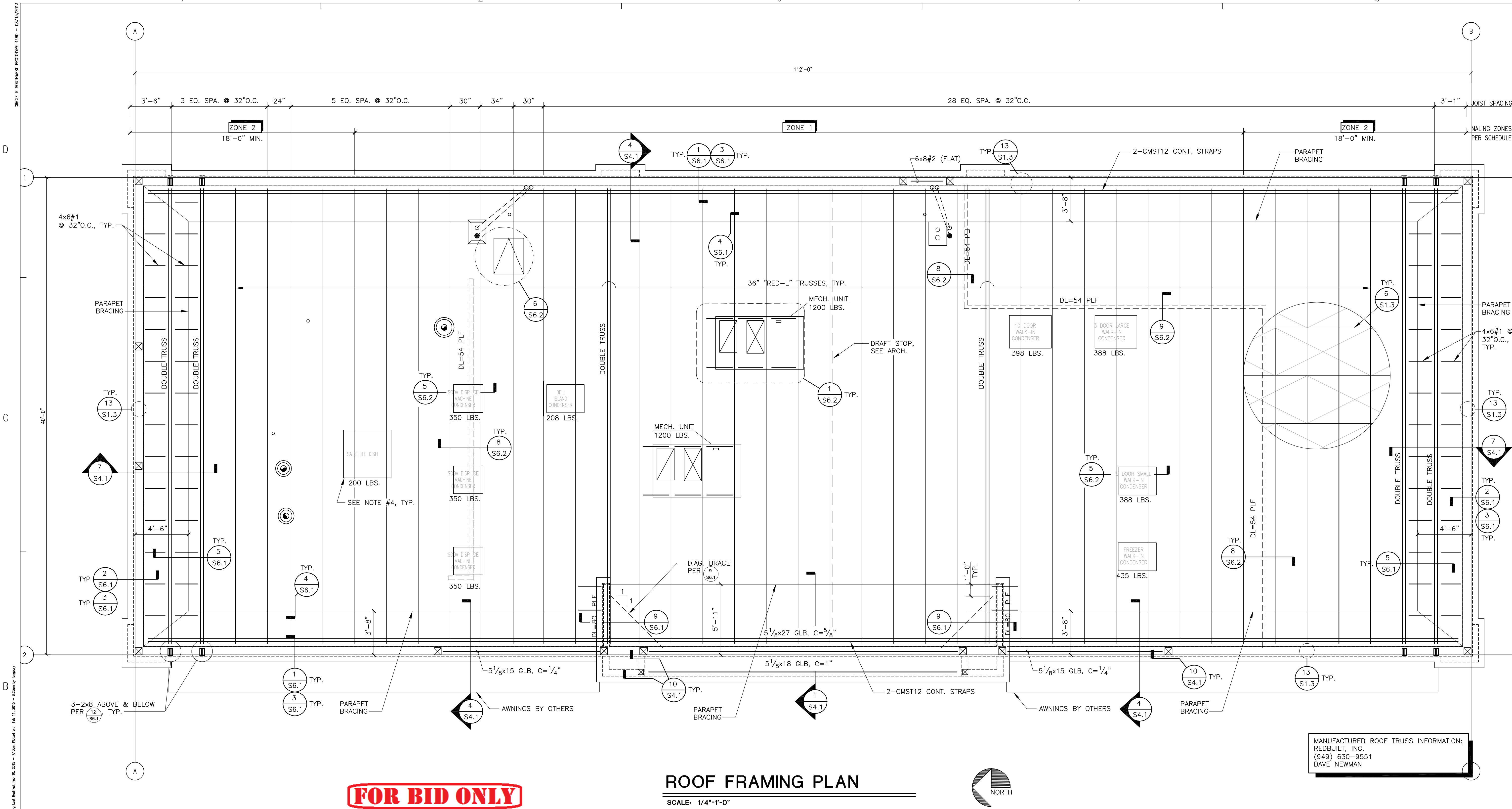


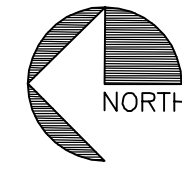
Circle K Southwest Prototype 1480 - 09/17/2013
Drawing Name: C:\Users\jbarry\OneDrive\Documents\1480\1480.dwg
Drawing Date: 09/17/2013
Drawing Title: ROOF FRAMING PLAN
Drawing Scale: 1/4"=1'-0"
Drawing Author: J. Barry
Drawing Checker: J. Barry
Drawing Engineer: J. Barry
Drawing Designer: J. Barry
Drawing Drafter: J. Barry
Drawing Plotter: J. Barry
Drawing Plot Date: 09/17/2013
Drawing Plot Scale: 1/4"=1'-0"
Drawing Plot Size: 11x17
Drawing Plot Orientation: Landscape
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FOR BID ONLY

