

A DOAS LOADING REMEDIATION SECTION ELEVATION
SCALE: N.T.S.

STRUCTURAL LEGEND

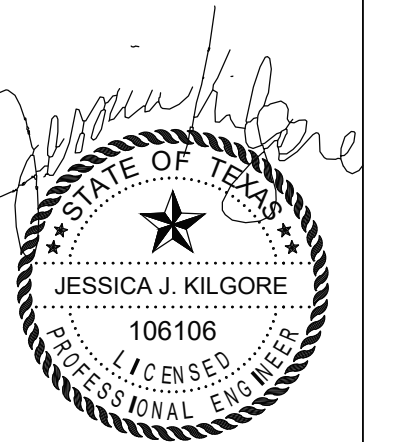
- EXISTING OPEN-WEB WOOD JOIST (EOWW)
- NEW OPEN-WEB WOOD JOISTS
- ▨ LOAD BEARING WALL
- - - DOAS HEADER BEAM
- STEEL COLUMN

STRUCTURAL GENERAL NOTES

1. STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH PROJECT SPECIFICATIONS AND ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING, AND SITE DRAWINGS. CONSULT THESE DRAWINGS FOR OPENINGS, DEPRESSIONS, EQUIPMENT WEIGHTS AND LOCATION, EMBEDDED ITEMS AND OTHER DETAILS NOT SHOWN ON STRUCTURAL DRAWINGS.
2. DIMENSIONS AND CONDITIONS MUST BE VERIFIED IN THE FIELD. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER OF RECORD BEFORE PROCEEDING WITH THE AFFECTED PART OF THE WORK.
3. NO STRUCTURAL MEMBER OR COMPONENT SHALL BE CUT, NOTCHED, OR OTHERWISE ALTERED UNLESS APPROVED IN WRITING BY THE ENGINEER OF RECORD. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY AND ALL COST INCURRED BY THE ENGINEER OF RECORD FOR REVIEW OF ANY SUCH DEVIATIONS.
4. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE ERECTION PROCEDURES AND SEQUENCE TO INSURE SAFETY OF THE BUILDING AND ITS COMPONENTS DURING ERECTION. THIS INCLUDES THE ADDITION OF NECESSARY SHORING, SHEETING, TEMPORARY BRACING, GUYS OR TIE-DOWNS.
5. THE GENERAL CONTRACTOR SHALL COMPARE THE ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING, CIVIL AND STRUCTURAL DRAWINGS AND REPORT ANY DISCREPANCIES BETWEEN EACH SET OF DRAWINGS AND WITHIN EACH SET OF DRAWINGS TO THE ARCHITECT AND ENGINEER OF RECORD PRIOR TO THE FABRICATION AND INSTALLATION OF ANY STRUCTURAL MEMBERS.

HVAC UNIT SCHEDULE

MARK	SERVES	MAKE	MODEL	SUPPLY	EXT SP.	MOTOR	HEATER INPUT	COOLING	STAGES	VOLTAGE	MOCp	MCA	WEIGHT	EFFICIENCY
DOAS	ZONE 1	CAPTIVEAIRE	CASRTU3-1.250-20-20T-DOAS	3200 CFM	1	3 HP	250K BTU/H	249K BTU/H	1	208/3/60	90A	81.5A	2964 LBS	18.2 IEER
RTU	ZONE 2	LENNOX	LGH048HE	1620 CFM	.5	1 HP	52K BTU/H	49K BTU/H	2	208/3/60	40A	28A	875 LBS	17.6 SEER
NOTES:				SEE SHEET M3.0 FOR FULL DOAS (DEDICATED OUTDOOR AIR SYSTEM) SPECIFICATIONS. THIS ROOFTOP UNIT IS DESIGNED TO PROVIDE HEATING, COOLING, AND OA REQUIREMENTS (WITHOUT THE NEED TO INSTALL AN ADDITIONAL LARGE ROOFTOP OUTSIDE AIR UNIT). THE DOAS IS ALSO DESIGNED TO WORK IN CONJUNCTION WITH THE CAPTIVEAIRE KITCHEN EXHAUST HOOD IN LIEU OF NEEDING RETURN DUCTING OR TEMPERED AIR BEING DELIVERED TO THE HVAC ZONE. IT ALSO ALLOWS OTHER AREAS TO BE SERVED THAN JUST THE KITCHEN/PREP AREA. WITH THE WAY IT IS DESIGNED TO EXHAUST AIR RATHER THAN RE-CIRCULATE IT BACK INTO THE HVAC ZONE.										



The seal appearing on this document was authorized by Jessica J. Kilgore, P.E. 106106 on JULY 02, 2021.

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ISSUES
PRELIM CLIENT REVIEW 04-30-2021
PRELIM CLIENT REVIEW 05-27-2021
PRELIM CLIENT REVIEW 06-04-2021
PERMIT REVIEW SET 07-02-2021
SHEET REVISIONS

PRINTED
DESIGNED: JK
CHECKED: JK
IBC: 2015
IECC: 2015
NEC: 2017
SCALE: 3/8"=1'-0"

FOUNDATION

PROJECT: S1
1573