

FOR #5 & SMALLER

CLASS B SPLICE SCHEDULE

CONCRETE f' IN PSI

41" | 32" | 37" | 29" | 32" | 25" | 29" | 22"

47" | 56" | 43" | 48" | 37" | 43" |

89" | 69" | 81" | 63" | 70" | 54" | 63" | 49"

| 102" | 79" | 93" | 72" | 80" | 62" | 72" | 55"

| 144" | 111" | 131" | 101" | 113" | 87" | 101" | 78"

2. FOR EPOXY-COATED BARS OR WIRES WITH COVER LESS THAN 3db OR CLEAR

SPACING LESS THAN 6db, INCREASE LAP LENGTH 50%. FOR ALL OTHER

 129"
 100"
 118"
 91"
 102"
 79"
 91"

1. INCREASE LAP LENGTHS 30% FOR LIGHT-WEIGHT CONCRETE.

INCHES OF FRESH CONCRETE CAST BELOW THEM.

4. LAP_LENGTHS MAY BE USED WITH GRADE 40 [300KPA] OR

CONCRETE REINF. BAR SPLICES NO SCALE

EPOXY-COATED BARS OR WIRES, INCREASE LAP LENGTH 20%

3. "TOP BARS" ARE HORIZONTAL BARS PLACED WITH MORE THAN 12

115" | 89" | 105" | 81" | 91" | 70" | 81" | 63"

| 24" | 28" | 22" | 24" | 19" | 22" | 17'

| 40" | 47" | 36" | 40" | 31" | 36" | 28"

COLUMN TIES

NOTE: SPLICES FOR SUCCESSIVE TIES TO BE PLACED AT ALTERNATE CORNERS OF COLUMN.

4d OR

d = (1) BAR DIA.

4,000 | 5,000

D = 6d FOR #3 TO #8 BARS

D = 8d FOR #9 TO #11 BARS

ACI 180°

HOOK

2~8" MIN.

ACI 90°

HOOK

FOR #5 🥆

& SMALLER (

6 MAX.

BAR

SIZE

BEAM STIRRUP

SEE SCHED.

BEND & LAP SPLICE

60 [420KPA].

WIRE TOGETHER

2,500 | 3,000

- 2x STUDS @ 16" O.C. ----5/8" DIA. x 12" A.B. — @ 48" O.C., U.N.O. "HILTI" DN72S36 @ 32" O.C. 1/2" GROUT #3 CON1 CONC. SLAB -#3 DOWEL @ 24" O.0 W/ STD. HOOK @ BOT. NO SCALE

NON-BEARING/NON-SHEAR WALL

STATEMENT OF SPECIAL INSPECTIONS

- IN ACCORDANCE WITH CHAPTER 17 OF THE 2010 OREGON STRUCTURAL S.C., THE OWNER SHALL EMPLOY A SPECIAL INSPECTOR WHO SHALL PROVIDE INSPECTION DURING CONSTRUCTION ON THE FOLLOWING TYPES OF WORK:
 - A. STRUCTURAL CONCRETE AS FOLLOWS (ONLY AT ROOF AND WALLS): 1) DURING THE TAKING OF TEST SPECIMENS. A MINIMUM OF 4 CYLINDERS SHALL BE TESTED TO
 - VALIDATE THE REQUIREMENTS OF THE MIX DESIGN. 2) PERIODIC INSPECTION OF REINFORCING BAR PLACEMENT.
 - B. STRUCTURAL STEEL AS FOLLOWS: 1) SHOP WELDING, UNLESS DONE IN AN APPROVED SHOP. FIELD WELDING.
 - C. STRUCTURAL MASONRY (VOBB) AS FOLLOWS: 1) PERIODIC INSPECTION OF REINFORCING BAR PLACEMENT. 2) OTHER REQUIREMENTS, IF ANY, BY MANUFACTURER.
- FOUNDATIONS SHALL BE INSPECTED BY THE SOILS ENGINEER JUST PRIOR SOIL, ARE OF PROPER DIMENSIONS, AND ARE CLEAN AND FREE FROM
- SPECIAL INSPECTOR'S BACKGROUND AND QUALIFICATIONS SHALL BE FORWARDED TO THE ENFORCEMENT AGENCY FOR APPROVAL AT LEAST 3
- DAYS BEFORE ANY INSPECTIONS ARE MADE. INSPECTORS SHALL SUBMIT THEIR REPORTS DIRECTLY TO THE ENFORCEMENT AGENCY WITH COPIES TO THE STRUCTURAL ENGINEER, GENERAL CONTRACTOR
- APPROVAL BY THE INSPECTOR DOES NOT MEAN APPROVAL OF FAILURE TO COMPLY WITH THE PLANS OR SPECIFICATIONS. ANY WORK TO BE DONE OR ANY MATTER RELATIVE THERETO THAT IS NOT SUFFICIENTLY DETAILED OR EXPLAINED ON THESE PLANS, THE CONTRACTOR SHALL CONTACT THE ARCHITECT FOR SUCH FURTHER EXPLANATIONS AS MAY BE
- CONCRETE MIX DESIGN FOR ROOF AND WALLS SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW, SUBJECT TO THE REQUIREMENTS OF ACI 318-08.

