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A. MAXIMUM SOIL DESIGN PRESSURE                    2000     PSF

ALTERNATE DESIGN FASTENER (TWIST-OFF BOLT) METHOD.

PERMITTED TO BE PERFORMED ON A PERIODIC BASIS WHEN
BE TIGHTENED ONLY TO THE SNUG-TIGHT CONDITION, THE
MATERIALS HAVE BEEN DRAWN TOGETHER AND PROPERLY
CONSTRUCTION DOCUMENTS AND MANUFACTURER'S CERTIFICATE OF

f. PERIODIC VERIFICATION OF HIGH STRENGTH BOLTS, NUTS AND WASHERS

e. VERIFY STRUCTURAL STEEL MATERIAL CONFORMS TO ASTM STANDARDS

5. WELDING OF STAIRS AND RAILING SYSTEMS.

MADE OF WORK IN PROGRESS; AND A VISUAL INSPECTION OF ALL WELDS
APPLICATION TECHNIQUES.

B. THE FOLLOWING WORK SHALL BE INSPECTED BY THE SPECIAL INSPECTOR UNLESS
BUILDING CODE.

OFFICIAL AND THE DESIGN PROFESSIONALS AND REVIEWED PRIOR TO INSTALLATION.

S1                                  0.057 g

ENGINEER FOR ANY DESIRED MODIFICATION TO THE STATED PRESSURES.

1. THE PRESSURES LISTED ARE IN ACCORDANCE IBC AND ASCE 7 AND THE DESIGN
C & C NOTES:

ZONE 5, WALL (CORNERS)              -57.8/31.5  PSF

ZONE 3, ROOF (CORNERS)              -98.5    PSF

IMPAIR THE STRENGTH OF THE MEMBERS AND ADEQUATE TEMPORARY BRACING SHALL

A. STRUCTURAL PRESTRESSED/PRECAST SUPPLIER SHALL BE A PCI CERTIFIED PLANT.

F. ALTERNATES MUST BE REVIEWED BY THE ENGINEER OF RECORD PRIOR TO
INSTALLATION OF ANCHORS.

EACH TYPE OF APPLICATION.

7. MECHANICAL ANCHORS IN HOLLOW CMU SHALL BE KWIK CON II+

7. REINFORCEMENT

WITH ACI BUILDING CODE 318 LATEST EDITION, UNLESS NOTED OTHERWISE. USE
SLABS ON METAL DECK     3500 psi STD            0.50            ---

TO BOTH THE SLAB AND OTHER PORTIONS OF THE SUPERSTRUCTURE. ISOLATION

B. THE PREPARATION OF THE SUBGRADE FOR THE SLAB ON GRADE SHALL BE IN STRICT
BUILDING HAS SOME RISK OF MOVEMENT. THE SLAB OPTION CHosen AS PROVIDING

5.  SLAB ON GRADE

BE INSPECTED PRIOR TO PLACEMENT OF ANY FILL OR CONCRETE.

IN ACCORDANCE WITH STEEL JOIST INSTITUTE (SJI) SPECIFICATIONS AND SHALL BE THE

MASONRY THICKNESS.

LAPPED ONE FULL MESH AT SIDE AND END SPLICES AND WIRED TOGETHER.

