GENERAL

1. STRUCTURE HAS BEEN DESIGNED TO COMPLY WITH THE FOLLOWING:
   a. 1997 INTERNATIONAL BUILDING CODE
   b. 1997 INTERNATIONAL ELECTRICAL CODE
   c. 1997 INTERNATIONAL MECHANICAL CODE
   d. 1997 INTERNATIONAL PLUMBING CODE

2. COMPLIANCE TO THE FOLLOWING:
   a. 1997 INTERNATIONAL BUILDING CODE
   b. 1997 INTERNATIONAL ELECTRICAL CODE
   c. 1997 INTERNATIONAL MECHANICAL CODE
   d. 1997 INTERNATIONAL PLUMBING CODE

3. ALL CONCRETE WORK SHALL CONFORM TO THE CORRESPONDING EDITION OF THE
   4. CONCRETE MATERIALS SHALL CONFORM TO:
   a. ASTM C 94-02 STANDARD SPECIFICATIONS FOR READY MIX PORTLAND CEMENT
   b. ASTM C 109-02 (1997) STANDARD METHOD OF TEST FOR COMpressive STRENGTH
      OF CEMENT
   c. ASTM C 110-02 (1997) STANDARD SPECIFICATIONS FOR CEMENT PLANT
      PRODUCED ADDITIVES 
   d. ASTM C 110-02 (1997) STANDARD SPECIFICATIONS FOR CEMENT PLANT
      PRODUCED ADDITIVES 
   e. ACI 318-02 BUILDING CODE
   f. ACI 318-02 BUILDING CODE

5. FORMS AND REINFORCING STEEL SHALL BE PROVIDED.

6. ALL OTHER COLD FORMED STEEL SHALL BE PROVIDED.

7. EARTHWORK

   a. EARTHWORK SCOPE OF WORK
   b. EARTHWORK ELEVATIONS

8. EARTHWORK

   a. EARTHWORK SCOPE OF WORK
   b. EARTHWORK ELEVATIONS

9. UNDERPINNING

   a. UNDERPINNING SHALL BE PROVIDED AS SHOWN ON THE DRAWINGS.
   b. UNDERPINNING SHALL BE PROVIDED AS SHOWN ON THE DRAWINGS.

10. REINFORCING STEEL

    a. ALL COLD FORMED STEEL TO BE INSTALLED IN ACCORDANCE WITH THE
        MANUFACTURER'S INSTRUCTIONS.
    b. ALL COLD FORMED STEEL TO BE INSTALLED IN ACCORDANCE WITH THE
        MANUFACTURER'S INSTRUCTIONS.

11. البرازيل

   a. البرازيل
   b. البرازيل

12. LINTELS

    a. LINTELS SHALL BE PROVIDED AS SHOWN ON THE DRAWINGS.
    b. LINTELS SHALL BE PROVIDED AS SHOWN ON THE DRAWINGS.

13. TRUSS AND SPACE FRAME FRAMING

    a. TRUSS AND SPACE FRAME FRAMING
    b. TRUSS AND SPACE FRAME FRAMING

14. MECHANICAL AND ELECTRICAL DESIGN

    a. MECHANICAL AND ELECTRICAL DESIGN
    b. MECHANICAL AND ELECTRICAL DESIGN

15. STRUCTURAL INTEGRITY

    a. STRUCTURAL INTEGRITY
    b. STRUCTURAL INTEGRITY

16. POST-INSTALLED ANCHORS

    a. POST-INSTALLED ANCHORS
    b. POST-INSTALLED ANCHORS

17. ELEVATORS

    a. ELEVATORS
    b. ELEVATORS

18. TESTING, INSPECTIONS, AND OBSERVATIONS

    a. TESTING, INSPECTIONS, AND OBSERVATIONS
    b. TESTING, INSPECTIONS, AND OBSERVATIONS

19. GENERAL

    a. GENERAL
    b. GENERAL
**BASEMENT PLAN - AREA A**

- **1'-11 3/4" WALL**
- **10" WALL**
- **STOOP (-8'-10") SF 3.5**
- **(-9'-0") SF 3.5**
- **BP1 6x6x3/8 (-8'-10") SF 3.5**
- **BP1 6x6x3/8 (-10'-4") SF 3.5**
- **BP1 6x6x3/8 (-15") SF 3.5**

**SECOND FLOOR FRAMING PLAN**

- **1'-3 5/8" WALL**
- **1'-4 3/8" WALL**
- **BP1 6x6x3/8 (-13'-4") SF 3.5**
- **BP1 6x6x3/8 (-15'-4") SF 3.5**
- **BP1 6x6x3/8 (-18'-2") SF 3.5**

**FOUNDRATION PLAN**

- **(E) 12" GRADE BEAM**
- **HSS 6 (-8'-10")**
- **HSS 6 (-11'-5")**
- **HSS 6 (-13'-4")**
- **HSS 6 (-15'-4")**
- **HSS 6 (-17'-4")**
- **HSS 6 (-19'-4")**

