① 2 \odot 5 CONCRETE ACCESSORIES 25908 [85'-0"] **Earth Tech** DEMOLITION KEYNOTES READ THE STRUCTURAL DRAWINGS IN CONJUNCTION WITH ALL OTHER PERTINENT CONTRACT DOCUMENTS. DESIGN, FABRICATE AND INSTALL STEEL DECK TO CSA \$136—(LATEST EDITION) AND THE CANADIAN SHEET STEEL BUILDING INSTITUTE STANDARDS. NON-FERROUS GROUT: PRE-MIXED, NON SHRINK, MASTER BUILDERS 713, STERNSON M-BED, CPD NON SHRINK GROUT, STEEL CI GROUT, MINIMUM 35 MPa COMPRESSIVE STRENGTH. OR EPOXY GROUT STERNSON TALYGROUT. 6096 [20'-0"] 6401 [21'-0"] 1) EXISTING ALUMINUM ACCESS COVERS TO REMAIN ROOF DECKING PROFILE: 38mm DEEP MINIMUM 0.76mm (22 GA.) ZINC COATED STEEL CONFORMING TO ASTM A446. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS NOTED. THE CONTRACTOR SHALL VERIFY DIMENSIONS BEFORE CONSTRUCTION AND REPORT DISCREPANCIES BEFORE PROCEEDING WITH THE WORK. DO NOT SCALE DRAWNOS. **⟨k**⟩ FLOOR DECKING PROFILE: [38mm] [76mm]; [0.76] [0.91] ZINC COATED CONFORMING TO ASTM A446,PROVIDE DEFORMED STEEL DECKING FOR COMPOSITE FLOORS WHERE SPECIFIED ON THE DRAWNIGS. Tel. 780-488-680 Fax. 780-488-21 www.earthtech.ca THE DESIGN AND CONSTRUCTION AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE NATIONAL BUILDING CODE OF CANADA 1995 AND REFERENCED STANDARDS THEREIN. 6 16 3 EXISTING METAL GRATING TO BE REMOVED AND SALVAGED. SEE SECTION 5/S3.04 FOR FLOOR INFILL DETAIL **6** 4. ZINC COATING TO ASTM A525 275 G/M. WIPE COAT GALVANIZING IS NOT ACCEPTABLE. 4 REMOVE EXISTING METAL STUD WALL COMPLETE LIFT STATION INSTALL DECKING CONTINUOUS OVER MINIMUM THREE SPANS EXCEPT WHERE OTHERWISE APPROVED. MINIMUM BEARING EQUAL TO DECK DEPTH, LAP JOINTS 75mm AT STRUCTURAL SUPPORTS. 4. EPOXY BONDING AGENTS: TWO COMPONENT, WATER BASED, EPOXY RESIN / CEMENT BONDING AGENT 75 REMOVE EXISTING SHIPS LADDER, HANDRAIL. SEE DRAWING S3.04 REMOVAL AND RELOCATION CONTRACTOR TO CONFIRM WITH EQUIPMENT SUPPLIERS DIMENSIONS AND ALL OTHER CRITICAL DETAILS PRIOR TO CONSTRUCTION. REPORT DISCREPANCIES AND OBTAIN APPROVAL PRIOR TO PROCEEDING WITH CONSTRUCTION. **(**) ACRYLIC BONDING AGENT: CPD ACRYLIC CONCRETE ADHESIVE, THROSYSTEMS ACRYL 60, STERNSON DURAWELD C, ELSRO FLEX-CON 710, MIXED WITH CEMENT AS RECOMMENDED BY MANUFACTURER. (7) EXISTING SLIDING DOOR AND TRACK TO BE REMOVED 7 (5)-EXISTING METAL STAIR TO BE REMOVED 6. ASPHALTIC FIBREBOARD: ASPHALT SATURATED FIBRE BOARD CONFORMING TO ASTM D175 MECHANICAL 9 REMOVE EXISTING PLYWOOD SHEATHED INTERMEDIATE FLOOR COMPLETE. TANK SUPPORT FRAME TO REMAIN 7. VINYL FOAM RODS: CLOSED CELL VINYL FOAM RODS AS REQUIRED BY DRAWING DETAILS. 