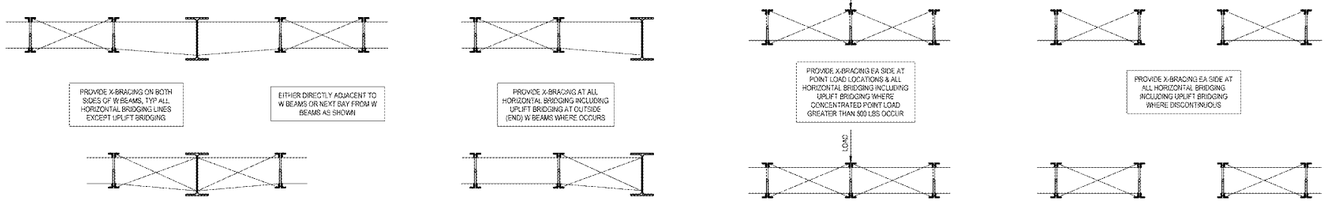
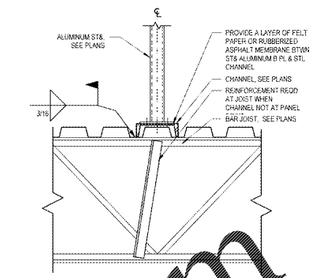
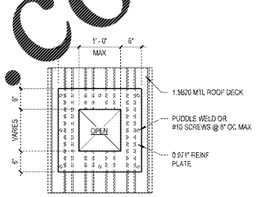


