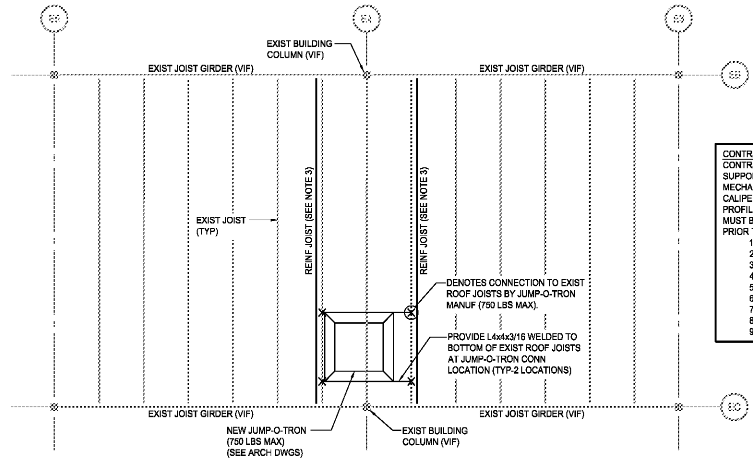
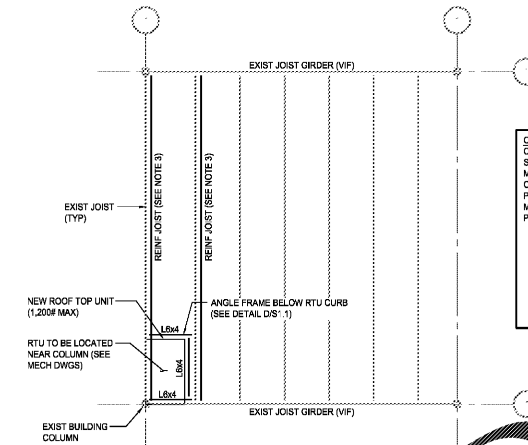


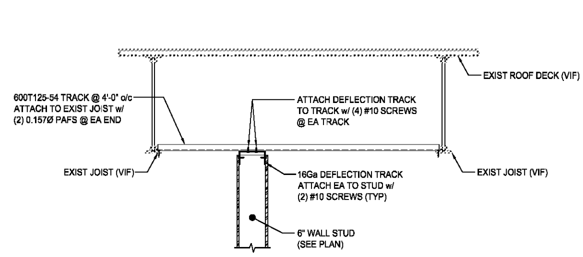
CONTRACTOR NOTE:
CONTRACTOR TO MEASURE THE EXISTING JOISTS THAT WILL BE SUPPORTING THE JUMP-O-TRON & NEW OR RELOCATED ROOF TOP MECHANICAL UNITS. ALL MEASUREMENTS SHALL BE TAKEN USING CALIPERS. THE CONTRACTOR SHALL PROVIDE A SKETCH OF THE PROFILE OF EA JOIST WITH THE FOLLOWING INFORMATION. SKETCH MUST BE SENT TO THE ENGINEER OF RECORD FOR EVALUATION PRIOR TO INSTALLING THE RTU'S OR REINFORCING THE JOISTS.
1. JOIST DEPTH
2. JOIST SPACING
3. JOIST SEAT HEIGHT
4. JOIST SPAN
5. INTERIOR PANEL POINT SPACING
6. TOP CHORD ANGLE SIZE (LEG SIZE & THICKNESS
7. BOTTOM CHORD ANGLE SIZE (LEG SIZE & THICKNESS)
8. VERTICAL WEB SIZE
9. DIAGONAL WEB SIZE

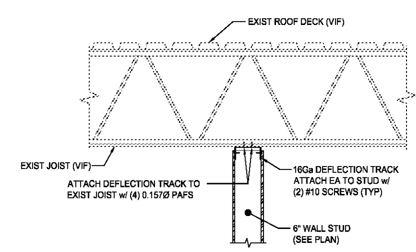
1/S1.1 JUMP-O-TRON ROOF JOIST REINFORCEMENT DETAIL
SCALE: 1/8"=1'-0"
1. ALL EXISTING CONDITIONS ARE TO BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO THE START OF WORK.
2. SEE DRAWING S0.0 FOR STRUCTURAL NOTES.
3. REINFORCE EXISTING ROOF JOISTS FULL LENGTH OF JOIST AT ALL JOISTS SUPPORTING JUMP-O-TRON. SEE DETAIL B/S1.1.



