1. ALL STEEL SURFACES WHICH WILL BE IN CONTACT WITH CONCRETE SHALL BE CLEANED OF all ADHESIVE RUST, SCALE, DIRT, DRY ABRASIVE OR OTHER FOREIGN MATTER.

2. DRILLED HOLES IN THE STEEL PLATE SHALL BE 1/4 INCH LARGER THAN THE NOMINAL DIAMETER OF THE BOLT AND ON CONCRETE SHALL BE OF THE SAME NOMINAL DIAMETER AS THE CARBON STEEL STUD WEDGE EXPANSION ANCHOR GRADE "K".


4. STRUCTURAL STEEL TYPE:
(a) BASE PLATE - ASTM A36, Fy = 36KSI
(b) STRUCTURAL TUBE - ASTM A500 GR8, Fy = 46KSI
(c) STEEL WEDGE - ASTM A36, Fy = 36KSI
(d) CARBON STEEL STUD WEDGE EXPANSION ANCHOR GRADE "K" FOR HEAVY DUTY AS PER ASTM A325 AND FS 5.1.11.1-30: 1-1/4 X 1-1/2 X 7/16 X 1/4 X 3/8 HEAVY DRILLED SCREW, NO. 3 DRAIN POINT.

5. WELDING ELECTRODES: E70 XX.

6. EXPANDED METAL TYPE TO BE USED MUST BE 1 1/2" NO. 8 PLATED ROLLED FIP GALVANIZED AS PER ASTM A 133.

7. THE CONCRETE COMPRESSIVE STRENGTH FOR CONSTRUCTION OF BLOCKOUT SECTION SHALL USE THE COMPREHENSIVE STRENGTH OF CONCRETE PARAPET.

8. ALL POSTS MUST BE PROTECTED TO AVOID WATER ENTRANCE.

9. THE ANCHOR BOLTS, NUTS, WASHERS, BASE PLATE, CIRCULAR PLATE, PARTNERS AND STEEL WEDGES MUST BE GALVANIZED.

10. MINIMUM UNLOADING OF BOLTS IN CONCRETE MUST BE 4 INCHES.

11. MINIMUM SIZE OF WELDS IS 3/16" UNLESS OTHERWISE INDICATED.

12. METAL WHICH HAS BEEN SHOP COATED SHALL BE TOUCHED UP WITH THE SAME TYPE THUS TOUCH UP SHALL INCLUDE CLEANING AND PAINTING OF FIELD OF PAINT AS THE SHOP COAT. CONNECTIONS, WELDS AND ALL DAMAGED AREAS.

13. ALL WELDS MUST BE TREATED WITH GALVANIC AGENT TO PROTECT IT FROM CORROSION.

14. PARAPET AREA TO BE DEMOLISHED FOR POST INSTALLATION MUST BE 2 INCHES LENGTH BY 2 INCHES DEPTH.

15. PREVENSIONS SHALL BE MADE TO CUT EXPANDED METAL NEAR BRACKET PLATE WHEN OCCURS.

16. THE PORTION OF STRUCTURAL TUBE AND BASE PLATE TO BE EMBEDDED IN CONCRETE MUST BE COVERED WITH A STRUCTURAL BONDING AGENT PRIOR TO CASTING NEW CONCRETE.

17. ANY EXISTING ALUMINUM RALING ON TOP OF PARAPET SHALL BE REMOVED AND DELIVERED TO THE OWNER.

18. ANY EXISTING BOLTS WHICH WILL BE CUT FLAT TO THE CONCRETE SURFACE. THE REMOVAL DELIVERING AND ANY CUT EXPOSED BOLTS SHALL BE CONSIDERED A SUBSIDARY OBLIGATION OF THE CONTRACTOR AND ITS COST INCLUDED IN THE BID QUOTATION PAY TABLE.

19. THE SECTION OF CONCRETE PARAPET TO BE REMOVED SHALL BE SAWN CUT TO INCH DEPTH TO PROVIDE A STRAIGHT JOINT.

20. BEFORE POLISHING THE CLASS A CONCRETE THE FACES OF THE EXISTING PARAPET SHALL BE COVERED WITH AN EPOXY COAT AND SHALL BE COMPLIANT WITH SPECIFICATION 812.

21. ALL PARAPET END CAPS TERMINAL AT EACH END SIDE OF BOARDING IMPAX TO THE CONTRACTOR TO INSTALL.

22. THE STRUCTURAL BONDING AGENT SHELL BE APPLIED TO THE SURFACE OF THE BLOCKOUTS, THE METAL TYPES AND ACCESSORIES IN THIS SECTION.

23. THE STRUCTURAL BONDING AGENT SHELL BE CONSIDERED A SUBSIDARY OBLIGATION BY THE CONTRACTOR AND ITS COST INCLUDED IN THE "EXPANDED METAL FENCE" PAY ITEM.

24. FOR BLOCKOUT SECTION TO BE REMOVED IN EXISTING CONCRETE PARAPET, THE CONTRACTOR SHALL USE A SOLE MAX. CHIPPING HAMMER. THE CHIPPING HAMMER SHALL BE ELECTRICALLY OR HYDRAULICALLY POWERED.

25. THE DETAILS AND SECTIONS ON SHEET MBD 2 AND MBD 3.