# GENERAL STRUCTURAL NOTES

1. ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF ALL APPLICABLE STATE AND LOCAL CODES, INCLUDING BUT NOT LIMITED TO:
   - -IBC BUILDING CODE 2009 ED
   - -ANSI-ASCE 7-05
   - -ACI 318-05 "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE"
   - -ACI 301 "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS"
   - -AISC STEEL CONSTRUCTION MANUAL 9TH ED ASD
   - -AISI COLD FORMED STEEL DESIGN MANUAL, 2001
   - -ANSI-AF&PA NDS-2005
2. DESIGN LOADS
   FOUNDATION DESIGN BASED ON CORL BUILDING SYSTEMS DESIGN PLANS AND REPORTED COLUMN REACTIONS PROVIDED BY OTHERS.
   - 2.1. LATERAL - WIND: V=98MPH, EXP B, I=1.0, Kzt=1.0, GCPi=+/-0.18
   - 2.2. LATERAL - SEISMIC: Ss=0.31, S1=0.08, SITE=D, Sds=0.32, Sd1=0.128, I=1.0, SDC=B
3. CONTRACTOR SHALL BRING TO THE ATTENTION OF THE ENGINEER ANY CONDITIONS DIFFERENT FROM THOSE SHOWN ON THE DRAWINGS AND ALSO ANY CONDITIONS THAT PREVENT THE CONTRACTOR'S COMPLETION OF THE WORK AS SHOWN ON THE CONSTRUCTION DRAWINGS.
4. ALL WORK SHALL BE PERFORMED BY PERSONS QUALIFIED IN THEIR TRADE AND LICENSED TO PRACTICE SUCH TRADE IN THE STATE IN WHICH THE PROJECT IS LOCATED.
5. THESE DRAWINGS SHALL BE USED IN CONJUNCTION WITH ANY ARCHITECTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS, IN ADDITION TO SPECIFICATIONS AND ANY SHOP DRAWINGS PROVIDED BY SUBCONTRACTORS AND SUPPLIERS.
6. ALL DIMENSIONS, ELEVATIONS, AND CONDITIONS SHALL BE VERIFIED IN THE FIELD BY GENERAL CONTRACTOR (G.C.) AND ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER FOR CLARIFICATION BEFORE PROCEEDING WITH THE AFFECTED PART OF THE WORK.
7. UNLESS OTHERWISE NOTED, DETAILS, SECTIONS, AND NOTES SHOWN ON ANY DRAWING SHALL BE CONSIDERED TYPICAL FOR ALL SIMILAR DETAILS.
8. THESE DRAWINGS DO NOT SHOW SIZE, LOCATION OR TYPE OF OPENING IN THE FOUNDATION SYSTEM FOR ELECTRICAL, PLUMBING OR MECHANICAL EQUIPMENT. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING THESE ITEMS.
9. ALL SHOP DRAWINGS PROVIDED BY OTHERS SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW PRIOR TO FABRICATION OF MATERIAL OR THE PURCHASE OF NON-RETURNABLE STOCK. DIMENSIONAL REVIEW IS THE CONTRACTOR'S RESPONSIBILITY.

NOTES:
1. TOF INDICATES TOP OF FOOTING
2. TOC INDICATES TOP OF CONCRETE
3. TOP OF CONCRETE AND TOP OF FOOTING ELEVATIONS ARE REFERENCED FROM FINISHED FLOOR ELEVATION = 76.1' = (+0'-0")
4. —— UD —— INDICATES 4" SDR 35 PERFORATED PVC UNDERDRAIN (SHOWN SCHEMATICALLY) COORDINATE OUTLET LOCATION WITH SITE PLAN.
5. F.F. INDICATES FINISHED FLOOR
6. ADP, INC. RECOMMENDS CLEANOUTS AT EVERY OTHER CORNER OF FOUNDATION UNDERDRAIN.
7. SEE S3 FOR ADDITIONAL NOTES & SPECIFICATIONS
8. FOOTINGS ARE CENTERED ON COLUMN GRIDS, UNO.
9. SEE DETAIL SHEET S2 FOR PIER REINFORCING.
10. G.C. VERIFY REQUIRED WIDTH OF ALL FOUNDATION WALL BOND-OUTS FOR DOOR OPENINGS PRIOR TO CONSTRUCTION.
11. PROVIDE (2)½"Ø x 12" EMBED HEADED A307 ANCHOR BOLTS EA. SIDE OF FRAMED OPENINGS THROUGH EXTERIOR BUILDING WALLS.
12. COORDINATE FLOOR DRAIN LOCATIONS WITH ARCH AND MEP.
13. SAW CUT CONTROL JOINTS 1" DEEP AT 8'-0" O.C. MAX.

FOOTING SCHEDULE

| MARK | SIZE | BOTTOM REINFORCING |
|---|---|---|
| F3 | 3'-0"x3'-0"x12" | (4) #5'S E.W. |
| F4 | 4'-0"x4'-0"x12" | (5) #5'S E.W. |
| F5 | 5'-0"x5'-0"x12" | (6) #5'S E.W. |
| F6 | 6'-0x6'-0x11'-4" | (6) #6'S E.W. |

PIER SCHEDULE

| MARK | SIZE | REINFORCING |
|---|---|---|
| P1 | 12"x16" | SEE A3/S2 |
| P2 | 12"x12" | SEE B3/S2 |
| P3 | 12"x12" | SEE C3/S4 |

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PROJECT: 9,900 SF BUILDING
81 INDUSTRIAL WAY, PORTLAND, MAINE
FOR: DEERFIELD 91 INDUSTRIAL, LLC

SHEET TITLE: FOUNDATION PLAN
ISSUED FOR CONSTRUCTION

| REVISIONS | | | |
|---|---|---|---|
| No. | BY | DESCRIPTION | DATE |
| 1 | | | |
| 2 | | | |
| 3 | | | |
| 4 | | | |

DATE : 8/31/15
SCALE : 1/8"=1'-0"
DESIGN BY: ASW
DRAWN BY: RSC
FILE #:
PROJECT NUMBER: 15231
SHEET NO: S1

Reviewed for Code Compliance Inspection Services Approved as Noted
Date: 10/15/15