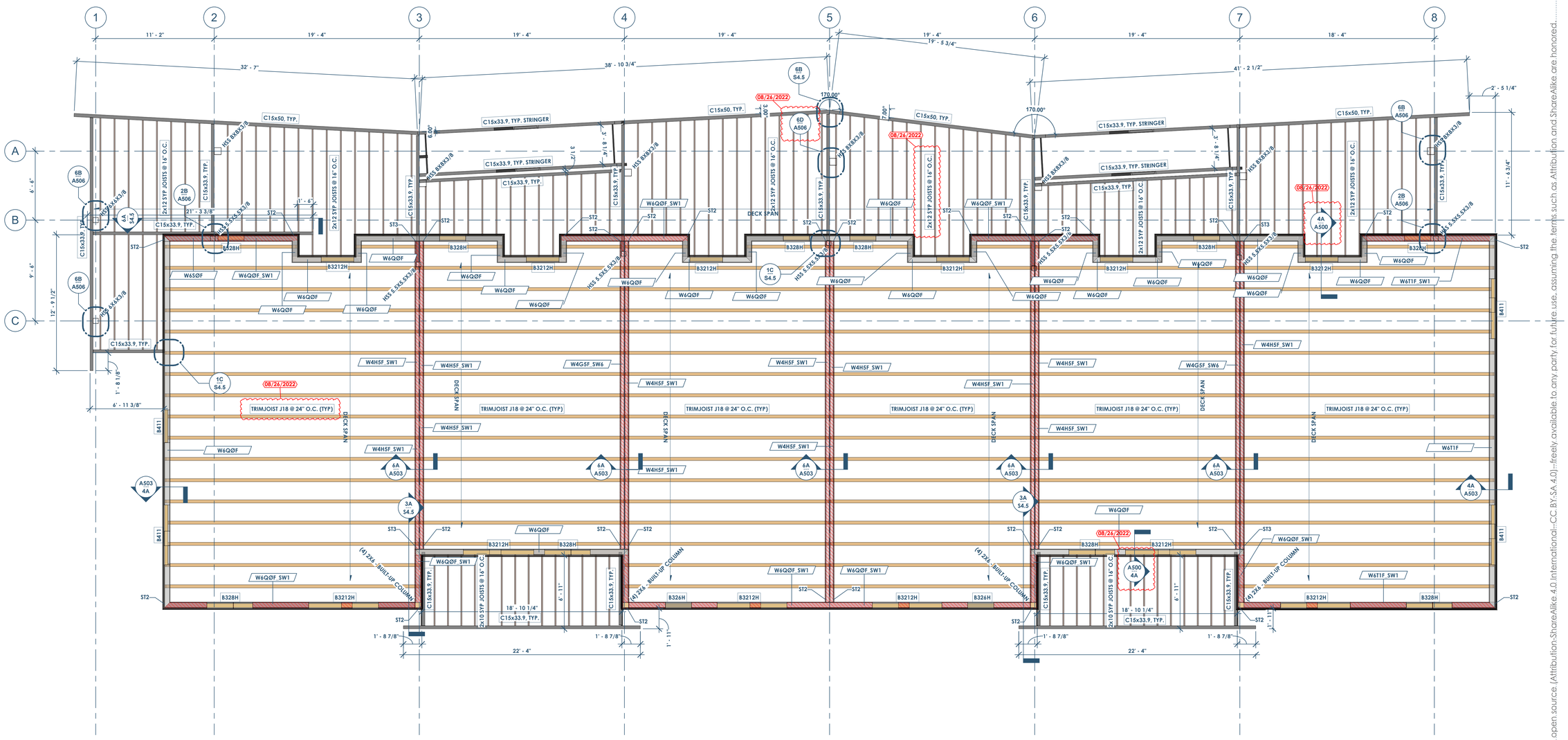
FOR CONSTRUCTION



6B S0.2 FRAMING PLAN - 2ND FLOOR
1/4" = 1'-0"

