



GENERAL NOTES

1. ALL JOIST SPANNING 40 FEET OR MORE MUST BE FIELD BOLTED TO BEAM AT TIME OF JOIST ERECTION
2. PROVIDE TYPICAL JOIST AND UPLIFT BRIDGING PER STEEL JOIST INSTITUTE REQUIREMENTS (NOT SHOWN ON DRAWINGS). OFFSET BRIDGING WHERE REQUIRED AT ROOF TOP MECHANICAL UNITS. SEE SHEET 3000 FOR UPLIFT LOADS. REFER TO DETAILS FOR TYPICAL JOIST BRIDGING INFORMATION.
3. PROVIDE L3X3X1/4 ROOF DECK SUPPORT ANGLE AT JOIST BEARING EDGES OF ROOF DECK PERIMETER. LOCATE JOISTS IN CONTINUOUS ANGLE AT JOIST LOCATIONS. WELD ANGLE TO EACH JOIST TOP CHORD TYP. U.O.
4. ANY CONCENTRATED LOADS ABOVE 400# ON THE TOP CHORD AND 300# ON THE BOTTOM CHORD OF THE BAR JOISTS SHALL BE REINFORCED BY FIELD WELDING ANGLE LOAD STRUTS AS SHOWN IN THE TYPICAL DETAILS.
5. ROOF TOP UNIT CURB SHALL ATTACH TO STEEL SUPPORT FRAMING WITH #12 TEK SCREWS AT 6" O.C. OR BY WELDING AS SHOWN IN THE TYPICAL ROOF DECK ATTACHMENT DETAIL. ALL ROOF TOP UNIT DIMENSIONS SHALL BE COORDINATED BY THE G.C. THE CURB MANUFACTURER SHALL PROVIDE HVAC AND ROOF TOP EQUIPMENT MOUNTING RESISTANT BRACKET FOR APPLICABLE WIND SPEED.
6. ROOF DECK WEB PATTERN OF SUPPORTING MEMBERS SHALL BE 3/4" PATTERN AT 5/8" DIA. PUDDLE WELDS. STAK SIDE UP FAS. SCREWS SHALL BE (5) #10 TEK SCREWS PER ANGLE ATTACH TO PERIMETER SUPPORTS WITH 5/8" DIA. PUDDLE WELDS AT 6" O.C. FASTEN DECK AT OPEN END SCAMES WITH #12 TEK SCREWS AT 6" O.C. REFER TO TYPICAL ROOF DECK ATTACHMENT DETAIL. (X) INDICATES TOP OF COLUMN ELEVATION ABOVE FINISHED FLOOR.
8. (U.T.M.) INDICATES TOP OF COLUMN IS BOTTOM OF BEAM. (X*) INDICATES TOP OF STEEL BEAM ELEVATION ABOVE FINISHED FLOOR.
10. <+/-X> DENOTES ELEVATION OF TOP OF BEAM ELEVATION ABOVE J.B.E. TOP OF BEAM TO MATCH TOP OF BAR JOIST AND SLOPE OF ROOF.
11. ALL ROOF PENETRATIONS, DIMENSIONED AND NON-DIMENSIONED, ARE SUBJECT TO CHANGE DUE TO FIELD CONDITIONS. COORDINATE LOCATIONS WITH GENERAL CONTRACTOR AND OTHER TRADES PRIOR TO PENETRATING ROOF.
12. ALL JOIST TO BE DESIGNED FOR A 0.3 KIP MINIMUM UPLIFT LOAD AT ALL RTU'S AND CONDENSER RACK SUPPORT POINTS.
13. REFER TO ARCHITECTURAL DRAWINGS FOR MISCELLANEOUS STEEL BRACKETS, BRACES, SUPPORTS, ECT. NOT INDICATED ON THE STRUCTURAL DRAWINGS.

LEGEND

1. RC3 INDICATES METAL ROOF DECK DIRECTION - SEE GENERAL NOTES FOR SIZE, TYPICAL.

SHEET KEYNOTES

1. L2x2x1/4 HORIZONTAL AND DIAGONAL BRIDGING AT COLUMNS.
2. ANGLE KICKERS AND HEADER AT COLUMN.
3. REFER TO DETAILS FOR TYP. RTU SUPPORT FRAMING.
4. ROOF DRAIN. SEE ARCHITECTURAL.
5. PERIMETER ANGLE TO BE MITERED AND FULL PEN WELD AT CORNERS. TYP.
7. HSS4X4X1/4 OUTRIGGER, TYP. 2 SIDES EQ. SPACING
8. METAL AWNING. SEE ARCHITECTURAL. SEE 11/S433 FOR BLOCKING DETAIL.
9. OUTLINE OF CANOPY. SEE ARCHITECTURAL.
10. HSS EQUIPMENT STUB COLUMN
11. REFER TO DETAILS FOR TYP. CONDENSER SUPPORT FRAMING.
12. ROOF PENETRATION. COORDINATE LOCATION WITH ARCHITECTURAL AND MECHANICAL. SEE DETAILS.
13. OUTLINE OF SLAT WALL. SEE ARCHITECTURAL.
14. JOIST SUPPLIER TO DESIGN KCS JOIST FOR 1700 LBS REACTION AT EACH 10K JOIST LOCATION.
15. 1/2" BETWEEN EDGE OF DECK AND FACE OF PIER FINISH.
16. L6x4x1/2 (LLV) LOOSE LINTEL. VERTICAL LEG TO BE TIGHT TO BACK OF BRICK. SEE 11/S430 FOR LINTEL NOTES.

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DESIGN PROFESSIONALS

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ISSUE/REVISION RECORD

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01/25/19	PERMIT SET
03/16/20	REFRESH TO 2020.0113

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PROJECT NAME
HWY 316 @ 81

BETHLEHEM
GA 30620
839 LOGANVILLE HWY

RACETRAC STORE NUMBER
#1304

PROTOTYPE SERIES 5.5K 2.0
2018 LH MO 0405

PLAN MODIFICATION NOTICE
SPB NO. 0405 DATE 12/18/18

STANDARD PLAN BULLETINS (SPB) MODIFY THE
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PROFESSIONAL SEAL

PROJECT NUMBER
 2018157.19

SHEET TITLE
**ROOF FRAMING
 PLAN**

SHEET NUMBER
S200

1 ROOF FRAMING PLAN
 3/16" = 1'-0"