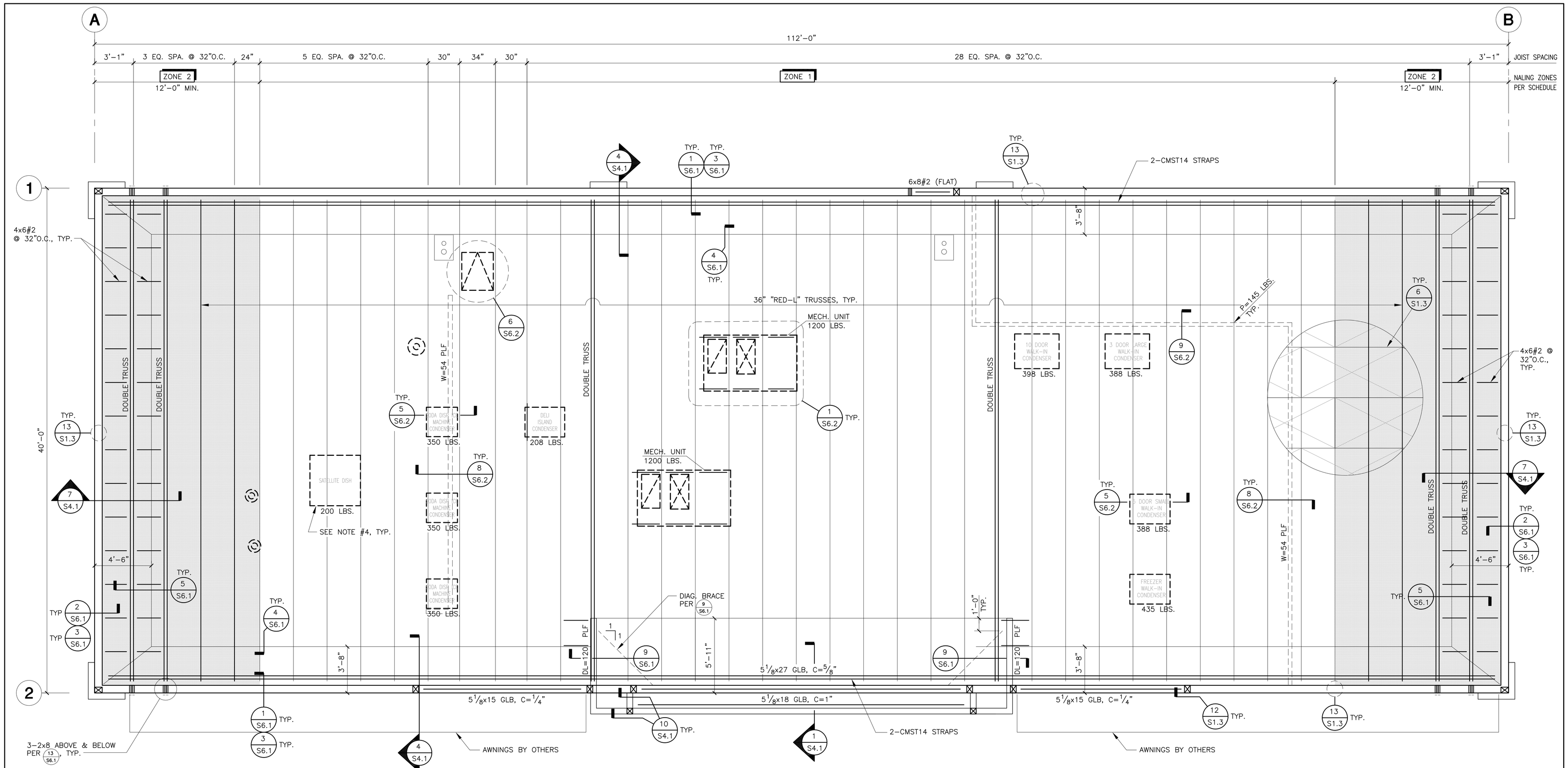

MANUFACTURED ROOF TRUSS INFORMATION:
REDBUILT, INC.
(949) 630-9551
DAVE NUMAN

ROOF FRAMING PLAN

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

NORTH

ROOF FRAMING NOTES

1. SEE STANDARD NOTES & DETAILS BEFORE BEGINNING CONSTRUCTION.
2. ROOF JOIST MANUFACTURER SHALL SUBMIT AN ENGINEERED JOIST DESIGN TO THE ARCHITECT FOR REVIEW AND TO THE CONVENING 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. UNO INSPECTIONS WILL BE PERFORMED IF DRAWINGS ARE NOT APPROVED WITHIN THIRTY DAYS. APPROVED JOIST DRAWINGS MUST BE ON THE JOB SITE FOR INSPECTION PURPOSES.
3. DESIGN CRITERIA SHALL BE AS FOLLOWS:
   LOADING:
   a. SEE STANDARD DETAIL 8/S6.1 FOR DESIGN LOADS
   b. MECHANICAL EQUIPMENT: VERIFY W/ MECHANICAL SUPPLIER
   c. SPECIAL LOADING: VERIFY W/ ARCHITECT
4. 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.
5. NO PLUMBING LINES SHALL BE HUNG FROM THE PLYWOOD DECKING.
6. ALL CAMBERS ARE MEASURED FROM A STRAIGHT LINE DRAWN THRU SUPPORTS. ALL CAMBERS ARE CROWN UP.
7. VERIFY ALL ELEVATIONS WITH THE ARCHITECTURAL PLANS.
8. VERIFY ALL FRAMING INFO. AND DIMENSIONS WITH THE CITY APPROVED SET OF CONSTRUCTION DOCUMENTS BEFORE CONSTRUCTION OR FABRICATION BEGINS.
9. ANY UNCLEAR OR CONFLICTING INFO. ON ANY STRUCTURAL SHEET SHALL BE BROUGHT TO THE ENGINEERS ATTENTION BEFORE CONSTRUCTION BEGINS.
10. SEE STANDARD WOOD NOTES & DETAILS 4/S1.3 FOR TYPICAL WOOD FRAMING INFO, U.N.O.
11. THE TRUSSES SPECIFIED ON THESE PLANS ARE MANUFACTURED PRODUCTS A COMPARABLE PRODUCT MAYBE SUBSTITUTED AT THE OWNERS REQUEST.
12. SEE STANDARD CRICKET BRACE DETAIL FOR CRICKET FRAMING INFO., TYP. U.N.O.
13. SEE HANGER SCHEDULE IN STANDARD DETAIL 7/S1.3 FOR TYP. HANGER INFO.
14. 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.
16. 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.
17. PRIOR TO ANY RE-ROOFING OPERATION, CONTACT A LICENSED ENGINEER TO REVIEW LOADING.
18. ALL GLULAM BEAMS SHOULD BE GIVEN A "STANDARD" CAMBER, U.N.O.
