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Design: Drawn: UAA Project No.: 16-0103

02/17/2017 Date: Sheet Title

GENERAL NOTES

Sheet Number

THE FOLLOWING NOTES APPLY UNLESS INDICATED OTHERWISE:

### CODE:

INTERNATIONAL BUILDING CODE, 2012 EDITION.

#### **DESIGN WIND AND SEISMIC LOADS:**

WIND = BUILDING RISK CATEGORY II

> 145 MPH 3-SECOND GUST EXPOSURE B (GCpi) = 0.18, qh = 36 PSF

WALL COMPONENTS AND CLADDING: WITHIN 10 FT OF OUTSIDE CORNERS = 66 PSF LRFD REMAINDER OF WALL

= 43 PSF LRFD SEISMIC (REDUCE PER ASCE 7-10 FOR ASD DESIGN)= BUILDING RISK CATEGORY II

> SEISMIC DESIGN CATEGORY D SOIL SITE CLASS D, I = 1.0 Ss = 1.5, S1 = 0.55, Sds = 1.0, Sd1 = 0.55

## **REINFORCED CONCRETE:**

ALL CONCRETE - f'c = 4000 PSI, MAXIMUM W/C = 0.50. SUBMIT MIX DESIGN. SEE SPECIFICATIONS FOR ADMIXTURES. SPECIAL INSPECTION NOT REQUIRED.

UNLESS OTHERWISE NOTED, REINFORCING STEEL SHALL CONFORM TO ASTM A615, GRADE 60. PROVIDE CLASS B SPLICE.

ASTM A706, GRADE 60, REINFORCING STEEL SHALL BE USED FOR WELDED OR FIELD-BENT BARS.

CONCRETE COVER:

HOUSEKEEPING PADS 3/4" FROM TOP.

DRILL-IN ADHESIVE ANCHORS:

"HIT HY 200" ADHESIVE ANCHOR SYSTEM BY HILTI FASTENING SYSTEMS FOR CONCRETE OR APPROVED EQUAL. ICC-ES CERTIFICATION REQUIRED. SPECIAL INSPECTION NOT REQUIRED.

**CONCRETE SCREW ANCHORS:** 

"KWIK HUS EZ" ANCHOR SYSTEM BY HILTI FASTENING SYSTEMS FOR CONCRETE OR APPROVED EQUAL. ICC-ES CERTIFICATION REQUIRED. SPECIAL INSPECTION REQUIRED.

### STRUCTURAL STEEL:

ALL STEEL ASTM A36. SPECIAL INSPECTION NOT REQUIRED.

WELDING PER AWS D1.1. MINIMUM SIZE WELDS 3/16" CONTINUOUS FILLET. WELDERS CERTIFIED PER AMERICAN WELDING SOCIETY FOR ROD AND POSITION.

HIGH-STRENGTH BOLTS PER ASTM A325. TYPICAL BOLTED CONNECTIONS – WRENCH TIGHT.

APPLY ONE COAT OF SHOP PAINT TO ALL STEEL EXCEPT FOR AREAS TO BE FIELD WELDED.

# **MISCELLANEOUS:**

CONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS, MEMBER SIZES AND CONDITIONS PRIOR TO COMMENCING ANY WORK. ALL DIMENSIONS OF EXISTING CONSTRUCTION SHOWN ON THE DRAWINGS ARE INTENDED AS GUIDELINES ONLY AND MUST BE VERIFIED. THE EXISTING CONDITIONS SHOWN ON THE DRAWINGS ARE BASED ON EITHER SITE OBSERVATION, ORIGINAL DRAWINGS OR WERE ASSUMED BASED ON EXPECTED CONDITIONS. IF THE EXISTING CONDITIONS DO NOT CLOSELY MATCH THE CONDITIONS SHOWN ON THE DRAWINGS, OR IF THE EXISTING MATERIALS ARE OF QUESTIONABLE OR SUBSTANDARD QUALITY, NOTIFY THE ARCHITECT PRIOR TO COMMENCING ANY WORK.

