

FOOTING SIZE	FOOTING REBAR	PIER SIZE	PIER REBAR	ANCHOR BOLTS
3'-0" × 3'-0" × 1'-0"	4 #5 E.W BOTT.	12" × 12"	4 #4 VERT. WITH #3 HOOPS 12" O.C.	5/8" × 18"
3'-0" × 3'-0" × 1'-0"	4 #5 E.W BOTT.	12" × 12"	4 #6 VERT. WITH #3 HOOPS 12" O.C.	3/4" × 18"
4'-0" × 4'-0" × 1'-0"	5 #5 E.W BOTT.	30" × 24"	SEE DETAIL CI/F4	3/4" × 18"
4'-0" × 4'-0" × 1'-0"	5 #5 E.W BOTT.	16" × 24"	SEE DETAIL AI/F4	3/4" × 18"
	3'-0" × 3'-0" × 1'-0" 4'-0" × 4'-0" × 1'-0"	3'-0" X 3'-0" X 1'-0" 4 #5 E.W BOTT. 4'-0" X 4'-0" X 1'-0" 5 #5 E.W BOTT.	3'-0" X 3'-0" X 1'-0" 4 #5 E.W BOTT. 12" X 12" 4'-0" X 4'-0" X 1'-0" 5 #5 E.W BOTT. 30" X 24"	3'-0" X 3'-0" X 1'-0"



BISKUP CONSTRUCTION, INC.

14 DANIELLE DRIVE

15 UINDHAM, MAINE 04062

TEL. (201) 892-9800

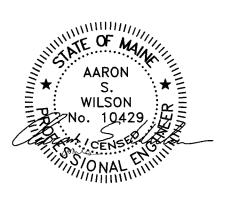
FAX. (201) 892-9895

WWW.BISKUPCONSTRUCTION.COM

ASSOCIATED DESIGN
PARTNERS INC.

80 Leighton Road Folmouth, Maine 04105 Fax: (207) 878-1751 (207) 878-1788 (207

AMP



STORAGE BUILDING
BROOKLAWN MEMORIAL PARM

REVISIONS

DATE DESCRIPTION

DATE: 9/29/2009

SCALE: 3/6" = 1'-0"

DESIGNER: JB

CHECKED BY: JB

BISKUP CONSTRUCTION, INC.

