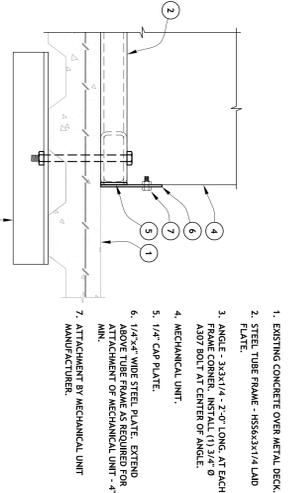
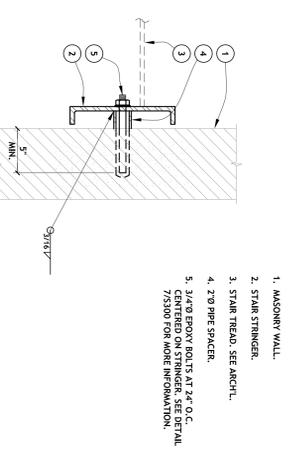


- EXISTING STEEL BEAM.
- EXISTING STEEL JOIST.
- PLASTIC UNDERLAY BEAM CLAMP EACH SIDE.
- P3001 UNISTRUT.
- 1/2" Ø THREADED ROD.
- 3/4" Ø THREADED ROD SEE MECH. L. FOR ATTACHMENT TO UNIT.
- LINE OF MECH. L. UNIT.
- P1000 UNISTRUT LATERAL BRACING AT EACH CORNER.



- EXISTING CONCRETE OVER METAL DECK.
- STEEL TUBE FRAME - HSSK3X1/4 LIND FLATE.
- ANGLE - 3X3X1/4 - 2'-0" LONG AT EACH FRAME CORNER. INSTALL (1) 3/8" Ø ASBY BOLT AT CENTER OF ANGLE.
- MECHANICAL UNIT.
- 1/4" CAP PLATE.
- 1/4" x 4" WIRE STEEL PLATE. EXTEND ABOVE TUBE FRAME AS REQUIRED FOR ATTACHMENT OF MECHANICAL UNIT - 4" MIN.
- ATTACHMENT BY MECHANICAL UNIT MANUFACTURER.

NOTE: THIS DETAIL APPLIES TO UNITS 59-3, AND 59-3E. (SEE ARCH. EQUIPMENT SCHEDULES)



- MASONRY WALL.
- STAR STRINGER.
- STAR TREAD. SEE ARCH. L.
- 2"Ø PIPE SPACER.
- 3/4"Ø EPOXY BOLTS AT 2'-0" O.C. CENTERED ON STRINGER. SEE DETAIL 7/5300 FOR MORE INFORMATION.
- 1/4" CAP PLATE.
- ATTACHMENT BY MECHANICAL UNIT MANUFACTURER.

NOTE: THIS DETAIL APPLIES TO UNITS 59-1, 59-1A, 59-2 AND 59-2E. (SEE ARCH. EQUIPMENT SCHEDULES)