90% RECOVERY AFTER 50% COMPRESSION @ 380 kPa PRESSURE. B HPE WATER STOPS: ONE COMPONENT, HYDROPHYLIC POLYURETHANE BASED EXTRUDABLE SWELLING PROFILE WATER STOP FOR CONSTRUCTION JOINTS. 11) EXISTING DOOR AND FRAME TO BE REMOVED (12) REMOVED EXISTING DOUBLE DOOR AND FRAME. ENLARGE OPENING TO SUIT NEW OVERHEAD DOOR. SEE DETAIL E/S3.02 PVC WATER STOPS: HIGH STRENGTH POLY VINYLE CHLORIDE WATER STOP C/W PREWELDED JOINTS TO RESIST FLUID PRESSURES INDICATED. 10/ 8. VERIFY LOCATION OF UNDERGROUND SERVICES AND BE RESPONSIBLE FOR DISRUPTIONS VAPOUR BARRIER: 0.25mm CLEAR, OR BLACK, POLYETHYLENE FILM, UN-REINFORCED, WITH SELF ADHESIVE POLYETHYLENE TAPE FOR JOINTS, SUITABLE FOR BELOW GRADE USE. LAP JOINTS & REPAIRS MIN 300mm (13) REMOVE EXISTING METAL CASSETTE FRAME WORK AND GRATING WALKWAY COMPLETE **O** VOID FORM: 100 THICK EXPANDED OR EXTRUDED POLYSTYRENE. TOP SHEET TO BE 12mm THICK PLYWOOD. COVER AND WRAP EDGES WITH 6 mil POLY. (15) (15) EXISTING GALVANIZED LADDER TO BE REMOVED. GRIND SMOOTH ANCHORS TO WALL 18 12. HYDRAULIC CEMENT GROUT: FAST SETTING, NON SHRINK, HIGH STRENGTH, NON SOULUABLE CTRYSTALLINE HYDRAULIC CEMENT COMPOUND (XYPEX ADMIX APPROVED ALTERNATE) 1. DEAD LOADS: STRUCTURE SELF WEIGHT PLUS: (M) **√**⊚ **(**L) EXISTING EXTERIOR STAIR TO BE REMOVED AND MODIFIED SEE DRAWING \$3.08 FOR DETAILS 17) REMOVE EXISTING HVAC SUPPORT FRAME COMPLTE. SEE MECHANCIAL FOR HVAC RELOCATION POLYURETHANE SEALANT (HORZONTAL JOINT): WITHSTAND A MAXIMUM OF 25% JOINT MOVEMENT SIKAFLEX 12-SL, PRC 6006, VULKEM 45. (19) CONCRETE WALKWAY TO BE REMOVED TO SUIT NEW FLOOR SLAB SEE DRAWING S3.04 FOR DETAILS $\sqrt{1}$ 0 PLOYURETHANE SEALANT (VERTICAL JOINT): WITHSTAND A MAXIMUM OF 25% JOINT MOVEMENT SIKAFLEX 1a, PRC 270, VULKEM 116 20) REMOVE EXISTING HSS 203 X 203 STRUTS COMPLETE. PATCH WALL AS REQUIRED. TYPICAL 4 LOCATIONS **(15)** INTERIOR SAW CUT JOINT OR CONTROL JOINT SEALANT: CATALYST CURED EPOXY RUBBER, STERNSON LOADFLEX, SEALTIGHT BONDFLEX, CONCRETE CHEMICALS 903B FLEXIBLE SEALANT, ALLIED COATINGS AC-1210 