STRUCTURAL STEEL NOTES

- ALL STRUCTURAL STEEL SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH AISC'S "SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS (LATEST EDITION)" AND AISC'S "CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES (LATEST EDITION)
- UNLESS NOTED OTHERWISE, ALL "W" SHAPES SHALL BE ASTM A572, GRADE 50 (MINIMUM YIELD STRENGTH = 50 KSI). ALL OTHER SHAPES, PLATES AND BARS SHALL CONFORM WITH ASTM A36 WITH A MINIMUM YIELD STRENGTH OF 36 KSI
- PIPE SHALL CONFORM TO ASTM A53, GRADE B. STRUCTURAL TUBING SHALL CONFORM TO ASTM A500, GRADE B.
- UNLESS NOTED OTHERWISE, ALL UNFINISHED BOLTS SHALL CONFORM
- UNLESS NOTED OTHERWISE, FIELD CONNECTIONS SHALL BE BOLTED USING TWO 3/4" DIAMETER UNFINISHED BOLTS MINIMUM.
- 6. ALL STUD BOLTS SHALL BE NELSON STUDS OR EQUIVALENT AND SHALL BE INSTALLED BE A LICENSED FABRICATOR.
- WHERE USED ON PROJECT, HIGH STRENGTH BOLTS SHALL BE INSTALLED IN ACCORDANCE WITH "SPECIFICATIONS FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS", AS APPROVED BY THE RESEARCH COUNCIL ON STRUCTURAL CONNECTIONS OF THE ENGINEERING FOUNDATION, LATEST
- PROVIDE BEVELED WASHERS ON ALL CONNECTIONS TO SLOPING FLANGES OF "W" SECTIONS AND CHANNELS.
- ALL WELDING SHALL BE DONE BY OHALLELED WELDERS LISING A PREAPPROVED PROCESS. ALL WELDS SHALL BE UNIFORM IN SIZE AND APPEARANCE, AND FREE OF PINHOLES, POROSITY, UNDERCUTTING OR OTHER DEFECTS. ALL BUTT WELDS SHALL BE FULL PENETRATION.
- 10. ALL WELDING SHALL COMPLY WITH THE REQUIREMENTS OF AWS D1.1 (LATEST EDITION). JOINT DETAILS SHALL COMPLY WITH AWS REQUIREMENTS FOR JOINTS ACCEPTED WITHOUT QUALIFICATION TESTS.
- 11. ALL BUTT WELDS SHALL BE COMPLETE PENETRATION.
- 12. ALL STEEL SHALL BE THOROUGHLY CLEANED, REMOVING ALL LOOSE MILL SCALE, GREASE, DIRT AND FOREIGN MATTER BY SCRAPING OR SANDBLASTING, APPLY ONE COAT OF SHOP PRIME (2 MIL DFT). DO NOT SHOP PAINT MEMBERS OR PORTIONS OF MEMBERS TO BE EMBEDDED IN CONCRETE OR MORTAR PAINT EMBEDDED STEEL WHICH IS PARTIALLY EXPOSED ON EXPOSED PORTIONS AND INITIAL 2 INCHES OF EMBEDDED PORTIONS ONLY. DO NOT PAINT SURFACES WHICH ARE TO BE
- 13. PRIMER: SSCP PAINT 13. CONFIRM WITH FINAL PAINTING REQUIREMENTS.
- 14. OPENINGS SHALL NOT BE PLACED IN STEEL MEMBERS UNLESS SPECIFICALLY DETAILED. STEEL MEMBERS SHALL BE SHORED WHEN PERMISSIBLE HOLES ARE CUT WITH TORCH AFTER STEEL IS ERECTED THE SHORES SHALL REMAIN IN PLACE UNTIL STEEL TEMPERATURE HAS RETURNED TO AIR TEMPERATURE
- 15. TEMPORARY SUPPORTS AND BRACING REQUIRED FOR THE ERECTION OPERATION OF ALL STRUCTURAL STEEL MEMBERS SHALL BE DESIGNED, FURNISHED AND
- 16. STEEL FABRICATOR SHALL VERIFY ALL DIMENSIONS WITH ARCHITECTURAL AND STRUCTURAL DRAWINGS AND SHALL COORDINATE WITH MECHANICAL SUBCONTRACTOR FOR THE SIZE, LOCATION AND DIMENSIONS OF MECHANICAL UNITS & OPENINGS.

