

1. 2012 IBC, 2012 IMC, 2018 UPC, 2012 IECC, 2017 NEC AND SITKA'S STANDARDS, REGULATIONS & ORDINANCES THE PROPOSED BUILDING IS A MODULARIZED STEEL ICE MACHINE OCCUPANCY F2 THE AREA OF THE ICE MACHINE IS 340 S.F. 2-STORIES, THE ADJACENT BUILDING IS A S1 OCCUPANCY 6900 SF OF TYPE VB CONSTRUCTION WITH FIRE PROTECTION SYSTEM TABLE 503 ALLOWS A TOTAL OF 14,000 SF & 3-STORIES FOR THE MORE RESTRICTIVE S1 OCCUPANCY THE TOTAL SF IS ONLY 7240 AND 2-STORIES THUS 503.1.2 AND 705.3 ARE SATISFIED. STAIRS AND PLATFORMS SHALL BE CONSIDERED EQUIPMENT PLATFORMS IN ACCORDANCE WITH 505.3, 1013.2, 1607.8, AND 1013.6 WHICH ALLOWS LESS THEN A 21" SPHERE
2. ENGINEER TO REVIEW THE REACTIONS AND DO THE FINAL DESIGN OF THE THE HOLDOWN SYSTEM.
- 3.. VERIFY ALL DIMENSIONS AND ANCHOR BOLT SIZES FROM ACTUAL PRODUCT RECEIVED
4. ALL CONCRETE TO BE MIN. 3000 PSI @ 30 DAYS W/ A MINIMUM OF 5% AIR ENTRAINMENT
5. IT IS RECOMMENDED THAT THE ANCHOR BOLTS BE FIELD PLACED AFTER ICE MACHINE IS SET. USING HILTI ANCHORS EPOXIED IN TO CONCRETE
6. ALL PRESSURE TREATED WOOD TO BE GROUND CONTACT RATED
7. A SOIL BEARING CAPACITY OF 1500 PSF HAS BEEN USED IN THE DESIGN OWNER WILL DO TEST PITS DURING THE UTILITY TRENCHING BELOW EXISTING SOG. TO INSURE NO ORGANICS ARE BELOW THE SOG. REPAIRS TO THE TRENCH CUT WILL BE ADDRESSED IF REQUIRED BY ENGINEER.
8. LOADING CRITERIA: FIRST FLOOR 600 PSF, MEZZANINE LIGHT STORAGE 125 PSF, SNOW LOAD 50 PSF, WIND 150 MPH EXPOSURE D, SEISMIC  $S_s=0.97$ ,  $S_1=0.5$ ,  $S_{ds}=0.72$ ,  $S_{d1}=0.6$
9. EXISTING WATER AND WASTEWATER SYSTEMS TO BE USED FOR PROJECT.
10. ALL STEEL TO BE A36 OR EQUAL
11. ELECTRICAL AND MECHANICAL ADMINISTRATORS RESPONSIBLE FOR FINAL DESIGN MIN. 50 F.C. LIGHTING EXTERIOR

C1 SITE PLAN  
C2 ICE MACHINE FOUNDATION PLAN & SECTION  
C3 COOLING TOWERS FOUNDATION PLAN & SECTION  
C4 ICE MACHINE STAIR PLAN  
C5 GRADING PLAN  
C6 ELEVATION OF ICE MACHINE

NEW ICE PLANT PROJECT  
LOT 4, BK. 4, SAWMILL COVE INDUSTRIAL PARK  
PLAT 2008-27  
4690 SAWMILL CREEK ROAD  
SITKA SALMON SHARES

NO	REVISION / ISSUE	DATE
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SCALE:  
AS SHOWN

$$\frac{C1}{C6}$$