8 S6 GENERAL BRIDGING & BRACING INFORMATION
3/4" = 1'-0"

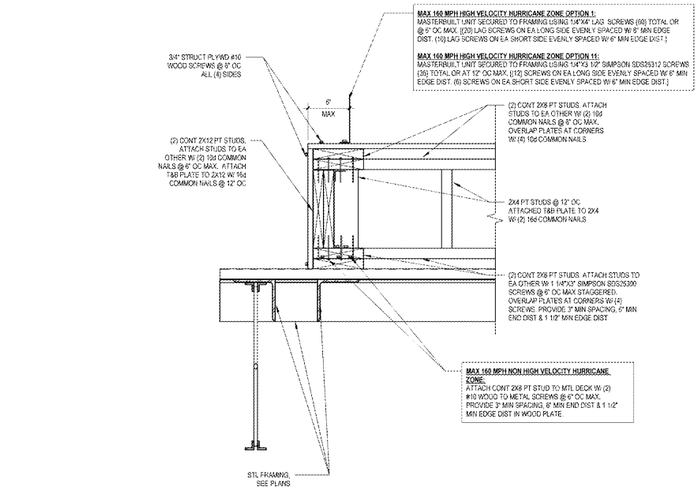


4 S6 CHANNEL CONNECTION TO JOIST
1 1/2" = 1'-0"



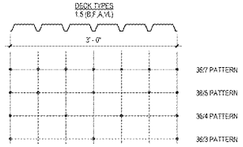
NOTE: FOR HOLES 8" DIA OR LESS - NO REINFORCING PLATE IS REQD

3 S6 METAL DECK PENETRATIONS FOR OPENINGS TO 14" PERPENDICULAR TO DECK
3/4" = 1'-0"

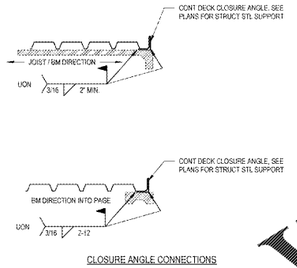


7 S6 MASTERBUILT SUPPORT - SCREWED
1 1/2" = 1'-0"

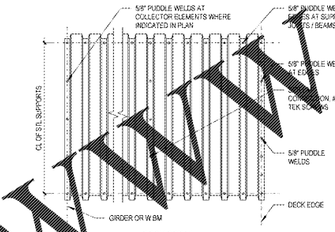
MINIMUM DECK PROPERTIES	1.5 B
NOMINAL DEPTH: 1 1/2" TYPE B (WIDE RIB) METAL DECK Fy: 33 ksi 22 GAUGE: I+D: 169 IN4/FT, SI+D: 156 IN3-/FT, SN+D: 182 IN3-/FT 20 GAUGE: I+D: 212 IN4/FT, SI+D: 0.234 IN3-/FT, SN+D: 247 IN3-/FT 18 GAUGE: I+D: 292 IN4/FT, SI+D: 0.316 IN3-/FT, SN+D: 327 IN3-/FT	
NOTES: 1. HILTI FASTENING SYSTEM MAY BE SUBSTITUTED AS ALTERNATE. EQUIVALENT UPLIFT & SHEAR CAPACITIES REQD 2. DOCUMENTATION TO BE PROVIDED BY GC FOR REVIEW & APPROVAL PRIOR TO USE.	



PUDDLE DECK PATTERN

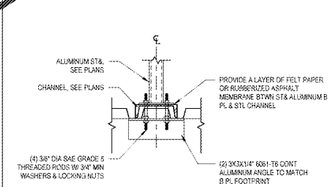


CLOSURE ANGLE CONNECTIONS

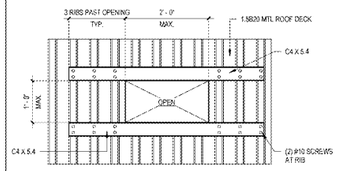


DECK DETAIL

6 S6 GENERAL MTL DECK & CLOSURE ANGLE INFORMATION
1" = 1'-0"

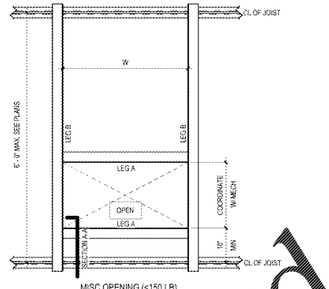


5 S6 STAND COL CONNECTION BTWN JOIST
1 1/2" = 1'-0"

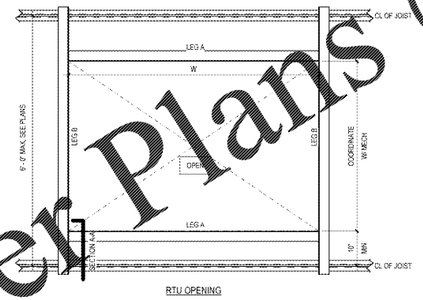


NOTE: FOR LARGER OPENINGS SEE JOIST MECH UNIT SUPPORT DETAIL

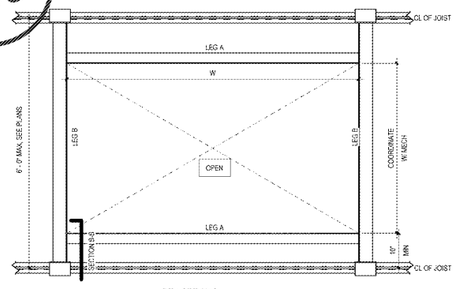
2 S6 METAL DECK PENETRATIONS FOR OPENINGS TO 24" PERPENDICULAR TO DECK
3/4" = 1'-0"



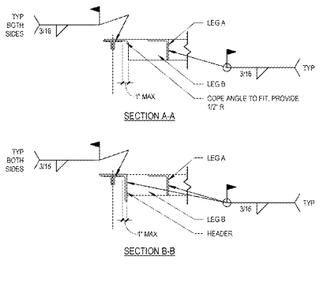
MISC OPENING (<150 LB)

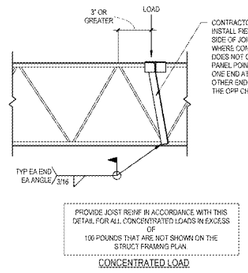


RTU OPENING



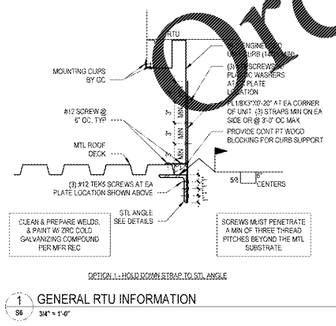
RTU OPENING



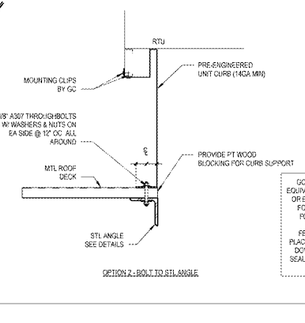


PROVIDE JOIST REINF IN ACCORDANCE WITH THIS DETAIL FOR ALL CONCENTRATED LOADS IN EXCESS OF 100 POUNDS THAT ARE NOT SHOWN ON THE STRUCT FRAMING PLAN