FOUNDATION NOTES

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INSTALLED BY THE ERECTOR.

- ALL SITE PREPARATION SHALL BE COMPLETED IN STRICT ACCORDANCE WITH RECOMMENDATIONS FOR A "HIGHER BEARING CAPACITY" NOTED IN GEOTECHNICAL INVESTIGATION BY "FEI TESTING AND INSPECTION" (4-3-12). ADDITIONALLY SEE NOTE No. 4 BELOW AND FOLLOW SITE PREPARATION REQUIREMENTS BY "EARTH SHELTERED TECHNOLOGY"
- ANY EXISTING FILL AT THE BUILDING PAD SHALL MEET THE 95% COMPACTION REQUIREMENTS. ALL ORGANIC MATERIAL, RUBBLE OR OTHER

DELETERIOUS MATERIAL SHALL BE REMOVED FROM THE SITE.

- NOMINAL TOP OF FLOOR SLAB ELEVATION = DATUM +0'- 0" UNLESS NOTED
- ACCORDING TO REPORT IDENTIFIED IN NOTE No. 1 ABOVE, ALL FOOTINGS SHALL EXTEND BELOW THE SILTY SAND LAYER TO BEAR DIRECTLY ON THE CEMENTED GRAVEL OR UNDERLYING BASALT. REFER TO REPORT FOR LEVELING COURSE SPECIFICATION IF IT IS NECESSARY FOR UNIFORM BEARING.
- FOUNDATION DESIGN IS BASED ON ALLOWABLE VALUES PER THE GEOTECHNICAL REPORT REFERENCED IN NOTE No. 1 ABOVE AND ASSOCIATED PROPERTIES: ALLOW. FOUND. PRESSURE: 4,000 PSF (BASIC) ALLOW. LATERAL BEARING: 300 PCF ALLOW. COEF. OF FRICTION: 0.35 ACTIVE SOIL PRESSURE: 35 PCF AT-REST SOIL PRESSURE: 50 PCF

CONCRETE NOTES

- 1. THE QUALITY, DESIGN AND PLACEMENT OF CONCRETE SHALL BE IN ACCORDANCE WITH CHAPTER 19 OF THE 2010 OREGON STRUCTURAL SPECIALTY CODE, EXCEPT ITEMS NOT SPECIFICALLY COVERED THEREIN SHALL ALSO CONFORM TO ACI 318-08. MAXIMUM SLUMP SHALL BE 5 INCHES.
- 2. UNLESS NOTED OTHERWISE, ALL CONCRETE SHALL HAVE A MINIMUM ULTIMATE

FOOTINGS, WALLS, PIERS AND SLABS..... EARTH SHELTERED DOME AND WALLS...... 4000 PSI

COMPRESSIVE STRENGTH IN 28 DAYS AS FOLLOWS:

SPECIAL INSPECTION IS REQUIRED FOR PLACEMENT OF CONCRETE IN ACCORDANCE WITH NOTES ON THESE DRAWINGS.

