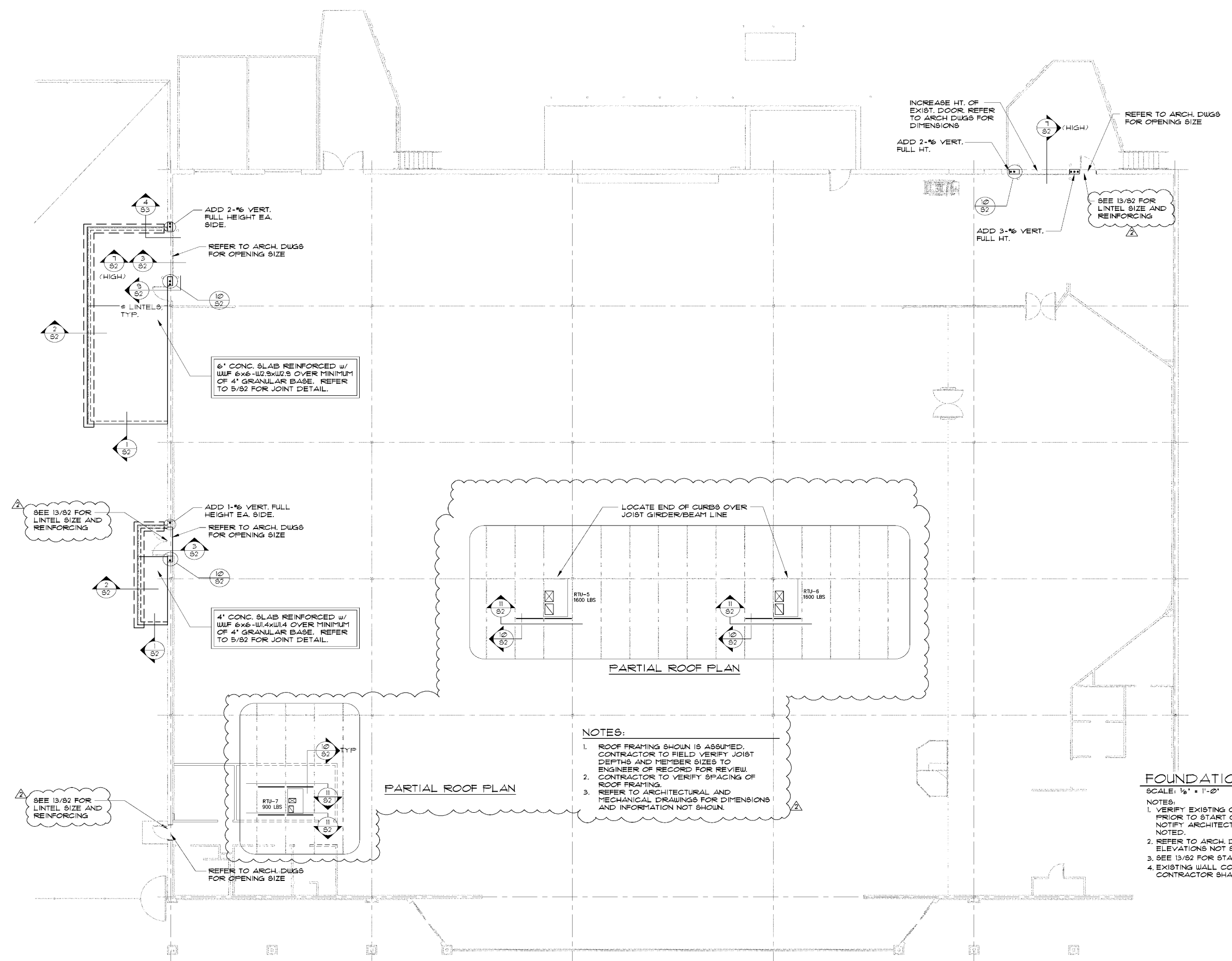


TSC

TRACTOR SUPPLY COMPANY
LEXINGTON
NORTH
CAROLINA



NOTES:

1. ROOF FRAMING SHOWN IS ASSUMED. CONTRACTOR TO FIELD VERIFY JOIST DEPTHS AND MEMBER SIZES TO ENGINEER OF RECORD FOR REVIEW.
2. CONTRACTOR TO VERIFY SPACING OF ROOF FRAMING.
3. REFER TO ARCHITECTURAL AND MECHANICAL DRAWINGS FOR DIMENSIONS AND INFORMATION NOT SHOWN.