**NOTES:**

1. **SEE S3.00 FOR TYPICAL SLAB ON GRADE**
2. **SF# AND CF# REPRESENT SPREAD FOOTING AND**
3. **CONSTRUCTION DETAILS.**
4. **BP# REPRESENTS BASE PLATE.**
5. **P# REPRESENTS CAST IN PLACE PIER.**

**STATEMENT OF RESPONSIBILITY**

- **Underpinning of existing foundation required**
- **Temporary horizontal bracing at top of wall**
- **Recomend reconfiguration and reinstallation**
- **Composite steel deck, 2 span minimum, with**
- **Selected elevator supplier.**
- **Elevator shaft for elevator installation.**

**GENERAL CONTRACTOR**

- **CMU DETAILS.**
- **WALL SCHEDULE.**
- **MATCH LONGITUDINAL AND HORIZONTAL BARS.**
- **WALL INTERSECTIONS. BAR SIZE AND QUANTITY TO**
- **REACH 75% DESIGN STRENGTH.**
- **LONG SLOTTED HOLES. SEE 3/S5.00 FOR SCHEDULE.**

**REFERENCES:**

- **Sheet 1/20**
- **Sheet 1/25**
- **Sheet 1/30**
- **Sheet 1/35**
- **Sheet 1/40**
- **Sheet 1/45**
- **Sheet 1/50**
- **Sheet 1/55**
- **Sheet 1/60**
- **Sheet 1/65**
- **Sheet 1/70**
- **Sheet 1/75**
- **Sheet 1/80**
- **Sheet 1/85**
- **Sheet 1/90**
- **Sheet 1/95**
- **Sheet 1/100**

**IMAGES:**

- **BETTENDORF, IA 52722**
- **563.326.2555**
- **201 W. 2nd Street, Suite 608**
- **Davenport, IA 52801**
- **124 Arts Alley**
- **www.imegcorp.com**
- **309.788.0673  FAX: 309.786.5967**
1. 3" (18 GA) TYPE N STEEL DECK, 2 SPAN MINIMUM.
2. 1 1/2" (20GA) TYPE B STEEL DECK, 2 SPAN MINIMUM.
3. HSS8x6x3/8 (LSV) (+-”) WIND GIRT. SEE DETAIL 12/S5.00.
4. HSS4x4x1/4 EL (+6-10 1/4”) WIND GIRT. SEE DETAIL 12/S5.00.
5. HSS4x4x1/4 EL (+6-11 1/4”) WIND GIRT. SEE DETAIL 12/S5.00.
6. HSS5x5x3/8 EL(+4'-0 1/2”) WIND GIRT. SEE DETAIL 12/S5.00.
7. HSS4x4x1/4 EL (+6-11 1/4) WIND GIRT. SEE DETAIL 12/S5.00.
8. HSS4x4x1/4 EL (+6-6”) WIND GIRT. SEE DETAIL 12/S5.00.
9. HSS4x4x1/4 EL (+6-11 1/4) WIND GIRT. SEE DETAIL 12/S5.00.
10. DO NOT CUT (E) DOUBLE TEE STEMS FOR NEW.
11. W8x35 HOIST BEAM. VERIFY HOIST BEAM EL WITH.
12. SEE 13/S5.00 FOR TYPICAL HANGER DETAIL.
13. SEE ARCHITECTURAL AND FOUNDATION DRAWINGS
14. SEE S0.02 FOR LINTELS IN STRUCTURAL CMU WALLS.
15. SEE S0.02 FOR CMU WALL SCHEDULE.
16. TOP OF STEEL EL VARIES. SEE DECK BEARING EL FOR.
17. BEAM BEARING ON CMU WALL. SEE DETAIL 6/S4.00.
18. HSS4x4x1/4 EL (+6-10 1/4”) WIND GIRT. SEE DETAIL 12/S5.00.
19. TYP S4.00
20. HSS4x4x1/4 EL (+6-10 1/4”) WIND GIRT. SEE DETAIL 12/S5.00.
21. BEAM BEARING ON CMU WALL. SEE DETAIL 6/S4.00.
22. HSS4x4x1/4 EL (+6-11 1/4) WIND GIRT. SEE DETAIL 12/S5.00.
23. HSS4x4x1/4 EL (+6-11 1/4) WIND GIRT. SEE DETAIL 12/S5.00.
24. HSS4x4x1/4 EL (+6-11 1/4) WIND GIRT. SEE DETAIL 12/S5.00.
25. HSS4x4x1/4 EL (+6-11 1/4) WIND GIRT. SEE DETAIL 12/S5.00.
26. HSS4x4x1/4 EL (+6-11 1/4) WIND GIRT. SEE DETAIL 12/S5.00.
27. HSS4x4x1/4 EL (+6-11 1/4) WIND GIRT. SEE DETAIL 12/S5.00.
28. HSS4x4x1/4 EL (+6-11 1/4) WIND GIRT. SEE DETAIL 12/S5.00.
29. HSS4x4x1/4 EL (+6-11 1/4) WIND GIRT. SEE DETAIL 12/S5.00.
30. HSS4x4x1/4 EL (+6-11 1/4) WIND GIRT. SEE DETAIL 12/S5.00.
31. HSS4x4x1/4 EL (+6-11 1/4) WIND GIRT. SEE DETAIL 12/S5.00.
32. HSS4x4x1/4 EL (+6-11 1/4) WIND GIRT. SEE DETAIL 12/S5.00.
33. HSS4x4x1/4 EL (+6-11 1/4) WIND GIRT. SEE DETAIL 12/S5.00.
34. HSS4x4x1/4 EL (+6-11 1/4) WIND GIRT. SEE DETAIL 12/S5.00.
35. HSS4x4x1/4 EL (+6-11 1/4) WIND GIRT. SEE DETAIL 12/S5.00.
36. HSS4x4x1/4 EL (+6-11 1/4) WIND GIRT. SEE DETAIL 12/S5.00.
37. HSS4x4x1/4 EL (+6-11 1/4) WIND GIRT. SEE DETAIL 12/S5.00.
38. HSS4x4x1/4 EL (+6-11 1/4) WIND GIRT. SEE DETAIL 12/S5.00.
39. HSS4x4x1/4 EL (+6-11 1/4) WIND GIRT. SEE DETAIL 12/S5.00.
40. HSS4x4x1/4 EL (+6-11 1/4) WIND GIRT. SEE DETAIL 12/S5.00.
41. HSS4x4x1/4 EL (+6-11 1/4) WIND GIRT. SEE DETAIL 12/S5.00.
42. HSS4x4x1/4 EL (+6-11 1/4) WIND GIRT. SEE DETAIL 12/S5.00.
43. HSS4x4x1/4 EL (+6-11 1/4) WIND GIRT. SEE DETAIL 12/S5.00.
44. HSS4x4x1/4 EL (+6-11 1/4) WIND GIRT. SEE DETAIL 12/S5.00.
45. HSS4x4x1/4 EL (+6-11 1/4) WIND GIRT. SEE DETAIL 12/S5.00.
46. HSS4x4x1/4 EL (+6-11 1/4) WIND GIRT. SEE DETAIL 12/S5.00.
47. HSS4x4x1/4 EL (+6-11 1/4) WIND GIRT. SEE DETAIL 12/S5.00.
48. HSS4x4x1/4 EL (+6-11 1/4) WIND GIRT. SEE DETAIL 12/S5.00.
49. HSS4x4x1/4 EL (+6-11 1/4) WIND GIRT. SEE DETAIL 12/S5.00.
50. HSS4x4x1/4 EL (+6-11 1/4) WIND GIRT. SEE DETAIL 12/S5.00.
51. HSS4x4x1/4 EL (+6-11 1/4) WIND GIRT. SEE DETAIL 12/S5.00.
52. HSS4x4x1/4 EL (+6-11 1/4) WIND GIRT. SEE DETAIL 12/S5.00.
53. HSS4x4x1/4 EL (+6-11 1/4) WIND GIRT. SEE DETAIL 12/S5.00.
54. HSS4x4x1/4 EL (+6-11 1/4) WIND GIRT. SEE DETAIL 12/S5.00.
55. HSS4x4x1/4 EL (+6-11 1/4) WIND GIRT. SEE DETAIL 12/S5.00.
1. NOTES:
SEE PLAN

