GENERAL NOTES:

1. CONSTRUCTION CODE: 2008 INTERNATIONAL BUILDING CODE (IBC) TM-222-2 AS REFERENCED BY THE IBC.
2. SITE DESCRIPTION: EXISTING OFFICE PROPERTY AT WASHINGTON STATE UNIVERSITY, EAST OF LDG BUILDING.

DESIGN LOADS:

1. WIND LOAD
   85 MPH BASIC WIND SPEED, EXPOSURE "C"
2. SEismic LOAD (4.759 X 1.175' W):
   ASCE 7-05, 1.5 X SITE CLASS D
   S0-4.283, S1-3.058
3. SOIL SEISMIC:
   BC TABLE 1994, CLASS 5 SOIL.
4. ANTENNA AREA:
   ANTENNA 1 = 8.9 SF
   ANTENNA 2 = 10.7 SF

STRUCTURAL AND MISCELLANEOUS STEEL:

1. ALL STRUCTURAL AND MISCELLANEOUS STEEL SHALL CONFORM TO A514 OR A517, SHAPES AND PLATES, A360 AND SPANS B FOR TUNNEL, AND A572 GR. 50 STEEL OF TYPE E OR F ON 5" PIPING.
2. STRUCTURAL AND MISCELLANEOUS STEEL FABRICATIONS SHALL BE DETAILED, FABRICATED, AND ERRECTED PER AISC SPECIFICATIONS AND THE MANUAL OF STEEL CONSTRUCTION 13TH EDITION.
3. WELDING SHALL CONFORM TO AWS D1.1, E7016 OR E7018 ELECTRODES CONFORMING TO A514 SPECIFICATION A1 OR A572 GR. 50 CLASSES 4X, 5X, 6X, UNLESS OTHERWISE SPECIFIED. ONLY LOW HYDROGEN ELECTRODES SHALL BE USED.

CONCRETE:

1. ALL CONCRETE SHALL COMPLY WITH THE REQUIREMENTS OF ACI 318-05 AND SHALL SUPERV 2,500 PSI MINIMUM COMpressive STRENGTH AT 28 DAYS UNLESS NOTED OTHERWISE. MAXIMUM WATER CEMENT 0.42.
2. REINFORCING STEEL SHALL CONFORM TO A500 GRADE B, DIA. 6 OR SMALLER, SHAPE ROD. REBAR SHALL BE WELDED AND CONFORM TO A500 GRADE B.
3. ALL REINFORCEMENT LAP SPACES SHALL BE A MINIMUM OF NO BAR DIAMETERS, BUT NOT LESS THAN 12 INCHES, UNLESS OTHERWISE NOTED. WORKS SHALL BE ACI STANDARDS.
4. BOND NEW CONCRETE TO EXISTING CONCRETE WITH "Epoxy 315-6" HYDROPHOBIC BONDING AGENT MANUFACTURED BY "URS CORPORATION" OR "EPOC" FIT MODEL PRODUCTS CO. OR APPROVED EQUIVALENT. INSTALLED STRICTLY IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
5. 2" MINIMUM COVER FOR REINFORCING SHALL BE PROVIDED FOR CONCRETE CAST AGAINST EARTH AND 2" MINIMUM COVER SHALL BE PROVIDED FOR REINFORCING IN ALL OTHER CONCRETE UNLESS NOTED.
GENERAL ARRANGEMENT PLAN

1/4"=1'-0"

NOTES:
1.) FOR FOUNDATION PLANS AND DETAILS SEE 11050-F-001D.
2.) FOR STRUCTURAL GENERAL NOTES SEE 11050-M-002D.
3.) FOR GROUNDING SEE 11050-F-002D.
TOWER FOUNDATION

TOWER EMBEDDED BASE

EMBEDDED BASE PLATE DETAILS

NOTE:
ALL PLATE TO BE ASTM A36.
ENCLOSURE FOUNDATION

NOTE: ALL GROUND CONNECTIONS TO BE MADE WITH EXOTHERMIC WELDED JOINTS (TYP).

TOWER GROUNDING

NOTES:
1) FOR STRUCTURAL GENERAL NOTES SEE 110504-0000.