FLEXIBLE EPOXY SEALANT. .4) CLARIFIER BLDG ELECTRICAL ROOM DAF TANK FLOOR WASH DOWN TANK IN-FILL CLARIFIER BLDG WALKWAY SLAB OVER AERATION TANKS CLARIFIER BLDG LOWER LEVEL C100 X 8 FOR SPANS 2.1m TO 3.0m C150 X 10 FOR SPANS 3.1m TO 4.0m OPENINGS UP TO 150mm DO NOT REQUIRE REINFORCING. EXCAVATION & BACKFILL OPENINGS LARGER THAN 150mm BUT LESS THAN 500mm ARE TO BE REINFORCED WITH L65 X 65 X 5 PERPENDICULAR TO FLUTES WELDED TO DECK AND EXTENDED 2 FLUTES EACH SIDE OF OPENING. **€** WATER SEALING ADMIXTURE: WATER BASED, HIGH POLYMER DISPERSION SPECIFICALLY DESIGNED TO FORTIFY PORTLAND CEMENT COMPOSITIONS, ENHANCE WATER RESISTANCE CHARACTERISTICS AND REDUCE CONCRETE SHRINKAGE (XYPEX ADMIX OR APPROVED ALTERNATE) FOR OPENINGS LARGER THAN 500mm REINFORCE OPENING AS SHOWN ABOVE. DO NOT PLACE BACKFILL AGAINST WALLS RETAINING SOIL UNTIL THE FLOOR CONSTRUCTION IS COMPLETE. PROVIDE TEMPORARY SHORING TO PERIMETER WALLS PRIOR TO SLAB PLACEMENT. 4. WHERE BACKFILL IS REQUIRED ON BOTH SIDES OF A WALL OR STRUCTURE, PLACE SIMULTANEOUSLY ON EACH SIDE. CONCRETE REINFORCEMENT LOWER FLOOR DEMOLITION PLAN DEFORMED BARS CONFORMING TO CSA G30.12M GRADE 400. TIES AND STIRRUPS TO CSA G30.12M GRADE 400. 5. DO NOT PLACE BACKFILL ON FROZEN GROUND, NOR USE FROZEN MATERIAL. 6. DO NOT ALLOW COMPLETED WORK TO BE DAMAGED FROM FREEZING CONDITIONS WELDABLE REINFORCING BARS SHALL CONFORM TO CSA G30.16 GRADE 400. WELDING OF REINFORCING SHALL CONFORM TO CSA W186. UNDER INTERIOR GRADE SUPPORTED SLABS: USE TYPE 1 GRAVEL COMPACTED TO 98% SPD WITH LAYERS NOT EXCEEDING 150mm 3. REINFORCING WORK SHALL BE IN ACCORDANCE WITH CSA CAN3-A23.1 AND CSA CAN3-A23. 4. REINFORCING STEEL SHALL BE DETAILED IN ACCORDANCE WITH THE LATEST EDITION OF THE ACI DETAILING MANUAL OR THE REINFORCING STEEL INSTITUTE OF CANADA DETAILING MANUAL. (3) 3₀ UNDER INTERIOR AND EXTERIOR STRUCTURAL SLABS: USE NATIVE EXCAVATED METERIALS, OR EXCAVATED ROCK TO WITHIN 250mm OF U/S SLAB. COMPACT TO 95% SPD WITH LAYERS NOT EXCEEDING 300mm. FILL NEXT 150mm WITH TYPE 1 FILL COMPACTED TO 98% SPD. USE 100mm VOID FORM AND PLYWOOD FOR REMAINING 100mm TYPE MINIMUM HOLE DIA. GROUP CLASS C Fy= 205 MPa LENGTH 5, REINFORCING TO BE CONTINUOUS UNLESS NOTED. LAP TOP BARS AT MIDSPAN, BOTTOM BARS AT SUPPORTS, MINIMUM LAP FOR 10M BARS TO BE 450 MM. MINIMUM LAPS FOR OTHER BARS TO BE CLASS B TENSION SPLICES. WHERE REINFORCEMENT LAPS ARE REQUIRED IN ADJACENT BARS, STAGGER LAPS MINIMUM 1200 UNLESS NOTED OTHERWISE. 