FOUNDATION PLAN
SCALE: 1/8" = 1'-0"

NOTES:

1. VERIFY EXISTING CONSTRUCTION AND DIMENSIONS PRIOR TO START OF CONSTRUCTION. IMMEDIATELY NOTIFY ARCHITECT IF CONDITIONS VARY FROM THOSE NOTED.
2. REFER TO ARCH. DRAWINGS FOR DIMENSIONS AND ELEVATIONS NOT SHOWN.
3. SEE 13/82 FOR STANDARD LINTEL SCHEDULE.
4. EXISTING WALL CONSTRUCTION ASSUMED TO BE 12" CMU. CONTRACTOR SHALL VERIFY.

Job Number: 0704
Date: 05.07.2007
Revisions: 05.29.2007
Drawn By: EMC
Checked By: EMC

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Job Number: 070

Date: 05.07.200

Revisions: 05.29.200

Drawn By: EM

Checked By: EM

STRUCTURAL GENERAL NOTES

DESIGN AND CODE INFORMATION

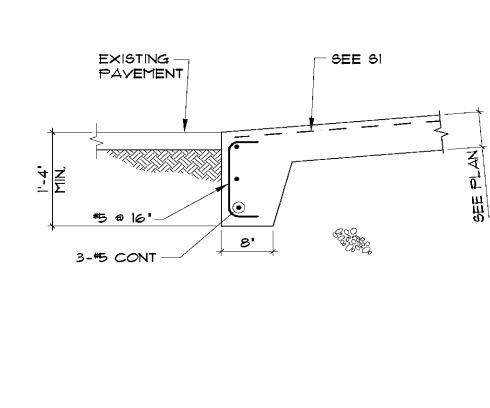
1. ALL NEW CONSTRUCTION SHALL CONFORM TO THE NORTH CAROLINA STATE BUILDING CODE, 2006 EDITION.
2. VERIFY EXISTING CONDITIONS AND DIMENSIONS AND NOTIFY ARCHITECT OF ANY CONDITIONS WHICH DO NOT COMPLY WITH PLANS AND SPECIFICATIONS. STRUCTURAL DRAWINGS MUST BE COORDINATED WITH ARCHITECTURAL DRAWINGS.
3. CONTRACT DOCUMENTS SHALL NOT BE REPRODUCED FOR USE AS SHOP DRAWINGS.
4. THE DESIGN ADEQUACY OF TEMPORARY BRACING AND SHORING IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
5. FOR LOCATION OF MISCELLANEOUS ITEMS (OPENINGS, BENT PLATES, INSERTS, ETC.) AFFECTING STRUCTURAL WORK, SEE ARCHITECTURAL, MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS.
6. DESIGN WIND SPEED: 90 MPH
7. DESIGN WIND LOAD: 15 PSF
COMPONENT 4 CLADDING: 18 PSF
8. SEISMIC DESIGN DATA:
 $S_{cs} = .296$
 $S_{ms} = .183$
SEISMIC DESIGN CATEGORY: C
9. DESIGN ROOF LOADS:
LIVE LOAD: 20 PSF
SNOW LOAD: 15 PSF