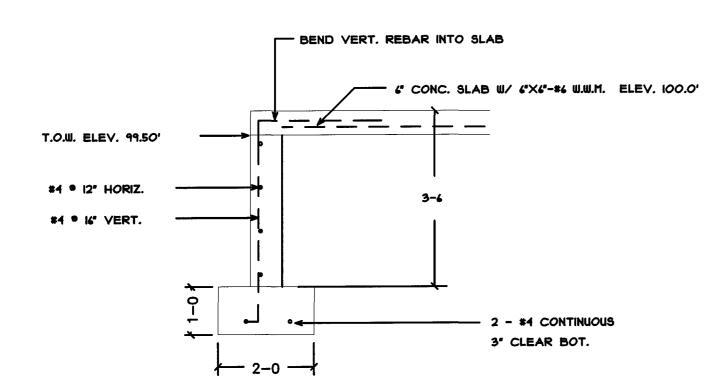
SHEET TITLE

FOUNDATION PLAN

SHEET NUMBER

F-I

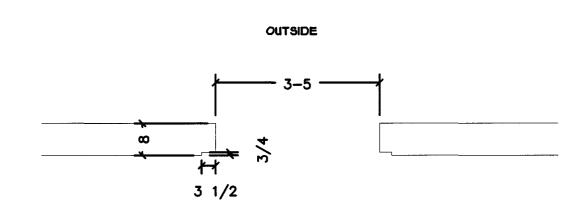
SHEET I OF 4



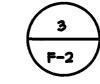
SECTION THRU DOOR OPENINGS

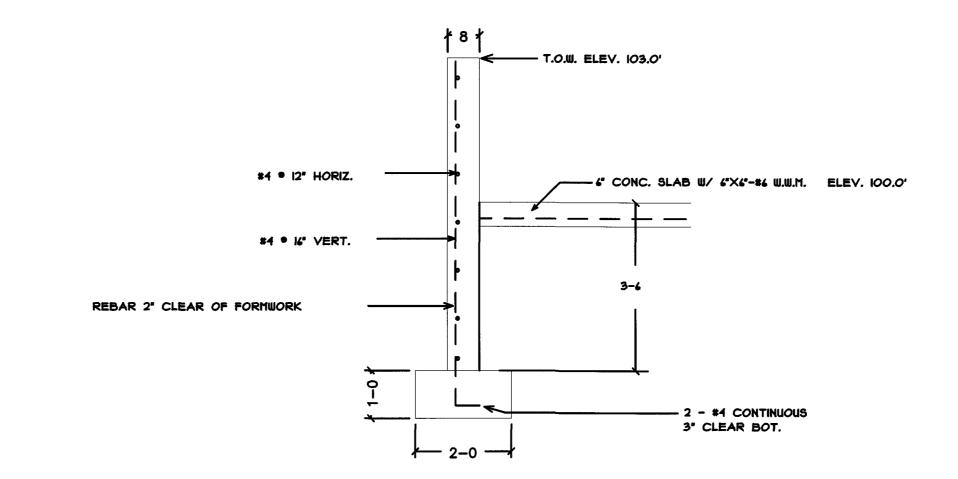
SCALE: 1/2"=1'-0"





TYPICAL PASS DOOR OPENING

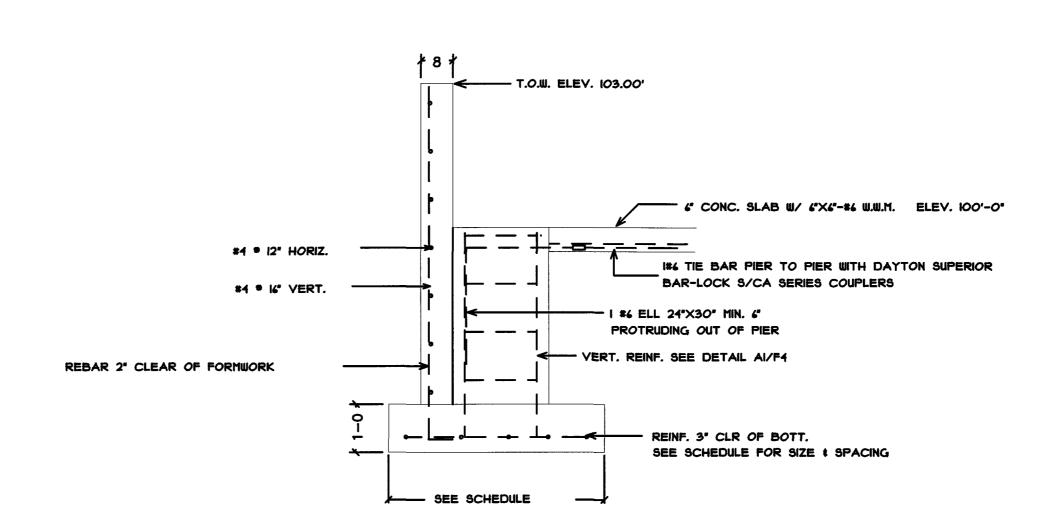




WALL SECTION

SCALE: 1/2"=1'-0"





WALL SECTION 9 PIERS



BISKUP CONSTRUCTION, INC.

LA DANIELLE DRIVE

WINDHAM, MAINE 04062

TEL. (201) 892-9800

FAX. (201) 892-9895

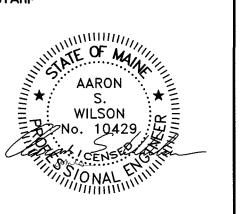
WWW.BISKUPCONSTRUCTION.COM

CONSULATANT

ASSOCIATED DESIGN
PARTNERS INC.

80 Leighton Road Followith, Maine 04105 Foi: (207) 878-1751 Foi: (207) 87

STAMP



STORAGE BUILDING
BROOKLAWN MEMORIAL PARK
PORTLAND, MAINE

REVISIONS				
DATE	DESCRIPTION			

DATE: 9/29/2009

SCALE: 1/2" = 1'-0"

DESIGNER: JB

CHECKED BY: JB

BISKUP CONSTRUCTION, INC.