19. ALL EXTERIOR POPOUT & BOXED OUT FRAMING IS TO BE SHEATHED WITH TYPE 1 SHEARWALL FRAMING AS DESCRIBED IN THE SHEARWALL SCHEDULE, TYPICAL @ ALL EXT. POPOUTS, ROOF TOP WALLS & BOX OUTS.
20. 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)
21. 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	ALL OTHER EDGES	INTERMEDIATE (FIELD) SUPPORT	BLOCKING (3)	ALLOWABLE SHEAR LB/FT. (6)	
			NAIL SPACING	NAIL SPACING	NAIL SPACING		SEISMIC	WIND
1	3/4"	1	10d @ 6"	10d @ 6"	10d @ 12"	NONE	285	400
2	3/4"	1	10d @ 4"	10d @ 6"	10d @ 12"	2x4 FLAT	425	595

1. PLYWOOD GRADE SHALL BE STRUCTURAL I APA RATED SHEATHING, SPAN RATING 48/24, EXTERIOR GLUE WITH TONGUE AND GROOVE EDGES.
2. NAILS SHALL BE 10d COMMON NAILS OR 0.148"ø GALVANIZED SCREW SHANK (GLUE COATED) WITH BENDING YIELD STRENGTH F_{YB}=90,000 PSI MIN., AND SHALL PENETRATE INTO FRAMING 1 1/2" TYP., MINIMUM EDGE DISTANCE 3/8".
3. 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.
4. THE LISTED ZONE WIDTHS (REFERENCED ON ROOF FRAMING PLAN) MUST BE ADJUSTED TO ACCOMODATE LANDING ON A SUPPORT LOCATION WITH ALL EDGES FULLY SUPPORTED.
5. SEE ROOF DIAPHRAGM STANDARD DETAIL 6/S1.3 FOR ADDITIONAL INFORMATION.
6. ALLOWABLE SHEAR IS PER 2008 AWC SDPWS TABLE 4.2A & 4.2C.

GreenbergFarrow
19000 MacArthur Blvd., Suite 250
Irvine, CA 92612
t: 949 296 0450 f: 949 296 0437

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ISSUE/REVISION RECORD

DATE	DESCRIPTION
2/28/2014	PERMIT/BID SET

KSP CONSULTING ENGINEERS
25241 Commercentre Dr.
Suite 100
Lake Forest, CA 92630
T: 949.380.3977
F: 949.380.3977
e-mail: info@kspeng.com

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PROFESSIONAL SEAL

PROFESSIONAL IN CHARGE
KS
PROJECT MANAGER
LL
QUALITY CONTROL
MK
DRAWN BY
DC

PROJECT NAME

CIRCLE K STORES, INC.

PFLUGERVILLE
TEXAS

SEC WEST PECAN ST. & SARAH'S CREEK DR.
PFLUGERVILLE, TX

CIRCLE K STORES INC.

PROJECT NUMBER
KSP – 140301

SHEET TITLE
ROOF FRAMING PLAN

SHEET NUMBER
S3.1

February 28,2014 – 11:07 am ; User: nh ; K:\Greenberg Farrow\Circle K\Circle K – Pflugerville, TX\140301_S3.1.dwg