25908 [85'-0"] HSS 141 X 6.4 DN125 STD 2000 700 X 700 X 300 3−15M EACH WAY BOT 600 DIA. 10−20M VERT. 10M TIES • 300 6401 [21'-0"] 6096 [20'-0"] 7188 [23'-7"] 3. UNDER EXTERIOR GRADES SUPPORTED SLABS: USE NATIVE EXCAVATED MATERIALS OR EXCAVATED ROCK TO WITHIN 500mm OF U/S SLAB AND COMPACT TO 98% SPD IN LAYERS NOT EXCEEDING 150mm. USE TYPE 1 FILL FOR REMAINING 500mm. COMPACT TO 98% SPD IN LAYERS NOT EXCEEDING CHAIR SLAB REINFORCING NOT FURTHER THAN 1.0 METRE IN EITHER DIRECTION. SUPPLY SUPPORT BARS, CHAIRS, AND CARRIERS AS NECESSARY. P3 218 GROUP 2 HSS 168 X 6.4 DN150 STD 2000 900 X 900 X 300 4-15M EACH WAY BOT 600 DIA. 10-20M VERT. 10M TIES • 300 7. DOWELS AND ANCHOR BOLTS SHALL BE SECURED IN POSITION BY MEANS OF TEMPLATES BEFORE CONCRETE IS POURED. P4 269 GROUP 2 HSS 219 X 6.4 DN200 STD 2000 1100 X 1100 X 450 4-20M EACH WAY BOT 600 DIA. 10-20M VERT. 10M TIES © 300 P5 323 GROUP 3 HSS 273 X 8.0 DN250 STD 2000 1300 X 1300 X 500 5-20M EACH WAY BOT 600 DIA. 10-20M VERT. 10M TIES © 300 8. 90° HOOKS AND 180° HOOKS WHERE SHOWN SHALL BE DETAILED AS STANDARD HOOKS UNLESS NOTED OTHERWISE. LIFT STATION 5. UTILIZE EXCAVATED GRANULAR MATERIAL FOR BACKFILL ONLY WHEN APPROVED BY THE OWNER. 10. PROVIDE DOWELS FROM CONCRETE BEAMS OR WALLS TO MATCH BLOCK REINFORCING \odot 11. UNLESS OTHERWISE NOTED, ALL DOWELS TO PROJECT A MINIMUM OF 40 BAR DIAMETERS INTO SLAB OR WALL FROM FACE OF SUPPORT. 2. LENGTH OF PILE OR PIERS VARY. TO BE CONFIRMED ON SITE PILE/PILECAP CUT-OFF ELEVATION SCHEDULE LEGEND ALL FOUNDATION CONSTRUCTION TO BE IN ACCORDANCE WITH THE RECOMMENDATIONS GIVEN IN ENGINEERING REPORT — "GEOTECHNICAL INVESTIGATION PROPOSED ADDITION TO WASTE WATER TREATMEN PLANT, IQALUIT NUNAVUT." TROW ASSOCIATES INC. REPORT: OTGEO0017181A, DATED JULY 22, 2004 A INDICATES PILE TYPE - INDICATES PILE CUT OFF ELEVATION PRESS ROOM O **B**− 1 7.600 2 7.650 **€**\ 1. DESIGN END BEARING - 10 MPa - 2000 INTO BEDROCK LADDER TO H ****\\ \(\bar{2} \) 3 5.921 1. FABRICATE AND ERECT STRUCTURAL STEEL TO CSA CAN3-16.1-LATEST EDITION 77 11) 3. DRILL OVERSIZE HOLE AT LEAST 50mm DIAMTER LARGER THAN PILE DIAMETER 2. PROVIDE