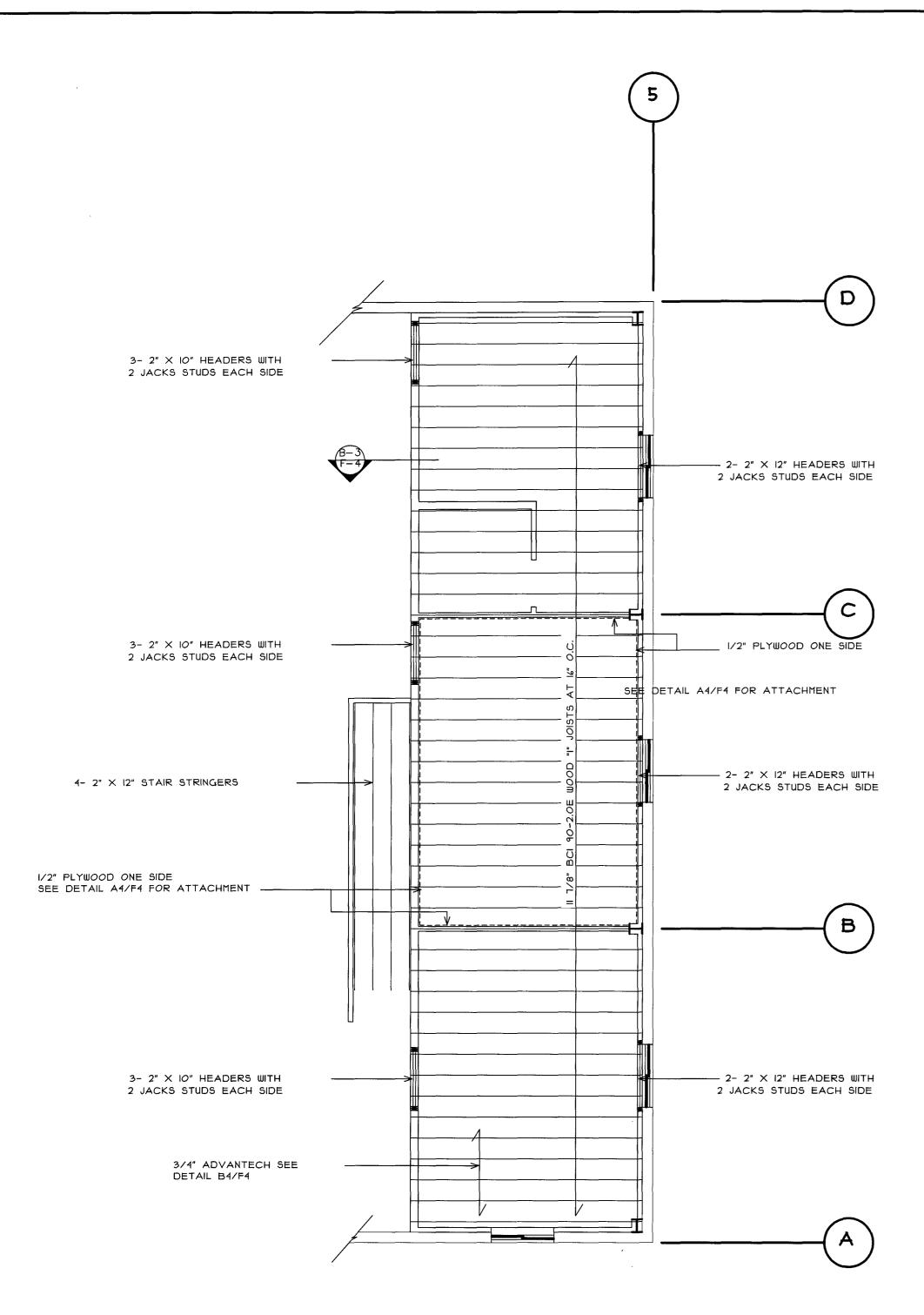
SHEET TITLE

FOUNDATION DETAILS

SHEET NUMBER

F-2

SHEET 2 OF 4



SECOND FLOOR FRAMING PLAN

SCALE: 3/16" = 1'-0"

