# **WALL TYPE GENERAL NOTES**

- REFER TO ARCHITECTURAL GENERAL SPECIFICATIONS FOR
- ALL PLYWOOD AND WOOD SLOCKING TO BE FIRE RETARDANT TREATED MATERIAL.
- 3. REFER TO REFLECTED CEILING PLAN FOR CEILING TYPE, HEIGHTS AND CEILING DETAILS.
- REFER TO FINISH PLAN FOR ALL FINISH TYPES.

3 5/8" METAL STUD

FRAMING, EXTEND UP TO 6" ABOVE CEILING-

NOTE: REFER DETAIL 2/ A4.2 FOR CORNER BOX-OUT

5. REFER TO FLOOR PLAN AND ENLARGED FLOOR PLANS FOR WALL TYPE LOCATIONS.

## 6. METAL STUD FRAMING (COLD FORM):

- A. REFER TO ARCHITECTURAL GENERAL SPECIFICATION SECTION 5.0 FOR ADDITIONAL REQUIREMENTS.
- B. 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.
- C. 3.5/8" (18 GA.) FULL HEIGHT: WHERE WALLS ARE CONSTRUCTED FROM FLOOR SLAB UP TO ROOF STRUCTURE, PROVIDE METAL STUD
- D. 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
- E. 6" 20 (GA.): STUD FRAMING AT 24" O.C., REFER TO WALL TYPES FOR

PARTS AREA "A"

ORNER BOX OUT

5/8" GYPSUM WALLBOARD FROM FLOOR SLAB UP TO 6" ABOVE CEILING

FURNISHED / INSTALLED)

(REFER TO FLOOR PLAN)

-5/8" FIRE RETARDANT TREATED PLYWOOD

BACKING TO BACK SIDE OF STUD INTERIOR FLANGE ON EACH EXPOSED WALL FACE FROM 8".0" A.F.F. UP TO 10".0" A.F.F. FOR INSTALLATION OF SECURITY

MIRRORS, SECURITY MIRRORS (OWNER

- F. 3 5/8" METAL STUDS EXTENDING (TALLER THAN 10'-0") AND 6" METAL STUDS EXTENDING (TALLER THAT 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°+/- ANGLE.
- G. 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 1/2" MINIMUM DEFLECTION.

#### GYPSUM WALLBOARD:

- A. REFER TO ARCHITECTURAL GENERAL SPECIFICATIONS SECTION 8.1 FOR ADDITIONAL REQUIREMENTS.
- B. GYPSUM WALLBOARD TO BE 5/8" TYPE X FIRE-RATED TYPE UNLESS
- C. 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
- D. PROVIDE MOISTURE RESISTANT TYPE 'X' GYPSUM WALLBOARD AT ALL WET LOCATIONS INCLUDING BUT NOT LIMITED TO: RESTROOMS, JANITOR MOP SINK ARE AND BEHIND DRINKING FOUNTAIN.
- E. <u>EXPANSION/ CONTROL JOINTS</u>: 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 2/ A4.2

#### F. PROVIDE 'J' MOLDING REGLETS OR CORNER BEAD AT ALL DISSIMILAR 9. EXTERIOR WALL INSULATION: WALL MATERIAL TRANSITIONS

- G. WHERE DEFLECTION TRACKS OCCURS, DO NOT ANCHOR GYPSUM WALLBOARD TO TOP RUNNER TRACK.
- H. REMAINING EXISTING GYPSUM WALLBOARD TO BE PATCHED AND REPAIRED TO MATCH EXISTING GYPSUM WALLBOARD, PREPARE EXPOSED SURFACE TO RECEIVE NEW SCHEDULED WALL FINISH

#### 8. SOUND ACOUSTICAL WALL:

- A. 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 NSULATION BETWEEN CEILING FRAMING . REFER TO SECTION 2/ A1.3
- B. SEAL GAPS WITH ACOUSTICAL SEALANT BY USG BOTH SIDES OF PARTITION AND AT BOTTOM EDGE OF GYPSUM WALLBOARD AT
- C. PROVIDE ACOUSTICAL SEALANT BY USG AROUND PROTRUDING WALL ABOVE WITHIN SOUND WALL.
- D. FLOOR TRACKS TO BE SET IN SEALANT
- E. INSULATION SHALL HAVE A FLAME SPREAD RATING OF 0-25 AND A SMOKE DEVELOPMENT RATING OF 0-450.
- F. WHERE WALL DEVICE PENETRATIONS CANNOT BE AVOIDED, THOSE AREAS MUST BE BE ISOLATED AND FULLY SEALED.
- G. 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.

# UNDERSIDE OF ROOF STRUCTURE, THE GENERAL CONTRACTOR TO PROVIDE AND INSTALL INSULATION TO MATCH EXISTING AND TO COMPLY WITH THE CURRENT EMERGY CODE. REFER TO WALL TYPES FOR ADDITIONAL INFORMATION. NO EXPOSED KRAFT-FACED INSULATION IS ACCEPTABLE.

