SECTION 09 96 23 -ANTI GRAFFITI COATINGS

- 1.1 General
- J. SECTION INCLUDES:
- 1. ANTI-GRAFFITI COATING APPLIED TO EXTERIOR A. PROVIDE WATER- BASE SACRIFICIAL COATING FOR CONTROL OF GRAFFITI ON MOST BUILDING SURFACES.
- 1. PROVIDE MANUFACTURE'S INSTALLATION INSTRUCTION: INDICATE SPECIAL PROCEDURES AND CONDITIONS REQUIRING SPECIAL ATTENTION AND MANUFACTURER'S RECOMMENDED MAINTENANCE.
- PROVIDE (1) UNOPENED GALLON OF 'SC-1X' GRAFFITI REMOVER WITH INSTRUCTIONS FOR USE.
- C. APPLICATOR SHALL BE FROM A COMPANY SPECIALIZING IN PERFORMING WORK OF THIS SECTION WITH MINIMUM THREE YEARS
- DOCUMENTED EXPERIENCE, AND BE APPROVED BY THE COATING MANUFACTURER.
- D. PROTECT COATING LIQUID FROM FREEZING. E. DO NOT APPLY COATING WHEN AMBIENT OR SURFACE TEMPERATURE IS LOWER THAN 50 DEGREES F, OR HIGHER THAT 100 DEGREES F.

1.2 PRODUCTS

- A. PROSOCO, INC. (800-255-4255)
- B. SC-1: FOR SPRAY APPLICATIONS ON POROUS AND TEXTURED SURFACES.

C. SC-1X THICKENED LIQUID FOR BRUSH OR ROLLER APPLICATION TO SMOOTH, DENSE SURFACES.

- A. VERIFY JOINT SEALERS ARE INSTALLED AND CURES.
- B. VERIFY SURFACES TO BE COATED ARE DRY, CLEAN, AND FREE OF EFFLORESCENCE, OIL, OR OTHER MATTER DETRIMENTAL TO APPLICATION OF COATING. VERIFY COMPATIBILITY WITH EXISTING CONCRETE CURING PRODUCTS.
- C. REMOVE LOOSE PARTICLES AND FOREIGN MATTER.
- D. REMOVE OIL OR FOREIGN SUBSTANCES WITH A CHEMICAL SOLVENT WHICH WILL NOT AFFECT COATING.
- E. SCRUB AND RINSE SURFACES WITH WATER AND LET DRY.
- F. APPLY COATING IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
- G. FILM TO BE APPLIED WITH SEAMS IN HORIZONTAL DIRECTION OF GLAZING.
- H. PROTECT ADJACENT SURFACES NOT SCHEDULED TO RECEIVE COATING.
- I. IF APPLIED TO UNSCHEDULED SURFACES, REMOVE IMMEDIATELY BY A METHOD INSTRUCTED BY COATING MANUFACTURER.

END OF SECTION 09 96 23

SECTION 09 96 26 - STONE SEALER

1.1 META CRÈME IS AN INVISIBLE AND BREATHABLE IMPREGNATING SEALER THAT PROTECTS TILE, NATURAL STONE, PAVERS, CONCRETE, MASONRY AND GROUT AGAINST WATER, WATER - BORNE SALTS, OIL - BASED STAINS, EFFLORESCENCE, FREEZE - THAW SPALLING AND GRAFFITI. THE TREATMENT PERMANENTLY BONDS TO THE CAPILLARY PORES OF THE MATERIAL TO CHANGE ITS ADSORPTION CHARACTERISTICS. TREATED INDOORS AND OUTDOOR SURFACES BECOME EASIER TO CLEAN AND KEEP LOOKING GOOD FOR LONGER.

1.2 SUBMITTALS:

- A. SUBMIT FIELD SAMPLES.
- B. SUBMIT INDEPENDENT TEST DATA AVAILABLE THOUGH THE MANUFACTURER.
- C. SUBMIT A COPY OF THE MANUFACTURER'S LITERATURE FOR META CRÈME INCLUDING A MATERIAL SAFETY DATA SHEET.
- D. SUBMIT A COMPLETE SET OF THE MANUFACTURER'S APPLICATION RECOMMENDATIONS.

