

MEMORANDUM FOR U.S. Army Corps of Engineers, Shahrukh Shahzada, P.E., Resident Engineer,  
Fort Bliss Resident Office, 6380 Erry Circle, Fort Bliss, Texas 79916

SUBJECT: Final As-Built Drawings requirements provided by Master Planning, Directorate of Public  
Works (DPW), Fort Bliss, Texas, 79916.

The following shall be provided to DPW Engineering Service Division:

1. AutoCAD – 2 CD copies, each CD shall include CAD and PDF drawings. CAD drawings files shall be saved as 2015 AutoCAD version.
2. Reproducible on Mylar – 1 set. Mylar shall have a 3 mil minimum thickness.
3. External reference files shall be bound to the respective drawing. External reference files shall be provided electronically in a separate electronic folder.
4. Drawings shall have accurate dimensions and coordinates. Drawings shall indicate utility lines depth information.
5. When projects are design with fast track/non fast track packages and/or in phases, the final record drawing package shall be coherently organized.
6. All drawings shall indicate “Final As-built Drawings”, include date when as-built drawing was completed. Include final as-built drawing and completion date on the bottom right hand corner of each sheet.
7. All modifications during construction shall be incorporated into the final as-built drawings. All modifications/corrections shall be addressed electronically, no red line corrections are allowed on final as-built drawings.
8. Provide all final record “shop drawings” in AutoCAD and in PDF format, i.e. fire sprinkler systems, fire alarm systems, mass notification systems, HVAC controls system, millwork, sound, data systems, etc. Include all such final record “shop drawings” on a separate electronic folder when submitting final as-built drawings.
9. Submit all final record drawings to the assigned DPW POC in the Engineering Service Division.
10. Point of contact on this matter is Lorenzo Molina , Construction Branch, Directorate of Public Works at (915)569-5520 , or by email: Lorenzo.m.molina.civ@mail.mil



LORENZO MOLINA, R.A.  
Construction Branch Chief, DPW

The following are the requirements for turning over as-built drawings to the Fort Bliss DPW Master Planning division.

1. 1 set of Autocad DWG files. (2CDs)
2. 1 set of PDF files. (2CDs)
3. 1 set of mylar hard copies.
4. The above must contain all the required disciplines for a complete and viable product, i.e. general, civil, architectural, landscaping, irrigation, plumbing, mechanical, electrical, fire and etc.
5. The drawings shall be stamped 'as-built' in the bottom right hand corner underneath the title block.
6. All modifications and RFI's shall be incorporated into the drawings and no drawings shall be marked up (or in other words "Red lined").
7. All external reference (XRef) files shall be included.
8. All external reference (XRef) files shall bound to make each drawing sheet.
9. Any maps including all civil drawings must be in a viable coordinate system. If the initial maps are received from Master Planning they will be in Texas State Plane Central FIPS 4203 NAD 1983 or GCS 1984 UTM 13N.
10. All drawings will have accurate dimensions.
11. All piping and ducting will have accurate sizes.
12. All underground utilities will have accurate depths listed.
13. All drawings sets shall be coherently organized not divided into fast track/non fast track or any other incomprehensible package.
14. All turning points, brass caps, survey points, etc will have their pertinent information listed on the drawings.
15. Internal engineering projects and PRIDE should follow these requirements also.