SHEAR WALL SCHEDULE					
SHEAR WALL TYPE	SHEATHING TYPE	PANEL EDGE NAILING	FIELD NAILING	ANCHORAGE	ALLOWABLE WIND SHEAR CAPACITY
SW1	7/16" WSP	6"	12"	(5/8" Ø @ 40" O.C. - AT CONCRETE) - (0.131" X 3" LONG NAILS @ 3" OC - AT WOOD)	335 PLF
SW2	7/16" WSP	4"	12"	(5/8" Ø @ 32" O.C. - AT CONCRETE) - (0.131" X 3" LONG NAILS @ 3" OC - AT WOOD)	490 PLF
SW3	7/16" WSP	3"	12"	(5/8" Ø @24" O.C. - AT CONCRETE) - (0.131" X 3" LONG NAILS @ 2" OC - AT WOOD)	630 PLF
SW4	15/32" WSP	3"	12"	(5/8" Ø @24" O.C. - AT CONCRETE) - (0.148" X 3" LONG NAILS @ 2" OC - AT WOOD)	840 PLF
SW5	15/32" WSP	2"	12"	(5/8" Ø @24" O.C. - AT CONCRETE) - (0.148" X 3" LONG NAILS @ 2" OC - AT WOOD)	991 PLF
SW6	5/8" GYP WALLBOARD	7"	12"	(5/8" Ø @ 48" O.C. - AT CONCRETE) - (0.131" X 3" LONG NAILS @ 12" OC - AT WOOD)	115 PLF
SW7	5/8" GYP WALLBOARD	4"	12"	(5/8" Ø @ 48" O.C. - AT CONCRETE) - (0.131" X 3" LONG NAILS @ 12" OC - AT WOOD)	145 PLF

SHEAR WALL NOTES:
1. ALL FASTENERS FOR WOOD STRUCTURAL PANEL SHALL BE FLAT HEAD NAILS CONSISTING OF THE FOLLOWING UNO:
   A. 0.131"Ø X 2½" LONG
   B. 0.148"Ø X 3" LONG
2. FASTENERS FOR GYPSUM WALLBOARD SHALL BE ONE OF THE FOLLOWING:
   A. 6d COOLER NAILS (0.092" X 1 7/8" LONG, 1/4" HEAD)
   B. WALLBOARD NAIL (0.0915" x 1 7/8" LONG, 19/64" HEAD)
   C. 0.120" NAIL x 1-3/4" LONG, MIN 3/8" HEAD
   D. NO.6 TYPE S OR W DRYWALL SCREWS 1-1/4" LONG
3. ANCHORS INTO CONCRETE SHALL EITHER BE CAST-IN-PLACE J-BOLTS OR ADHESIVE ANCHORS WITH A MINIMUM EMBEDMENT OF 8". THE CONTRACTOR SHALL SUBMIT PROPOSED ADHESIVE ANCHOR ASSEMBLY FOR APPROVAL.
4. ALL PANEL EDGES SHALL BE BLOCKED.
5. WSP = WOOD STRUCTURAL PANEL. REF GENERAL NOTES FOR SPECIFICATIONS.
6. IF WALL IS SHEATHED ON BOTH SIDES, THEN SILL PLATE ANCHORAGE AND CONNECTION OF BOTTOM PLATE TO TOP PLATE SHALL BE DOUBLED.
7. PANELS MUST BE INSTALLED DIRECTLY TO FRAMING.
8. VALUES CALCULATED ARE FOR SOUTHERN PINE OR DOUGLAS-FIR LARCH FRAMING. CONTACT EOR IF OTHER SPECIES ARE USED.
9. PROVIDE 1/8" WIDE JOINTS IN SHEATHING TO ALLOW FOR SHRINKAGE AND EXPANSION OF THE PANELS.
10. SHEAR WALLS REFERENCED ARE FOR SHEAR WALLS BELOW FLOOR

WALL STUD SCHEDULE				
TOP OF WALL	MAX PLATE HT	EXTERIOR WALL	INTERIOR NON-LOAD BEARING	PARTY WALL
ROOF	8' - 11 5/8"	2X6 NO.2 @ 16" O.C.	2X4 STUD @ 16" O.C.	2X4 STUD @ 16" O.C.
3RD	10' - 8"	2X6 NO.2 @ 16" O.C.	2X4 STUD @ 16" O.C.	2X4 STUD @ 12" O.C.
2ND	10' - 9 5/8"	2X6 NO.2 @ 16" O.C.	2X4 STUD @ 16" O.C.	2X4 STUD @ 8" O.C.

