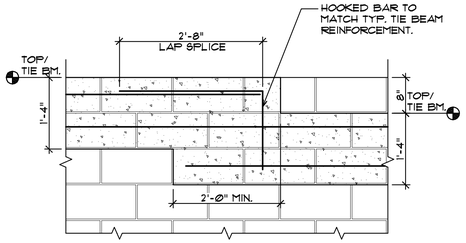
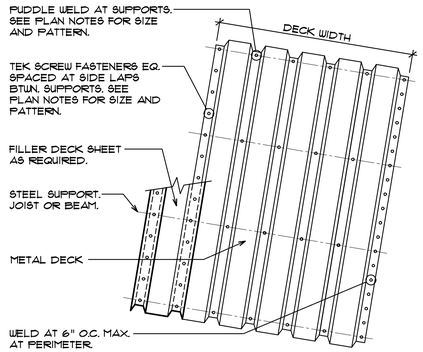
NOTES:
1. REFER TO SHEET S2.1 FOR MASONRY TIE BEAM SCHEDULE.
2. 8" MAXIMUM TIE BEAM STEP TYP. LOCATE TIE BEAM STEPS AS REQ'D. w/ SLOPED ROOF.

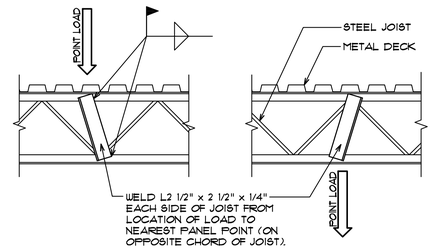


1 STEPPED TIE BEAM DETAIL
SCALE: 3/4" = 1'-0"



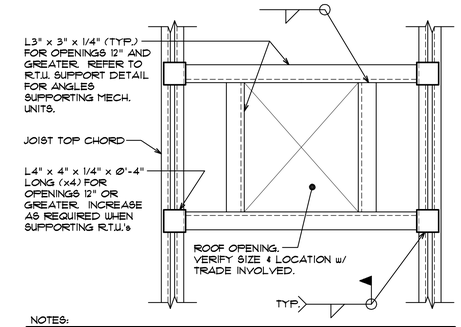
NOTES:
1. MINIMUM DECK BEARING AT END SUPPORTS = 2 1/2"
2. MINIMUM DECK LAP OVER SUPPORTS = 2"

2 METAL DECK ATTACHMENT
NOT TO SCALE



NOTES:
1. STIFFENER REQUIRED WHERE POINTS LOADS OCCUR BETWEEN JOIST PANEL POINTS.
2. JOIST STIFFENERS NOT REQUIRED FOR POINT LOADS:
   ≤ 250 LBS AT TOP CHORD
   ≤ 100 LBS AT BOTT. CHORD

3 JOIST STIFFENER DETAIL
NOT TO SCALE



NOTES:
1. LOCATE L3" x 3" x 1/4" FRAMES AROUND ALL ROOF OPENINGS, U.N.O. REFER TO MECH. CURB FRAMING DETAIL FOR EQUIP. FRAME ANGLE SIZES.
2. CONTRACTOR SHALL VERIFY LOCATION AND SIZE OF OPENINGS PRIOR TO STEEL FABRICATION.
3. FRAME IS REQUIRED FOR ALL OPENINGS 12" AND GREATER.
4. REFER TO JOIST STIFFENER DETAIL FOR JOIST STIFFENERS AS REQUIRED.

