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1. The structural drawings shall be coordinated with the electrical, mechanical and plumbing drawings and shall be approved by the architect.

2. The top of all masonry walls shall be in accordance with the requirements of the Connecticut State Code.


4. All joint柬埔寨shall be made with the ends of structural steel connections, electrical, and air conditioning systems.

5. The contractor shall coordinate the placement of all ductwork, conduits, and plumbing lines with the structural steel.

6. Sizing and locations of embedded mechanical and electrical equipment shall be reviewed and approved by the equipment manufacturer.

7. Masonry reinforcement splittings shall conform to ACI 530, Section 2.13. Compaction shall be done statically.

8. The structural drawings shall be coordinated with the mechanical, electrical, and plumbing drawings and shall be approved by the architect.

9. joists shall be designed for 15 lbs. per square foot loads, unless otherwise noted.

10. Welded wire reinforcement shall conform to the SDI "Specifications for Composite Connections to Steel Structures".

11. The contractor shall coordinate the placement of all ductwork, conduits, and plumbing lines with the structural steel.

12. All masonry, or cells adjacent to structural steel or bearing concrete masonry units conforming to ASTM C90 shall be shored during construction.

13. Where masonry is adjacent to structural steel, flexible sealant shall be used.

14. Masonry, or cells adjacent to structural steel or bearing concrete masonry units conforming to ASTM C90 shall be shored during construction.

15. All masonry, or cells adjacent to structural steel or bearing concrete masonry units conforming to ASTM C90 shall be shored during construction.

16. Concrete mix design with admixtures shall be designed for a minimum compressive strength of 6,000 psi.

17. All concrete reinforcement splittings shall be ACI 318, Section 11.6.6. Connections shall be slip-critical unless otherwise noted.

18. All concrete, or cells adjacent to structural steel or bearing concrete masonry units conforming to ASTM C90 shall be shored during construction.

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ISOLATION JOINT AT CORNER PIERS

CONSTRUCTION JOINT SHALL BE FORMED FULL DEPTH OF SLAB.

DOWELS OR DOWEL SLEEVES SHALL BE INSTALLED AND SECURED AGAINST DISPLACEMENT PRIOR TO POUR. DOWELS SHALL NOT BE INSTALLED AFTER POUR.

DOWEL SLEEVES SHALL BE USED ON ONE SIDE OF JOINT WITH OTHER SIDE EXPOSED TO CONCRETE.

JOINT FILLER AND SEALANT PER SPECIFICATION

PROVIDE BONDING AGENT BETWEEN POURS

DOWEL SLEEVE

1/3 T 2/3 T

1'-6" x ƒ" ~

SMOOTH STEEL DOWEL 12" O.C.

W.W.R. 4x4, W4.0xW4.0 MIN.

NOTES:

1) CONSTRUCTION JOINT SHALL BE FORMED FULL DEPTH OF SLAB.

2) DOWELS OR DOWEL SLEEVES SHALL BE INSTALLED AND SECURED AGAINST DISPLACEMENT PRIOR TO POUR. DOWELS SHALL NOT BE INSTALLED AFTER POUR.

4) DOWEL SLEEVES SHALL BE USED ON ONE SIDE OF JOINT WITH OTHER SIDE EXPOSED TO CONCRETE.

CORNER PIER SLAB ON GRADE ƒ" X ƒ"
CHAMFER

PERIMETER ISOLATION WITH APPROVED SEALANT AND PREFORMED JOINT SEALER

PERIMETER ISOLATION WITH APPROVED SEALANT AND PREFORMED JOINT SEALER

CONTRACTION JOINT SLAB ON GRADE

SLAB CONSTRUCTION JOINT

N.T.S.

TYP. CONCRETE CORNER DETAIL

TYP. SLAB ON GRADE ISOLATION JOINT

N.T.S.

N.T.S.

N.T.S.

N.T.S.

SLAB CONTROL JOINT

N.T.S.

CONTRACTION JOINT (TYP.)