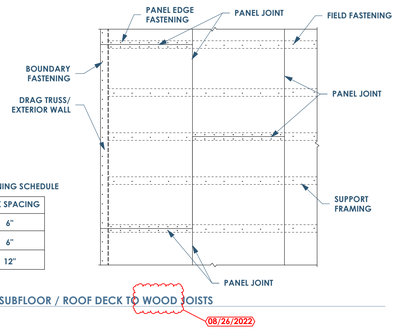
SHEARWALL HOLDDOWNS AT ELEVATED FLOOR					
TYPE MARK	HOLDDOWN HARDWARE	END LENGTH (IN)	FASTENERS	END POST	ALLOWABLE TENSION LOAD (LBF)
ST1	(1) SIMPSON CS18	12"	(11) 0.131 x 2 1/2" NAILS	(2) - 2X	1,370
ST2	(2) SIMPSON CS18	12"	(11) 0.131 X 2 1/2" NAILS	(2) - 2X	2740
ST3	(2) SIMPSON CS14	19"	(18) 0.131 X 2 1/2" NAILS	(3) - 2X	4980

SHEARWALL & HOLDOWN NOTES:
- MULITPLE PLIES OF END POSTS SHALL BE FASTENED TOGETHER PER THE MECHANICALLY BUILT-UP COLUMN NAILED DETAIL.
- REFERENCE DETAIL 6A/S4.2 FOR TYPICAL HOLDOWN CONFIGURATIONS.
- HOLDOWNS REFERENCED ARE FOR SHEAR WALLS ABOVE FLOOR

BEAM SCHEDULE				
BEAM TAG	BEAM SIZE	STUD PACK - NUMBER OF STUDS	FACE-MOUNT HANGER	TOP-FLANGE HANGER
B326H	(3)2X6	2	LUS26-2	HU26-2TF
B328H	(3)-2X8	2	LUS26-3	HUS48TF
B3212H	(3)-2X12	3	HU210-3	HU212-3TF
B411	GL - 3 1/2" X 11 1/4"	3	HHUS410	HB3.56/11.25

BEAM LEGEND NOTES:
1. 'H' INDICATES MULTIPLE PLY DIMENSIONAL LUMBER BEAMS W/ 1/2" PLYWOOD SHEATHING. SEE 2A/S4.0
2. FOR KING AND JACK STUD REQUIREMENTS FOR EXTERIOR HEADERS REFER TO DETAIL 4C/S4.1
3. FOR KING AND JACK STUD REQUIREMENTS IN INTERIOR HEADERS REFER TO DETAIL 5B/S4.1
4. GL - GLULAM BEAMS SHALL BE ANTHONY POWER BEAM GLUE LAMINATED BEAMS OR APPROVED EQUAL.
5. STUD PACKS ARE REQUIRED WHEN BEAM IS BEARING ON A WALL ASSEMBLY. STUD PACKS MUST CONTINUE ALL THE WAY TO THE FOUNDATION UNLESS TRANSFERRED BY A BEAM.
6. ALL STUDS IN STUD PACK SHALL BE NO.2 SOUTHER PINE OR BETTER.
7. SHEATHING AND/OR DRYWALL MUST BE AITACHED TO EACH INDIVIDUAL STUD IN THE STUD PACK.
8. ALL STUDS IN STUD PACK MUST BE FASTENED PER MECHANICALLY LAMINATED BUILT-UP COLUMN-NAILED - REFER TO 6A/S4.1

SUBFLOOR NOTES:
1. THE SUBFLOOR SHALL BE MIN 3/4" APA RATED TONGUE AND GROOVE OSB STRUCTURAL SHEATHING WITH A FLOOR SPAN RATING OF 24.
2. FASTEN TO FRAMING SHALL CONSIST OF #8x2" LONG WOOD SCREWS. ALTERNATIVELY, 0.131x2" NAILS MAY BE USED IF SCREWS ARE ADDED @ 12" O.C. MAX ADDITIONALLY.
3. THE SUBFLOOR SHALL BE GLUED TO THE SUPPORTING FRAMING WITH POLYURETHANE OR SOLVENT-BASED SUBFLOOR ADHESIVES CONFORMING TO APA-AFG-01 OR ASTM D 3498.
   A. APPLY A 1/4" BEAD OF ADHESIVE TO THE TOP OF SUPPORTING MEMBERS. APPLY TWO BEADS WHERE PANELS JOINTS MEET.
   B. APPLY ONLY ENOUGH ADHESIVE TO LAY ONE OR TWO PANELS AT A TIME TO KEEP THE ADHESIVE FROM CURING OR SKINNING.
   C. FLOOR PLANELS SHALL BE FULLY FASTENED WITHIN 10 MINUTES OF APPLYING ADHESIVE.
   D. EXCESS ADHESIVE SHALL BE REMOVED IMMEDIATELY.
4. PANELS SHALL SPAN ACROSS 3 OR MORE SUPPORTING MEMBERS WITH THE LONG DIMENSION PERPENDICULAR TO THE FLOOR FRAMING. STAGGER END JOINT OF PANEL A MINIMUM OF 2"



FLOOR DIAPHRAGM FASTENING SCHEDULE

LOCATION	MAX SPACING
BOUNDARY	6"
PANEL EDGE / BOUNDARY	6"
FIELD	12"