DRAWINGS INDICATE GENERAL AND TYPICAL DETAILS OF CONSTRUCTION. WHERE CONDITIONS ARE NOT SPECIFICALLY INDICATED BUT ARE OF SIMILAR CHARACTER TO DETAILS SHOWN, SIMILAR DETAILS OF CONSTRUCTION SHALL BE USED SUBJECT TO REVIEW AND APPROVAL BY THE ARCHITECT AND STRUCTURAL ENGINEER.

REFER TO ARCHITECTURAL DRAWINGS FOR WALL OPENINGS. ARCHITECTURAL TREATMENT AND DIMENSIONS NOT SHOWN.

REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR SIZE AND LOCATION OF DUCT OPENINGS, PIPING, CONDUITS, ETC, NOT

PROVIDE TEMPORARY ERECTION BRACING AND SHORING AS REQUIRED FOR STABILITY OF THE STRUCTURE DURING ALL PHASES OF CONSTRUCTION.

REFER TO SPECIFICATIONS FOR INFORMATION NOT CONTAINED IN THESE GENERAL NOTES.

## SPECIAL INSPECTION:

THE FOLLOWING SPECIAL INSPECTIONS SHALL BE PERFORMED BY QUALIFIED PERSONNEL EMPLOYED BY THE OWNER OR THE OWNER'S AGENT. THE OWNER OR THE OWNER'S AGENT SHALL SUBMIT INSPECTORS' RESUMES TO THE MUNICIPALITY OF ANCHORAGE BUILDING DEPARTMENT FOR APPROVAL. THE CONTRACTOR SHALL COORDINATE WORK WITH THE SPECIAL

SPECIAL INSPECTORS SHALL OBSERVE THE WORK ASSIGNED FOR CONFORMANCE WITH APPROVED DESIGN DRAWINGS AND SPECIFICATIONS. INSPECTION REPORTS SHALL BE FURNISHED TO THE MUNICIPALITY OF ANCHORAGE BUILDING DEPARTMENT, OWNER AND THE ARCHITECT. ALL DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION, AND TO THE ATTENTION OF THE ARCHITECT AND THE ENGINEER OF RECORD.

THE SPECIAL INSPECTORS SHALL SUBMIT A FINAL SIGNED REPORT STATING WHETHER THE WORK REQUIRING SPECIAL INSPECTION WAS, TO THE BEST OF THE INSPECTORS' KNOWLEDGE, IN CONFORMANCE WITH THE APPROVED PLANS AND SPECIFICATIONS AND THE APPLICABLE WORKMANSHIP PROVISIONS OF THE APPLICABLE CODES.

PROVIDE THE FOLLOWING SPECIAL INSPECTIONS PER SECTION 1704 OF THE 2009 INTERNATIONAL BUILDING CODE (IBC):

VERIFICATION AND INSPECTION OF DRILLED CONCRETE SCREW ANCHORS: PERIODICALLY INSPECT DURING THE PLACEMENT OF THE FIRST FOUR SCREW ANCHORS IN ACCORDANCE WITH THE SCREW ANCHOR MANUFACTRUER'S ICC EVALUATION SERVICE REPORT. CONTINUE TO PERIODICALLY INSPECT PLACEMENT FOR ONE HOUR INTERVALS FOR EVERY 100 ANCHORS FOR THE REMAINDER OF THE PROJECT.