CONCRETE NOTES

I. CODES:

COMPLY WITH THE FOLLOWING LATEST EDITIONS AND CURRENT AMENDMENTS:

- ACI 30 I "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS"
 ACI 318 "BUILDING CODE REQUIREMENTS FOR
- REINFORCED CONCRETE"

 1.3 CRSI "CONCRETE REINFORCING STEEL INSTITUTE, MANUAL OF STANDARD PRACTICE"

2. TESTING

2.1 LABORATORY TESTS. CONCRETE MIX DESIGN, FIELD FABRICATED CYLINDERS FOR COMPRESSIVE STRENGTH.
2.2 FIELD TESTS: PERFORM FIELD TESTS FOR SLUMP, AIR CONTENT AND TEMPERATURE. PREPARE CYLINDERS FOR COMPRESSION TESTING, #1 AT 7 DAYS AND #2 AT 28 DAYS.

4. MATERIALS:

- 4.1 REINFORCING STEEL: GRADE GO, ASTM 615, NEW
- DEFORMED BARS.
 4.2 REINFORCING FOR SLABS: SEE PLAN
 4.3 MIXING WATER SHALL BE POTABLE, FREE OF ANY
 SUBSTANCES THAT MAY BE DELETRIOUS TO THE
 CONCRETE OR REINFORCING STEEL.

5. CONCRETE:

5.1 INTERIOR SLABS:
-CEMENT SHALL BE ASTM 150, TYPE II PORTLAND CEMENT
-28 DAY COMPRESSIVE STRENGTH: 3000 PSI
-MAX. AGG. SIZE: 3/4"
-AIR CONTENT: NO AIR

-MAX WATER-CEMENT RATIO: 0.5 -AGGREGATE SHALL CONFORM TO ASTM C33

5.2 WALLS AND FOOTINGS:

-CEMENT SHALL BE ASTM 150, TYPE II PORTLAND CEMENT
-28 DAY COMPRESSIVE STRENGTH: 3000 PSI
-MAX. AGG. SIZE: 1 ½"

-AIR CONTENT: 5% + 1% BY VOLUME
-MAX WATER-CEMENT RATIO: 0.50
-AGGREGATE SHALL CONFORM TO ASTM C33

5.3 ADMIXTURES:

PROVIDE ADMIXTURES WHICH ARE CHEMICALLY COMPATIBLE FOR THEIR INTENDED USE. COMPLY WITH MANUFACTURER'S INSTRUCTIONS FOR USE. BASE DOSAGE RATES ON CEMENT CONTENT CALCIUM CHLORIDE IS NOT ALLOWED.

- 5.3.1 MID RANGE WATER REDUCERS EQUAL TO "MIRA 85" BY GRACE CONSTRUCTION PRODUCTS, ASTM C-494 TYPE B. 5.3.2 ACCELERATORS: EQUAL TO "DARASET 200" BY
- GRACE CONSTRUCTION PRODUCTS, ASTM C-494 TYPE C.

 5.3.3 AIR ENTRANING: EQUAL TO "DARAVAIR 1000" BY
 GRACE CONSTRUCTION PRODUCTS, ASTM C-260.

5.4 CONCRETE SURFACE COATINGS:

- 5.4.1 CURING COMPOUND: "KURE-N-SEAL" BY
- SONNEBORN, OR EQUAVALENT.
 5.4.2 BITUMINOUS DAMPPROOFING: EQUAL TO BRUSH
 GRADE FOUNDATION COATING BY EUCLID.

5.5 FORMS AND RELATED MATERIAL:

5.5.1 FORMS FOR CONCRETE SURFACES THAT WILL BE EXPOSED IN THE FINISHED BUILDING SHALL BE PLYFORM CLASS I, B-B EXTERIOR TYPE CONFORMING TO U.S. PRODUCT STANDARD PS I FORMS FOR CONCRETE SURFACES NOT EXPOSED INTHE FINISHED BUILDING MAY BE PLYFORM OR MATCHED LUMBER.
5.5.2 FORM OIL USED ON SURFACE OF FORMS SHALL BE

5.6 ALUMINUM PRODUCTS:

5.G.I NO ALUMINUM CONDUIT, PIPE, INSERTS, REGLETS, ETC. SHALL BE PLACED IN ANY CONCRETE, UNLESS COATED WITH BITUMINOUS DAMPPROOFING.