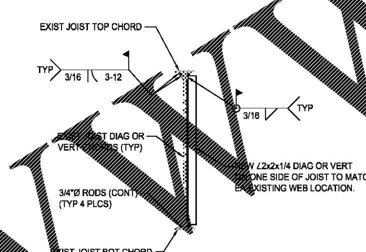
CONTRACTOR NOTE:
CONTRACTOR TO MEASURE THE EXISTING JOISTS THAT WILL BE SUPPORTING THE JUMP-O-TRON & NEW OR RELOCATED ROOF TOP MECHANICAL UNITS. ALL MEASUREMENTS SHALL BE TAKEN USING CALIPERS. THE CONTRACTOR SHALL PROVIDE A SKETCH OF THE PROFILE OF EA JOIST WITH THE FOLLOWING INFORMATION. SKETCH MUST BE SENT TO THE ENGINEER OF RECORD FOR EVALUATION PRIOR TO INSTALLING THE RTU'S OR REINFORCING THE JOISTS.
1. JOIST DEPTH
2. JOIST SPACING
3. JOIST SEAT HEIGHT
4. JOIST SPAN
5. INTERIOR PANEL POINT SPACING
6. TOP CHORD ANGLE SIZE (LEG SIZE & THICKNESS
7. BOTTOM CHORD ANGLE SIZE (LEG SIZE & THICKNESS)
8. VERTICAL WEB SIZE
9. DIAGONAL WEB SIZE

2/S1.1 TYPICAL ROOF JOIST REINFORCEMENT DETAIL AT NEW RTU LOCATIONS
SCALE: 1/8"=1'-0"
1. ALL EXISTING CONDITIONS ARE TO BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO THE START OF WORK.
2. SEE DRAWING S0.0 FOR STRUCTURAL NOTES.
3. REINFORCE EXISTING ROOF JOISTS FULL LENGTH OF JOIST AT ALL JOISTS SUPPORTING RTU. SEE DETAIL B/S1.1.



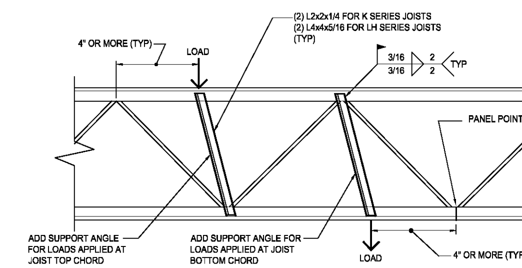


A/S1.1 MTL STUD WALL BRACING TO EXIST ROOF DETAIL
NOT TO SCALE



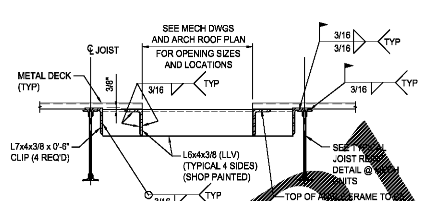
B/S1.1 TYPICAL EXISTING JOIST/JOIST GIRDER REINFORCEMENT DETAIL
SCALE: NTS

NOTES:
1. THE JOIST REINFORCEMENT SHOWN ABOVE APPLIES OR EXTENDS THE FULL LENGTH OF THE JOIST FROM END TO END.

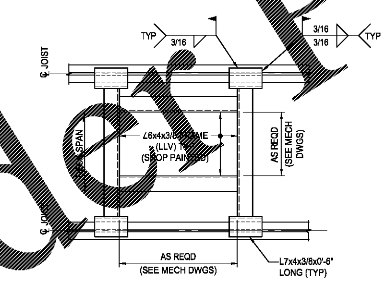


C/S1.1 TYPICAL JOIST REINFORCING DETAIL @ APPLIED LOADS
NOT TO SCALE

REFER TO ALL CONTRACT DRAWINGS OF THIS PROJECT FOR LOCATIONS WHERE THIS DETAIL IS REQUIRED. CONTACT ENGINEER FOR DIRECTION IF POINT LOADS EXCEED 350 POUNDS.



SECTION



PLAN

D/S1.1 TYPICAL ROOF OPENING DETAIL
NOT TO SCALE

1. PROVIDE AT PERIMETER OF ALL ROOFTOP MECHANICAL UNITS AND ROOF OPENINGS LARGER THAN 1'-0" SQUARE.
2. REFER TO ALL CONTRACT DRAWINGS OF THIS PROJECT FOR LOCATIONS WHERE THIS DETAIL IS REQUIRED.

ANTHONY J. VARANO
PROFESSIONAL ENGINEER
FL LIC. NO. 79812

MICHAEL A. BEACH & ASSOCIATES, LLC
CONSULTING STRUCTURAL ENGINEERING
TWIN PONDS EXECUTIVE CAMPUS, SUITE 205
205 BIRCHFIELD DRIVE
MOUNT LAUREL, NEW JERSEY 08054
PH: (856) 273-1909 FAX: (856) 273-1480
EMAIL: mail@mabeachassoc.com
NJ Certificate of Authorization No. 24GA27962200
Project No: 1624.04

DANIEL E. JOST ARCHITECT

PROPOSED INTERIOR ALTERATIONS FOR:
LAUNCH TRAMOPLINE PARK
WATERFORD LAKES
610 N. ALAFAYA TRAIL
ORLANDO, FL 32828

PROJECT NO. 180503
DRAWN BY: NV
CHECKED BY: PLC
SCALE: AS NOTED
ISSUE FOR:

100% PERMIT/BID	9/5/18

DRAWING TITLE:
ROOF FRAMING PLAN & DETAILS

S1.1