TYPICAL ABBREVIATIONS					
(A) AB A/C ACI ADDL AESS AGGR AISC AISI AITC ALT ALUM ARCH @ APPROX ASCE ASPH ASTM AWS & (B) B BD BITIM	ABOVE ANCHOR BOLT ASPHALITC CONCRETE AMERICAN CONCRETE INSTITUTE ADDITIONAL ARCHITECURALLY EXPOSED STRUCTURAL STEEL AGGREGATE AMERICAN INSTITUTE OF STEEL CONSTRUCTION AMERICAN IRON AND STEEL INSTITUTE AMERICAN INSTITUTE OF TIMBER CONSTRUCTION ALTERNATE ALUMINUM ARCHITECT, ARCHITECTURAL AT APPROXIMATELY AMERICAN SOCIETY OF CIVIL ENGINEERS ASPHALT AMERICAN SOCIETY FOR TESTING MATERIAL AMERICAN WELDING SOCIETY AND  BELOW BOTTOM (BEAM AND JOIST SCHEDULES ONLY) BOARD	FD FDN FIN FF FLG FLASH FOS FP FS FT OR FTG FUT FV GALV GEN GIRD GL GND GR GWB GYP	FLOOR DRAIN FOUNDATION FINISH, FINISHED FINISHED FLOOR, FAR FACE FLANGE FLOOR FLASHING FACE OF STUDS FIREPROOF, FULL PENETRATION FINISH SLAB ELEVATION, FAR SIDE FOOT, FEET FOOTING FUTURE FIELD VERIFY  GAUGE, GAGE GALVANIZED GENERAL GIRDER GLUE LAMINATED GROUND GRADE GYPSUM WALL BOARD GYPSUM	P/C PEMB PERP PJ PL PLCS PLWD PP P/S PSF PSI PSL PT P/T PVC PVMT  R RD REF REINF REINF REQD PO	REQUIRED
BITUM BL BLDG BLK BLKG BOD BM BOT BRG BSMT BTWN  C CB CG CJP CL CJP CLKG CMP CONC CONN CONSTR CONT CONSTR CONT CONT CTJ, CJ CTSK CTSK	BITUMINOUS BUILDING LINE BUILDING BLOCK BLOCKING BOTTOM OF DECK ELEVATION BEAM BOTTOM BEARING BASEMENT BETWEEN  AMERICAN CHANNELS CATCH BASIN CENTER OF GRAVITY CONSTRUCTION JOINT CAST-IN-PLACE CENTER LINE COMPLETE JOINT PENETRATION CAULKING CLEAR CORRUGATED METAL PIPE CONCRETE MASONRY UNIT CLEANOUT, CONCRETE OPENING COLUMN CONCRETE CONNECTION CONSTRUCTION CONSTRUCTION CONSTRUCTION CONSTRUCTION CONSTRUCTION CONSTRUCTION CONTINUOUS CONTRACTOR CONTRACTOR CONTROL JOINT, CONTRACTION JOINT CENTER COUNTERSUNK	HDG HEF HORIZ HP HSB HT IBC ID IE IN OR " INCL INSUL INT  JT JST  K KSI LB OR # LLBB LLH LLV LONGIT LP LSL LT LT WT L	HOT DIPPED GALVANIZED HORIZONTAL EACH FACE HORIZONTAL HIGH POINT, HP STEEL SHAPE HIGH STRENGTH BOLT HEIGHT  INTERNATIONAL BUILDING CODE INSIDE DIAMETER INVERT ELEVATION INSIDE FACE INCH INCLUDE INSULATION, INSULATED, INSULATE INTERIOR  JOINT JOIST  KIP, KIPS KIPS PER SQUARE INCH  POUND LONG LEG BACK TO BACK LONG LEGS HORIZONTAL LONG LEGS VERTICAL LONGITUDINAL LOW POINT LONG SLOTTED HOLES LIGHT LIGHT WEIGHT ANGLE	RO RS SCHED SEC- SH SHT SHTHG SIM SIP SLBB SMS SOG SP SPA SPEC SQ SS SSL ST STD STIFF STIRR STL STRUCT SUPT SUSP SYMM	ROUGH OPENING RING SHANK  AMERICAN STANDARD STEEL SHAPE, SOUTH SCHEDULE SECTION SHEAR PLATE SHEET SHEETING SHEATHING SIMILAR STRUCTURAL INSULATED PANEL SHORT LEGS BACK TO BACK SHEET METAL SCREWS CONCRETE SLAB ON GRADE SPIRAL SPACE, SPACING SPACES SPECIFICATION SQUARE STAINLESS STEEL SHORT SLOTTED HOLE STRUCTURAL T FROM S SERIES SECTION STATION STANDARD STIFFENED STIRRUP STEEL STRUCTURAL USE PANEL SUPPORT SUSPENDED SYMMETRICAL