- 3. THE QUALITY AND QUANTITY OF MATERIALS USED IN TRANSIT-MIXED CONCRETE AND IN BATCHED AGGREGATES SHALL BE CONTINUOUSLY INSPECTED AT THE LOCATION WHERE MATERIALS ARE MEASURED BY AN APPROVED SPECIAL INSPECTOR. BATCH PLANT INSPECTION MAY BE WAIVED PROVIDED THE BATCHING PLANT IS IN FULL COMPLIANCE WITH THE REQUIREMENTS OF ASTM C-94, SECTION 8 AND 9, AND HAS A CURRENT CERTIFICATE FROM THE NATIONAL READY MIX CONCRETE ASSOCIATION OR ANOTHER AGENCY ACCEPTABLE TO THE ENFORCEMENT AGENCY. THE CERTIFICATION SHALL INDICATE THAT THE PLANT HAS AUTOMATIC BATCHING AND RECORDING CAPABILITIES.
- 4. NO ADMIXTURES SHALL BE ADDED TO THE MIX DESIGN WITHOUT PRIOR APPROVAL OF THE ENGINEER.
- 5. ALL EXPOSED INTERIOR CONCRETE FLOORS ARE TO RECEIVE A STEEL TROWELED FINISH.
- 6. UNLESS NOTED OTHERWISE, ALL EXPOSED EXTERIOR CONCRETE SLABS ARE TO RECEIVE A MEDIUM BROOM FINISH.
- 7. FORMS FOR PERMANENTLY EXPOSED SURFACES SHALL PRODUCE A SMOOTH, EVEN, LEVEL FINISH WITHOUT FINS. UNLESS NOTED OTHERWISE, THE TOP OF ALL EXPOSED FOOTINGS, PIERS AND COLUMNS SHALL RECEIVE A SMOOTH TROWELED FINISH.
- 8. UNLESS NOTED OTHERWISE, ALL EXPOSED EDGES OF CONCRETE SURFACES SHALL RECEIVE A $\frac{3}{4}$ " MINIMUM CHAMFER OR A $\frac{1}{2}$ " MINIMUM TOOLED RADIUS.
- 9. ALL CONCRETE SHALL BE THOROUGHLY CONSOLIDATED BY SUITABLE MEANS DURING PLACEMENT AND SHALL BE THOROUGHLY WORKED AROUND REINFORCEMENT, ANCHOR BOLTS, OTHER EMBEDDED ITEMS AND INTO THE CORNERS OF FORMS. ANY "HONEYCOMB" CONCRETE AND/OR ROCK POCKETS SHALL BE REMOVED AND REPLACED WITH SOUND
- 10. ALL CONCRETE FLATWORK SHALL BE WET CURED BY MIST CURING, BY MOISTURE-RETAINING CURING, OR BY COMBINATIONS THEREOF IN ACCORDANCE WITH ACI 301 PROCEDURES. KEEP CONTINUOUSLY MOIST FOR NOT LESS THAN 7 DAYS AFTER THE FINISHING OPERATION IS COMPLETE. ALTERNATELY, A CURING COMPOUND MEETING ASTM C-309 TYPE 1, CLASS B AND AASHTO M-148, TYPE 1 SPECIFICATIONS AND ALL PERTINENT REQUIREMENTS OF THE REGULATING AGENCY.
- 11. REINFORCING STEEL SHALL BE DEFORMED-BILLET STEEL CONFORMING TO ASTM A615/A615M-06A AS FOLLOWS, UNLESS NOTED OTHERWISE:

#3 (11 MM) AND SMALLER...... .. GRADE 40 (GRADE 300) #4 (13 MM) AND LARGER..... GRADE 60 (GRADE 420)

LATEST EDITION. TACK WELDING IS NEVER ALLOWED.

