8 6 4 NOTES UNLESS OTHERWISE SPECIFIED 'SELE-SHPPDRT THE GENERAL CONTRACTOR MUST VERIFY ALL DIMENSIONS, CONDITIONS AND ELEVATIONS BEFORE STARTING WORK. ALL DISCREPANCIES SHALL BE CALLED TO THE ATTENTION OF ISP SHPPLIES THE 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 NOTES AND DETAILS ON THESE DRAWINGS SHALL TAKE PRECEDENCE DVER THESE GENERAL NOTES TOWER DESIGN LOADING THE DETAILS ON THESE DRAWINGS SHALL APPLY IN ALL CASES UNLESS SPECIFICALLY SHOWN OTHERWISE. WHERE NO WIND LOAD: 2013 CBC 1609A.1.1, ASCE7-10 LILTIMATE WIND SPEED 110 MPH DETAIL IS SHOWN, CONSTRUCTION SHALL BE AS SHOWN FOR TIA/EIA-222 REV G 85 MPH W/ 3 SECOND GUST AND NO ICE SIMILAR WORK EXPOSURE C, STRUCTURE CLASS II TOPOGRAPHY CATEGORY 1 WITH A CREST HEIGHT O' IT IS THE INTENTION OF THESE DRAWINGS TO SHOW THE EARTHQUAKE SPECTRAL AT SHORT PERIOD: S_S =1.5, S₁=0.549 MATERIAL SPECIFICATION: COMPLETED INSTALLATION. THE CONTRACTOR SHALL BE FOUNDATION REACTIONS: SHEAR= 13.5 kips, AXIAL= 9.4 kips, RESPONSIBLE FOR ALL TEMPORARY BRACING, SHORING, TIES, FORMWORK, ETC. IN ACCORDANCE WITH ALL NATIONAL, STATE, AND LOCAL ORDINANCES, TO SAFELY MOMENT= 682 kip ft, LOAD COMBINATION 1.2D + 1.6W SDIL DESIGN : CLASS 4 SDIL PER CBC 2013 239AH2 9EY-W1SY ASTM A-53 GRADE B EXECUTE ALL WORK AND SHALL BE RESPONSIBLE FOR SAME PIPE ASTM A500 GRADE B ALL WORK SHALL BE IN ACCORDANCE WITH LOCAL CODES. GALVINIZED PER ASTM A123 AND 153 THE CONTRACTOR SHALL USE ADEQUATE NUMBERS OF SKILLED WORKMEN WHO ARE THOROUGHLY TRAINED AND ALL ASTM A325 BOLTS ARE TO BE TIGHTENED TO A SNUG TIGHT CONDITION. EXPERIENCED IN THE NECESSARY CRAFTS, AND WHO ARE COMPLETELY FAMILIAR WITH THE SPECIFIED REQUIREMENTS A SNUG TIGHT CONDITION IS DEFINED AS THE TIGHTNESS THAT EXISTS WHEN ALL PLIES IN A JOINT ARE IN FIRM CONTACT. THIS MAY BE ATTAINED BY A AND METHODS NEEDED FOR PROPER PERFORMANCE OF THE WUSK FEW IMPACTS OF AN IMPACT WRENCH OR THE FULL EFFORT OF A MAN USING AN DRDINARY SPUD WRENCH. 6. CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES REF.: "SPECIFICATION FOR ASTM A325 OR A490 BOLTS" MANUAL OF STEEL CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE ALLOWABLE STRESS DESIGN. AISC. 14TH EDITION, 2011. PAGE 16.2xi CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE INDEX OF DRAWINGS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND SHEET NO. DESCRIPTION PROPERTY, THAT THIS REQUIREMENT SHALL BE MADE TO INSPECTION PROGRAM: APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL SHEET 1 T-1 COVER AND GENERAL NOTES WORKING HOURS. AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO INDEMNIFY AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR SHEET 2 S-1 150' SS TOWER ELEVATION ALL WELDING SHALL BE INSPECTED BY AN APPROVED TESTING AGENCY IN SHEET 3 S-2 150' SS TOWER FOUNDATION ACCORDANCE WITH THE CBC 2016 1705.2.1. SUBMIT INSPECTOR QUALIFICATION IN ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ACCORDANCE