5.6.2 NO EQUIPMENT MADE OF ALUMINUM OR ALUMINUM ALLOYS SHALL BE USED FOR PUMP LINES, TREMIES OR CHUTES IN CONVEYING CONCRETE TO POINT OF PLACEMENT.

5.7 GROUT:

5.7.1 NON-SHRINK GROUT FOR USE UNDER COLUMN BASE PLATES AND BEAM BEARING PLATES SHALL BE EMBECO GROUT #885, PRE-MIXED, AS MANUFACTURED BY MASTER BUILDERS, OR APPROVED EQUIVALENT.

5.8 PREFORMED EXPANSION JOINT FILLER

5.8.1 A NON-EXTENDING AND RESILIENT BITUMINOUS TYPE JOINT FILLER, $\frac{1}{2}$ " THICK.

5.9 EMBEDDED ITEMS:

5.9.1 EMBEDDED ITEMS SUCH AS ANCHOR BOLTS, ETC., SHALL BE INSTALLED USING A TEMPLATE AND BE SECURELY HELD IN PLACE DURING CONCRETE PLACEMENT.

5.10 SPACERS, SUPPORTS AND FASTENERS.

5.10.1 FORM SPACERS, REINFORCING TIES AND CHAIRS, AND OTHER DEVICES NEEDED FOR PROPERLY SPACING, SUPPORTING, AND FASTENING REINFORCEMENET SHALL BE PROVIDED. CLAY BRICKS ARE NOT ALLOWED FOR USE AS SLAB STEEL BOLSTERS.

5.11 VAPOR BARRIER:

5.11.1 UNDERSLAB MOISTURE VAPOR BARRIER SHALL BE MADE OF A LAYER OF 6 MIL. POLYETHYLENE PLASTIC. PLACE VAPOR BARRIER AS SHOWN IN DETAIL ON F-2.

6. CONSTRUCTION PRACTICES:

6.1 REINFORCEMENT:

COMPLY WITH REQUIREMENTS OF CRSI, LATEST EDITION.

6.1.1 MINIMUM CONCRETE COVER: 3" FOR CONCRETE CASE AGAINST SOIL; 2" FOR OTHER CONCRETE, UNLESS OTHERWISE SHOWN.

6.2 DEVELOPMENT AND SPLICING:

PROVIDE DEVELOPMENT AND TENSION LAP SPLICE LENGTHS IN ACCORDANCE WITH THE FOLLOWING, UNLESS NOTED OTHERWISE ON PLANS:

DEVELOPMENT BAR SIZE	LENGTH*	CLASS C* LAP SPLICE
#4	12	16"
#5	12	20"
#6	15	26"
#7	21	36"
#8	28	48"

*INCREASE BY 30% FOR BARS SPACED <6".

CONCRETE NOTES CONT.

6.3 CHAMFERS:

6.4 JOINTS:

CHAMFER ALL EXPOSED EDGES AND CORNERS OF CONCRETE $\mbecksymbol{\mathcal{L}}$ " OR 1" SIMILAR THROUGHOUT.

6.4.1 CONSTRUCTION JOINTS: PLACE PERPENDICULAR TO THE MAIN REINFORCEMENT. CONTINUE REINFORCEMENT ACROSS CONSTRUCTION JOINTS. PROVIDE KEYWAYS AT LEAST I ½" (UNLESS OTHERWISE SHOWN) DEEP IN CONSTRUCTION JOINTS IN WALLS, SLAB, AND BETWEEN WALLS AND FOOTINGS. ACCEPTED BULKHEADS DESIGNED FOR THIS PURPOSE MAY BE USED IN SLABS. PROVIDE WATERSTOP WHERE INDICATED.

