# ARCHITECTURAL GENERAL SPECIFICATIONS:

## 7.5 DOORS AND WINDOWS - DOOR HARDWARE:

PART 1 - GENERAL

A PROVIDE DOOR HARDWARE WHERE INDICATED

### 1.02 SUBMITTALS

A SHOP DRAWINGS: NONE REQUIRED UNLESS SUBMITTING FOR APPROVED EQUALS. B. OPERATING AND MAINTENANCE INSTRUCTIONS: NONE REQUIRED UNLESS SUBMITTING FOR APPROVED

A COMPLY WITH GOVERNING CODES AND REGULATIONS. PROVIDE PRODUCTS OF ACCEPTABLE MANUFACTURERS, WHICH HAVE BEEN IN SATISFACTORY USE IN SIMILAR SERVICE FOR THREE YEARS. USE EXPERIENCED INSTALLERS. DELIVER, HANDLE, AND STORE MATERIALS IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS.

B. QUALIFICATION OF SUPPLIER. THE FINISH HARDWARE SUPPLIER SHALL HAVE IN HIS EMPLOY AN AHC MEMBER OF THE AMERICAN SOCIETY OF ARCHITECTURAL HARDWARE CONSULTANTS.
C HARDWARE FOR FIRE-RATED OPENINGS. MPPA 80 AND LOCAL REQUIREMENTS.
D HANDICAPPED ACCESSIBILITY. ANSI A1171, AADAG, AND LOCAL REQUIREMENTS.
E MATERIALS AND APPLICATION: ANSI A156 SERIES STANDARDS.

### PART 2 - PRODUCTS

### 2.01 MATERIALS

A SCHEDULE REFER TO DRAWING DOOR HARDWARE SCHEDULE. EURNISH IN AMOUNTS AND EINISH

A SCHEDULE, REPER TO DRAWING DOOR HARDWARE SCHEDULE, PURRISH IN AMOUNTS AND FINISH INDICATED OR AS REQUIRED FOR COMPLETE AND OPERABLE FACILITY.

B. MANUFACTURERS: PRODUCTS OF THE FOLLOWING MANUFACTURERS WILL BE CONSIDERED ACCEPTABLE PROVIDED PRODUCTS ARE OF EQUIVALENT WEIGHT, FUNCTION, MATERIALS, AND DESIGN. SUBMIT OTHERS FOR PRIOR APPROVAL BY OWNER.

CYLINDERS: SCHLAGE (NO SUBSTITUTES).
 LOCKSETS: YALE, SCHLAGE (NO SUBSTITUTES).

1. OTTOMERS ON THE SCHLAGE (NO SUBSTITUTES):

3. STOREFRONT DELABORICTS AND DEADLOCK LEVERS: ADAMS RITE (NO SUBSTITUTES).

4. PANIC DEVICES WITH A LARMS (BATTERY POWERED): DETEX, DORMA. CORBIN RUSSWIN, VON DUPRIN.

5. PANIC DEVICES WITHOUT ALARMS (BATTERY POWERED): DETEX, DORMA. CORBIN RUSSWIN, VON DUPRIN.

6. HINGES AND BUTTS: HAGER, SOSS, STANLEY, PBB.

7. CLOSERS: DORMA, HAGER, COS, NORTON, READING, CAL ROYAL.

8. STOREFRONT PIVOTS: RIXON.

9. STOREFRONT PIVOTS: RIXON.

9. STOREFRONT PIVOTS: RIXON.

10. STOPS, BUMPERS, WEATHER-STRIPPING, SWEEPS, AND THRESHOLDS: PEMCO, ROCKWOOD, TRIMCO, RESSE, NATIONAL GUARD, HAGER, SCHLEGEL.

11. LATCH GUARDS: LATCHOUARD, ROCKWOOD, HAGER

12. KINOX BOX FOR FIRE EMERGENCY KEYS: AS REQUIRED AND APPROVED BY LOCAL GOVERNING AGENCY.

A EXTERIOR DOORS WITH REMOVABLE CORE LOCK CYLINDERS SHALL BE KEYED ALIKE. INCLUDE CONSTRUCTION KEYING AND CONTROL KEYING WITH REMOVABLE CORE CYLINDERS B. SUPPLY 2 CHANGE KEYS FOR EACH LOCK

### 2.03 FASTENINGS

A FURNISH ALL NECESSARY SCREWS, BOLTS, AND OTHER FASTENERS OF SUITABLE SIZE AND TYPE TO

A FURNISH ALL NECESSARY SCREWS, BUL 1S, AND OTHER FASTENERS OF SUITABLE SIZE AND TYPE TO PROPERLY ANCHOR THE HARDWARE.

B FURNISH FASTENINGS, WHERE NECESSARY, WITH EXPANSION SHIELDS, TOGGLE BOLTS, SEX BOLTS, AND OTHER ANCHORS, ACCORDING TO THE MATERIAL TO WHICH HARDWARE IS TO BE APPLIED AND THE RECOMMENDATIONS OF THE HARDWARE MANUFACTURER.