- A. MANUFACTURE QUALIFICATIONS: COMPANY SPECIALIZING IN MANUFACTURING THE PRODUCTS OF THIS SECTION WITH MINIMUM TEN YEARS
- B. INSTALLER QUALIFICATIONS: COMPANY SPECIALIZING IN PERFORMING THE WORK OF THIS SECTION WITH MINIMUM TWO YEARS
- . MOCK UP: APPLY A SAMPLE AT PROJECT SITE AS DIRECTED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS. DURING APPLICATION OF SAMPLE, NOTE THE RATE OF PRODUCT USE AND RESULT. AFTER 21 DAYS, TEST FOR STAIN RESISTANCE USING LIKELY CONTAMINANTS E.G. OLIVE OIL. TEST FOR DEPTH OF IMPREGNATION BY TREATING A SAMPLE AT THE PROPOSED APPLICATION RATE. AFTER 14 DAYS SPLIT THE SAMPLE DIAMETRICALLY AND SPRAY FACE WITH WATER - BASE FUGITIVE DYE. THE AREA NOT ABSORBING DYE INDICATES THE ZONE OF TREATMENT. THE MINIMUM DISTANCE FROM THE INTERFACE OF THE DYED FACE MUST BE RECORDED. THIS DISTANCE MUST BE DEEMED TO BE THE DEPTH OF PENETRATION OF THE APPLIED TREATMENT. DELIVER TO OWNER'S REPRESENTATIVE A COPY OF THE MANUFACTURER'S RECOMMENDATIONS, TOGETHER WITH A REPORT OF COVERAGE RATE AND STAIN RESISTANCE OF SAMPLE. SAMPLE WILL BE THE OWNER'S REPRESENTATIVE AND, IF APPROVED, SHALL BECOME THE CRITERIA FOR ACCEPTANCE OF WORK.

1.4 HANDLING OF PRODUCT:

- A. DELIVER MATERIAL TO JOB SITE IN UNDAMAGED, ORIGINAL CONTAINERS WITH LABELS INTACT AND LEGIBLE.
- B. STORE MATERIALS PROTECTED AND COVERED AT TEMPERATURES NOT EXCEEDING 95 DEG F (35DEG C) OR BELOW 40 DEG F (5DEG C).

C. STORE PRODUCT TIGHTLY CAPPED IN ITS ORIGINAL CONTAINER IN UPRIGHT POSITION.

- 1.5 PROTECT ENVIRONMENTAL CONDITIONS:
- A. SUBSTRATE SURFACE TEMPERATURES SHALL BE ABOVE 40DEG F (5 DEG C) AND BELOW 95 DEG F (35DEG C).
- C. DO NOT TAKE INTERNALLY. AVOID CONTACT WITH EYES AND SKIN. AVOID INHALING VAPORS. WEAR LATEX GLOVES AND SAFETY GOGGLES DURING APPLICATION. NO SMOKING, KEEP AWAY FROM NAKED LIGHTS OR IGNITION SOURCES. KEEP CONTAINERS TIGHTLY SEALED IN A COOL, WELL VENTILATED PLACE. USE PRODUCT BEFORE EXPIRY DATE.
- 3. COAT THE SURFACE GENEROUSLY AND EVENLY WITH META CRÊME USING A FOAM RUBBER PAINT ROLLER. AVOID CONTACT WITH SURROUNDING AREAS. LEAVE THE PRODUCT TO PENETRATE FOR MINIMUM ONE HOUR, AND THEN THOROUGHLY POLISH WITH A CLEAN DRY CLOTH(S) TO REMOVE ALL EXCESS PRODUCT. ESTIMATED APPLICATION RATE IS ONE QUART PER 30 TO 100 SQUARE FEET (1 LITRE PER 3 TO 10 SQ.M), DEPENDING ON SURFACE ABSORPTION.
- 4. USE WATER TO CLEAN EQUIPMENT.
- 5. AT LEAST 12 HOURS OF CURE TIME IS REQUIRED BEFORE ANY LIQUIDS CAN COME INTO CONTACT WITH THE TREATED SURFACES. CURING ONLY BEGINS ONCE ALL EXCESS PRODUCT IS THOROUGHLY REMOVED.
- 6. SEALER WILL NOT PREVENT SURFACE ETCHING, SCUFFING OR WEAR AND IN RARE CASES MAY LIGHTEN OR DARKEN SOME SURFACES
- TEMPORARILY, RETURNING TO THE NATURAL COLOR OVER TIME. 7. SPILLS SHOULD BE CLEANED OFF THE TREATED SURFACE AS SOON AS POSSIBLE. FOR REGULAR CLEANING USE REJUVENATA (FOR
- COUNTERTOPS / BACKSPLASHES), S P CLEANER (FOR FLOORS) OR ANY NEUTRAL PH DETERGENT IN WARM WATER AND A SOFT CLOTH /

