GENERAL NOTES

SURFACE PREPARATION, EXISTING SUPPORT SECTIONS

EXISTING, WEATHERED GALVANIZED SUPPORT SECTIONS SHALL HAVE THEIR SURFACE PREPRATION AS WELL AS THEIR PROTECTIVE COATING UNDER CONDITIONS OF TEMPERATURE AND HUMIDITY WITHIN THE SAME RANGE AS SPECIFIED BY THE MANUFACTURER OF THE EPOXY - PRIME COAT MATERIAL TO BE USED IMMEDIATELY AFTER THIS CLEANING OPERATION. THE SUPPORT SECTIONS SHALL BE PREPARED FOR COATING BY SSPC - SPI FOLLOWED BY SSPC - SP6 (SOLVENT CLEANING FOLLOWED BY A COMMERCIAL BLAST CLEANING). BEFORE THE PREPARED SURFACE DEGRADES FROM THE PRESCRIBED STANDARDS. THE PRIME COAT SHALL BE APPLIED. IN EVERY CASE, THE SURFACE SHALL BE COATED WITH THE EPOXY PRIME COAT ON THE SAME DAY AS THE SURFACE PREPARATION. CAREFUL HANDLING AND STORAGE WILL BE REQUIRED TO PREVENT ANY SCRAPING. MARRING. OR OTHER SURFACE DAMAGE TO THE PREPARED SURFACE.

PAYMENT SHALL INCLUDE ALL LABOR. EQUIPMENT. HANDLING. TRANSPORTATION COSTS AND MATERIALS 'NECESSARY TO ACCOMPLISH THIS ITEM OF WORK PER MAJOR SUPPORT SECTION.

BASIS OF PAYMENT WILL BE AS FOLLOWS:

SPECIAL: SURFACE PREPARATION. EXISTING SUPPORT SECTIONS AT CONTRACT BID PRICE PER EACH MAJOR SUPPORT SECTION.

COATING, EPOXY - PRIME COAT, SUPPORT SECTIONS

THIS ITEM SHALL CONSIST OF THE APPLICATION OF ONE (I) COAT OF AN EPOXY PRIMER TO SUPPORT SECTIONS. THE TOTAL DRY FILM THICKNESS OF THIS COAT SHALL BE BETWEEN 1.5 AND 2.0 MILS. IF MORE THAN ONE PASS IS NECESSARY TO OBTAIN THE REQUIRED THICKNESS, THAT COAT SHALL BE BORNE BY THE CONTRACTOR.

THIS COAT SHALL IN ALL CASES BE APPLIED BY BRUSH OVER SURFACES THAT WERE PREPARED EARLIER THAT SAME DAY. THE THINNING OF THE EPOXY MATERIAL IS STRICTLY PROHIBITED. MATERIAL NOT CAPABLE OF BEING APPLIED AS SPECIFIED SHALL NOT BE USED.

WHEN THE AVERAGE DRY FILM THICKNESS OF THIS COAT OVER THE ENTIRE SUPPORT SECTION IS LESS THAN THE SPECIFIED 1.5 BUT US AT LEAST 1.25 MILS, THE CONTRACT BID PRICE FOR THIS ITEM SHALL BE REDUCED IN DIRECT PROPORTION TO THE PERCENT DEFICIENCY OF COATING UP TO 16-2/3%. IF THE DEFICIENCY OF COATING IS MORE THAN 16-2/3% (I.E. THE AVERAGE DRY FILM THICKNESS IS LESS THAN 1.25 MILS) THE WORK FOR THIS ITEM SHALL BE CONSIDERED UNSATISFACTORY AND SHALL BE RECOATED AT THE FULL EXPENSE OF THE CONTRACTOR. INCLUDING ALL LABOR. EQUIPMENT AND MATERIAL.