STRUCTURAL STEEL TO CSA G40.21-LATEST EDITION WITH THE FOLLOWING GRADES: 4 5.556 * 0 WIDE FLANGE BEAMS: CHANNELS AND ANGLES: HSS SECTIONS (CLASS "O"): STRUCTURAL BARS AND PLATES: MISCELLANEOUS STEEL: ANCHOR BOLTS: 4. COMPLETELY CLEAN OUT THE BASE OF ALL HOLES 5 5.674 * 5. IMMEDIATELY AFTER CLEANING, FILL HOLE WITH FAST SETTING ARCTIC GROUT (SIKA ARCTIC 100 OR EQUAL) 2 8 6 5.842 * 6. INSTALL PIPE PILE OPEN ENDED. VIBRATE PILE INTO GROUT. ENSURE PILE IS SEATED ON BEDROCK 4.417 * € (M) FABRICATOR TO BE CERTIFIED AS A DIVISION 1 OR 2 COMPANY UNDER CSA W47.1. SUBMIT SHOP DRAWINGS FOR REVIEW PRIOR TO FABRICATION. 19 8 7.400 \bigcirc DIMENSIONS SHOWN ARE TO CENTER LINES OF SECTIONS AND TO BACK OF CHANNELS OR ANGLES. ELEVATIONS SHOWN ARE TO TOP OF STEEL U/N. PILE GROUP 3 CLARIFIER BASE SLAB SLOPE MAY VARY WITH DIFFERENT MANUFACTURERES. CONTRACTOR FIELD WELDING AND FIELD MODIFICATION OF STRUCTURAL STEEL SHALL NOT BE ALLOWED WITHOUT PRIOR REVIEW AND APPROVAL BY THE ENGINEER. **(1)** PILE GROUP NOTES: ENSURE ALL LOOSE MATERIAL AND WATER IS THOROUGHLY REMOVED FROM PILE EXCAVATIONS PRIOR TO PLACING REINFORCEMENT AND CONCRETE. CONCRETING OPERATIONS TO PROCESS WHITHIN 3 HOURS OF EXCAVATION OR IMMEDIATELY IF ROYUNDWATER EXISTS. CASTING OF ALL PILES SHALL BE CONTINUOUS; CONSTRUCTION JOINTS IN PILE SHAFTS SHALL NOT BE ALLOWED. VIBRATE CONCRETE IN UPPER 3000mm OF SHAFT. imes aa center of Pile shown on Foundation Plan **/2** BB 600mm OR 3 TIMES DIAMETER OF DRILLED HOLE, WHICHEVER IS GREATER CONNECTIONS NOT DETAILED ON THE STRUCTURAL DRAWINGS SHALL BE DESIGNED AND DETAILED BY THE STEEL FABRICATOR. FACTORED (UNFACTORED) LOADS FOR THESE CONNECTIONS ARE SHOWN ON THE DRAWINGS. MOMENT IS DENOTED M IN KIN-M. TENSION IS DENOTED T. COMPRESSION IS DENOTED C. OTHERWISE LOADS ARE SHEAR LOADS. LOADS IN KIN E.E. NIGICATED EACH END. IF THE EON REACTION IS NOT SHOWN, CONNECT FOR THE ALLOWABLE UDL ASSUMING FULL SUPPORT OF THE COMPRESSION FLANGE. (13)— 5. PROVIDE CASING AT ALL TIMES ON SITE AND USE IF REQUIRED DUE TO WATER OR SLOUGHING SOILS. 19 6. WRAP ALL PILE PROJECTIONS WITH TWO LAYERS OF 6 MIL POLY PRIOR TO BACKFILLING. **19** 7. PLACE REINFORCEMENT BEFORE PLACING CONCRETE. DOWELS MAY BE PLACED IMMEDIATELY FOLLOWING CONCRETE PLACEMENT IF CONCRETE IS PROPERLY CONSOLIDATED AROUND EACH DOWEL. BOLTS – A325 M20 (MIN.) MINIMUM 2 BOLTS PER CONNECTION. BRACING OR MEMBERS SUBJECT TO STRESS REVERSAL SHALL BE FRICTION TYPE. (MASK CONTACT SURFACES BEFORE PAINTING.) 