL CONCRETE SHALL CONFORM TO THE FOLLOWING TABLE (FLY ASH NOT PERMITTED):

SPECIFIED COMPRESSIVE STRENGTH (psi)	NON AIR-ENTRAINED CONCRETE (lbs.)	AIR-ENTRAINED CONCRETE (lbs.)
3000	500	500
4000	500	500

- THE CONTRACTOR SHALL SUBMIT CONCRETE MIX DESIGNS FOR REVIEW A MINIMUM OF ONE WEEK PRIOR TO THE PLACEMENT OF ANY CONCRETE. THE CONCRETE MIX DESIGNS SHALL INCLUDE ALL STRENGTH DATA NECESSARY TO SHOW COMPLIANCE WITH THE PROJECT SPECIFICATIONS FOR EITHER THE TRIAL BATCH OR FIELD EXPERIENCE METHOD.
- CONCRETE REINFORCING STEEL SHALL CONFORM TO ASTM A630, GRADE 60, UNLESS NOTED OTHERWISE.
- CONCRETE REINFORCING STEEL SHALL BE WELDED SHALL CONFORM TO ASTM A706.
- WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185.
- ALL REINFORCING SHALL BE RETAINED, PROTECTED, AND PLACED IN ACCORDANCE WITH THE LATEST EDITION OF THE AMERICAN CONCRETE INSTITUTE DETAILING MANUAL.
- ALL REINFORCING SHALL BE SUPPORTED IN FORMS, SPACED WITH NECESSARY ACCESSORIES AND SHALL BE SECURELY TIED TOGETHER IN ACCORDANCE WITH THE LATEST EDITION OF THE CRSI "MANUAL OF STANDARD PRACTICE".
- MINIMUM CONCRETE CLEAR COVER OVER REINFORCING STEEL, UNLESS NOTED OTHERWISE, SHALL BE:

FORMED SURFACES EXPOSED TO EARTH OR WEATHER:	3 IN.
#3 BARS AND SMALLER	1 1/2 IN.
SLAB WALLS, AND JOISTS	3/4 IN.
#11 BARS AND SMALLER	3/4 IN.
- ALL BASE PLATES, ANCHOR BOLTS, SUPPORT ANGLES, ETC., WHICH ARE BELOW GRADE SHALL BE COVERED WITH A MINIMUM OF 3" OF CONCRETE.
- ALL LAP SPLICES SHALL BE IN ACCORDANCE WITH THAT SHOWN ON THE DRAWINGS.

SUB-GRADE PREPARATION NOTE

- ALL EXPOSED AND/OR DISTURBED GRANULAR BASE AREAS SHALL BE COMPACTED TO A MINIMUM OF 95% OF OPTIMUM DENSITY IN ACCORDANCE WITH ASTM D 1557 AT OPTIMUM MOISTURE CONTENT AND TO A MINIMUM DEPTH OF 8" - ALL SUBGRADE SOIL AREAS EXPOSED BY EXCAVATIONS AND GRADING SHALL BE COMPACTED TO A MINIMUM OF 95% OF OPTIMUM DENSITY IN ACCORDANCE WITH ASTM D 1557 AT OPTIMUM MOISTURE CONTENT AND TO A MINIMUM DEPTH OF 12" - FILL WHERE REQUIRED SHALL BE PLACED IN LIFTS NOT TO EXCEED 8" LOOSE MEASURE AND SHALL BE COMPACTED AS OUTLINED ABOVE - THE ON SITE TESTING COMPANY SHALL PROVIDE TESTING AND INSPECTION OF THE SOIL WORK PRIOR TO PLACING CONCRETE.

CASCO + R5
12 Sunnen Drive, Suite 100,
St. Louis, MO 63143
821.1100

REVISIONS:

NO.	DESCRIPTION

O'Reilly AUTO PARTS
CORPORATE OFFICES
233 SOUTH PATTERSON
SPRINGFIELD, MISSOURI 65802
417-865-2674 PHONE

PROJECT:
RE-MODEL O'REILLY AUTO PARTS STORE
103 E. GORDON AVE.
GORDONSVILLE, VA 22942
WALL TYPES & DETAILS

COMMONWEALTH OF VIRGINIA
Professional Seal
Mark S. Springer
License #151841
Exp. Date: 11/30/19
Professional of Record

DRAWN: RLJ
CHECKED: MGC
DATE: 10-17-2018
JOB NO.: 118168 (GDV)
SHEET:

A4.2

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