ROOF FRAMING PLAN

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



ROOF FRAMING NOTES

- SEE STANDARD NOTES & DETAILS BEFORE BEGINNING CONSTRUCTION.
- ROOF JOIST MANUFACTURER SHALL SUBMIT AN ENGINEERED JOIST DESIGN TO THE ARCHITECT FOR REVIEW AND TO THE GOVERNING AUTHORITY FOR APPROVAL PRIOR TO FABRICATION. THE ENGINEERED JOIST DESIGN SHALL INCLUDE ANY NECESSARY CALCULATIONS AND SHOP DRAWINGS SIGNED BY A REGISTERED ENGINEER, DETAILING LOADING REQUIREMENTS, MARKS, AND METHODS OF PREVENTING BUCKLING FOR ALL JOISTS INDICATED ON THE PLANS. DRAWINGS MUST BE APPROVED WITHIN THIRTY DAYS OF PERMIT ISSUANCE. NO INSPECTIONS WILL BE PERFORMED IF DRAWINGS ARE NOT APPROVED WITHIN THIRTY DAYS. APPROVED JOIST DRAWINGS MUST BE ON THE JOB SITE FOR INSPECTION PURPOSES.
- DESIGN CRITERIA SHALL BE AS FOLLOWS:
LOADING:
a. SEE STANDARD DETAILS 7/S6.1 AND 8/S6.1 FOR DESIGN LOADS
b. MECHANICAL EQUIPMENT: VERIFY W/ MECHANICAL SUPPLIER
c. SPECIAL LOADING: VERIFY W/ ARCHITECT
- MECHANICAL EQUIPMENT SUPPORTED BY MANUFACTURED TRUSSES SHALL BE LOCATED AS SHOWN ON THE PLANS. NUMBER OF UNITS AND SIZE OF MECHANICAL OPENINGS & THEIR WEIGHT SHALL BE COORDINATED WITH AND CONFIRMED BY THE MECHANICAL SUPPLIER. ANY VARIATIONS OR CONFLICTS SHALL BE COORDINATED WITH THE ENGINEERED TRUSS DESIGN.
- NO PLUMBING LINES SHALL BE HUNG FROM THE PLYWOOD DECKING.
- ALL CAMBERS ARE MEASURED FROM A STRAIGHT LINE DRAWN THRU SUPPORTS. ALL CAMBERS ARE CROWN UP.
- VERIFY ALL ELEVATIONS WITH THE ARCHITECTURAL PLANS.
- VERIFY ALL FRAMING INFO. AND DIMENSIONS WITH THE CITY APPROVED SET OF CONSTRUCTION DOCUMENTS BEFORE CONSTRUCTION OR FABRICATION BEGINS.
- ANY UNCLEAR OR CONFLICTING INFO. ON ANY STRUCTURAL SHEET SHALL BE BROUGHT TO THE ENGINEERS ATTENTION BEFORE CONSTRUCTION BEGINS.
- SEE STANDARD WOOD NOTES & DETAILS 4/S1.3 FOR TYPICAL WOOD FRAMING INFO, U.N.O.
- THE TRUSSES SPECIFIED ON THESE PLANS ARE MANUFACTURED PRODUCTS. A COMPARABLE PRODUCT MAYBE SUBSTITUTED AT THE OWNERS REQUEST.
- SEE STANDARD CRICKET BRACE DETAIL FOR CRICKET FRAMING INFO., TYP. U.N.O.
- SEE HANGER SCHEDULE IN STANDARD DETAIL 7/S1.3 FOR TYP. HANGER INFO.
- SEE ARCH'L. AND /OR MECH'L. DRAWINGS FOR EXACT SIZE AND LOCATION OF ROOF DRAIN DETAILS AND ROOF HATCH DETAIL. SEE STANDARD NOTES AND DETAILS FOR TYPICAL FRAMING AROUND OPENINGS. CONTRACTOR SHALL LAYOUT ROOF STRAPPING TO AVOID BEING INTERRUPTED BY ROOF OPENING, ETC.
- THE USE OF FOIL INSULATION OR OTHER INSULATION IMMEDIATELY BELOW THE ROOF IS NOT RECOMMENDED. IF SUCH INSULATION IS INSTALLED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING FROM THE ARCHITECT AND / OR MECHANICAL ENGINEER PROPER VENTING OR OTHER MEASURES TO ELIMINATE MOISTURE CONDENSATION ON THE ROOF STRUCTURE.
- PRIOR TO ANY RE-ROOFING OPERATION, CONTACT A LICENSED ENGINEER TO REVIEW LOADING.
- ALL GLULAM BEAMS SHOULD BE GIVEN A "STANDARD" CAMBER, U.N.O.
- ALL EXTERIOR POPOUT & BOXED OUT FRAMING IS TO BE SHEATHED WITH TYPE 1 SHEARWALL FRAMING AS DESCRIBED IN THE SHEARWALL SCHEDULE, TYPICAL AT ALL EXT. POPOUTS, ROOF TOP WALLS & BOX OUTS.
- WHERE A DOUBLE TRUSS IS CALLED FOR ON THE ROOF FRAMING PLAN ITS SIZE IS AS INDICATED OR IT IS THE LARGER OF ALL ADJACENT SINGLE TRUSSES, WHICH EVER IS LARGEST, TYP. (ie: IF THERE IS A 28" TRUSS ON ONE SIDE OF THE DOUBLE TRUSS & A 20" TRUSS ON THE OTHER SIDE USE A DOUBLE 28" TRUSS)
- SUBMIT CERTIFICATE OF GLUE-LAM BEAMS TO THE GOVERNING BUILDING DEPARTMENT FOR VERIFICATION AND RECORD.

