### Piping Point of Connection Schedule

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### Notes
1. Piping Schedule represents the primary and secondary piping systems for the building.
2. Instrumentation is included to monitor and control the systems.
3. Fire protection is critical to ensure safety and comply with regulations.
4. Gas systems are essential for operations and must be properly installed and maintained.
5. All systems must be reviewed and approved by the appropriate authorities.
**GENERAL STRUCTURAL NOTES:**

1. ALL STRUCTURAL WALLS SHALL CONFORM TO THE INTERNATIONAL BUILDING CODE, AS RECOMMENDED BY THE ARCHITECT.
2. CONSTRUCTION DETAILS WILL BE SELECTED TO MEET THE REQUIREMENTS OF THE CODE AS RECOMMENDED BY THE ARCHITECT.
3. ALL FOUNDATIONS SHALL BE DESIGNED FOR A LOAD OF 3,000 PSF (SUPERIMPOSED) AND 50% OF THE SUPERIMPOSED LOAD (SUPERIMPOSED AND EQUIVALENT LIVE LOADS [EQLL]).
5. SOIL LABORATORY TESTS AND FIXED GEOPHYSICAL SURVEY DATA SHALL BE SUBMITTED TO THE ARCHITECT PRIOR TO BEGINNING WORK.
6. FOUNDATIONS SHALL BE DESIGNED FOR 3,000 PSF (SUPERIMPOSED) AND 50% OF THE SUPERIMPOSED LOAD (SUPERIMPOSED AND EQUIVALENT LIVE LOADS [EQLL]).

**FOUNDATION Notes:**

1. ALL FOUNDATIONS SHALL BE DESIGNED FOR A LOAD OF 3,000 PSF (SUPERIMPOSED) AND 50% OF THE SUPERIMPOSED LOAD (SUPERIMPOSED AND EQUIVALENT LIVE LOADS [EQLL]).
2. CONSTRUCTION DETAILS OF FOUNDATIONS, SCAFFOLDING, PROTECTION, AND MATERIALS SHALL BE AS SPECIFIED IN THE CODE (IBC-2006).
3. ALL FOUNDATIONS SHALL BE DESIGNED FOR A LOAD OF 3,000 PSF (SUPERIMPOSED) AND 50% OF THE SUPERIMPOSED LOAD (SUPERIMPOSED AND EQUIVALENT LIVE LOADS [EQLL]).
5. ALL FOUNDATIONS SHALL BE DESIGNED FOR A LOAD OF 3,000 PSF (SUPERIMPOSED) AND 50% OF THE SUPERIMPOSED LOAD (SUPERIMPOSED AND EQUIVALENT LIVE LOADS [EQLL]).

**REINFORCING STEEL:**

1. ALL REINFORCING STEEL SHALL BE DETAIL AND PLACED IN ACCORDANCE WITH THE CODE AND THE REQUIREMENTS OF THE CONTRACT DOCUMENTS.
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**MASONRY:**

1. DESIGN COMPRESSION STRENGTH IS 50 PSF URE.
2. CONCRETE WALLS SHALL BE AGED FOR 28 DAYS TO ATTAIN MINIMUM COMPRESSION STRENGTH.
3. CONCRETE WALLS SHALL BE AGED FOR 28 DAYS TO ATTAIN MINIMUM COMPRESSION STRENGTH.
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6. CONCRETE WALLS SHALL BE AGED FOR 28 DAYS TO ATTAIN MINIMUM COMPRESSION STRENGTH.