8. PILING CONTRACTOR SHALL KEEP AN ACCURATE RECORD OF DEPTHS OF PILES, EXCAVATI SOILS PENETRAED, WATER SEEPAGE AND OTHER PERTINENT CONDITIONS. REPORT ANY ABNORMAL CONDITIONS TO THE OWNER (E)-2. MINIMUM WELDS FOR CONNECTIONS SHALL BE 5mm FILLET WELD AND WHERE EXPOSED IN FINISHED BUILDING WELD SHALL BE GROUND PROVIDE BOLT HOLES IN STRUCTURAL STEEL WHERE SHOWN AND WHERE REQUIRED FOR THE ATTACHMENT OF BOLTED BLOCKING OR FASTENINGS BY OTHER TRADES. 1. DESIGN ALLOW BEARING PRESSURE 480 KPa 10. PROVIDE STIFFENER/BEARING PLATES ON BOTH SIDES OF W-SHAPE AND ON ONE SIDE OF C-SHAPE BEAMS AT ALL LOCATIONS WHERE CONCENTRATED LOADS OCCUR (EXCLUDING OWS) SEATS) AND AT BEARING SUPPORTS. EACH STIFFENER SHALL EQUAL HALF THE BEAM WIDTH, BE FULL HEIGHT BETWEEN FLANCES, AND HAVE A MINIMUM THICKNESS OF 8mm BUT SHALL NOT BE THINNER THAN THE WEB OF THE BEAM. 2. FOOTINGS TO BEAR ON SCARIFIED BEDROCK OR ON MAX 300mm GRAVEL FILL ABOVE BEDROCK UPPER FLOOR DEMOLITION PLAN PROVIDE CLOSURE PLATES AT ALL OPEN ENDS OF ALL HSS MEMBERS AND SEAL WELD. PLATE THICKNESS TO EQUAL WALL THICKNESS OF HSS MEMBER. PRELIMINARY PROVIDE CONCRETE AND PERFORM WORK TO CSA CAN3—A23.1M90. THE CONTRACTOR SHALL HAVE A COPY OF THIS STANDARD ON SITE AT ALL TIMES. Not For Construction GROUT UNDER BEARING PLATES INSTALLED IN ACCORDANCE WITH SPECIFICATIONS AND MANUFACTURER'S RECOMMENDATION. OCT.15.2004 SLUMP TOTAL (mm) AIR (%) 14. CLEAN ALL STEEL PRIOR TO PAINTING TO SSPC SURFACE PREPARATION SPECIFICATION NO. 25 80±20 NOM 1. INTERIOR CONCRETE 2. EXTERIOR CONCRETE 4. SPECIFIED SLUMPS ARE PRIOR TO THE ADDITION OF ANY APPROVED PLASTICIZING ADMIXTURE WHEN CONCRETE IS PLACED BY PUMPING, THE LISTED SLUMPS SHALL BE AT DISCHARGE 3 2004 ISSUED FOR 95% REVIEW METAL JOISTS JULY 30 ISSUED FOR 50% CLIENT REVIEW 5. ALL CONCRETE SHALL BE NORMAL WEIGHT 2400 KG/M3 UNLESS NOTED. DESIGN AND FABRICATE OPEN WEB STEEL JOISTS TO CSA CAN3—S16.1 (LATEST EDITION) FOR DEPTHS, DETAILS, AND LOADING SHOWN ON THE DRAWINGS. REFER TO MECHANICAL DRAWINGS FOR WEIGHT AND LOCATION OF EQUIPMENT AND CONFIRM WITH MECHANICAL CONTRACTOR. DESIGN AND SUPPLY STEEL FRAMING FOR EQUIPMENT SUPPORT. 