CONCENTRATED LOAD

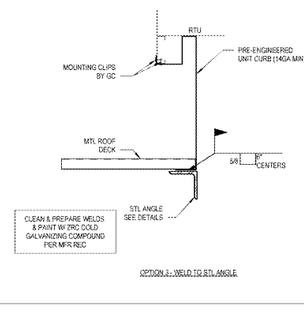


OPTION 1 - HOLD DOWN STRAP TO STL ANGLE



OPTION 2 - BOLT TO STL ANGLE

GC TO PROVIDE PRE-ENGINEERED RTU TIE-DOWNS OR EQUIVALENT ENGINEERED TIE-DOWN SOLUTION THAT MEETS OR EXCEEDS THE REQD PROJECT WIND DESIGN CRITERIA FOR THE SPECIFIC RTU MAKES & MODELS EMPLOYED. FORCES ACTING ON RTUS SHALL BE CALCULATED IN ACCORDANCE W/ FBC / ACSE / BY SPECIALTY ENGR. SIZE, QUANTITY & PLACEMENT OF TIE-DOWNS SHALL BE AS REQD BY THE TIE-DOWN SUPPLIER FOR EA RTU. GC TO SUBMIT SIGNED & SEALED TIE-DOWN ENGINEERING & DETAILS FOR REVIEW & APPROVAL.



OPTION 3 - WELD TO STL ANGLE

MECHANICAL EQUIPMENT SCHEDULE				
TOTAL WEIGHT MAX	MAX "W"	HEADER	LEG A	LEG B
UP TO 150 LBS	3'-0"	N/A, SEE SECTION A-A	L3X3X3/16	L3X3x3/16
500 LBS	6'-0"	N/A, SEE SECTION A-A	L3X3X1/4	L3X3X1/4
2000 LBS	6'-0"	L6X6X3/8	L4X4X3/8	L4X4X3/8

NOTES:
1. INSTALL STRUCT CURBS, HEADERS & FRAMES & WELD TO SUPPORT STL BEFORE DECK IS PLACED. DO NOT INSTALL STRUCT CURBS ON TOP OF DECK.
2. ADJUST LOCATION OF RTU SO CURB FALLS WITHIN 2" OF JOIST PANEL POINTS, WHERE POSSIBLE.
3. GC SHALL COORDINATE EQUIP DIMENSIONS & FRAMING LOCATIONS W/ THE STL FABRICATOR, MECH & ERECTION SUBCONTRACTORS.
4. TOTAL WEIGHT = EQUIPMENT WEIGHT + WEIGHT OF EQUIP CURBS.
5. ALL EQUIP ON PRE-ENGINEERED CURBS.

1 S6 GENERAL RTU INFORMATION
3/4" = 1'-0"

Order Plans @ WWW.LDILine.com

Cuhaci & Peterson Architects Engineers Planners
1925 Prospect Ave.
Orlando, FL 32814
P (407) 661-9100
F (407) 661-9101
www.c-p.com

CLIENT NAME
WAWA
260 WEST BALTIMORE PIKE
WAWA, PENNSYLVANIA 19063

PROJECT NAME
WAWA F85L 2019.01 STORE #5351 - CMM
1004 EDGEWOOD AVE
JACKSONVILLE, FL 32254

SHEET TITLE
RTU FRAMING AND DETAILS

Revision Schedule		
No.	Description	Date
1	PERMIT SET	06/12/2020
A1	REV 2 PER 07/15/2020	07/15/2020
A2	PER PERMIT SET	08/17/2020
A3	PER PERMIT SET	09/24/2020

PROJECT NO. 2107280
DATE 09-29-2020
DRAWN RC
CHECKED KSM

S6