WITH CBC 2016 PRIOR TO OBTAINING BUILDING PERMIT. SUBMIT ON THIS PROJECT. SHEET 4 S-3 RTT10 20' SECTION ASSEMBLY INSPECTION REPORTS TO THE DEVELOPMENT DEPARTMENT, BUILDING AND SHEET 5 S-4 RTT10 20' LEG WELDMENT THE TOWER DESIGN DOES NOT INCLUDE STRESSES DUE TO SAFETY SERVICE DIVISION PRIOR TO OCCUPANCY. ERECTION AND/OR TRANSPORTATION SINCE ERECTION SHEET 6 S-5 RTTO8 20' SECTION ASSEMBLY EQUIPMENT AND METHODS ARE UNKNOWN. WELDING INSPECTION TASK PER AISC 360, TABLE N5.4-1, -2 & -3. SHEET 7 S-6 RTTO8 20' LEG WELDMENT TOWER GROUNDING SHALL COMPLY WITH ALL LOCAL AND SHEET 8 S-7 RTTD6 20' SECTION ASSEMBLY NATIONAL CODES. GROUNDING TO BE DONE BEFORE ALL HIGH-STRENGTH BOLTING SHALL BE INSPECTED BY AN APPROVED SHEET 9 S-8 RTTD6 20' LEG WELDMENT FRRECTION TESTING AGENCY IN ACCORDANCE WITH THE CBC 2016 1705.2.1. SUCH SHEET 10 S-9 RTTO4 20' SECTION ASSEMBLY INSPECTION MAY BE PERFORMED ON A PERIODIC BASIS IN ASSORANCE WITH 9. THE TOWER IS DESIGNED TO SUPPORT ONLY THE ANTENNAS THE REQUIREMENTS OF THE CBC 2016. SUBMIT INSPECTOR QUALIFICATIONS SHEET 11 S-10 RTTD4 20' LEG WELDMENT IN ACCORDANCE WITH CBC 2016 PRIOR TO OBTAINING BUILDING PERMIT AS SHOWN ON THE DRAWINGS. THE ENGINEER WILL NOT BE SHEET 12 S-11 RTSO2 20' SECTION ASSEMBLY RESPONSIBLE FOR OVERSTRESS CONDITIONS WHICH MAY SUBMIT INSPECTION REPORTS TO THE DEVELOPMENT DEPARTMENT, BUILDING OCCUR DUE TO DEVIATIONS IN ANTENNA SIZES AND/OR AND SAFETY SERVICES DIVISION PRIOR TO OCCUPANCY. SHEET 13 RTS02 20' LEG WELDMENT LOCATIONS FROM THOSE SHOWN ON THE DRAWINGS. SHEET 14 S-13 RTSO2A 20' SECTION ASSEMBLY HIGH STRENGTH BOLT INSPECTION TASK PER AISC 360. TABLE N5.6-1. -2 & -3. 10. ALL WORK SHALL COMPLY WITH OSHA SAFETY SHEET 15 S-14 RTS02A 20' LEG WELDMENT REQUIREMENTS. PROCEDURES FOR THE PROTECTION OF SHEET 16 S-15 RTS02B 10' SECTION ASSEMBLY EXCAVATIONS, EXISTING CONSTRUCTION AND UTILITIES 3. CONCRETE CONSTRUCTION INSPECTION SHALL INCLUDE THE FOLLOWING SHALL BE ESTABLISHED PRIOR TO FOUNDATION PER THE CBC 2016, TABLE 1705.3: SHEET 17 S-16 RTS02B 10' LEG WELDMENT INSTALLATION SHEET 18 S-17 RTSO2 TOP CAP ASSEMBLY * INSPECTION REINFORCEMENT, INCLUDING PRESTRESSING TENDONS, AND 11. ALL FACE WIDTHS ARE FROM CENTER LINE OF PIPE. VERIFY PLACEMENT * INSPECT ANCHORS CAST IN CONCRETE * VERIFY USE OF REQUIRED DESIGN MIX 12. STEEL PIPE CONFORMS TO ASTM A53. PLATES, BAR, AND st INSPECT FORMWORK FOR SHAPE , LOCATION AND DIMENSIONS OF THE ANGLE CONFORMS TO ASTM A36. STRUCTURAL TUBING CONCRETE MEMBER BEING FORMED. CONFORMS TO ASTM A-513 C1020 DOM TYPE 5. ALL WELDING CONFORMS TO A.W.S. D1.1 LATEST REVISION. ALL GALVANIZING CONFORMS TO ASTM A-123 AND A-153 APPROVALS NOTE: ALL INSPECTIONS SHALL BE PREFORMED PERIODIC ONLY AT TIME OF PROJECT. FOR HARDWARE TAM DRZOGZ 150' SELE-SUPPORT TOWER HECKED ISP SUPPLIES ENG. APPD. SIZE CAGE CODE DRAWING NO. T-1DO NOT SCALE DRAWING SCALE 1" - 1" SHEET 1 OF

