META - CRÈME - PROFESSIONAL APPLICATION HINTS:

1. IMPORTANT - TESTING META CRÈME.

- A. DRY TREAT IMPREGNATORS ARE CHEMICALLY DIFFERENT FROM OTHER SEALERS. META CRÊME MUST BE ALLOWED TO CURE FOR AT LEAST 3 WEEKS BEFORE UNDERTAKING SERIOUS STAIN TESTING. THE SEALING MOLECULE IN META CRÈME MOLECULES BOND INSIDE THE PORES, THE TREATED MATERIAL BECOMES MORE AND MORE OIL AND WATER - REPELLENT.
- 2. HIGHLY POROUS SURFACES, SUCH AS SANDSTONE AND SOFT VARIETIES SHOULD IDEALLY BE PRE SEALED BEFORE APPLYING META CRÊME. NEWLY LAID FLOORS SHOULD ALSO BE PRE - SEALED PRIOR TO GROUTING, SO THAT THE GROUT IS EASY TO REMOVE AND DOES NOT DOES NOT CAUSE STAINS. ONCE THE GROUT IS DRY AND ALL GROUT HAZE HAS BEEN THOROUGHLY REMOVED, META CRÈME CAN BE APPLIED OVER THE TILES AND GROUT. OLE - REPELLA, DILUTED UP TO A MAXIMUM OF 50% WITH WATER, IS AN EFFECTIVE, LOW COST PRE - SEALER, OLE - REPELLA ONLY REQUIRES ONE HOUR OF CURE TIME BEFORE APPLYING META CRÈME, ALWAYS ENSURE THE SURFACE IS CLEAN BEFORE APPLYING ANY SEALER.
- 3. FOR EXTRA PENETRATION WITH VERY DENSE SURFACES, META CRÊME MAY BE LEFT TO PENETRATE FOR UP TO 3 HOURS.
- 4. ON SMOOTH SURFACES, A SQUEEGEE IS A QUICK WAY TO REMOVE THE BULK OF THE EXCESS PRODUCT, ONCE MOST OF THE EXCESS PRODUCT IS REMOVED WITH A SQUEEGEE OR DRY CLOTH/S, THE REMAINING RESIDUE CAN BE POLISHED OFF WITH A DAMP CLOTH/S (NOT
- ON ROUGH SURFACES, GLOBULES OF META CRÈME MAY BE COLLECT IN GAPS AND PITS. USE A PAINT BRUSH TO SPREAD THESE OUT.

3.4 PROTECTION:

- A. READY FOR LIGHT SURFACES TRAFFIC IN 24 HOURS.
- B. KEEP AREA DRY FOR AT LEAST 12 HOURS.
- C. ACHIEVES A FULL CURE IN 21 DAYS.

3.5 MAINTENANCE:

- A. DRY TREAT'S S P CLEANER OR NEUTRAL PH CLEANER IN WARM WATER AND A SOFT CLOTH OR MOP IS RECOMMENDED FOR ROUTINE
- B. SEALER IS AFFECTED BY SOLVENT STRIPPERS AND AGGRESSIVE CHEMICALS.
- C. EXPECTED WEAR WILL VARY DEPENDING ON HARDNESS AND TEXTURE OF SURFACE, TYPE OF AREA, SURFACE WEAR, FREQUENCY AND TYPE OF MAINTENANCE PRODUCTS USED. THE EXPECTED WEAR IS 15 YEARS. EXTREME WEATHER CONDITIONS, HARSH CLEANING METHODS AND HIGH - ALKALINE OR HIGH - ACID OR SOLVENT - BASE CLEANERS WILL AFFECT WEAR.

3.6 COVERAGE:

- A. APPROXIMATELY TOTAL OF 30 TO 100 SQ. FT. (3 SQ. M TO 10 SQ. M.) PER QUART (946 ML).
- B. COVERAGE WILL VARY DEPENDING ON TYPE OF SURFACE, POROSITY AND TEXTURE OF SURFACE, TEMPERATURE, HUMIDITY AND METHOD OF APPLICATION.