FABRICATING DETAILS SHALL CONFORM TO ACI 315, "ACI DETAILING MANUAL" AND CRSI "MANUAL OF STANDARD PRACTICE".

- 12. ALL WELDING OF REINFORCING STEEL SHALL BE WITH LOW HYDROGEN ELECTRODES UNLESS OTHERWISE NOTED. WELDING OF REINFORCING IS ALLOWED ONLY WHERE SHOWN ON THE DRAWINGS AND SHALL BE IN ACCORDANCE WITH SPECIFICATIONS PER AWS D1.4,
- 13. ALL REINFORCING STEEL, ANCHOR BOLTS, DOWELS AND OTHER INSERTS SHALL BE WELL SECURED IN POSITION PRIOR TO PLACING CONCRETE. ALL FASTENERS EMBEDDED IN CONCRETE SHALL BE ATTACHED TO OR HOOKED AROUND REINFORCING STEEL OR OTHERWISE SECURED AS DETAILED IN THESE DRAWINGS.
- 14. UNLESS OTHERWISE NOTED, ALL REINFORCING SHALL HAVE A MINIMUM CONCRETE COVER AS FOLLOWS:

SURFACES POURED AGAINST EARTHFORMED SURFACES EXPOSED TO GROUND OR WEATHER:	. 3 INCHES
#5 AND SMALLER#6 AND LARGER	
FORMED CONCRETE NOT EXPOSED TO GROUND OR WEATHER	3 INCH
BEAMS, JOISTS & GIRDERS	$1\frac{1}{2}$ INCHES
COLUMNS	1

- 15. WHERE GROUT IS SPECIFIED ON THE DRAWINGS USE A HIGH STRENGTH, NON-SHRINK, NON-METALLIC GROUT. USE MASTERBUILDERS "MASTER-FLOW 713 GROUT" OR APPROVED SUBSTITUTE.
- 16. NO PIPES OR DUCTS SHALL BE PLACED IN CONCRETE WALLS OR SLAB UNLESS SPECIFICALLY DETAILED.
- 17. CONCRETE SHALL NOT BE PLACED UNTIL ALL THE FORMS AND REINFORCING HAVE BEEN INSPECTED. ALL PREPARATIONS FOR THE PLACEMENT HAVE BEEN COMPLETED AND THE PREPARATIONS HAVE BEEN CHECKED BY THE PROJECT SPECIAL INSPECTOR.
- 18. UNLESS OTHERWISE REQUIRED BY THE PROJECT SPECIFICATIONS, CONCRETE MIXES SHALL BE BASED ON EXISTING, APPROVED COMPRESSIVE STRENGTH TEST DATA AVAILABLE FROM AN APPROVED TESTING LABORATORY WHERE A STANDARD DEVIATION HAS BEEN ESTABLISHED IN ACCORDANCE WITH ACI 318-08.

GENERAL NOTES

- 1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE WORK OF ALL TRADES AND SHALL VERIFY ALL DIMENSIONS, CONDITIONS AND ELEVATIONS BEFORE STARTING WORK. ALL DISCREPANCIES SHALL BE CALLED TO THE ATTENTION OF THE ARCHITECT AND ENGINEER AND SHALL BE RESOLVED BEFORE PROCEEDING WITH THE WORK. ALL WORK SHALL BE PERFORMED IN A WORKMANLIKE MANNER IN ACCORDANCE WITH ACCEPTED CONSTRUCTION PRACTICES.
- 2. ALL CONSTRUCTION SHALL BE COMPLETED ACCORDING TO THE REQUIREMENTS OF THE 2010 OREGON STRUCTURAL SPECIALTY CODE AND OTHER RELEVANT CODES AND STANDARDS.
- 3. THE DETAILS ON THESE DRAWINGS SHALL APPLY IN ALL CASES UNLESS SPECIFICALLY SHOWN OTHERWISE. WHERE CONDITIONS ARE NOT SPECIFICALLY INDICATED, DETAILS OF A CHARACTER SIMILAR TO THOSE SHOWN SHALL BE USED, SUBJECT TO REVIEW.
- 4. FOR OPENINGS NOT SHOWN AND/OR DETAILED ON THE STRUCTURAL DRAWINGS AND WHICH PENETRATE STRUCTURAL ELEMENTS, OBTAIN APPROVAL FROM THE ENGINEER BEFORE PROCEEDING WITH WORK.
- 5. IT IS THE INTENTION OF THESE DRAWINGS TO PROVIDE FOR THE FOLLOWING CONTINUITIES:
- A. ALL ROOF AND FLOOR STRUTS SHALL BE CONTINUOUSLY CONNECTED FOR THE
- LENGTH OF THE ROOF OR FLOOR SYSTEM B. ALL WALL BRACING AND/OR SHEAR PANELS SHALL BE CONNECTED TO THE ROOF AND/OR FLOOR STRUTS.