ISOLATION AND CONTRACTION JOINTS AT PERIMETER PIERS

ISOLATION AND CONTRACTION JOINTS AT INTERIOR PIERS

ADDITIONAL REINFORCEMENT AT WALL PENETRATION (TYP.)

24" LAP (TYP.) ALL BARS WALL HOR. REBARS

CORNER BARS TO MATCH AND LAP WITH ALL HOR. BARS IN THE WALL. BAR SIZE TO BE SIMILAR WITH WALL REBARS.

24" LAP (TYP.) ALL BARS WALL HOR. REBARS

CORNER BARS TO MATCH AND LAP WITH ALL HOR. BARS IN THE WALL. BAR SIZE TO BE SIMILAR WITH WALL REBARS.

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CORNER BARS TO MATCH AND LAP WITH ALL HOR. BARS IN THE WALL. BAR SIZE TO BE SIMILAR WITH WALL REBARS.

CONCRETE DETAILS

MISCELLANEOUS
SHEET NO.

A.

YI

- Y

- R

REVISION DESCRIPTION

REV.

DATE

TP

CONT. BOND BEAM

SECTION

13x1803

9/11/2009

Plotted Date:

...

CTDOT_STRUCTURAL_GD.dgn

Filename:

MASONRY WALL DETAILS

5

- SCALE AS NOTED

ROOF DIAPHRAGM TO

SHEET NO.

OF WORK WHICH WILL BE REQUIRED.

DEPARTMENT OF TRANSPORTATION

THE CONDITIONS OF ACTUAL QUANTITIES

APPROVED BY:

DATE:

DRAWING TITLE:

TOWN:

DRAWING NO.

PROJECT  TITLE:

PROJECT NO.

SIGNATURE/

MATERIAL BLOCK:

N.T.S.

N.T.S.

SCALE 1"=1'-0"

N.T.S.

C

SCALE 1/2"=1'-0"

N.T.S.

C

SCALE 2"=1'-0"

SECTION (TYP.)

A

S-000

SCALE 1"=1'-0"

SECTION-METAL PANEL CONNECTION

TO C.M.U. WALL (TYP.)

SCALE 1"=1'-0"

SECTION (TYP.)

A

S-000

SCALE 1"=1'-0"

SECTION-METAL PANEL CONNECTION

TO C.M.U. PERIMETER WALL (TYP.)

SCALE 1"=1'-0"

SECTION (TYP.)

A

S-000

SCALE 1"=1'-0"

SECTION-METAL PANEL CONNECTION

TO C.M.U. INTERIOR WALL (TYP.)

SCALE 1"=1'-0"

SECTION (TYP.)

A

S-000

SCALE 1"=1'-0"

SECTION-METAL PANEL CONNECTION

TO C.M.U. INTERIOR WALL (TYP.)

SCALE 1"=1'-0"

SECTION (TYP.)

A

S-000

SCALE 1"=1'-0"

SECTION-METAL PANEL CONNECTION

TO C.M.U. INTERIOR WALL (TYP.)

SCALE 1"=1'-0"

SECTION (TYP.)

A

S-000

SCALE 1"=1'-0"

SECTION-METAL PANEL CONNECTION

TO C.M.U. INTERIOR WALL (TYP.)

SCALE 1"=1'-0"

SECTION (TYP.)

A

S-000

SCALE 1"=1'-0"

SECTION-METAL PANEL CONNECTION

TO C.M.U. INTERIOR WALL (TYP.)

SCALE 1"=1'-0"

SECTION (TYP.)

A

S-000

SCALE 1"=1'-0"

SECTION-METAL PANEL CONNECTION

TO C.M.U. INTERIOR WALL (TYP.)

SCALE 1"=1'-0"

SECTION (TYP.)

A

S-000

SCALE 1"=1'-0"

SECTION-METAL PANEL CONNECTION

TO C.M.U. INTERIOR WALL (TYP.)

SCALE 1"=1'-0"

SECTION (TYP.)

A

S-000

SCALE 1"=1'-0"

SECTION (TYP.)

A

S-000

SCALE 1"=1'-0"

SECTION (TYP.)

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SCALE 1"=1'-0"

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