C FURNISH FASTENINGS COMPATIBLE WITH BOTH HARDWARE AND SUBSTRATE MATERIAL AND IF EXPOSED, MATCHING HARDWARE FINISH.

## PART 3 - EXECUTION

# 3.01 INSTALLATION

A FOLLOW GUIDELINES OF DHI "RECOMMENDED LOCATIONS FOR BUILDERS HARDWARE" AND HARDWARE

MANUFACTURER'S INSTRUCTIONS.
B. INSTALL MATERIALS AND SYSTEMS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS AND B INSTALL MALERIALS AND STRIEMS IN ALCOVANCE WITH MANUFACTURES INSTRUCTIONS AND APPROVED SUBMITTALS. INSTALL MATERIALS AND SYSTEMS IN PROPER RELATION WITH ADJACENT CONSTRUCTION AND WITH UNIFORM APPEARANCE. COORDINATE WITH WORK OF OTHER SECTIONS. C. DRILL AND COUNTERSINK UNITS, WHICH ARE NOT FACTORY-PREPARED FOR ANCHORAGE FASTENERS.

CUBRIC AND COUNTERSHIN UNITS, WITHOUT ARE NOT PAY OTHER PRACE FOR ANCHONOUSE F. SPACE FASTEMERS AND ANCHORS IN ACCORDANCE WITH INDUSTRY STANDARDS.

D. SET THRESHOLDS IN FULL BED OF BUTYL-RUBBER OR POLYISOBUTYLENE MASTIC SEALANT E. ADJUST OPERATION, CEAM, AND PROTECT.

# 8.0 FINISHES - PORTLAND CEMENT STUCCO:

A.PROVIDE PORTLAND CEMENT-BASED THREE COAT POLYMER MODIFIED STUCCO SYSTEM, COMPLETE.

A UPON REQUEST, SUBMIT MANUFACTURER'S WRITTEN SPECIFICATIONS, PROPORTION MIXES, AND INSTALLATION INSTRUCTIONS FOR FACTORY-PREPARED MATERIALS.

B. UPON REQUEST, SUBMIT SAMPLES OF COLORED FINISH-COAT PLASTER CONTAINING COLORING COMPOUND AND SPECIFIC AGGREGATE TO BE USED DURING PLASTERING. PROVIDE SAMPLE OF MANUFACTURER'S FULL RANGE OF TEXTURES AND COLORS FOR OWNER'S REVIEW, SELECTION AND

C. SUBMIT WARRANTY SPECIFIED

# 1.03 QUALITY ASSURANCE

A COMPLY WITH GOVERNING CODES AND REGULATIONS, PROVIDE PRODUCTS MANUFACTURERS WHICH HAVE BEEN IN SATISFACTORY USE IN SIMILAR S EXPERIENCED INSTALLERS. DELIVER, HANDLE, AND STORE MATERIALS IN A MANUFACTURER'S INSTRUCTIONS.

B STANDARDS: COMPLY WITH THE PROVISIONS OF THE FOLLOWING SPECIFICA TANDARDS EXCEPT AS OTHERWISE NOTED OR SPECIFIED. OR AS ACCEPTED OR DIRECT RCHITECT.

ASTM C91-12, STANDARD SPECIFICATION FOR MASONRY CEMEN
 ASTM C150-12, STANDARD SPECIFICATION FOR PORTLAND C

CONTRAULIC CEMENTS 3. ASTM C595-13, STANDARD SPECIFICATION FOR BLENDED 4 ASTM C847-12 STANDARD SPECIFICATION FOR METAL &

5. ASTM C697-05, STANDARD S CEMENT-BASED PLASTER 6. ASTM C926-12A, STANDARD S PLASTER

7. ASTM C932-06, STANDARD SI PLASTERING

FOR INTEGRALLY COLORED CONCRETE 8. ASTM C979-10, STANDA 9. ASTM C1063-12, ST ALLATION OF LATHING AND FURRING TO RECEIVE

N FOR PLASTIC (STUCCO) CEMENT

PLASTERING TURER'S STANDARD FIRE YEAR WARRANTY

# 8.0 FINISHES - PORTLAND CEMENT STUCCO (CONT.):

PART 2 - PRODUCTS
2.01 STUCCO SYSTEM MATERIALS
A GENERAL SYSTEM SHALL BE COMPATIBLE WITH SUBSTRATE AND PROJECT CONDITIONS NOTIFY
ARCHITECT IF CONDITIONS DEVIATE SUBSTANTIALLY FROM SYSTEM SPECIFIED.

ACCEPTABLE. (NO SUBSTITUTES

2. SCRATCH AND BROWN COAT STUCCO: a. PORTLAND CEMENT: "STOPOWERWALL", FACTORY PROPORTIONED, FIBER REINFORCED PORTLAND CEMENT BASED STUCCO FOR TROWEL OR PUMP APPLICATION, FIELD MIXED WITH GRADED SAND

(ASTM C897-12 OR ASTM C144-11) AND WATER

b PORTLAND CEMENT POLYMER MODIFIED: "STOPOWERWALL", FACTORY PROPORTIONED, FIBER
REINFORCED PORTLAND CEMENT BASED STUCCO, FIELD MIXED WITH GRADED SAND (ASTM
C397-12 OR ASTM C144-11), WATER AND STO BONDING AGENT AND ADMIXTURE.