- 6.4.2 ISOLATION JOINTS: PROVIDE IN SLABS-ON-GRADE AT POINTS OF CONTACT BETWEEN SLABS-ON-GRADE AND VERTICAL SURFACES, SUCH AS FOUNDATION WALLS, GRADE BEAMS, COLUMN PEDESTALS, AND ELSEWHERE AS NECESSARY.
- 6.4.3 CONTRACTION (CONTROL) JOINT: PROVIDE IN SLABS-ON-GRADE BY USING INSERTS OR BY SAW CUTTING TO A DEPTH OF 1/4 THE SLAB THICKNESS. PROVIDE A ONE PART ELASTOMERIC JOINT SEALANT TO JOINT GROOVE, A MINIMUM OF GO DAYS AFTER SLAB PLACEMENT UNLESS OTHERWISE APPROVED.

6.5 CONCRETE MIXING:

G.5.1 READY-MIXED CONCRETE SHALL BE MIXED AND DELIVERED IN ACCORDANCE WITH THE

- REQUIREMENTS SET FORTH IN ASTM C94.
 6.5.2 ALL CONCRETE SHALL BE MIXED UNTIL THERE IS
 A UNIFORM DISTRIBUTION OF THE MATERIALS
 BEFORE DISCHARGE. THE MIXING SHALL BE
 CONTINUOUS AFTER THE WATER HAS BEEN
 ADDED TO THE MIX IN THE DRUM.
- 6.5.3 NO CONCRETE SHALL BE PLACED IN THE FORMS MORE THAN 90 MINUTES AFTER THE WATER HAS BEEN ADDED.
- 6.5.4 AFTER THE MAXIMUM WATER CEMENT RATIO HAS BEEN ACHIEVED, RETEMPERING OF THE CONCRETE WILL NOT BE ALLOWED, UNLESS APPROVED BY

6 6 CONCRETE PLACEMENT:

G.G. I DEPOSIT CONCRETE CONTINUOUSLY IN LAYERS NOT DEEPER THAN 24" OVER PREVIOUS LAYERS WHICH ARE STILL PLASTIC. AVOID COLD JOINTS. CONSOLIDATE CONCRETE BY MECHANICAL VIBRATING EQUIPMENT, SUPPLEMENTED BY HAND-SPACING, RODDING AND TAMPING. DO NOT USE MECHANICAL

VIBRATORS TO TRANSPORT CONCRETE.
6.6.2 HOT WEATHER PLACING: COMPLY WITH ACI
306, LATEST EDITION. MAINTAIN A FRESH
CONCRETE TEMPERATURE OF NOT LESS THAN
50°F AND NOT MORE THAN 80°F AT THE
POINT OF PLACEMENT.

6.7 CONCRETE CURING:

COMPLY WITH ACI 308, LATEST EDITION. COMPLY WITH ACI 306 FOR HOT WEATHER CONCRETING. PROVIDE A MINIMUM OF A 7 DAY CONTINUOUS MOISTURE CURE BY COVERING CONCRETE SURFACE WITH A WET ABSORPTIVE COVER; MAINTAIN SATURATED COVER CONDITION. ALTERNATIVE CURING METHODS WILL ONLY BE ALLOWED IF APPROVED BY ENGINEER CONTRACTOR WILL SUBMIT ALTERNATIVE CURING PRODUCTS AND METHODS FOR REVIEW AND APPROVAL. ALSO, MAINTAIN CONCRETE CURING TEMPERATURE ABOVE 50°.

- 6 7.1 SLABS: USE MOISTURE CURE OR CURING COMPOUND. APPLY CURING COMPOUND WITHIN 2 HOURS OF FINAL FINISHING BY SPRAY OR ROLLER. RECOAT AREAS SUBJECT TO HEAVY RAINFALL. DO NOT USE CURING COMPOUND ON SLABS WHICH WILL RECEIVE LIQUID FLOOR HARDENER OR OTHER FINISHES
- 6.7.2 FORMED SURFACES: CURE FORMED SURFACES WITH FORMS IN PLACE FOR ENTIRE CURING PERIOD.