REINFORCED CONCRETE

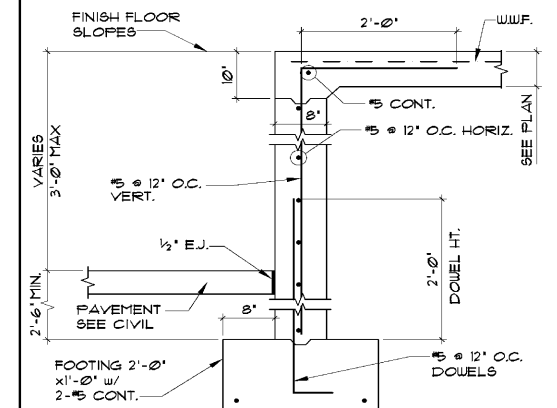
1. ALL CONCRETE WORK SHALL CONFORM TO THE 'BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE,' (ACI 318-02).
2. REINFORCING STEEL SHALL BE DEFORMED BARS ASTM A-615 (GRADE 60).
3. THE COMPRESSIVE STRENGTH AT 28 DAYS OF ALL CAST IN PLACE CONCRETE SHALL BE:
3000 PSI - FOOTINGS
4000 PSI - ALL OTHER CONCRETE
(SEE CIVIL DRAWINGS FOR SITE CONCRETE STRENGTH REQUIREMENTS).
4. LAP SPLICES FOR REINFORCING BARS SHALL BE CLASS B IN ACCORDANCE WITH ACI 318-02, UNLESS NOTED OTHERWISE.
5. CLEAR CONCRETE COVER FOR REINFORCING STEEL:
FOOTINGS 2" FORMED EDGES
3" CAST AGAINST GROUND
6. MECHANICAL VIBRATORS SHALL VIBRATE ALL CONCRETE.
7. ALL CONCRETE EXPOSED TO FREEZE/THAW CONDITIONS SHALL BE AIR ENTRAINED.

CONCRETE MASONRY

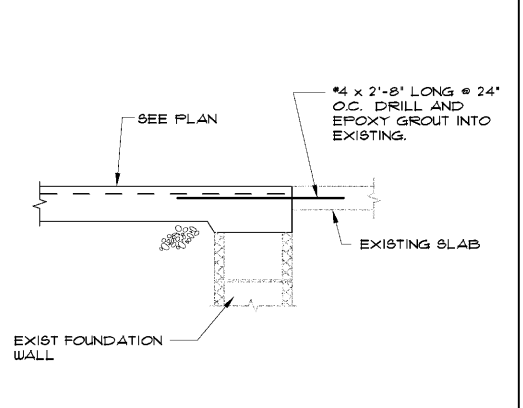
1. CONCRETE MASONRY SHALL CONFORM TO THE NATIONAL CONCRETE MASONRY ASSOCIATION SPECIFICATIONS, AND HAVE A DENSITY OF 125 PCF AND SHALL HAVE A MINIMUM PRISM STRENGTH (FT) OF 1900 PSI.
2. GROUT FOR FILLING CONCRETE MASONRY CELLS SHALL CONFORM TO STANDARD SPECIFICATIONS FOR MORTAR AND GROUT FOR REINFORCED MASONRY, ASTM C-476, AND SHALL HAVE A COMPRESSIVE PRISM STRENGTH (FT) OF 3000 PSI AT 28 DAYS. THE SLUMP SHALL BE BETWEEN 9 INCHES AND 11 INCHES, WHERE THE MINIMUM DIMENSION OF ANY CONTINUOUS VERTICAL CELL IS 3 INCHES OR LESS, USE FINE GROUT, OTHERWISE USE COARSE (FEA GRAVEL) GROUT.
3. MORTAR FOR CONCRETE MASONRY SHALL BE TYPE 'S' AND SHALL CONFORM TO ASTM C-210.
4. REINFORCEMENT IN WALLS SHALL BE PLACED IN THE CENTER OF THE WALL UNLESS NOTED OTHERWISE.