4 ROOF OPENING/EQUIP. CURB FRAMING
NOT TO SCALE

FWH Architects, Inc.
3336 Grand Blvd. Suite 102
Holiday, Florida 34690
Ph. 727. 815. 3336
Fax 727. 815. 3337

PROJECT TYPE

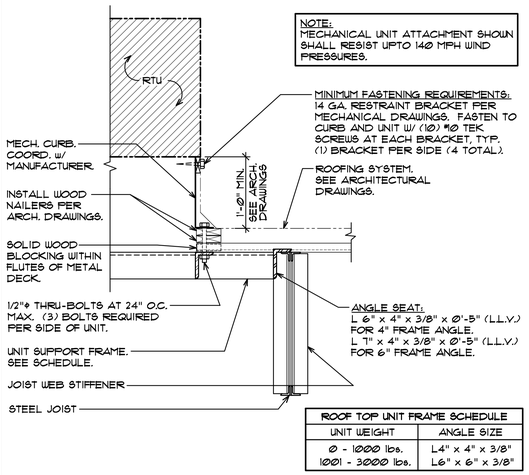
DRAWINGS/SPECIFICATIONS BY:
☐ WALGREENS' CONSULTANT
■ LANDLORD'S CONSULTANT

CONSTRUCTION WORK BY: (UNLESS NOTED OTHERWISE)
☐ WALGREENS' CONTRACTOR
■ LANDLORD'S CONTRACTOR (TURNKEY CONSTRUCTION)

STORE		BUILDING	
NEW.....	■	NEW.....	■
REMODELING...	☐	EXISTING.....	☐
RELOCATION...	☐	NEW SHELL ONLY	☐
OTHER.....	☐		

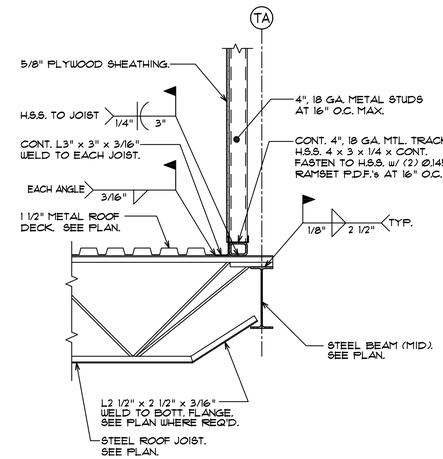
ACG PROFESSIONAL ENGINEERING, INC.
19427 Melody Fair Place · Lutz, FL · 33558
Ph: 813.924.0568 Fx: 813.926.0562
Alan C. Guenther, P.E. #53308 / C.A. #26813

NOTE:
MECHANICAL UNIT ATTACHMENT SHOWN SHALL RESIST UPTO 140 MPH WIND PRESSURES.

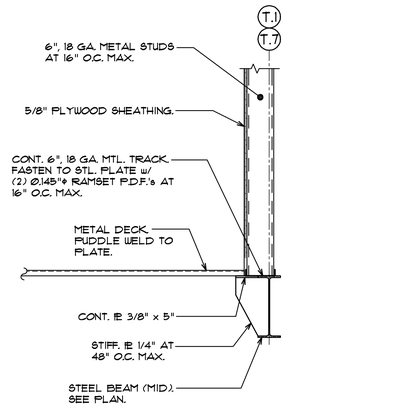


ROOF TOP UNIT FRAME SCHEDULE	
UNIT WEIGHT	ANGLE SIZE
0 - 1000 lbs.	L 4" x 4" x 3/8"
1001 - 3000 lbs.	L 6" x 6" x 3/8"

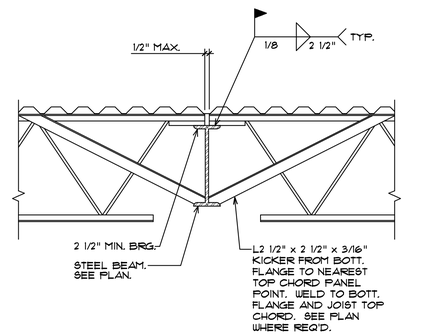
5 MECH. CURB FRAMING
SCALE: 1" = 1'-0"