 DURING COLD WEATHER CURING, PROVIDE CAST-IN THERMOMETERS FOR MONITORING CONCRETE CURING TEMPERATURE AT LOCATIONS AS DIRECTED BY ENGINEER. MAINTAIN A 50°F WITH USE OF INDIRECT HEAT OR INSULATIVE BLANKETS.
- 6.8 ANCHOR BOLTS. USE F1544 36KSI THREADED ROD WITH SIZE, AND LENGTH AS INDICATED ON PLANS.

WOOD FRAMING NOTES

- J STRUCTURAL LUMBER No 2 SPRUCE-PINE-FIR OR BETTER LAMINATED VENEER LUMBER (LVL): EQUIVALENT TO 2 OE 5 P MICRO-LAM BY TRUSS JOIST MACMILLAN 2 WOOD I-JOISTS TO BE SERIES 90 2.0E BY BOISE CASCADE, OR APPROVED EQUAL STRICTLY FOLLOW MANUFACTURERS REQUIREMENTS FOR HOLE LOCATIONS, WEB STIFFENERS, SOLID
- DESIGN CODES.

 A NATIONAL DESIGN SPECIFICATIONS FOR WOOD CONSTRUCTION BY THE NATIONAL FOREST PRODUCTS

BLOCKING, AND FASTENERS

ASSOCIATION

3. FASTENERS COMPLY WITH RECOMMENDED FASTENING
SCHEDULE OF THE IBC 2003 BUILDING CODE, UNLESS SHOWN
OTHERWISE ON THE DRAWINGS

EARTHWORK NOTES

- 1. SITE WORK AND CONCRETE CONTRACTORS ARE REQUIRED TO REVIEW THE ONSITE SUBSURFACE SOIL CONDITIONS WITH THE GEOTECHNICAL ENGEINEER AT THE START OF INITIAL CONSTRUCTION.
- 2. REMOVE ALL TOPSOIL AND UNCONTROLLED FILL FOR THE AREAS RECEIVING BUILDING FOUNDATIONS.
- 3. BACKFILL TO THE NECESSARY SUBGRADES REQUIRED ON THE STRUCTURAL FOUNDATION PLANS WITH CONTROLLED STRUCTURAL FILL MATERIAL MEETING THE GRADATION SPECIFIED IN THE GEOTECHNICAL REPORT.
- 4. PLACE CONTROLLED STRUCTURAL FILL IN UNIFORM LIFTS AND COMPACT TO A MINIMUM OF 95% OF THE MAXIMUM DENSITY IN ACCORDANCE WITH ASTM D1557 "MODIFIED PROCTOR DENSITY" AND AS RECOMMENDED IN THE GEOTECHNICAL REPORT.
- DENSITY" AND AS RECOMMENDED IN THE GEOTECHNICAL REPORT.

 5. PROVIDE SITE GRADING AROUND THE PERIMETER OF THE BUILDING TO PROVIDE POSITIVE DRAINAGE AWAY FROM THE
- 6. MAINTAIN THE INTEGRITY OF NATURAL SOILS AND CONTROLLED STRUCTURAL FILLS DURING CONSTRUCTION IN ACCORDANCE WITH THE GEOTECHNICAL REPORT. PROTECT FOOTING AND STRUCTURE SUBGRADES AGAINST FREEZING AND EXCESSIVE WETTING. REMOVE AND REFILL FROZEN SUBGRADES, MOISTURE CONDITION, OR REPLACE EXCESSIVELY WET SUBGRADE MATERIALS.
- 7. NOTIFY ENGINEER OR GEOTECHNICAL FIELD TECHNICIAN TO OBSERVE SUBGRADES PRIOR TO PLACING FOOTINGS. FOOTINGS ARE DESIGNED FOR A MIN. SOIL BEARING CAPACITY OF 3000PSF PER S.W. COLE GEOTECH REPORT 10-28-08
- 10-28-08.

 8. CONTRACTOR SHALL IMMEDIATELY NOTIFY ENGINEER IF LEDGE
- IS ENCOUNTERED TO DETERMINE PINNING REQUIREMENTS.

 9. ALL FOOTINGS SHALL EXTEND A MINIMUM OF 4'-6" BELOW EXTERIOR FINISHED GRADE, OR BE DOWELED TO LEDGE

FOUNDATION DURING AND AFTER CONSTRUCTION .