END OF SECTION 09 96 26

SECTION 10 28 13 - TOILET & EMPLOYEE AREA ACCESSORIES

- SECTION INCLUDES PROVIDING TOILET ACCESSORIES AS SHOWN ON DRAWINGS AND AS SPECIFIED.
- B. REFERENCES
- COMPLY WITH APPLICATION CODE REQUIREMENTS, INCLUDING REQUIREMENTS FOR PROVIDING ACCESS FOR PERSONS WITH DISABILITIES.
- C. DELIVERY STORAGE AND HANDLING DELIVER INSERTS AND ROUGH - IN FRAMES TO JOB SITE AT APPROPRIATE TIME FOR BUILDING IN.
- D. MANUFACTURES
- 1. ASI (914-476-9000)
- 2. BOBRICK (800-553-1600)
- 3. BROCAR PRODUCTS, INC. (513-422-2888)
- 4. SPECIALIZED BUILDERS HARDWARE (SBH) (714-630-4751)
- MATERIALS
- COAT HOOK: SEE CONSTRUCTION DOCUMENTS
- 2. PAPER TOWEL HOLDER: BOBRICK B-26212
- MIRROR: BOBRICK B-165 1836 TOILET SEAT COVER DISPENSER: BOBRICK B221, 15- 34" WIDE X 11" HIGH X 2" DEEP, SURFACE MOUNTED, STAINLESS STEEL
- FEMININE NAPKIN DISPOSAL: BOBRICK B-270, CONTURA: 7-1/2" WIDE X 10" HIGH X 3-13/16" DEEP. (AT WOMEN'S AND UNISEX ONLY) 6. DIAPER CHANGING STATION: FOUNDATIONS 100-EV VERTICAL DIAPER CHANGING STATION
- A. DESCRIPTION: HORIZONTAL UNIT THAT OPENS BY FOLDING DOWN FROM STORED POSITION AND WITH CHILD PROTECTION STRAP.
- C. LINER DISPENSER: BUILT IN, LINERS SUPPLIED BY OWNER.
- SIGN: SBH UNISEX ADA SIGN FOR SINGLE PUBLIC TOILETS (SB444) AND MALE/ FEMALE (MALE: SB445/ FEMALE: SB443) ADA SIGN FOR MULTIPLE PUBLIC TOILETS. COLOR AS INDICATED ON DRAWINGS.
- 8. GRAB BARS: BOBRICK B6806X42, 1-1/2" DIAMETER X 18 GAUGE STAINLESS STEEL; WALL FLANGES WITH CONCEALED FASTENERS. SNAP FLANGE COVER 22 GA STAINLESS STEEL W/ SATIN FINISH. EACH COVER SNAPS OVER MOUNTING FLANGE TO CONCEAL MOUNTING SCREWS.
- A. PROVIDE MINIMUM 36" LONG AT REAR OF TOILET AND 42" AT SIDE. (FOR CANADA ONLY: PROVIDE MINIMUM 24" LONG AT REAR OF TOILET AND 36" AT SIDE.)
- B. INSTALL GRAB BARS TO PROVIDE LOAD SUPPORT AS REQUIRED BY APPLICABLE CODES. MATERIAL: TYPE - 304 STAINLESS STEEL, 18 GA. A. FINISH: SMOOTH, NO. 4, STAIN FINISH. OUTSIDE DIAMETER: 1-1/2 INCHES.
- 9. TOILET TISSUE DISPENSER: BOBRICK B-76867 DOUBLE ROLL 10. EMPLOYEE AREA COUNTER SOAP DISPENSER: BOBRICK B-4142
- ACCESSORIES
- FASTENINGS: FINISH TOILET ACCESSORIES COMPLETE WITH MOUNTING DEVISES, FASTENING, AND ACCESSORIES AS REQUIRED FOR A FINISHED INSTALLATION, PROPERLY PACKAGED AND TAGGED FOR READY IDENTIFICATION.
- A. FASTEN ACCESSORIES WITH SCREWS OR BOLTS EXTENDING MINIMUM 1" INTO SOLD BACKING IF NO OTHER FASTENING IS SPECIFIED. 2. SUPPLIED BY OWNER: BABY CHANGING TABLE LINERS, TRASH RECEPTACLE LINERS.
- G. INSTALLATION INSTALL TOILET ACCESSORIES IN ACCORDANCE WITH DRAWINGS, AND MANUFACTURER'S INSTALLATION INSTRUCTIONS AND
- MOUNTING LOCATION AND HEIGHTS: AS INDICATED ON DRAWINGS AND IN CONFORMANCE WITH REQUIREMENTS FOR ACCESS FOR PERSONS
- WITH DISABILITIES.