SEE PLAN FOR
REQUIRED DETAIL.
WIDTH UP TO 1'
LOCATIONS, ELEVATIONS, ETC. OF SITE UTILITIES.

2. NOTES:
SEE PLAN

SEE PLAN

24 HOURS OF CONCRETE
8" -
IN
SEE PLAN

3/4" Ø x 1'
PIER DETAIL

3/4" TYP.

3/4" TYP.

3/4" Ø x 1'

4. ELEVATOR PIT DETAIL

5. TYPICAL PIPE TRENCH DETAIL

6. SITE WALL CONSTRUCTION/ CONTROL JOINT DETAILS

7. NEW TO EXISTING SLAB DETAIL

8. WALL CONSTRUCTION JOINT DETAILS

9. THICKENED SLAB AT STAIR STRINGER

10. TYPICAL PERIMETER FROST WALL

11. FOUNDATION AT COLD FORM WALL DETAIL

12. STANDALONE PIER DETAIL

13. PIER DETAIL

14. CORNER PIER DETAIL

15. BEAM BEARING ON WALL DETAIL

FOUNDATION DETAILS

NOTES:

THE EXCLUSIVE PROPERTY OF IMEG CORP AND SHALL NOT BE USED OR
DRAWN FROM OR REPRODUCED FROM THE

GAGE BEAM

L4x4x3/8 STEEL ANGLE.

S3.00
1. **SLAB ON DECK OVER CONCRETE WALL DETAIL**

2. **SLAB ON GRADE TO SLAB ON DECK DETAIL**

3. **DECK SUPPORT ANGLE**

4. **CORRIDOR SLAB-TO-(E) WALL DETAIL**