1. ATTACH ROOF DECK TO SUPPORT BEAMS, STEEL JOISTS OR PLATES WITH 5/8"

2. BETWEEN BEAM BEARING PLATES AND CONCRETE OR MASONRY

LATEST PROVISIONS OF AISC "MANUAL OF STEEL CONSTRUCTION."
1. DATUM ELEVATION 100'-0" EQUALS TOP OF SLAB ELEVATION.
2. \( [XXX' - XX"] \) INDICATES TOP OF FOUNDATION WALL ELEVATION.
3. \( (XXX' - XX") \) INDICATES TOP OF FOOTING ELEVATION.
4. \{XXX' - XX"\} INDICATES TOP OF LEDGE ELEVATION.
5. CONTRACTOR SHALL FOLLOW ALL REQUIREMENTS LISTED IN SOILS REPORT.
6. CONTRACTOR SHALL PLACE (3)-#5 VERTICALLY FULL HEIGHT OF WALL AT
   \( 0" X 11' \) FROM GROUND LEVEL.
7. ALL SITE WALLS NOT SHOWN ON THIS PLAN SHALL BE BUILT PER ARCHITECTURAL
   ARCHITECTURAL DRAWINGS, CONNECTED TO THE BUILDING UNLESS NOTED OTHERWISE.
8. FLOOR ELEVATIONS SHOWN ARE AT TOP OF SLAB OR AT TOP OF PLYWOOD
   FLOOR SHEATHING.
9. FOOTING ELEVATIONS SHOWN ARE MAXIMUMS AND MAY NEED TO BE
   LOWERED DUE TO SOIL CONDITIONS. VERIFY CHANGES WITH STRUCTURAL
   ENGINEER.
10. PLACE SLAB ON GRADE ON STRUCTURAL COMPACTED FILL OR NATURAL
    GRADE AS OUTLINED IN SOILS REPORT.
11. UNLESS OTHERWISE NOTED - ALL SLAB ON GRADES ARE 4" THICK WITH
    REINFORCEMENT SHOWN OTHERWISE.
12. PROVIDE CONTROL JOINTS OR CONSTRUCTION JOINTS AS SHOWN ON
    ARCHITECTURAL DRAWINGS.
13. REFER TO ARCHITECTURAL DRAWINGS FOR STAIR FRAMING DETAILS AND
    CONNECTED TO THE BUILDING UNLESS NOTED OTHERWISE.
14. CENTER FOOTINGS UNDER WALLS AND COLUMNS UNLESS DIMENSIONED
    CENTER FOOTINGS UNDER WALLS AND COLUMNS UNLESS DIMENSIONED
15. REFER TO ARCHITECTURAL DRAWINGS FOR STAIR FRAMING DETAILS AND
    CONNECTED TO THE BUILDING UNLESS NOTED OTHERWISE.
16. ALL SITE WALLS NOT SHOWN ON THIS PLAN SHALL BE BUILT PER ARCHITECTURAL
    ARCHITECTURAL DRAWINGS, CONNECTED TO THE BUILDING UNLESS NOTED OTHERWISE.
1. <XXX'-XX"> INDICATES TOP OF STEEL BEAM ELEVATION OR JOIST BEARING ELEVATION.

11. INDICATES TUBE STEEL COLUMN UP AND DOWN, UNLESS IT IS LABELED "UP ONLY".

7. REFER TO JOIST SUPPLIER FOR ALL JOIST BRIDGING REQUIREMENTS.

5. SLOPE METAL ROOF DECK, STEEL JOISTS, AND STEEL JOIST GIRDERS UNIFORMLY BETWEEN ELEVATIONS SHOWN ON PLANS.

4. STEEL SUPPLIER SHALL REVIEW PRECAST SHOP DRAWINGS AND EXISTING CONDITIONS PRIOR TO PREPARATION OF STEEL SHOP DRAWINGS.

14. INDICATES 50KSI STRUCTURAL STEEL BEAMS.

13. INDICATES FULL MOMENT CONNECTION. INCLUDES FULL PENETRATION WELD TOP AND BOTTOM FLANGE OF CANTILEVERED AND BACKSPAN BEAMS UNLESS OTHERWISE DETAILED.

STEEL FRAMING NOTES:

1. MINIMUM DIAPHRAGM SHEAR CAPACITY SHALL BE 400 PLF FOR 20 GAGE DECK.

**OF 33 KSI MINIMUM DECK SECTION PROPERTIES ARE AS FOLLOWS: I = 0.169 in4, S = 0.192 in3.**

BETWEEN ELEVATIONS SHOWN ON PLANS.

* REACTION IS NOT SHOWN ON DRAWINGS.
1. JOIST MANUFACTURER NOTE: JOIST AND JOIST GIRDERS TO BE DESIGNED FOR 10 PSF

2. INDICATES SERVICE REACTION IN KIPS AT END OF STEEL BEAMS.

3. REFER TO JOIST SUPPLIER FOR ALL JOIST BRIDGING REQUIREMENTS.

4. STEEL SUPPLIER SHALL REVIEW PRECAST SHOP DRAWINGS AND EXISTING CONDITIONS PRIOR TO PREPARATION OF STEEL SHOP DRAWINGS.