THE EPOXY PRIME COAT CHOSEN BY THE CONTRACTOR SHALL BE ONE OF THE FOLLOWING TWO-COMPONENT COMPOSITIONS CONFORMING TO ITS LISTED PROPERTIES:

AMERCOAT 71

% SOLIDS BY VOLUME : 47% +/- 3 %

8 HRS. @ 77 DEGREES F (26 DEGREES C) POT LIFE: DRYING TIME : 4 HRS. @ 77 DEGREES F

GLID-GUARD CORROSION RESISTANT HS EPOXY NO. 5465 % SOLIDS BY VOLUME : 54% +/- 2%

% SOLIDS BY WEIGHT: 71 % +/- 2%

POT LIFE:

4 HRS. @ 70 DEGREES F

DRYING TIME : TOUCH 1-2 HRS., RECOAT-7 HRS. (70

~VISCOSITY: 95-100 KU

MCR-4301 EPOXY PRIMER

% SOLIDS BY VOLUME : 48.0% +/- 2%

30 HRS. @ 50-60 DEGREES F POT LIFE: 16 HRS. @ 80-100 DEGREES F

4-6 HRS. @ 50-60 DEGREES F DRYING TIME :

MARK-60 ULTRAPOX

% SOLIDS BY WEIGHT: 70-75% +/- 2%

6 HRS. @ 75 DEGREES F POT LIFE:

2-3 HRS. INITIAL SET @ 75 DEGREES F DRYING TIME :

VISCOSITY: 300-500 CPS @ 75 DEGREES F

TILE-CLAD II HI-BILD PRIMER

% SOLIDS BY VOLUME : 48% +/- 2%

% SOLIDS BY WEIGHT: 63% +/- 2%

8 HRS. @ 77 DEGREES F POT LIFE:

@ 77 DEGREES F
I HR. TO TOUCH , 6 HRS. TO RECOAT DRYING TIME :

FOR NEW SUPPORT SECTIONS THIS PRIME COAT SHOULD BE DONE AT THE MANUFACTURER OF THE SUPPORT SECTIONS. VERIFICATION BY THE MANUFACTURER OF THE COATING MATERIAL FOR THE PRIME COAT PROCEDURES WILL BE REQUIRED. CAREFUL HANDLING AND STORAGE WILL BE REQUIRED TO PREVENT ANY SCRAPING. MARRING OR OTHER SURFACE DAMAGE TO THE PRIME COAT.

THE PAYMENT SHALL INCLUDE ALL LABOR, EQUIPMENT, HANDLING COSTS. AND MATERIALS NECESSARY TO ACCOMPLISH THIS ITEM OF WORK. THIS PRIME COAT SHALL BE MANUFACTURED BY THE SAME COMPANY SUPPLYING THE INTERMEDIATE AND TOP COATS. A PROPERLY CALIBRATED DRY FILM THICKNESS INSTRUMENT WILL BE USED TO CHECK THE COATING.

BASIS OF PAYMENT WILL BE AS FOLLOWS:

SPECIAL: COATING, EPOXY PRIME COAT, SUPPORT SECTIONS, AT CONTRACT BID PRICE PER EACH MAJOR SUPPORT SECTION.

COATING EPOXY INTERMEDIATE COAT, SUPPORT SECTIONS

THIS ITEM SHALL CONSIST OF THE APPLICATION OF ONE (I) COAT OF EPOXY TO SUPPORT SECTIONS. THE TOTAL DRY FILM THICKNESS OF THIS COAT SHALL NOT BE LESS THAN SIX (6.0) MILS. IF MORE THAN ONE PASS IS NECESSARY TO OBTAIN THE REQUIRED THICKNESS, THAT COAT SHALL BE BORNE BY THE CONTRACTOR. THIS COAT SHALL BE APPLIED BY BRUSH. THINNING OF THE EPOXY MATERIAL IS STRICTLY PROHIBITED. MATERIAL NOT CAPABLE OF BEING APPLIED AS SPECIFIED SHALL NOT BE USED.

WHEN THE AVERAGE DRY FILM THICKNESS OF THIS COAT OVER THE ENTIRE SUPPORT SECTION IS LESS THAN THE SPECIFIED SIX (6.0) MILS, BUT IS AT LEAST FIVE (5.0) MILS, THE CONTRACT PRICE FOR THIS ITEM SHALL BE REDUCED IN DIRECT PROPORTION TO THE PERCENT DEFICIENCY OF COATING UP TO 16-2/3%. IF THE DEFICIENCY OF COATING IS MORE THAN 16-2/3 %. (1.E. THE AVERAGE FILM THICKNESS IS LESS THAN 5.0 MILS), THE WORK FOR THIS ITEM SHALL BE CONSIDERED UNSATISFACTORY AND SHALL BE RECOATED AT THE FULL EXPENSE OF THE CONTRACTOR. INCLUDING ALL LABOR, EQUIPMENT, AND MATERIAL. THE EPOXY INTERMEDIATE COAT CHOSEN BY THE CONTRACTOR SHALL BE ONE OF THE FOLLOWING TWO-COMPONENT COMPOSITIONS CONFORMING TO ITS LISTED PROPERTIES:

AMERLOCK 400

% SOLIDS BY VOLUME : 83% +/- 2%

POT LIFE: 2-1/2 HRS. @ 70 DEGREES F

DRYING TIME : 20 HRS. @ 70 DEGREES F

GLID-GUARD CORROSION RESISTANT HS EPOXY NO. 5466

% SOLIDS BY VOLUME : 54% +/- 2%

% SOLIDS BY WEIGHT : 71% +/- 2%

POT LIFE: 4 HRS. @ 70 DEGREES F

DRYING TIME : TOUCH 1-2 HRS., RECOAT 7 HRS. 70 DEGREES F. 50% R.H.)

VISCOSITY: 95-100 KU

MCR-4301 EPOXY PRIMER

% SOLIDS BY VOLUME : 48.0% +/- 2%

POT LIFE: 30 HRS. @ 50-0 DEGREES F, 16 HRS.

@ 80 DEGREES F

I-2 HRS. @ 60-80 DEGREES F DRYING TIME :

MARK-60 ULTRAPOX

% SOLIDS BY WEIGHT: 70-75% +/- 2%

POT LIFE: 6 HRS. @ 75 DEGREES F

DRYING TIME : 2-3 HRS. INITIAL SET @ 75 DEGREES F

HI-SOLIDS CATALYZED EPOXY

% SOLIDS BY VOLUME: 61% +/- 2% (SLATE GRAY)

% SOLIDS BY WEIGHT: 77% +/- 2%

POT LIFE: 5 HRS. @ 77 DEGREES F DRYING TIME :

I HR. TO TOUCH , 4 HRS. TACK FREE 6 HRS. TO RECOAT @ 77 DEGREES F , 50% R.H.

AT LEAST 24 HOURS BUT NO MORE THAN THREE (3) DAYS SHALL ELAPSE AFTER THE APPLICATION OF THE EPOXY PRIME COAT AND BEFORE THE APPLICATION OF THE EPOXY INTERMEDIATE COAT. SURFACES SHALL IN ALL CASES BE CLEAN BEFORE THE

INTERMEDIATE COAT IS APPLIED.

FOR NEW SUPPORT SECTIONS, THE INTERMEDIATE COAT SHOULD BE DONE AT THE MANUFACTURER OF THE SUPPORT SECTIONS. VERIFICATION BY THE MANUFACTURER FOR THE INTERMEDIATE COAT PROCEDURE WILL BE REQUIRED. CAREFUL HANDLING AND STORAGE WILL BE REQUIRED TO PREVENT ANY SCRAPING, MARRING OR OTHER SURFACE DAMAGE TO THE INTERMEDIATE COAT.

THE PAYMENT SHALL INCLUDE ALL LABOR, EQUIPMENT, HANDLING COSTS AND MATERIAL NECESSARY TO ACCOMPLISH THIS ITEM OF WORK. THIS INTERMEDIATE COAT SHALL BE MANUFACTURED BY THE SAME COMPANY SUPPLYING THE PRIME AND TOP COATS. A PROPERLY CALIBRATED DRY FILM THICKNESS INSTRUMENT WILL BE USED TO CHECK THE COATING.

BASIS OF PAYMENT WILL BE AS FOLLOWS:

SPECIAL: COATING, EPOXY, INTERMEDIATE COAT, SUPPORT SECTIONS AT CONTRACT BID PRICE PER EACH MAJOR SUPPORT SECTION.

COATING, URETHANE TOP COAT, SUPPORT SECTIONS

THIS ITEM SHALL CONSIST OF THE APPLICATION OF ONE (I) COAT OF URETHANE TO SUPPORT SECTIONS. THE TOTAL DRY FILM THICKNESS OF THIS COAT SHALL NOT BE LESS THAN ONE AND ONE-HALF (1.5) MILS. IF MORE THAN ONE PASS IS NECESSARY TO OBTAIN THE REQUIRED THICKNESS, THAT COAT SHALL BE BORNE BY THE CONTRACTOR. THIS COAT SHALL BE APPLIED BY BRUSH. THINNING OF THE URETHANE MATERIAL IS STRICTLY PROHIBITED. MATERIAL NOT CAPABLE OF BEING APPLIED AS SPECIFIED SHALL NOT BE USED.