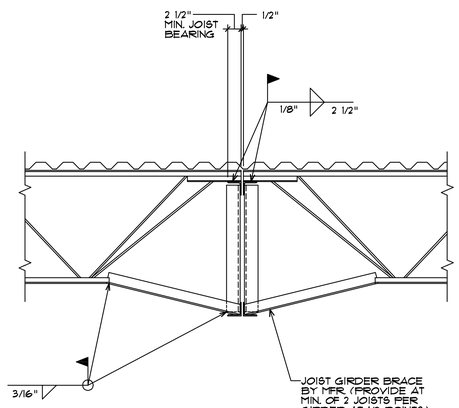
6 SECTION
SCALE: 3/4" = 1'-0"



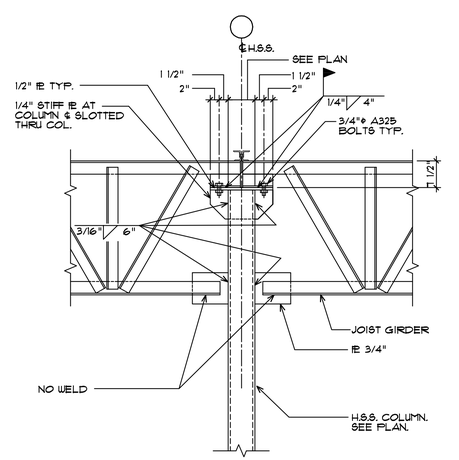
7 SECTION
SCALE: 3/4" = 1'-0"



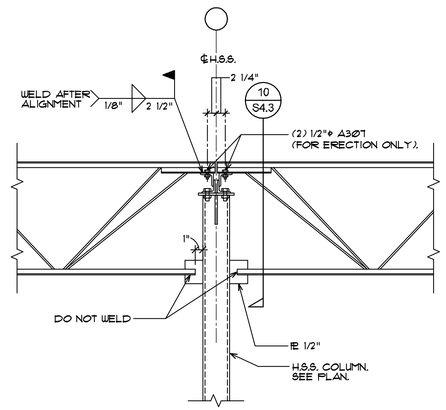
8 JOIST TO BEAM
SCALE: 3/4" = 1'-0"



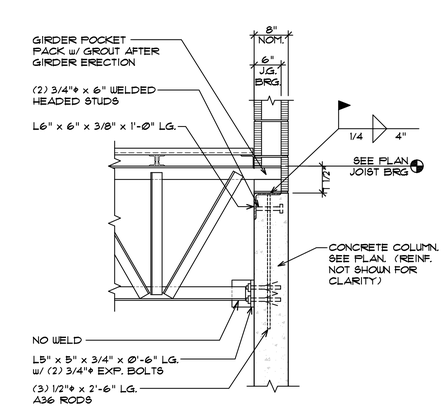
9 JOIST TO GIRDER
SCALE: 3/4" = 1'-0"



10 GIRDER TO COLUMN
SCALE: 3/4" = 1'-0"



11 JOIST TO GIRDER AT COLUMN
SCALE: 3/4" = 1'-0"



12 GIRDER TO CONC. COLUMN
SCALE: 3/4" = 1'-0"

NO.	DATE	DESCRIPTION

REVISIONS

CERTIFICATION AND SEAL

I HEREBY CERTIFY THAT THIS PLAN AND SPECIFICATION WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED ARCHITECT OR ENGINEER UNDER THE LAWS OF THE STATE OF FLORIDA AS SIGNIFIED BY MY HAND AND SEAL.

ALAN C. GUENTHER, P.E.
FL P.E. NO. 53308

PROJECT NAME
STORE #13450
SWC OF FOURAKER & NORMANDY
JACKSONVILLE, FLORIDA

DRAWING TITLE
DETAILS

DATE:	11.24.09	WALGREENS STORE NO. 13450	DRAWING NO. **S4.3**
DRAWN BY:	MAK	SCALE: AS NOTED	
REVIEWED BY:	ACG	RELEASED TO CONSTRUCTION	FWH PROJECT NO. 0913

J:\JOBS\JOBS PROJECTS\WWY\Walgreens_Jacksonville (13450)\CAD\Structural\2009_1112\S43-details.dwg Nov 30, 2009 - 12:43pm