END OF SECTION 10 28 13

SECTION 10 44 00 - FIRE-PROTECTION SPECIALTIES

Part 1 - General

THIS SECTION INCLUDES PORTABLE FIRE EXTINGUISHERS AND FIRE EXTINGUISHER CABINETS.

- B. FIRE EXTINGUISHERS ARE PROVIDED BY OWNER, IF ADDITIONAL EXTINGUISHERS ARE REQUESTED DURING FIELD INSPECTION, PROVIDE ADDITIONAL EXTINGUISHERS AS DIRECTED.
- 1.2 QUALITY ASSURANCE

- A. NFPA COMPLIANCE: FABRICATE AND LABEL FIRE EXTINGUISHERS TO COMPLY WITH NFPA 10, "STANDARD FOR PORTABLE FIRE B. FIRE EXTINGUISHERS: LISTED AND LABELED FOR TYPE, RATING, AND CLASSIFICATION BY AN INDEPENDENT TESTING AGENCY ACCEPTABLE
- TO AUTHORITIES HAVING JURISDICTION. 1.3 COORDINATION
- A. COORDINATE SIZE OF FIRE-PROTECTION CABINETS TO ENSURE THAT TYPE AND CAPACITY OF FIRE EXTINGUISHERS INDICATED ARE ACCOMMODATED. B. APPLY VINYL LETTERING ON FIELD-PAINTED FIRE-PROTECTION CABINETS AFTER PAINTING IS COMPLETE.

PART 2 - PRODUCTS

A. MANUFACTURERS:

- A. COLD-ROLLED STEEL SHEET: ASTM A 1008/A 1008M, COMMERCIAL STEEL (CS), TYPE B.
- 2.2 PORTABLE FIRE EXTINGUISHERS
- A. MANUFACTURERS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE PRODUCTS BY (IN ORDER OF PREFERENCE):
- SENTRY (PREFERRED MANUFACTURER) . POTTER-ROEMER; DIV. OF SMITH INDUSTRIES, INC.
- FIRE-END & CROKER CORPORATION.
- 4. J. L. INDUSTRIES, INC. LARSEN'S MANUFACTURING COMPANY.
- B. GENERAL: PROVIDE FIRE EXTINGUISHERS FOR EACH LOCATION INDICATED.
- MOUNTING BRACKETS: MANUFACTURER'S STANDARD STEEL, DESIGNED TO SECURE EXTINGUISHER INDICATED AND WITH PLATED OR BAKED-ENAMEL FINISH.
- A. PROVIDE BRACKETS FOR EXTINGUISHERS NOT LOCATED IN CABINETS. MULTIPURPOSE DRY-CHEMICAL TYPE: UL-RATED 4-A:60-B:C, 10-LB NOMINAL CAPACITY, IN ENAMELED-STEEL CONTAINER. SY1014 SENTRY 10
- 2.3 FIRE-PROTECTION CABINET
- POTTER ROEMER; DIV. OF SMITH INDUSTRIES, INC.
- B. CABINET TYPE: SUITABLE FOR FIRE EXTINGUISHER. C. CABINET CONSTRUCTION: NONRATED.
- D. CABINET MATERIAL: ENAMELED-STEEL SHEET. RECESSED CABINET: CABINET BOX RECESSED IN WALLS OF SUFFICIENT DEPTH TO SUIT STYLE OF TRIM INDICATED.
- TRIMLESS WITH PLASTER STOP: SURFACE OF SURROUNDING WALL FINISHES FLUSH WITH EXTERIOR FINISHED SURFACE OF CABINET FRAME AND DOOR, WITHOUT OVERLAPPING TRIM ATTACHED TO CABINET. PROVIDE RECESSED FLANGE, OF SAME MATERIAL AS BOX, ATTACHED TO BOX TO ACT AS PLASTER STOP.
- DOOR MATERIAL: STEEL SHEET.
- G. DOOR STYLE: FLUSH OPAQUE PANEL, FRAMELESS, WITH NO EXPOSED HINGES.
- H. DOOR HARDWARE: MANUFACTURER'S STANDARD DOOR-OPERATING HARDWARE OF PROPER TYPE FOR CABINET TYPE, TRIM STYLE, AND DOOR MATERIAL AND STYLE INDICATED. PROVIDE MANUFACTURER'S STANDARD. 2. PROVIDE CONCEALED HINGE PERMITTING DOOR TO OPEN 180 DEGREES.

