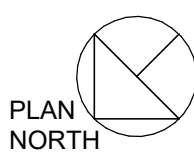


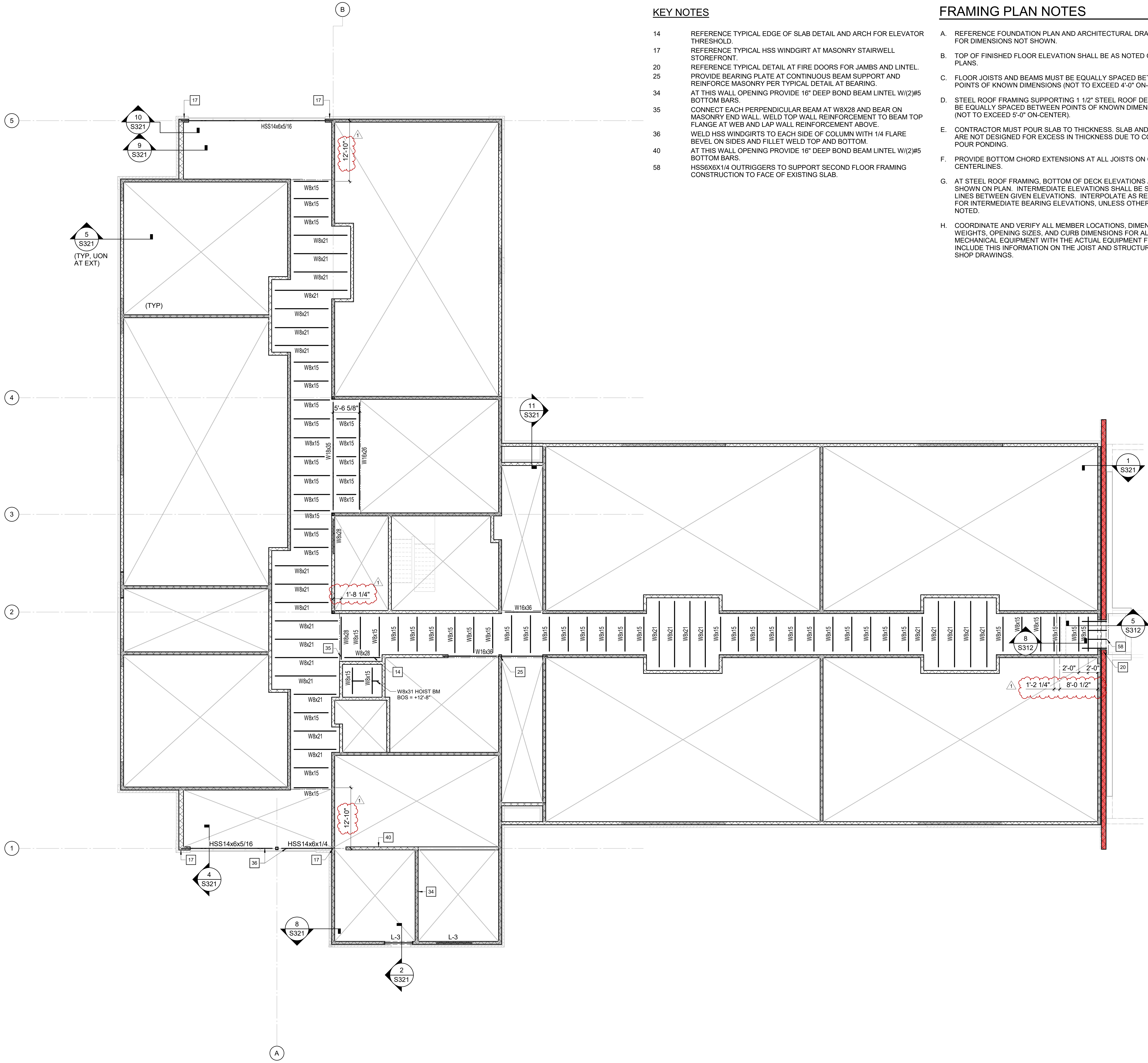
2/26/2024 3:45:58 PM



1

EQUIPMENT PLATFORM FRAMING PLAN

1/8" = 1'-0"



KEY NOTES

- 14 REFERENCE TYPICAL EDGE OF SLAB DETAIL AND ARCH FOR ELEVATOR THRESHOLD.
- 17 REFERENCE TYPICAL HSS WINDGIRT AT MASONRY STAIRWELL STOREFRONT.
- 20 REFERENCE TYPICAL DETAIL AT FIRE DOORS FOR JAMBS AND LINTEL. PROVIDE BEARING PLATE AT CONTINUOUS BEAM SUPPORT AND REINFORCE MASONRY PER TYPICAL DETAIL AT BEARING.
- 25 AT THIS WALL OPENING PROVIDE 16" DEEP BOND BEAM LINTEL W/(2)#5 BOTTOM BARS.
- 34 CONNECT EACH PERPENDICULAR BEAM AT W8x28 AND BEAR ON MASONRY END WALL. WELD TOP WALL REINFORCEMENT TO BEAM TOP FLANGE AT WEB AND LAP WALL REINFORCEMENT ABOVE.
- 35 WELD HSS WINDGIRTS TO EACH SIDE OF COLUMN WITH 1/4 FLARE BEVEL ON SIDES AND FILLET WELD TOP AND BOTTOM.
- 40 AT THIS WALL OPENING PROVIDE 16" DEEP BOND BEAM LINTEL W/(2)#5 BOTTOM BARS.
- 58 HSS6X6X1/4 OUTRIGGERS TO SUPPORT SECOND FLOOR FRAMING CONSTRUCTION TO FACE OF EXISTING SLAB.