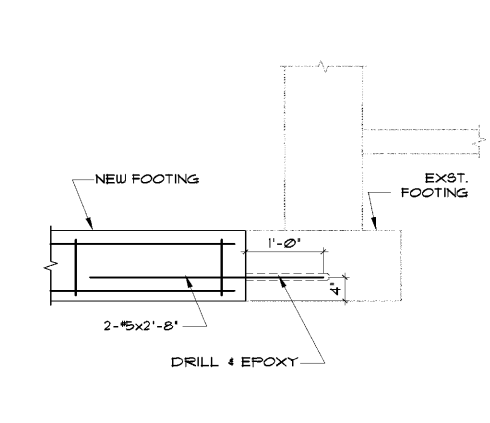
1 TURN DOWN SLAB
SCALE: 1" = 1'-0"



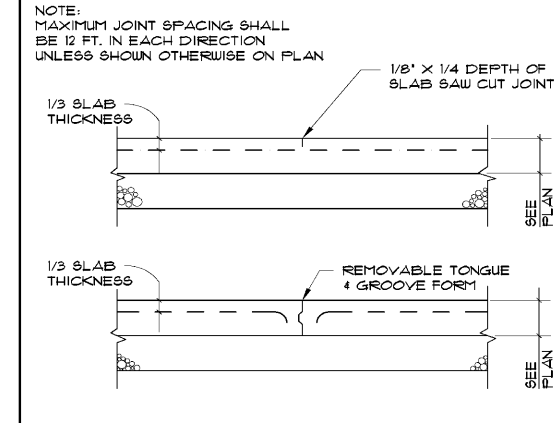
2 SECTION @ WALL/RAMP
SCALE: 1" = 1'-0"



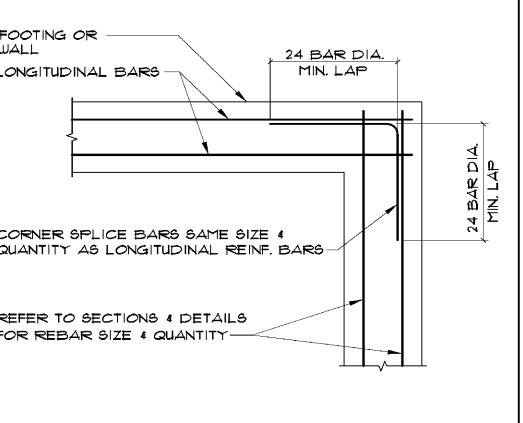
3 SECTION
SCALE: 1" = 1'-0"



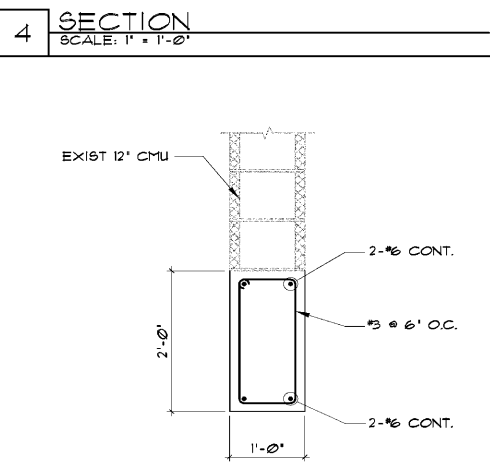
4 SECTION
SCALE: 1" = 1'-0"



