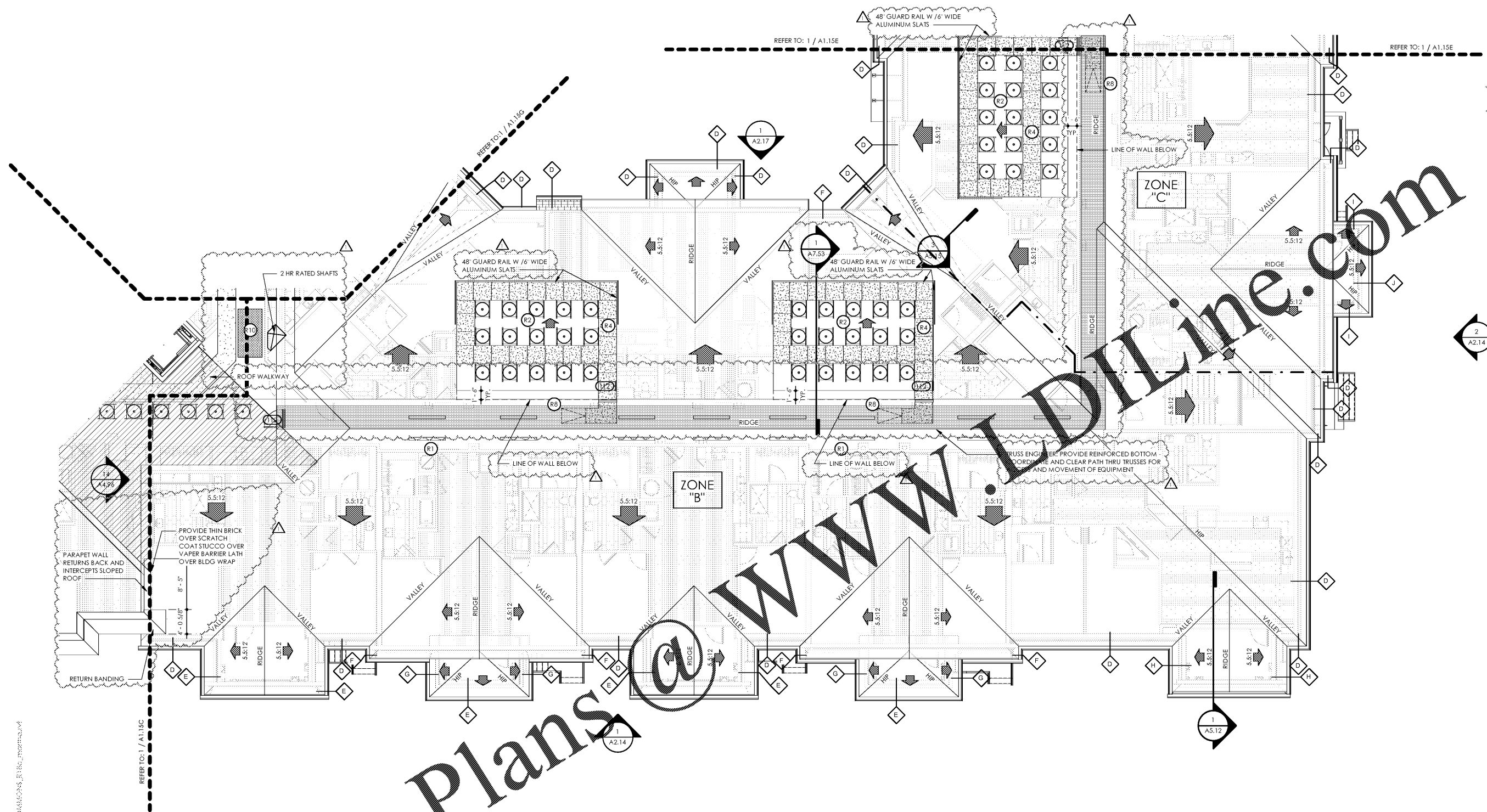


7/3/19



1 PARTIAL BUILDING PLAN D - (05) ROOF PLAN

SCALE: 1/8" = 1'-0"

TRUSS TYPE	HEEL HEIGHT	BRG. HEIGHT	OVERHANGS
A	1'-8 1/4"	32'-6 3/4"	1'
B	1'-2 3/4"	32'-6 3/4"	0'
C	1'-9"	32'-6 3/4"	2'-6"
D	2'-7 1/4"	42'-6 3/4"	1'-6"
E	2'-11 1/4"	42'-6 3/4"	2'-3"
F	2'-7 1/2"	42'-6 3/4"	1'-4"
G	2'-7 7/8"	42'-6 3/4"	1'-9"
H	2'-7 7/8"	42'-6 3/4"	1'-10"
I	2'-2 3/8"	42'-6 3/4"	0'-10"
J	2'-9 1/2"	42'-6 3/4"	1'-11"
K	2'-7"	42'-6 3/4"	1'-8"
L	3'-1 3/8"	42'-6 3/4"	2'-10"
M	2'-10 3/4"	42'-6 3/4"	2'-4"
N	2'-4 1/2"	42'-6 3/4"	1'-2"