IDENTIFICATION: LETTERING COMPLYING WITH AUTHORITIES HAVING JURISDICTION FOR LETTER STYLE, SIZE, SPACING, AND LOCATION.

- LOCATE AS INDICATED BY ARCHITECT A. IDENTIFY FIRE EXTINGUISHER IN FIRE-PROTECTION CABINET WITH THE WORDS "FIRE EXTINGUISHER."
- 1) LOCATION: APPLIED TO CABINET DOOR.
- 2) APPLICATION PROCESS: PRESSURE-SENSITIVE VINYL LETTERS. LETTERING COLOR: BLACK.
- 4) ORIENTATION: VERTICAL.

ACCESSORIES:

- .l. FINISHES: MANUFACTURER'S STANDARD BAKED-ENAMEL PAINT FOR THE FOLLOWING:
- A. EXTERIOR OF CABINET EXCEPT FOR THOSE SURFACES INDICATED TO RECEIVE ANOTHER FINISH.
- B. INTERIOR OF CABINET AND DOOR.
- 2. FACTORY PRIMED WITH MANUFACTURER'S STANDARD, LEAD- AND CHROMATE-FREE UNIVERSAL PRIMER, FOR FIELD PAINTING.
- A. EXTERIOR OF CABINET DOOR AND PLASTER-STOP TRIM.

2.4 FABRICATION

- A. FIRE-PROTECTION CABINETS: PROVIDE MANUFACTURER'S STANDARD BOX (TUB), WITH TRIM, FRAME, DOOR, AND HARDWARE TO SUIT CABINET TYPE, TRIM STYLE, AND DOOR STYLE INDICATED. WELD JOINTS AND GRIND SMOOTH.
- WITH MINIMUM 5/8-INCH- (16-MM-) THICK, FIRE-BARRIER MATERIAL. PROVIDE FACTORY-DRILLED MOUNTING HOLES. B. CABINET DOORS: FABRICATE DOORS ACCORDING TO MANUFACTURER'S STANDARDS, FROM MATERIALS INDICATED AND COORDINATED WITH CABINET TYPES AND TRIM STYLES SELECTED.

CONSTRUCT FIRE-RATED CABINETS WITH DOUBLE WALLS FABRICATED FROM 0.0428-INCH- (1.1-MM-) THICK, COLD-ROLLED STEEL SHEET LINED

- FABRICATE DOOR FRAMES WITH TUBULAR STILES AND RAILS AND HOLLOW-METAL DESIGN, MINIMUM 1/2 INCH (13 MM) THICK. 2. MITER AND WELD PERIMETER DOOR FRAMES. C. CABINET TRIM: FABRICATE CABINET TRIM IN ONE PIECE WITH CORNERS MITERED, WELDED, AND GROUND SMOOTH.
- PART 3 EXECUTION

- A. EXAMINE WALLS AND PARTITIONS FOR SUITABLE FRAMING DEPTH AND BLOCKING WHERE RECESSED CABINETS WILL BE INSTALLED.
- B. EXAMINE FIRE EXTINGUISHERS FOR PROPER CHARGING AND TAGGING. REMOVE AND REPLACE DAMAGED, DEFECTIVE, OR UNDERCHARGED
- PREPARE RECESSES FOR RECESSED FIRE-PROTECTION CABINETS AS REQUIRED BY TYPE AND SIZE OF CABINET AND TRIM STYLE. D. INSTALL FIRE-PROTECTION SPECIALTIES IN LOCATIONS AND AT MOUNTING HEIGHTS INDICATED OR, IF NOT INDICATED, AT HEIGHTS
- ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION.
- FIRE-PROTECTION CABINETS: FASTEN FIRE-PROTECTION CABINETS TO STRUCTURE, SQUARE AND PLUMB. F. INSTALL FIRE EXTINGUISHERS IN CABINETS AND IN LOCATIONS AND AT MOUNTING HEIGHTS INDICATED OR, IF NOT INDICATED, AT HEIGHTS
- ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION.
- FASTEN MOUNTING BRACKETS TO STRUCTURE, SQUARE AND PLUMB.
- G. ADJUST FIRE-PROTECTION CABINET DOORS TO OPERATE EASILY WITHOUT BINDING. H. REPLACE FIRE-PROTECTION CABINETS THAT HAVE BEEN DAMAGED OR HAVE DETERIORATED BEYOND SUCCESSFUL REPAIR.