WHEN THE AVERAGE DRY FILM THICKNESS OF THIS COAT OVER THE ENTIRE SUPPORT SECTION IS LESS THAN THE SPECIFIED ONE AND ONE-HALF (1.5) MILS BUT IS AT LEAST ONE (1.0) MIL, THE CONTRACT PRICE FOR THIS ITEM SHALL BE REDUCED IN DIRECT PROPORTION TO THE PERCENT DEFICIENCY OF COATING UP TO 33 1/3%. IF THE DEFICIENCY OF THE COATING IS MORE THAN 33 1/3% . (I.E. THE AVERAGE DRY FILM THICKNESS IS LESS THAN I.O MIL). THE WORK FOR THIS ITEM SHALL BE CONSIDERED UNSATISFACTORY AND SHALL BE RECOATED AT THE FULL EXPENSE OF THE CONTRACTOR, INCLUDING ALL LABOR. EQUIPMENT AND MATERIAL.

THE URETHANE TOP COAT CHOSEN BY THE CONTRACTOR SHALL BE ONE OF THE FOLLOWING MATERIALS CONFORMING TO ITS LISTED PROPERTIES:

AMERCOAT 450 GL

% SOLIDS BY VOLUME : 45% +/- 2%

20 HRS. @ 77 DEGREES F POT LIFE:

DRYING TIME : 8 HRS. @ 77 DEGREES F DRY THROUGH

GLID-THANE II POLYURETHANE NO. 6200

% SOLIDS BY VOLUME : 40.3 +/- 2%

% SOLIDS BY WEIGHT : 57.8 +/- 2%

HYTHANE % SOLIDS BY VOLUME : 42 +/- 2%

POT LIFE: 16 HRS. @ 50 DEGREES F

12 HRS. @ 75 DEGREES F

MARK-73 (ULTRA-KOTE)

% SOLIDS BY VOLUME : 52.5% +/- 2%

% SOLIDS BY WEIGHT: 55% +/- 2%

8 HRS. @ 75 DEGREE F POT LIFE:

DRYING TIME :

4-5 HRS. @ 75 DEGREES F TACK FREE VISCOSITY: 70-75 KU @ 75 DEGREES F

HI-BILD ALIPHATIC POLYURETHANE ENAMEL

% SOLIDS BY VOLUME : 40% +/- 2% (CATALYZED)

% SOLIDS BY WEIGHT: 48 % +/- 2%

POT LIFE: 6 HRS. @ 77 DEGREES F

30 MIN. TO TOUCH, 4 HRS. TAK FREE DRYING TIME : 18 HRS. MIN. 72 HRS. MAX TO RECOAT

AT LEAST 24 HOURS BUT NO MORE THAN THREE (3) DAYS SHALL ELAPSE AFTER THE APPLICATION OF THE EPOXY INTERMEDIATE COAT AND BEFORE THE APPLICATION OF THE URETHANE TOP COAT. SURFACES SHALL IN ALL CASES BE CLEAN BEFORE THE TOP

FOR NEW SUPPORT SECTIONS, THIS TOP COAT SHOULD BE DONE AT THE MANUFACTURER OF THE SUPPORT SECTIONS. VERIFICATION BY THE MANUFACTURER FOR THE TOP COAT PROCEDURE WILL BE REQUIRED. CAREFUL HANDLING AND STORAGE WILL BE REQUIRED TO PREVENT ANY SCRAPING. MARRING OR OTHER SURFACE DAMAGE TO THE TOP COAT.

THE PAYMENT SHALL INCLUDE ALL LABOR, EQUIPMENT, HANDLING COST AND MATERIALS NECESSARY TO ACCOMPLISH THIS ITEM OF WORK. THIS TOP COAT SHALL BE MANUFACTURED BY THE SAME COMPANY SUPPLYING THE PRIME AND INTERMEDIATE COATS. A PROPERLY CALIBRATED DRY FILM INSTRUMENT WILL BE USED TO CHECK THE COATING.

BASIS OF PAYMENT WILL BE AS FOLLOWS:

COAT IS APPLIED.

SPECIAL: COATING, URETHANE TOP COAT, SUPPORT SECTIONS AT CONTRACT BID PRICE PER EACH MAJOR SUPPORT SECTION.