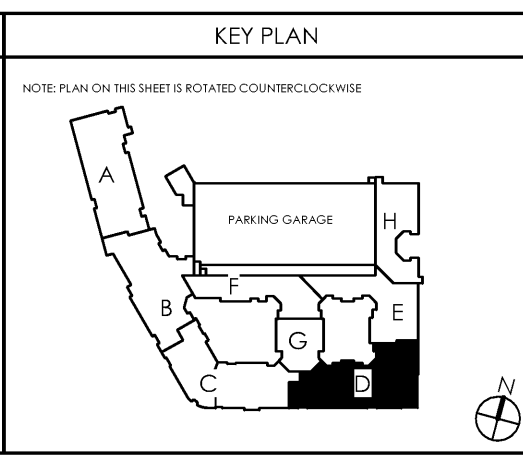
ATTIC VENTILATION CALCULATIONS						
ZONES	AREA SQ.FT.	PERIMETER LIN.FT.	REQ. VENT. SQ.FT.	HIGH	LOW	PROVIDED VENT. SQ.FT.
B	12,595	413	20.99	20.99	15	21.90
C	9,995	280	16.66	16.66	12	17.52

ROOF PLAN GENERAL NOTES

- ALL ROOF PITCHES ARE 5:12 UNLESS NOTED OTHERWISE.
- ROOFING CONTRACTOR TO PROVIDE OFF-RIDGE & SOFFIT VENTILATION IN ACCORDANCE WITH THE FBC. OFF-RIDGE VENTS SHALL BE GALV. STEEL OR ALUMINUM VENT WITH SCREEN. PAINT VENTS TO MATCH ROOF. REFER TO ROOF VENT CALCULATIONS ON THIS SHEET.
- WHERE REQUIRED, ATTIC VENTILATION SHALL BE PROVIDED AND REFER TO MECHANICAL AND PLUMBING PLANS FOR ROOF PENETRATION LOCATIONS.
- CALCULATED AS FOLLOWS:
 5.1 ROOFING CONTRACTOR TO PROVIDE OFF-RIDGE ROOF VENTILATION IN ACCORDANCE WITH FBC OFF-RIDGE ROOF VENTS SHALL BE GALV. STEEL OR ALUMINUM VENT WITH SCREEN - PAINT VENTS TO MATCH ROOF.
 5.2 ATTIC VENTILATION TO BE CALCULATED AT 1/300 RATIO. VENTILATION SHALL BE A COMBINATION OF VENTING AT EAVES AND AT UPPER ROOF. REFER TO ATTIC VENTILATION CALCULATIONS FOR MORE DETAILED INFORMATION.

- ROOF KEYNOTES**
- (R1) DENOTES OFF RIDGE VENT
 - (R2) HVAC CONDENSER RACK - ROUTE HVAC COMPRESSOR DRAIN PIPES PER MEP DRAWINGS
 - (R3) DENOTES 4'-0" MIN. WIDE FIRE RETARDANT PLYWOOD ON BOTH SIDES OF 2-HOUR BUILDING SEPARATION WALL. NO ROOF PENETRATIONS AT THIS LOCATION
 - (R4) PROVIDE 1/4" PER FOOT MIN. SLOPE AWAY FROM ALL WALLS, TYPICAL.
 - (R5) DENOTES 6" GUTTER LOCATION
 - (R6) DENOTES DOWNSPOUT LOCATION
 - (R7) SCUPPER
 - (R8) DENOTES 30" X 48" ATTIC ACCESS
 - (R9) DENOTES PRIMARY ROOF DRAIN
 - (R10) DENOTES OVERFLOW ROOF DRAIN MOUNTED 2' ABOVE PRIMARY ROOF DRAIN
 - (R11) ROOFTOP EQUIPMENT STAND CAPABLE TO SUPPORT 2,000 POUNDS REFER TO MEP. SEE DETAIL 3/A7.52

- ROOF LEGEND**
- [Pattern] INDICATES ASPHALT SHEATHING ROOF
 - [Pattern] INDICATES TPO ROOF SYSTEM W/ 1/2" PER 1'-0" SLOPPING
 - [Pattern] INDICATES 4'-0" MIN. WIDE FIRE RETARDANT SHEATHING AT PERIMETER FOR 2 HR BUILDING SEPARATION WALL - NO ROOF PENETRATIONS PERMITTED AT THIS LOCATION
 - [Pattern] INDICATES ANTICIPATED EQUIPMENT ROOF LOCATIONS
 - [Pattern] INDICATES ACCESS UNDER ROOF - TRUSS ENGINEER TO PROVIDE REINFORCED BOTTOM AND CLEAR PATH THRU TRUSSES



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PARTIAL BUILDING PLAN D - ROOF PLAN

date: 06/04/2019
 job no: 3789.15
 drawn by: EGR JAC, TQT
 reviewed by: CBA
 issue history:
 Δ Date 07/03/19

A1.15D

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