END OF SECTION 10 44 00

SECTION 10 51 13 - METAL LOCKERS

Part 1 - General

1.1 SUMMARY

- A. THIS SECTION INCLUDES THE FOLLOWING: ALL-WELDED METAL LOCKERS.
- 1.2 QUALITY ASSURANCE A. ACCESSIBILITY REQUIREMENTS:

PROVIDE NOT LESS THAN 1 SHELF LOCATED NO HIGHER THAN 48 INCHES (1219 MM) ABOVE THE FLOOR FOR FORWARD REACH LOCKERS.

PROVIDE 1 SHELF LOCATED AT BOTTOM OF LOCKER NO LOWER THAN 15 INCHES ABOVE THE FLOOR FOR FORWARD REACH. PROVIDE HARDWARE THAT DOES NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST, AND THAT OPERATES WITH A

FORCE OF NOT MORE THAN 5 LBF (22.2 N) ON AT LEASE ONE DISABLED COMPLIANT LOCKER PER LOCATION.

- A. SPECIAL WARRANTY: MANUFACTURER'S STANDARD FORM IN WHICH MANUFACTURER AGREES TO REPAIR OR REPLACE COMPONENTS OF METAL LOCKERS THAT FAIL IN MATERIALS OR WORKMANSHIP, EXCLUDING FINISH, WITHIN SPECIFIED WARRANTY PERIOD.
- FAILURES INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING: A. STRUCTURAL FAILURES.
- B. FAULTY OPERATION OF LATCHES AND OTHER DOOR HARDWARE.
- DAMAGE FROM DELIBERATE DESTRUCTION AND VANDALISM IS EXCLUDED. 3. WARRANTY PERIOD FOR ALL-WELDED METAL LOCKERS: 10 YEARS FROM DATE OF SUBSTANTIAL COMPLETION.
- PART 2 PRODUCTS
- 2.1 ALL-WELDED METAL LOCKERS A. PRODUCTS:
- . ALL-WELDED METAL LOCKERS: A. BY OWNER B. LOCKER ARRANGEMENT: THREE TIER BOX, SIX TIER BOX.

PART 3 - EXECUTION

- 3.1 INSTALLATION
- A. GENERAL: INSTALL LEVEL, PLUMB, AND TRUE; SHIM AS REQUIRED, USING CONCEALED SHIMS.
- ANCHOR LOCKER RUNS AT ENDS AND AT INTERVALS RECOMMENDED BY MANUFACTURER, BUT NOT MORE THAN 36 INCHES O.C. INSTALL ANCHORS THROUGH BACKUP REINFORCING PLATES, CHANNELS, OR BLOCKING AS REQUIRED TO PREVENT METAL DISTORTION, USING
- CONCEALED FASTENERS. B. ALL-WELDED METAL LOCKERS: CONNECT GROUPS OF ALL-WELDED METAL LOCKERS TOGETHER WITH STANDARD FASTENERS, WITH NO EXPOSED FASTENERS ON FACE FRAMES.
- EQUIPMENT: FIT EXPOSED CONNECTIONS OF TRIM, FILLERS, AND CLOSURES ACCURATELY TOGETHER TO FORM TIGHT, HAIRLINE JOINTS, WITH CONCEALED FASTENERS AND SPLICE PLATES.

D. CLEAN, LUBRICATE, AND ADJUST HARDWARE. ADJUST DOORS AND LATCHES TO OPERATE EASILY WITHOUT BINDING. VERIFY THAT

INTEGRAL LOCKING DEVICES OPERATE PROPERLY.

