

SCALE: 1" = 10'



BENCHMARK:
PK NAIL IN CONCRETE
APPROX. 55' SW OF DPS SHELTER
ELEVATION= 3977.3' (NAVD88)

CONSTRUCTION NOTES

1. CONSTRUCT RETAINING WALL PER DETAILS SHEET 10
2. INSTALL BOLLARD PER DETAIL 4 SHEET 12
3. CONSTRUCT TOWER FOUNDATION PER SHEET 16. SEE GRADING PLAN FOR ELEVATION.
4. INSTALL 8' TALL CHAIN LINK FENCE PER SHEET 13.
5. CONSTRUCT GENERATOR PAD PER DETAIL 5 SHEET 12. CONTRACTOR TO INSTALL GENERAC GENERATOR SG045 PER MANUFACTURER'S RECOMMENDATIONS.
6. CONSTRUCT PROPANE TANK PAD PER DETAIL 1 SHEET 12. CONTRACTOR TO INSTALL 500 GAL. (AMERICAN TANK) PROPANE TANK PER MANUFACTURER'S RECOMMENDATIONS.
7. INSTALL (2) 8' CHAIN LINK GATES PER DETAIL 3 SHEET 13.
8. INSTALL 4' CHAIN LINK ACCESS GATE PER DETAIL 4 SHEET 13.
9. CONSTRUCT HELIPAD PER SECTION B-B SHEET 9.
10. EXISTING SAGUARO CACTUS TO BE REMOVED.
11. CONSTRUCT SHELTER FOUNDATION PER DETAIL 6 SHEET 2.
12. CONSTRUCT ACCESS ROAD PER SECTION A-A SHEET 9. (212 SQ. YDS.)
13. CONSTRUCT WAVEGUIDE/CLIMBING LADDER FOUNDATION AT SAME ELEVATION AS TOWER FOUNDATION. SEE VALMONT DRAWING INCLUDED THIS SET.
14. CONSTRUCT CONCRETE "H" HELIPAD MARKING PER DETAIL 7 SHEET 12. COORDINATE ORIENTATION WITH CITY OF MESA.
15. INSTALL (1)1/2" I.P.S. NOMINAL ASTM A-120 SCHEDULE 80 BLACK IRON PIPE AND (1) 2" RGS CONDUIT FOR FUEL SENSOR FROM GENERATOR TO PROPANE TANK (UNDERGROUND)
16. INSTALL (1)3" CONDUIT FOR BACK-UP POWER AND (1)1-1/2" CONDUIT FOR SENSOR FROM GENERATOR TO A.T.S.
17. INSTALL (1)1-1/2" CONDUIT FOR CHARGER AND HEATER CIRCUITS TO PANEL.
18. INSTALL 2" CONDUIT TO SHELTER. (CAN BE ABOVE GROUND PAST RETAINING WALL) COORDINATE WITH THE CITY OF MESA.
19. FENCE POST TO BE EMBEDDED A MIN' OF (2) FEET INTO CMU WALL.
20. LOWER FENCE TO TERMINATE AT RETAINING WALL. UPPER FENCE TO TERMINATE IN RETAINING WALL. 0.5' MAX. CLEARANCE BETWEEN POSTS.
21. INSTALL 180' VALMONT TOWER PROVIDED BY THE ARIZONA DEPARTMENT OF PUBLIC SAFETY. SEE SHEETS 17-22.
22. INSTALL 20'X24' THERMOBOND SHELTER PROVIDED BY THE ARIZONA DEPARTMENT OF PUBLIC SAFETY. SEE SHEETS 23-31.

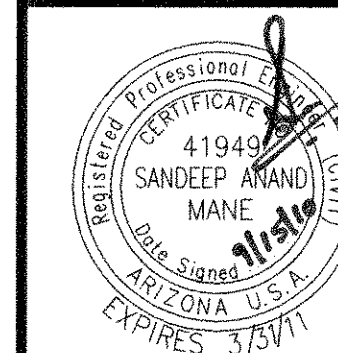
NOTES:

1. HELIPAD SIZE BASED UPON THE MD500E WITH ROTOR DIAMETER OF 26.4'.
2. HELIPAD IS DESIGNED FOR MAXIMUM TAKE OFF WEIGHT OF 14,500 LBS.
3. ICE BRIDGE DESIGN/CONSTRUCTION TO BE COORDINATED BY THE CITY OF MESA
4. CONSTRUCTION WITHIN EXISTING EASEMENTS TO BE COORDINATED BY THE CITY OF MESA.

CALL TWO WORKING DAYS BEFORE SITE CENTER
602-263-1100
OR 811
INSIDE MARICOPA COUNTY



2151 EAST BROADWAY ROAD, SUITE 217, TEMPE, AZ 85282
VOICE: 480.905.8889 FAX: 480.905.8818



CITY OF MESA
ENGINEERING DEPARTMENT

THOMPSON PEAK
COMMUNICATION TOWER

DRAWN BY: BCH
ENGINEER: SAM
APPROVED BY: F RUSTAM

SITE PLAN

DRAWING
5

340 W.D. 4399
PROJ. NO. 02-410-001

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CATALOG NUMBER:
A-139260