**SPECIAL INSPECTIONS:**

1. SPECIAL INSPECTIONS REQUIRED FOR THE FOLLOWING TYPES OF WORK, AS REQUIRED BY THE CODE AND THE CODE OF STANDARD PRACTICE:
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6. SPECIAL INSPECTIONS REQUIRED FOR THE FOLLOWING TYPES OF WORK, AS REQUIRED BY THE CODE AND THE CODE OF STANDARD PRACTICE:
1. Refer to architectural, civil, and landscape drawings for exterior openings not shown, TYP.
2. Note MCJ indicates masonry control joint per detail 1A/S3.1. Coordinate with architectural drawings for exact location and depth. Approximate bottom at EL 80'-9" (-4').
3. Indicate foundation depression per details 10, 11 & 12. Refer to architectural, civil, and landscape drawings for exterior openings. TYP.
4. Attach the upper level floor concrete has been referred to detail 3/S2.1.
5. Refer to architectural, civil, and landscape drawings for exterior openings. TYP.
6. Refer to architectural, civil, and landscape drawings for exterior openings not shown, TYP.
7. Refer to architectural, civil, and landscape drawings for exterior openings not shown, TYP.
8. Refer to architectural, civil, and landscape drawings for exterior openings not shown, TYP.
9. Refer to architectural, civil, and landscape drawings for exterior openings not shown, TYP.
10. Refer to architectural, civil, and landscape drawings for exterior openings not shown, TYP.
11. Refer to architectural, civil, and landscape drawings for exterior openings not shown, TYP.
12. Refer to architectural, civil, and landscape drawings for exterior openings not shown, TYP.
KEYNOTES - SECOND FLOOR FOUNDATION & FRAMING PLAN:

1. CONCRETE SLAB ON 4" BASE COURSE (NO. 3" CONCRETE TOPPING ON 1 1/2"x20GA. COMPOSITE STEEL).  INDICATES STEPPED FOOTING AS REQUIRED TO DR. VAPOR BARRIER)  REINFORCE SLAB WITH #4 AT 12" O.C. EA. WAY. REF. ARCH. DWGS. FOR SLOPE AND DRAINAGE.

6. 2.0x2.0 W.W.F. - REF. DETAIL 1/S4.2.

7. 'MCJ' INDICATES MASONRY CONTROL JOINT PER DETAIL SLOPED CONCRETE TOPPING (5" THK. AT ALL EDGES UNO., 3" SUBSURFACE).  COORD. EXACT LOCATION AND SIZE WITH ELECTRICAL DRAWINGS. 1A/S3.1.  COORDINATE WITH ARCH. DWGS. FOR EXACT LOCATIONS, UNO.

8. 'C1' INDICATES COLUMN PER SCHEDULE 17/S2.1.

21. 'MW1' INDICATES MASONRY WALL PER SCHEDULE 2/S3.1.

8. CONCRETE STAIRS ON GRADE, REFER TO DETAIL 9/S2.3.

10. FLOOR DRAIN, REF. ARCH. DWGS.

NEW GENERATOR WITH CONCRETE EQUIPMENT BASE, REFER TO DETAIL 1/S4.2.

13. MCJ OCCURS IN WALL ABOVE OPENING. DECK.  REINFORCE TOPPING WITH 6x6-W2.0xW2.0 W.W.F. - REF. DETAIL 1/S4.2.  SLOPE UPPER TOPPING TO FLOOR DRAINS PER ARCH. DWGS., REF. DTL. 13/S4.2. (T.O. STEEL EL. = 99'-2 1/2" TOC EL = 100' - 0").

-5. CONCRETE CORNER FOOTING BTM. TO EXISTING CONCRETE SLAB. INDICATES SLAB DEPRESSION PER DETAILS 10, 11 & 12/S2.3.  REFER TO ARCH. DWGS. FOR DEPTH AND LOCATIONS, UNO.

-9. INDICATES COLUMN PER SCHEDULE 10/S2.1.  REINFORCING NOT SCHEDULED.(84'-0") INDICATES TOP OF FOOTING REFERENCE ELEVATION.

-3. CONCRETE CORNER FOOTING BTM. TO EXISTING CONCRETE SLAB. INDICATES SLAB DEPRESSION PER DETAILS 10, 11 & 12/S2.3.  REFER TO ARCH. DWGS. FOR DEPTH AND LOCATIONS, UNO.

-10. 4'-4" AT 3" C/C AT MID-DEPTH OF SLAB, TYP. AT ALL RE-ENTRANT CORNERS AND DISCONTINUOUS SLAB JOINTS.

17. JOIST BRIDGING, SIZE AND NUMBER TO BE DESIGNED BY JOIST 4'-4" AT 3" C/C AT MID-DEPTH OF SLAB, TYP. AT ALL RE-ENTRANT CORNERS AND DISCONTINUOUS SLAB JOINTS.

18. ACT. F.F.E. = 2318.20'.  F,PC/(99'-0") (OPERABLE PARTITION)

14. 2 SPA. AT 7'-0" O.C.

15. 2 SPA. AT 7'-0" O.C.

16. 2 SPA. AT 6'-10" O.C.

12. 2 SPA. AT 7'-0" O.C.