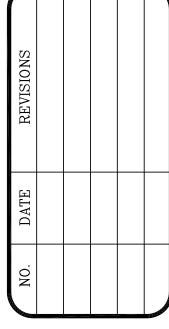
IF DETAILS REQUIRED TO EFFECT THESE CONTINUITIES ARE NOT EVIDENT ON THE DRAWINGS THE CONTRACTOR SHALL CONTACT THE ENGINEER FOR CLARIFICATION.

- 6. ALL EXTERIOR GLAZING AND FRAMES SHALL BE DESIGNED TO RESIST WIND LOADS FOR 90 MPH BASIC WIND SPEED (3-SECOND GUST), EXPOSURE C, 2010 OREGON STRUCTURAL SPECIALTY CODE.
- 7. FRAME OPENINGS AND SUPPORT MISCELLANEOUS EQUIPMENT AS DETAILED ON THE DRAWINGS. WHERE NO DETAILS ARE PROVIDED, OBTAIN APPROVAL FROM THE ENGINEER BEFORE PROCEEDING WITH WORK.
- 8. IT IS THE INTENTION OF THESE DRAWINGS TO SHOW THE COMPLETED INSTALLATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TEMPORARY BRACING, SHORING, TIES, FRAMEWORK, ETC. AS REQUIRED TO COMPLETE THE INSTALLATION IN ACCORDANCE WITH THESE DRAWINGS AND PROJECT SPECIFICATIONS.
- 9. THE CONTRACTOR SHALL USE ADEQUATE NUMBERS OF SKILLED WORKMEN WHO ARE THOROUGHLY TRAINED AND EXPERIENCED IN THE NECESSARY CRAFTS AND WHO ARE COMPLETELY FAMILIAR WITH THE SPECIFIED REQUIREMENTS AND METHODS NEEDED FOR PROPER PERFORMANCE OF THE WORK.
- 10. CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO INDEMNIFY AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONAL

GOVERNING CODE 2010 OREGON STRUCTURAL SPECIALTY CODE DESIGN LOADS:

ROOF LIVE LOAD 20 PSF (REDUCIBLE) FLOOR LIVE LOAD 90 MPH BASIC (3-SEC. GUST), EXP. C, I=1.0 WIND LOAD SDS=0.393, SDI=0.230, SITÉ CLASS D SEISMIC LOAD. DESIGN SOIL PRESSURE. SEE FOUNDATION NOTES SOIL LOAD ATOP ROOF 250 PSF (MIN)/700 PSF (MAX) SNOW LOAD. 40 PSF MAX. VEHICLE LOAD ATOP DOME . . 12,000 LBS

12. THESE NOTES ARE INTENDED TO ACCOMPANY A SET OF DRAWINGS CREATED BY "EARTH SHELTERED TECHNOLOGY, INC." (EST) AND JOHN HERMANNSSON, ARCHITECT. THE COMPLETED CONSTRUCTION SHALL COMPLY WITH ALL REQUIREMENTS AND DIRECTIONS OF "EST" U.N.O. AS MORE RESTRICTIVE.





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DATE 03-01-12 SCALE NOTED HECKED D.K.A.

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