6. ALL CONCRETE USED FOR WATER OR SEWAGE CONTAINMENT TO CONTAIN STRENGTHENING/WATER RETAINING ENHANCEMENT ADMIXTURE SEE SPECIFICATIONS Description © РНОТО A PHOTO B PHOTO CONSTRUCTION JOINTS: KEYED AND DOWELED AS DIRECTED BY ENGINEER UNLESS DETAILED ON DRAWINGS. SUBMIT PROPOSED DETAIL AND LOCATION OF ALL CONSTRUCTION JOINTS NOT SHOWN ON DRAWINGS, TO OWNER FOR APPROVAL. SUBMIT SHOP DRAWINGS FOR REVIEW PRIOR TO FABRICATION. SHOP DRAWINGS SHALL SHOW DETAILS, MATERIALS, UNIFORM AND CONCENTRATED DESIGN LOADS, BRIDGING AND ACCESSORIES. SHOP DRAWINGS SHALL BE SEALED BY A QUALIFIED PROFESSIONAL ENGINEER REGISTERED IN THE NORTHWEST TERRITORIES, NUNAVUT. CONTROL JOINTS FOR SLAB ON GRADE: SAW CUT CONTROL JOINTS AS PER CSA CAN3—A2. LOCATIONS AS PER DRAWINGS OR MAXIMUM 4500mm ON CENTER. CLEAN AND FILL WITH SEALANT. 3. CAMBER REQUIREMENTS AND DEFLECTION LIMITATIONS TO CSA S16.1 UNLESS NOTED ON DRAWINGS CITY of IQALUIT, Nunavut PROVIDE RECESSES IN THE TOP OF FOUNDATION WALLS AND GRADE BEAMS AT ALL DOOR OPENINGS, TO ALLOW SLAB—ON—GRADE TO CONTINUE OVER. 4. PROVIDE PERMANENT BRIDGING FOR ALL JOISTS IN ACCORDANCE WITH CSA CAN3-S16.1-(LATEST EDITION), UNLESS INDICATED OTHERWISE. 10. PROVIDE 20mm CHAMFER ON ALL EXPOSED CONCRETE CORNERS. VERIFY SIZE AND LOCATION OF ALL MECHANICAL OPENINGS, CURBS, EQUIPMENT PADS WITH MECHANICAL DRAWNOS AND MECHANICAL CONTRACTOR. (MAJOR OPENINGS NOT SHOWN TO BE VERIFIED WITH ENGINEER). 5. STEEL JOIST SUPPLIER TO COORDINATE OWSJ WEB CONFIGURATION AND BRIDGING TYPE AND LOCATIONS WITH MECHANICAL CONTRACTOR TO ENSURE FITMENT OF ALL DUCT AND PIPE RUNS. CLEANING PREPARATION AND PAINTING SHALL CONFORM TO STRUCTURAL STEEL REQUIREMENTS 12. CONCRETE COVER TO REINFORCING STEEL Design RJG 2 PROVIDE TEMPORARY BRACING AS REQUIRED DURING CONSTRUCTION. COVERAGE (mm NV CLARIFIER TANK WALLS CLARIFIER TANK BASE SLAB TOP CLARIFIER TANK BASE SLAB BOTTOM HEADWORKS CHANNELS AND WIRES Director Project Title <u>н</u> РНОТО © PHOTO E PHOTO F PHOTO OTHER INTERIOR SLABS, BEAMS, WALLS EXTERIOR SLABS, BEAMS CITY OF IQALUIT CONCRETE AGAINST EARTH WASTEWATER TREATMENT PLANT STRUCTURAL **GENERAL NOTES & DEMOLITION PLANS** 75360 EXISTING **EXISTING** WEST ELEVATION (K) EAST ELEVATION NORTH ELEVATION (L) SOUTH ELEVATION S1-01 Revision **B**