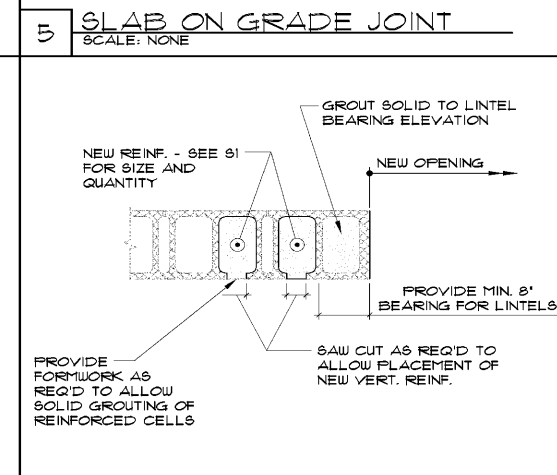
5 SLAB ON GRADE JOINT
SCALE: NONE



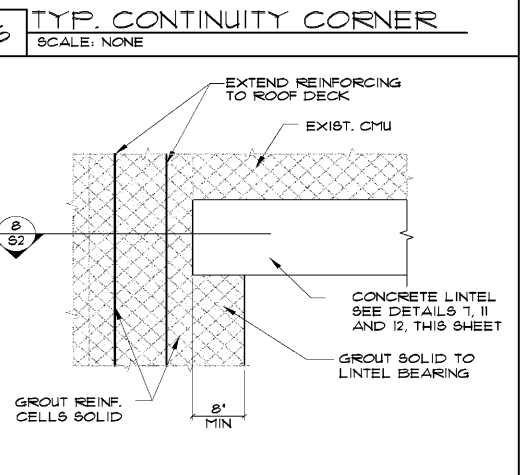
6 TYP. CONTINUITY CORNER
SCALE: NONE



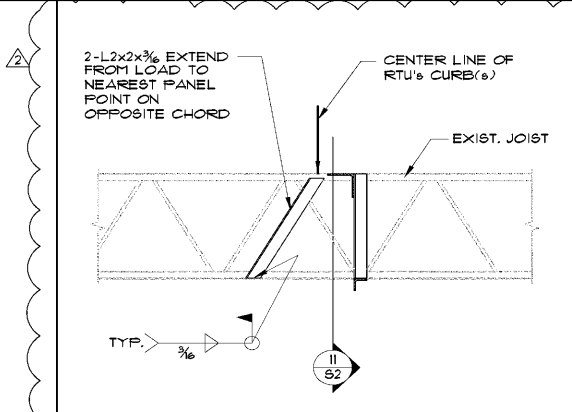
7 SECTION
SCALE: 1" = 1'-0"



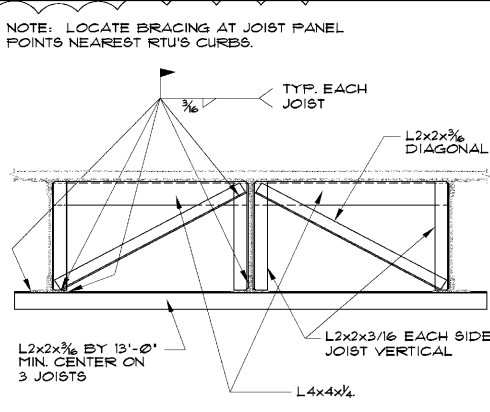
8 SECTION
SCALE: 1" = 1'-0"



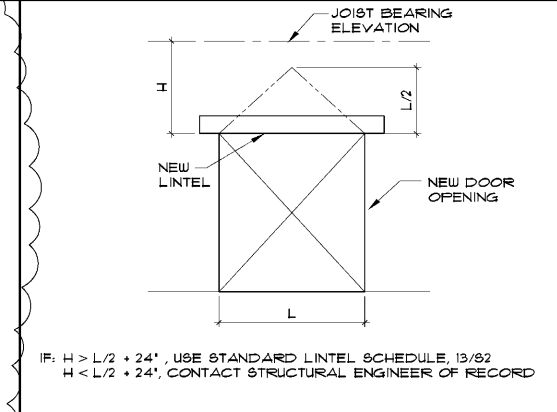
9 SECTION
SCALE: 1" = 1'-0"



10 JOIST REINFORCING
SCALE: NONE



11 JOIST BRACE
SCALE: NONE



12 SECTION
SCALE: 1" = 1'-0"

OPENINGS UP TO 6'-0"		
WALL SIZE	LINTEL TYPE	REMARKS
12" BLOCK	12" x 8" CONC. w/ 2-#4 T4B 12" x 16" BOND BM. w/ 2-#5 T4B	
OPENINGS 6'-1" TO 8'-0"		
WALL SIZE	LINTEL TYPE	REMARKS
12" BLOCK	12" x 8" CONC. w/ 2-#5 T4B	
OPENINGS 8'-1" TO 10'-0"		
WALL SIZE	LINTEL TYPE	REMARKS
12" BLOCK	12" x 24" CONC. w/ 2-#6 T4B #5 STIRRUPS @ 10"	

13 SECTION
SCALE: 1" = 1'-0"

IF: $H > L/2 + 24"$, USE STANDARD LINTEL SCHEDULE, 13/82
IF: $H < L/2 + 24"$, CONTACT STRUCTURAL ENGINEER OF RECORD