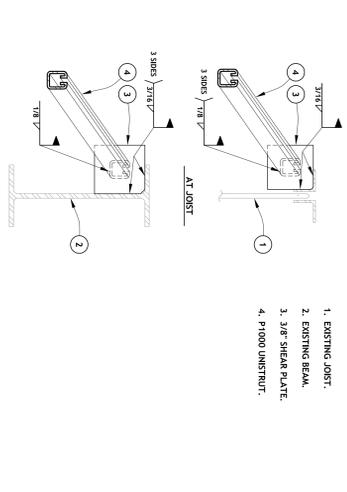
20 MECHANICAL SUPPORT AT BEAM

16 EQUIPMENT ANCHORAGE AT FLOOR

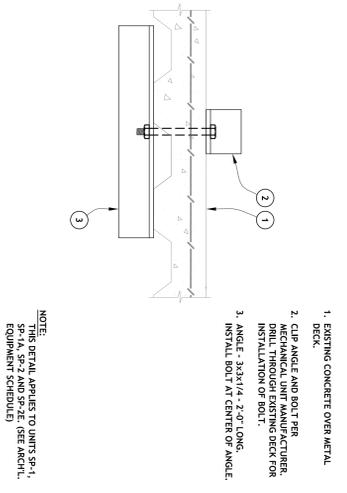
11 STRINGER AT MASONRY WALL

6 REINFORCEMENT OF EXISTING STEEL BEAM

1 TYPICAL CLIP ANGLE CONNECTION

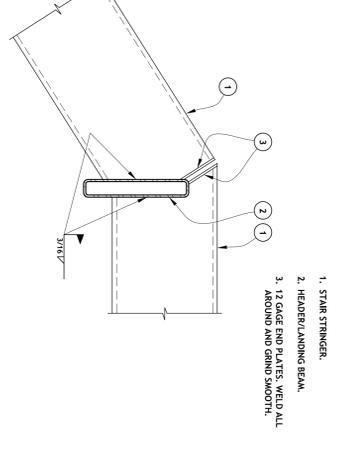


- EXISTING JOIST.
- EXISTING BEAM.
- 3/8" SHEAR PLATE.
- P1000 UNISTRUT.



- EXISTING CONCRETE OVER METAL DECK.
- CLIP ANGLE AND BOLT PER MECHANICAL UNIT MANUFACTURER. DRILL THROUGH EXISTING DECK FOR INSTALLATION OF BOLT.
- ANGLE - 3X3X1/4 - 2'-0" LONG. INSTALL BOLT AT CENTER OF ANGLE.

NOTE: THIS DETAIL APPLIES TO UNITS 59-1, 59-1A, 59-2 AND 59-2E. (SEE ARCH. EQUIPMENT SCHEDULES)

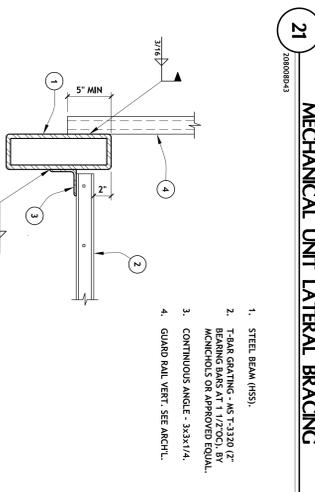


- TOP OF SOLID GROUND FILL DEPTH.
- OPEN END BLOCKS AT SOLID GROUTED SECTION.
- VERTICAL REINFORCING HOOK AT WALL. TOP FROM PARALLEL WITH 4" (2) #5 BARS.
- LINTEL U-BLOCK.
- SHORE LINTEL UNIT. GROUT REACHES DESIGN STRENGTH.
- ADDITIONAL (2) #5 CONT. AT SPANS OVER 10'-1".
- (2) #5 CONT. AT TOP OF SOLID GROUTED SECTION. (AT OPENINGS WIDER THAN 14'-0" PROVIDE (2) #5 W/ 1'-0" O.C. FOR FULL HEIGHT OF LINTEL).

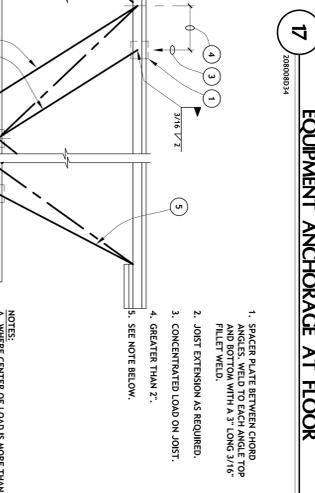
12 STAIR STRINGER AT LANDING

7 CHANNEL AT STEEL BEAM

2 STRINGER AT CMU WALL



- STEEL BEAM (HSS).
- 2" x 4" GRATING - 1/4" x 1/2" x 20' x 20' PER MANUFACTURER'S RECOMMENDATIONS OR APPROVED EQUAL.
- CONTINUOUS ANGLE - 3X3X1/4.
- GUARD RAIL VERT. SEE ARCH. L.



- SPACER PLATE BETWEEN CHORD ANGLES. WELD TO EACH ANGLE TOP AND BOTTOM WITH A 3" LONG 3/16" FLAT WELD.
- JUST EXTENSION AS REQUIRED.
- CONCENTRATED LOAD ON JOIST.
- GREATER THAN 2".
- SEE NOTE BELOW.