FRAMING PLAN NOTES

- A. REFERENCE FOUNDATION PLAN AND ARCHITECTURAL DRAWINGS FOR DIMENSIONS NOT SHOWN.
- B. TOP OF FINISHED FLOOR ELEVATION SHALL BE AS NOTED ON SLAB PLANS.
- C. FLOOR JOISTS AND BEAMS MUST BE EQUALLY SPACED BETWEEN POINTS OF KNOWN DIMENSIONS (NOT TO EXCEED 4'-0" ON-CENTER).
- D. STEEL ROOF FRAMING SUPPORTING 1 1/2" STEEL ROOF DECK MUST BE EQUALLY SPACED BETWEEN POINTS OF KNOWN DIMENSIONS (NOT TO EXCEED 5'-0" ON-CENTER).
- E. CONTRACTOR MUST POUR SLAB TO THICKNESS. SLAB AND JOISTS ARE NOT DESIGNED FOR EXCESS IN THICKNESS DUE TO CONCRETE POUR PONDING.
- F. PROVIDE BOTTOM CHORD EXTENSIONS AT ALL JOISTS ON COLUMN CENTERLINES.
- G. AT STEEL ROOF FRAMING, BOTTOM OF DECK ELEVATIONS ARE SHOWN ON PLAN. INTERMEDIATE ELEVATIONS SHALL BE STRAIGHT LINES BETWEEN GIVEN ELEVATIONS. INTERPOLATE AS REQUIRED FOR INTERMEDIATE BEARING ELEVATIONS, UNLESS OTHERWISE NOTED.
- H. COORDINATE AND VERIFY ALL MEMBER LOCATIONS, DIMENSIONS, WEIGHTS, OPENING SIZES, AND CURB DIMENSIONS FOR ALL MECHANICAL EQUIPMENT WITH THE ACTUAL EQUIPMENT FURNISHED. INCLUDE THIS INFORMATION ON THE JOIST AND STRUCTURAL STEEL SHOP DRAWINGS.

boomerang
DESIGN

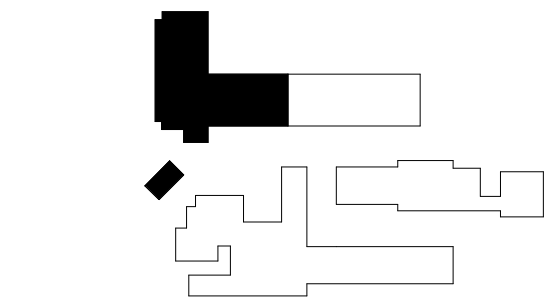
rethink, repurpose, results

SHELBY
2015 S. Washington St., Suite 200
Durham, NC 27601
704/966-6000

CHARLOTTE
1230 W. Morehead St., Suite 214
Charlotte, NC 28208
704/731-7050

RALEIGH
6131 Falls of Neuse Rd., Suite 204
Raleigh, NC 27609
919/975-6400

LEWINGTON
1070 S. Lake Dr., Suite J
Lewington, NC 28753
803/754-0507



COOPER ACADEMY
A & R
PROJECT TITLE



02/26/2024



Structural Engineers
301 N West St., Suite 105
Raleigh, NC 27603
919.782.1833 - lynchmykins.com
LM Project Number: LK21.298
Corporation No. C-4360

1. THIS DRAWING IS THE PROPERTY AND ©BOOMERANG DESIGN P.A. AND IS NOT TO BE REPRODUCED OR COPIED IN WHOLE OR IN PART. IT IS NOT TO BE USED ON ANY OTHER PROJECT AND IS TO BE RETURNED ON REQUEST.
2. MATERIALS, DIMENSIONS AND ALL OTHER CONDITIONS WHICH ARE NOT OTHERWISE SPECIFIED ON THIS DRAWING SHALL BE CONTROLLED AS HAVING THE SAME MEANING AS SIMILARLY INDICATED CONDITIONS WHICH ARE MORE FULLY DEFINED ELSEWHERE ON THIS PROJECT OR OTHER DRAWINGS OF THIS PROJECT.
3. DO NOT SCALE OFF DIMENSIONS.

REVISIONS		
NO.	DATE	DESCRIPTION
1	2/26/2024	ADDENDUM 2

CD
PERMIT SET
2307
BOOMERANG DESIGN PROJECT NUMBER
02.26.2024
DRAWING RELEASE DATE

EQUIPMENT
PLATFORM FRAMING
PLAN
SHEET TITLE

S121

SHEET