- I O. PROOF ROLL SUBGRADE PRIOR TO SLAB CONSTRUCTION.
 PROVIDE STRUCTURAL FILL MEETING THE GRADATION
 SPECIFIED IN THE GEOTECH REPORT FOR FILL MATERIALS BELOW THE SLAB.
- 12. CONTRACTOR IS REQUIRED TO CONFORM TO OSHA (29 PART 1926.650-652) SUBPART P "CONSTRUCTION STANDARD FOR EXCAVATIONS".

GENERAL STRUCTURAL NOTES

- I. ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF ALL APPLICABLE STATE AND LOCAL CODES, INCLUDING BUT NOT
- LIMITED TO:
 -INTERNATIONAL BUILDING CODE 2003 ED
- -ANSI-ASCE 7-05 -ACI 3 | 8-05 "BUILDING CODE REQUIREMENTS FOR
- REINFORCED CONCRETE"

 -ACI 30 I "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS"
- BUILDINGS"
 -AISC STEEL CONSTRUCTION MANUAL, 9TH ED. ASD
 -ANSI-AF¢PA NDS-2005
- ROOF DESIGN LOADS: METAL BUILDING COLUMN REACTIONS PROVIDED BY METAL BUILDING FABRICATOR
- 3. FLOOR DESIGN LOADS: 125 PSF LIGHT WAREHOUSE STORAGE 50PSF OFFICE AREA
- 4. WIND LOADS:
 METAL BUILDING COLUMN REACTIONS PROVIDED BY METAL BUILDING FABRICATOR:
- V=94MPH, I=1.0, EXP. B, Pv=22.62 PSF, GCpi=+/- 0.18
 4. SEISMIC LOADS:
 METAL BUILDING COLUMN REACTIONS PROVIDED BY METAL BUILDING FABRICATOR:
- S=0.317, S1=0.077, Sds=0.32, Sd1=0.12, SDC=B, SOIL=D.

 CONTRACTOR SHALL BRING TO THE ATTENTION OF THE ENGINEER
 ANY CONDITIONS DIFFERENT FROM THOSE SHOWN ON THE
- CONTRACTOR'S COMPLETION OF THE WORK AS SHOWN ON THE CONSTRUCTION DRAWINGS.

 6. ALL WORK SHALL BE PERFORMED BY PERSONS QUALIFIED IN

DRAWINGS AND ALSO ANY CONDITIONS THAT PREVENT THE

THEIR TRADE AND LICENSED TO PRACTICE SUCH TRADE IN THE STATE IN WHICH THE PROJECT IS LOCATED.

7. 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.

 8. 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
- ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER FOR CLARIFICATION BEFORE PROCEEDING WITH THE AFFECTED PART OF THE WORK.

 9. UNLESS OTHERWISE NOTED, DETAILS, SECTIONS, AND NOTES
- SHOWN ON ANY DRAWING SHALL BE CONSIDERED TYPICAL FOR ALL SIMILAR DETAILS.

 10. 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.

 1. 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.

12. USE PERIMETER DRAINS WHERE SHOWN. GRAVITY DRAIN TO

DAYLIGHT DISCHARGE OR STORMWATER COLLECTION SYSTEM.



BISKUP CONSTRUCTION, INC.

K DANIELLE DRIVE

WINDHAM, MAINE 04062

TEL. (201) 892-9800

FAX. (201) 892-9895

ASSOCIATED DESIGN

PARTNERS INC.

TE OF MA

AARON

WILSON

₯No. 10,429

WWW.BISKUPCONSTRUCTION.COM

CONSULATANT

STAMP

REVISIONS

DATE DESCRIPTION

DATE: 9/29/09
SCALE: AS NOTED
DESIGNER: ASW
CHECKED BY: JB

BISKUP CONSTRUCTION, INC.

SHEET TITLE

O COPYRIGHT

FRAMING NOTES

SHEET NUMBER

F-3

SHEET 3 OF 4