DBL DEPT DIA, Ø DIAA DIAB DIAPH DIEB DIM DO DWL E A EB EF EXJ ELEC ENGR EQUIP ES EXT EXP EXT	CUBIC  DOUBLE DEPARTMENT DETAIL DIAMETER  DRILLED-IN ADHESIVE ANCHOR DRILLED-IN ADHESIVE BOLT DIAGONAL DIAPHRAGM DRILLED-IN EXPANSION BOLT DIMENSION DOWN DITTO DEEP DRAWING DOWEL  EAST EACH EXPANSION BOLT EACH FACE EXPANSION JOINT ELEVATION (HEIGHT) ELECTRICAL ELEVATOR ENCLOSURE ENGINEER EDGE OF DECK EQUAL EARTHQUAKE JOINT EQUIPMENT EACH SIDE EACH WAY EXISTING EXPANSION EXTERIOR	M MAS MATL MAX MC MECH MEMB MFR MISC MT MTD MTL N NDT NIC NO OR # NOM NS NTS OA OC OD OF OPPG OPP OVS	MISCELLANEOUS SHAPE MASONRY MATERIAL MAXIMUM MISCELLANEOUS CHANNEL SECTION MECHANICAL MEMBRANE MANUFACTURER MANUFACTURING MINIMUM MISCELLANEOUS STRUCTURAL TEE FROM M SERIES SECTION MOUNTED METAL  NORTH NON-DESTRUCTIVE TESTING NEAR FACE NOT IN CONTRACT NUMBER NOMINAL NEAR SIDE NOT TO SCALE  OVERALL ON CENTER OUTSIDE DIAMETER OUTSIDE FACE OPENING OPPOSITE OVERSIZED	T TC T&G TEMP THK THRU TOB TOC TOS TOSH TOW TP TRANS TS TYP UBC UL UON UT VEF VOF W W/O WH WHS WP J WT WWF YD	TOP TOP OF CURB TONGUE AND GROOVE TEMPERATURE, TEMPORARY THICK THROUGH TOP OF BEAM ELEVATION TOP OF CONCRETE ELEVATION, TOP OF CMU ELEVATION TOP OF FOOTING ELEVATION TOP OF STEEL ELEVATION TOP OF SHEATHING ELEVATION TOP OF WALL ELEVATION TOP OF PAVEMENT TRANSVERSE STRUCTURAL TUBE TYPICAL UNIFORM BUILDING CODE UNDERWRITERS LABORATORY UNLESS OTHERWISE NOTED ULTRASONIC TEST  VERTICAL EACH FACE VERTICAL VERTICAL EACH FACE VERTICAL OUTSIDE FACE  WEST, W SERIES SECTION WITH WITHOUT WOOD WEEP HOLE WELDED HEADED STUD WATERPROOF, WORK POINT WEAKENED PLANE JOINT WEIGHT, STRUCTURAL TEE FROM W SERIES SECTION WELDED WIRE FABRIC

## NOTIFICATION OF POTENTIAL HAZARD

ASBESTOS CONTAINING MATERIAL (ACM) IS PRESENT IN THE BUILDING THAT MAY IMPACT THE WORK OF ALL TRADES. THE CONTRACTOR SHALL REQUIRE THEIR PERSONNEL AND ALL SUBCONTRACTOR PERSONNEL TO COORDINATE WITH OTHER TRADES AND CONDUCT THEIR WORK TO PREVENT WORKER EXPOSURE OR SITE CONTAMINATION. REFER TO DIVISION 01 AND 02 SPECIFICATIONS FOR SPECIFIC INFORMATION CONCERNING REMOVING AND DISPOSING OF THESE MATERIALS AND THE INSTALLATION OF NEW MATERIALS AND COMPONENTS. THIS NOTIFICATION IS PROVIDED IN ACCORDANCE WITH EPA AND OSHA REQUIREMENTS.