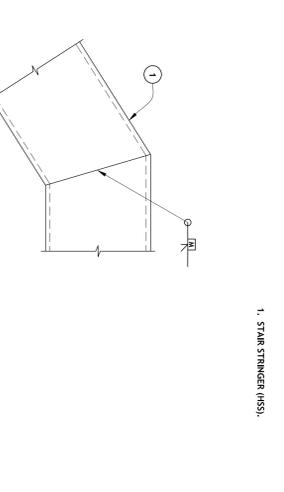
NOTES:
A. WHERE CENTER OF LOAD IS MORE THAN 2" FROM JOIST PANEL POINT, ADD 1/4" TO CHORD PANEL POINT EACH SIDE OF JOIST.
B. DETAIL REQUIRED AT NEW MECHANICAL UNIT.

18 LOST REINFORCING FOR CONCENTRATED LOAD

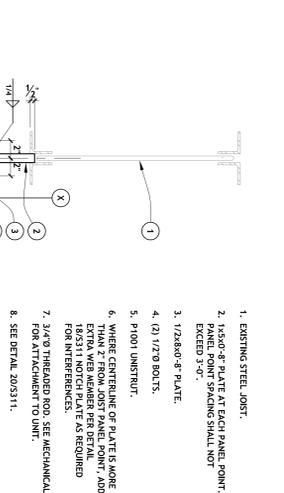
13 TYPICAL MASONRY LINTEL

8 GRATING AT EDGE BEAM

2 STRINGER AT CMU WALL



- STAR STRINGER (HSS).



- EXISTING STEEL JOIST.
- 1/4" Ø PLATE AT EACH PANEL POINT. PANEL POINT SPACING SHALL NOT EXCEED 3'-0".
- 1/2" x 60" x 4" PLATE.
- (2) 1/2" Ø BOLTS.
- P1001 UNISTRUT.
- WHERE CENTERLINE OF PLATE IS MORE THAN 2" FROM JOIST PANEL POINT, ADD EXTRA WEB MEMBER PER DETAIL FOR INTERFERENCES.
- 3/4" Ø THREADED ROD. SEE MECHANICAL UNIT MANUFACTURER FOR MORE INFORMATION.
- SEE DETAIL 205311.
- LINE OF MECHANICAL UNIT.
- P1000 UNISTRUT LATERAL BRACING AT EACH CORNER.

NOTE:
A. AT CONTRACTOR'S OPTION, A W/8 x 7/8 ANCHOR BOLT MAY BE USED IN LIEU OF THE TWO PLATES.



- CENTERLINE BEAM OR BACK OF CHANNEL.
- 3/8" THICK STIFFENER.
- 1/4" MAX.
- PROVIDE STIFFENER BOTH SIDES OF BEAM WEB. U.N.O. ON PLANS.



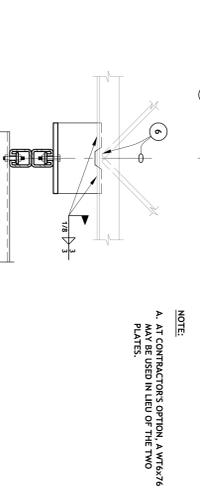
9 METAL DECK AT MASONRY WALL



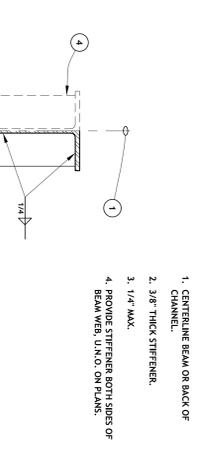
3 STRINGER AT CMU WALL



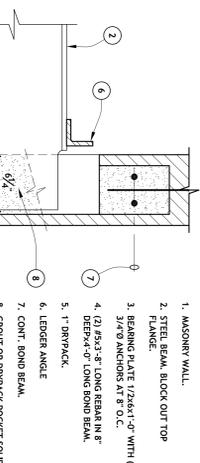
23 COMPLETE PENETRATION JOINT AT STRINGER



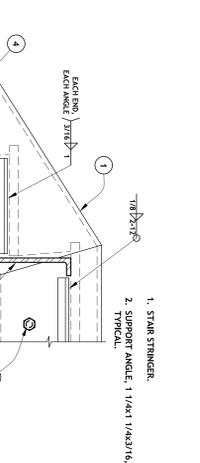
19 MECHANICAL SUPPORT AT PANEL POINTS



15 BEAM STIFFENER



10 STEEL BEAM AT MASONRY WALL



4 STAR STRINGER AT LANDING