ROOF DIAPHRAGM NAILING SCHEDULE

ZONE	PLYWOOD NOMINAL THICKNESS (1)	LINES OF FASTENERS (AT EA. SIDE OF PLYWOOD JOINT)	BOUNDARY & CONTINUOUS EDGES NAIL SPACING	ALL OTHER EDGES NAIL SPACING	INTERMEDIATE (FIELD) SUPPORT NAIL SPACING	BLOCKING (3)	ALLOWABLE SHEAR LB./FT. (6)	
							SEISMIC	WIND
1	3/4"	1	10d @ 6"	10d @ 6"	10d @ 12"	NONE	262	368
2	3/4"	1	10d @ 4"	10d @ 6"	10d @ 12"	2x4 FLAT	391	547

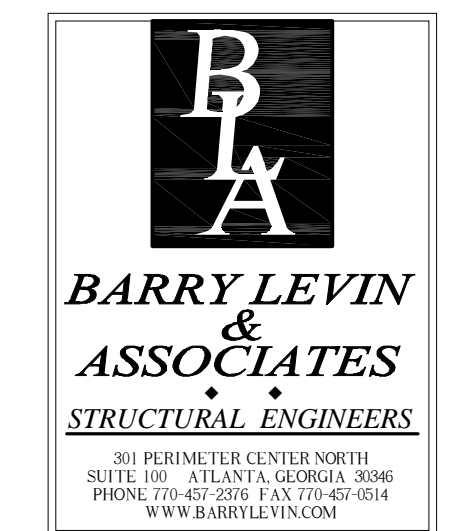
- PLYWOOD GRADE SHALL BE STRUCTURAL I APA RATED SHEATHING, SPAN RATING 48/24, EXTERIOR GLUE WITH TONGUE AND GROOVE EDGES.
- NAILS SHALL BE 10d COMMON NAILS OR 0.148"Ø GALVANIZED SCREW SHANK (GLUE COATED) WITH BENDING YIELD STRENGTH $F_y=90,000$ PSI MIN., AND SHALL PENETRATE INTO FRAMING $1\frac{1}{2}"$ TYP., MINIMUM EDGE DISTANCE $\frac{3}{8}"$.
- WHERE CALLED FOR - FLAT BLOCKING SHALL BE INSTALLED TO PROVIDE SUPPORT AT ALL PANEL EDGES NOT SUPPORTED BY A ROOF JOIST OR OTHER FRAMING MEMBER.
- THE LISTED ZONE WIDTHS (REFERENCED ON ROOF FRAMING PLAN) MUST BE ADJUSTED TO ACCOMMODATE LANDING ON A SUPPORT LOCATION WITH ALL EDGES FULLY SUPPORTED.
- SEE ROOF DIAPHRAGM STANDARD DETAIL 6/S1.3 FOR ADDITIONAL INFORMATION.
- ALLOWABLE SHEAR IS PER IBC TABLE 2306.2.1. VALUES LISTED ARE FOR SPRUCE PINE FIR (S.P.F.).

GreenbergFarrow

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ISSUE/REVISION RECORD
DATE DESCRIPTION
02/13/15 PERMIT SET



PROFESSIONAL SEAL



PROFESSIONAL IN CHARGE
BARRY LEVIN
PROJECT MANAGER
R. NEW
QUALITY CONTROL
R. NEW
DRAWN BY
J. MITCHELL

PROJECT NAME

CIRCLE K
STORES, INC.

ALBUQUERQUE
NEW MEXICO

4400 COORS BLVD. SW
ALBUQUERQUE, NM 87121



CIRCLE K STORES INC.

PROJECT NUMBER
2014-067

SHEET TITLE
ROOF FRAMING
PLAN

SHEET NUMBER

S3.1-CS