5. SLOPE METAL ROOF DECK, STEEL JOISTS, AND STEEL JOIST GIRDERS UNIFORMLY.

6. METAL DECK SHALL BE 1 1/2" DEEP, TYPE B-20 GAGE WITH MINIMUM YIELD STRESS.

7. REFER TO JOIST SUPPLIER FOR ALL JOIST BRIDGING REQUIREMENTS.

8. I = 0.169 in^4, S = 0.192 in^3.

9. UP ANGLE AND DOWN ANGLE FULL PENETRATION.

10. INDICATES TUBE STEEL COLUMN DOWN ONLY.

11. INDICATES TUBE STEEL COLUMN UP AND DOWN, UNLESS IT IS LABELED.

12. JOIST MANUFACTURER NOTE: JOIST AND JOIST GIRDERS TO BE DESIGNED FOR 10 PSF.

13. INDICATES FULL MOMENT CONNECTION. INCLUDES FULL PENETRATION.

14. RE: SHEET 02-S000 FOR GENERAL NOTES FOR ROOF DECK CONNECTION REQUIREMENTS.

15. JOIST MANUFACTURER NOTE: JOIST AND JOIST GIRDERS TO BE DESIGNED FOR 10 PSF.
STEEL FRAMING NOTES:

1. 1'-X" INDICATES TOP OF STEEL BEAM ELEVATION OR JOIST BEARING ELEVATION.
2. INDICATES SERVICE REACTION IN KIPS AT END OF STEEL BEAMS.
3. INDICATES FULL MOMENT CONNECTION. INCLUDES FULL PENETRATION WELD TOP AND BOTTOM FLANGE OF CANTILEVERED AND BACKSPAN BEAMS UNLESS OTHERWISE DETAILED.
4. INDICATES 50KSI STRUCTURAL STEEL BEAMS.
5. STEEL SUPPLIER SHALL REVIEW PRECAST SHOP DRAWINGS AND EXISTING CONDITIONS PRIOR TO PREPARATION OF STEEL SHOP DRAWINGS.
6. METAL DECK SHALL BE 1 1/2" DEEP, TYPE B-20 GAGE WITH MINIMUM YIELD STRESS OF 33 KSI.
7. METAL DECK SECTION PROPERTIES ARE AS FOLLOWS: I = 0.169 in4, S = 0.192 in3.
8. REFER TO JOIST SUPPLIER FOR ALL JOIST BRIDGING REQUIREMENTS.
9. INDICATES TOP OF CONCRETE SLAB ON METAL DECK ELEVATION.
10. INDICATES TUBE STEEL COLUMN DOWN ONLY.
11. INDICATES TUBE STEEL COLUMN UP AND DOWN, UNLESS IT IS LABELED "UP ONLY".
12. INDICATES TOP OF METAL DECK ELEVATION.
13. INDICATES FULL MOMENT CONNECTION.
14. RE: SHEET 02-S101 FOR GENERAL NOTES FOR CONNECTION REQUIREMENTS.
15. STEEL MATERIALS SHEET 02-S101.
16. RE: SHEET 02-S000 FOR GENERAL NOTES FOR ROOF DECK CONNECTION REQUIREMENTS.
17. JOIST MANUFACTURER NOTE: JOIST AND JOIST GIRDERS TO BE DESIGNED FOR 10 PSF UPLIFT PRESSURE DUE TO WIND. PROVIDE BRACING FOR BOTTOM CHORDS AS REQUIRED.
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- Client/Project: Consultation
- Scale: 3/4" = 1'-0"
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GENERAL NOTES:
1 THIS PLAN SHOWS CIRCUITING OF LIGHT FIXTURES. REFER TO ARCHITECTURAL LIGHTING SHEETS FOR FIXTURE LOCATIONS, TYPES, AND SPECIFICATIONS, AND ALL CONTROLS AND OPERATIONS. COORDINATE INSTALLATION OF ALL FIXTURES, CONTROLS, CIRCUITS, AND OTHER ITEMS NECESSARY FOR A COMPLETE LIGHTING DESIGN WITH ARCHITECT, LIGHTING DESIGNER, AND GENERAL CONTRACTOR PRIOR TO INSTALLATION.

DRAWING NOTES:
1 PROVIDE NEMA 3R DISCONNECTING MEANS FOR LIGHTING CIRCUIT WHERE CONDUCTORS ENTER CANOPY STRUCTURE PER NEC 225.31. PROVIDE GROUNDING ELECTRODE, #6 CU TO GROUNDING ROD, INSTALL PER NEC 250.32.