END OF SECTION 10 51 13

<u>SECTION 10 56 26 - MOBILE AND FIXED STORAGE SHELVIN</u>

Part 1 - General

- A. THIS SECTION INCLUDES: 1. MOBILE STORAGE AND FIXED SHELVING UNITS FOR HIGH-DENSITY STOCK ROOM STORAGE.
- 1.2 QUALITY ASSURANCE
- A. INSTALLER QUALIFICATIONS: A QUALIFIED INSTALLER WHO EMPLOYS ONLY PERSONS TRAINED AND APPROVED BY MANUFACTURER TO APPLY MANUFACTURER'S PRODUCTS.
- B. WORK INCLUDED: MOBILE AND FIXED STORAGE SHELVING, INCLUSIVE OF TRACK, CARRIAGE, WHEELS, PLATFORM, SAFETY FEATURES, SHELVING, ACCESSORIES AND ATTACHMENT HARDWARE. INCLUDE ALL MECHANISMS AND ACCESSORIES REQUIRED FOR A COMPLETE INSTALLATION IN WORKING ORDER.
- INCLUDE INSTALLATION. C. RELATED WORK DIVISION 3 SECTION "CEMENT-BASED UNDERLAYMENT."
- 2. DIVISION 6 SECTIONS "ROUGH CARPENTRY."
- 1.3 SUBMITTALS TO OWNER'S REPRESENTATIVE A. MANUFACTURER'S PRODUCT DATA. B. SHOP DRAWINGS: SUBMIT SHOP DRAWINGS FOR MOBILE STORAGE SYSTEM SHOWING ELEVATIONS AT 1/2:" SCALE, HALF-SIZE DETAIL
- SECTIONS OF EACH COMPOSITE MEMBER, ANCHORS, JOINT SYSTEM AND OTHER COMPONENTS NOT INCLUDED IN MANUFACTURER'S STANDARD DATA. SHOW HOW SHELVING INTERFACES WITH RELATED TRADES. WARRANTY: SPECIAL WARRANTY SPECIFIED IN THIS SECTION.
- 1.4 WARRANTY A. PROVIDE A 5 YEAR WARRANTY AGAINST DEFECTS IN QUALITY OR WORKMANSHIP FROM DATE OF SUBSTANTIAL COMPLETION.
- 1.5 STORAGE, DELIVERY AND HANDLING
- A. PROTECT MOBILE STORAGE SHELVING FROM DAMAGE, SOILING AND DETERIORATION DURING TRANSIT, STORAGE AND HANDLING. 1.6 PROJECT CONDITIONS

ON SHOP DRAWINGS. COORDINATE FABRICATION SCHEDULE WITH CONSTRUCTION PROGRESS TO AVOID DELAYING THE WORK.

A. FIELD MEASUREMENTS: VERIFY CARRIAGE RUN DIMENSIONS BY FIELD MEASUREMENTS BEFORE FABRICATION AND INDICATE MEASUREMENTS

ESTABLISHED DIMENSIONS: WHERE FIELD MEASUREMENTS CANNOT BE MADE WITHOUT DELAYING THE WORK, ESTABLISH DIMENSIONS AND

PROCEED WITH FABRICATING STORAGE UNITS WITHOUT FIELD MEASUREMENTS. COORDINATE CONSTRUCTION TO ENSURE THAT ACTUAL DIMENSIONS CORRESPOND TO ESTABLISHED DIMENSIONS.

- PART 2 PRODUCTS
- 2.1 FIXED STORAGE SHELVING FOR STOCK ROOM A. PROVIDED BY OWNER

2.2 FLOORING/SUBSTRATE

A. CONCRETE LEVELING TOPPING: ENSURE THAT FLOORING SUBSTRATE IS SMOOTH, LEVEL AND STABLE IN ACCORDANCE WITH SHELVING MANUFACTURERS' WRITTEN REQUIREMENTS. COORDINATE WITH THE WORK OF RELATED TRADES IN DIVISION 3 SECTION "CEMENT-BASED UNDERLAYMENT.

CONDITIONS DETRIMENTAL TO THE COMPLETION OF THE WORK.

2.3 INSPECTION

2.4 PREPARATION

B. DO NOT PROCEED WITH THE WORK UNTIL UNSATISFACTORY CONDITIONS ARE CORRECTED.

A. ADJACENT SURFACES SHALL BE CLEAN WITH OBSTRUCTIONS AND PROJECTING OBJECTS REMOVED PRIOR TO INSTALLATION.

A. EXAMINE THE AREAS AND CONDITIONS WHERE MOBILE STORAGE SHELVING IS TO BE INSTALLED AND NOTIFY THE ARCHITECT OF

PART 3 - EXECUTION

NEW STORE

SATHLETA

GAP INC. STORE DEVELOPMENT 2 FOLSOM STREET SAN FRANCISCO, CA 94105

D

 \mathcal{C} **DERBY E DESIGN TYPE:**

21Q34

PROTOTYPE DATE: 1/8/2021 2021 **OPENING:** ARCHITECT INFO:

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