... TYPICAL WOOD SUBFLOOR / ROOF DECK TO WOOD JOISTS

FLOOR PLAN NOTES:

TRIMMABLE METAL PLATE CONNECTED FLOOR TRUSS FRAMING: 08/26/2022

1. TRIMMABLE METAL PLATE CONNECTED FLOOR TRUSS SHALL BE 18" DEEP AND SPACED AT 24" OC MAX UNLESS NOTED OTHERWISE. TRUSSES SHALL BE TRIMJOIST J18 TRIMMABLE JOIST OR APPROVED EQUIVALENT. LOADING CRITERIA SHALL BE AS:
   - TOP CHORD LIVE LOAD (TCLL): 40 PSF
   - TOP CHORD DEAD LOAD (TCDL): 10 PSF
   - BOTTOM CHORD LIVE LOAD (BCLL): 10 PSF (NON-CONCURRENT WITH TCLL)
   - BOTTOM CHORD DEAD LOAD (BCDL): 5 PSF
   - NON-LOAD BEARING WALL ABOVE: 100 PLF DL
   - LOAD-BEARING WALL ABOVE: SEE PLAN
2. TRUSS DEFLECTION LIMITS: TRUSSES SHALL BE LIMITED TO THE FOLLOWING DEFLECTION LIMITS:
   - RATIO : LIVE LOAD (L/360) TOTAL LOAD (L/240)
   - MAXIMUM: 1/2"
3. CAMBER SHALL BE BUILT INTO FLOOR TRUSSES TO COMPENSATE FOR VERTICAL DEAD LOAD DEFLECTION
   - FLOOR TRUSS: 0.85 X DEFLECTION FROM ACTUAL DEAD LOAD.
4. THE TRUSS LAYOUT SHOWN ON THIS DRAWING REPRESENTS DIRECTION OF TRUSS SPAN ONLY. THE DRAWINGS SHALL NOT BE USED FOR PLACEMENT OF TRUSSES. REFER TO APPROVED TRUSS MFRS. DRAWINGS FOR PLACEMENT, DIMENSIONS, BRACING, AND CONNECTIONS.
5. THE BOTTOM OF ALL DROP BEAMS OVER OPENINGS SHALL EQUAL THE TOP OF THE ROUGH OPENING.
6. REFER TO TYPICAL ROOF UPLIFT LOAD PATH DETAIL FOR REQUIRED STRAPS, ANCHORS, ETC.
7. DRAG TRUSSES SHALL BE PROVIDED DIRECTLY OVER INTERIOR WALLS AND SHALL BE DESIGNED FOR A TOTAL FORCE EQUAL TO THE LENGTH OF THE SHEAR WALL MULTIPLIED BY THE ALLOWABLE SHEAR VALUE PROVIDED IN THE SHEAR WALL SCHEDULE FOR THAT SHEAR TYPE.

2X DIMENSIONAL LUMBER FLOOR FRAMING:

1. FLOOR JOISTS ARE 2X12 @ 16" O.C. UNO.
2. THE BOTTOM OF ALL DROP BEAMS OVER OPENINGS SHALL EQUAL THE TOP OF THE ROUGH OPENING.
3. REFER TO TYPICAL ROOF UPLIFT LOAD PATH DETAIL FOR REQUIRED STRAPS, ANCHORS, ETC.

RENOVATION Wranglers
Owner: Renovation Wranglers
102 E 26th St
Bryan, TX 77803
Katieneason@me.com | 979.450.9969

LKB ARCHITECTURE
Architect of Record: LKB Architecture
2929 Allen Pkwy Suite 200
Houston, TX 77019
lisa@lkbarchitecture.com | 713.425.3076

DUDLEY
Structural: Dudley
Firm# 18677
6102 Imperial Loop Drive
College Station, TX 77845
oorleka@dudleyeng.com | (979) 777-0720

AMC ENGINEERS
MEP: AMC Engineers
Texas Firm #9441
508 E Jackson St # 552
Burnet, TX 78611
info@amcengineers.com | 512.535.6427

openingdesign
Architect: OpeningDesign
17 S Fairchild | FL 7
Madison, WI 53703
ryan@openingdesign.com | 773.425.6456

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Date	Description
06/10/2022	Issued for Permit
08/26/2022	Permit Revisions

FRAMING PLAN - 2ND FLOOR

MARCO POLO - 101 W 33RD STREET - CITY OF BRYAN TOWNSITE, BLOCK 96, LOT 3-5 & PT OF 6 & PT OF ALLEY - BRYAN, TX 77803

S0.2