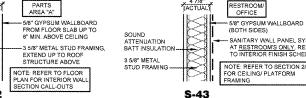
NOTE: NO EXPOSED KRAFT-FACED INSULATION IS ACCEPTABLE

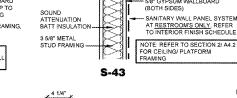
A. REPLACE ALL EXISTING DAMAGED INSULATION AS REQUIRED TO

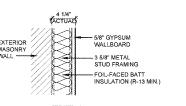
MATCH EXISTING AND TO COMPLY WITH THE CURRENT ENERGY CODE. AFTER THE DIMOLITION PHASE HAS BEEN COMPLETED, IF NO EXISTING INSULATION IS PRESENT FROM FLOOR SLAB UP TO

- MASONRY STUD WALL FRAMING: PROVIDE A MINIMUM R-13
  FOIL-FACED BATT INSULATION AT PERIMETER EXTERIOR WALLS
  FROM FLOOR SLAB UP TO UNDERSIDE OF ROOF DECK, REFER TO
  WALL TYPES FOR LOCATIONS.
- C. MASONRY WALL FURRING: PROVIDE 1 1/2" (26 GA) COLD FORM METAL Z-FURRING FRAMING AT 24" O.C. AND POLYISOCYANUARTE INSULATION (R-9 MIN) BOARD WITH FOIL-FACED VAPOR BARRIER FROM FLOOR SLAB UP TO UNDERSIDE OF ROOF DECK, REFER TO WALL TYPES FOR LOCATIONS.
- 10. FIRE RATED WALLS: WHERE EXISTING OR NEW FIRE RATED WALLS OCCUR, PROVIDE FIRE STOPPING AND FIRE SEALANT MATERIALS AS REQUIRED AT ALL RATED WALL CONSTRUCTION MATERIAL TRANSITIONS AND PENETRATIONS, RATING TO BE EQUAL TO RATED WALL ASSEMBLY
- 11. PROVIDE DIAGONAL BACKING BRACING (3" X 16 GA. FLAT STRIP ) AT CORNER FACES OF FREE STANDING PARTITION SYSTEMS.

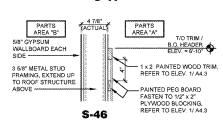
#### PARTS AREA "B,C" PARTS AREA "A" 5/8" GYPSHM WALLBOARD 5/8" GYPSUM FROM FLOOR SLAB UP TO WALLBOARD UP TO 6" MIN. ABOVE CEILING EXTEND UP TO ROOF STRUCTURE ABOVE NOTE: REFER TO FLOOR PLAN FOR INTERIOR WAL SECTION CALL-OUTS

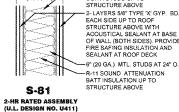






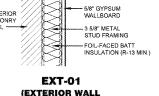






5/8° GYPSUM WALLBOARD REFER, REFER TO WALL TYPE S-41

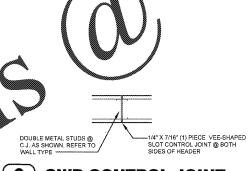




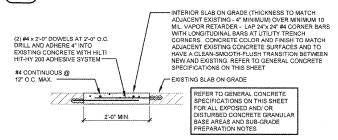
FURRING)













AND INSTALLED

A4.2

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# **CONCRETE SLAB** SAW CUT INFILL DETAIL

### **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:
ALL FOUNDATIONS, INTERIOR SLAB. 3000psi

EXTERIOR SLABS, CURBS, SIDEWALKS: 4000ps ALL OTHER CONCRETE (U.N.O.):

THE SLUMP OF ALL CONCRETE SHALL NOT EXCEED 4° UNLESS A HIGH RANGE WATER-REDUCING ADMIXTURE IS USED. TH CONCRETE PRIOR TO ADDITION OF A HIGH-RANGE WATER-REDUCING ADMIXTURE SHALL NOT EXCEED 4". THE SLUMP OF 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

4. THE COARSE AGGREGATE SIZE SHALL BE #57 OR LARGER

THE MINIMUM PORTLAND CEMENT CONTENT (ASTM C150 TYPE | OR II) OF ALL CONCRETE SHALL CO THE FOLLOWING TABLE (FLY ASH NOT PERMITTED).

SPECIFIED COMPRESSIVE SRENGTH (psi)	NON AIR-ENTRAINED CONCRETE (lbs.)	AIR-ENTRAINED CONCRETE (ps.)	
3000	470	517	
4000	<b>W</b>		<i>/////</i>

THE CONTRACTOR SHALL SUBMIT CONCRETE MIX DES WEEK PRIOR TO THE PLACEMENT OF ANY CONCRETE. THE CONCRETE MIX D ECESSARY TO SHOW COMPLIANCE WITH THE PROJECT SPECIFICATIONS FO

CONCRETE REINFORC L CONFORM TO A JNLESS NOTED OTHERWISE

CONCRETE REIN

ASTM A WELDED WIRE FAR

D PLACED IN ACCORDANCE WITH THE LATEST EDITION OF

COVER OVER REINFORCING STEEL, UNLESS NOTED OTHERWISE, SHALL BE: NTACT WITH THE GROUND 3 IN.

1 1/2 IN 3/4 IN.

ASE PLATES, ANCHOR BOLTS, SUPPORT ANGLES, ETC., WHICH ARE BELOW GRADE SHALL BE COVERED WITH A MINIMUM OF 3" OF

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 WASTIM 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 WASTIM 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



Parts

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O'REILLY ME PROJECT: RE-MODEL NORT 523 LORI



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James A. Schmitt Ligense #102092 Exp Date: 8/31/18

VVP RAWN: HECKED: MGC DATE: 2-15-2018 IOB NO : 319287 (LTO)

SHEET