C. PRIMER:

1. ACRYLIC BASED TINTED SAND: "STO PRIMER SAND".

2. ACRYLIC BASED TINTED SAND: "STO PRIMER SAND".

2. ACRYLIC BASED PRIMER/SEALER FOR HIGH PH SURFACES: "STO HOT PRIME".

D. FINISH COAT STUCCO (AS SELECTED):

1. STO ELASTOMERIC OR SILICONE ENHANCED ELASTOMERIC TEXTURED WALL FINISH.

2. STO ACRYLIC OR SILICONE ENHANCED ACRYLIC TEXTURED WALL FINISH.

3. TEXTURE AND COLORS. TO BE SELECTED BY OWNER FROM MANUFACTURER'S FULL RANGE OF SAMPLES.

SAMPLES.
2.02 GENERAL MATERIAL REQUIREMENTS

GENERAL MATERIAL REQUIREMENTS
A CEMENT TYPE AS REQUIREMENTS

1. PORTLAND CEMENT: (WHITE OR GREY) ASTM C 150 TYPE N; ASTM C 1157 TYPE N

2. BLENDED CEMENT: ASTM C595-13 TYPE N.

3. MASONRY CEMENT: ASTM C91-12 TYPE N.

4 PLASTIC CEMENT: ASTM C1328-12 TYPE N COLORED MASONRY CEMENT: CONFORM TO ASTM C91-12 TYPE N

1. BASE COATS: ASTM C897-05 OR ASTM C144-11 NATURAL OR MANUFACTURED SAND 2. FINISH COAT: NATURAL OR MANUFACTURED SAND GRADED TO PASS THE NO. 16 MESH SIEVE, LIGHT

C. WATER: CLEAN, POTABLE AND FREE FROM IMPURITIES.

ADMIXTURES: 1. FIBERS: SIZES AS RECOMMEND BY STUCCO MANUFACTURER, MEETING THE REQUIREMENTS OF ASTM C1116-10A

2. INTEGRAL BONDING AGENT: ACRYLIC ADMIXTURE AS MANUFACTURED BY STO FOR STOPOWERWALL

3. THE USE OF ANTI-FREEZE COMPOUNDS OR OTHER ADDITIVES IS PROHIBITED.

E. SURFAGE-APPLIED BONDING AGENT: ASTM 0932-06, NON-OXIDIZING, NON-CRYSTALLIZING, NON-REMILLISHBLE MATERIAL.

F. COLORING COMPOUNDS.

COLORING COMPOUNDS:

1. ASTM C979-10 MINERAL OXIDE PIGMENT.

2. USE COLORING COMPOUNDS:
STANDARD AND DEMONSTRATING NO EFFECT ON SETTING AND HARDENING OF PLASTER MIXTURE WHEN USED WITHIN RECOMMENDED DOSAGE RANGE. DO NOT USE CARBON BLACK OR LAMPBLACK OR ORGANIC PIGMENTS.

## 2.03 SUBSTRATE MATERIALS

1 MANUFACTURERS: AMICO OR APPROVED FOLIAL

2. MINIMUM 2.5 LB. PER SQ. YD. SELF-FURRED G60 GALVANIZED STEEL DIAMOND MESH METAL LATH IN COMPLIANCE WITH ASTM C847-12.

3 MINIMUM NO. 17 GALIGE 15 INCH SELF-FURRED GALVANIZED STEEL WOVEN WIRE FABRIC IN COMPLIANCE WITH ASTM C1032-06.

B. MECHANICAL FASTENERS NECHANICAL PASTENERS. I. GENERAL: FORM OF PULL-OUT, WITHDRAWAL AND SPACING OF ATTACHMENT SHALL HAVE CAPACITY.

1. GENERAL, FORM OF PULL-OUT, WITHDRAWAL AND SPACING OF ATTACHMENT SHALL HAVE CAPACITY TO PROVIDE BUILDING CODE COMPLIANCE FOR PROJECT VIND LOAD DESIGN CRITERIA, PROVIDE FASTENING SCHEDULES AND COMPLIANCE FOR PROJECT VIND LOAD DESIGN CRITERIA, PROVIDE FASTENING SCHEDULES AND COMPLIANCE REPORTS UPON REQUEST.

2. APPROPRIATE NON-CORRODING FASTENIERS, DEPENDING ON SUBSTRATE CONDITIONS:

a. WOOD FRAMING, MINIMUM 11 GAUGE, 7/16 INCH DIAMETER HEAD GALVANIZED ROOFING NAILS WITH MINIMUM 34 INCH PENETRATION INTO STUDS OR MINIMUM #8 TYPE S WAFER HEAD FULLY THREADED CORROSION RESISTANT SCREWS WITH MINIMUM #1 AINCH PENETRATION INTO STUDS, INSTALLATION BY PREUMATIC EQUIPMENT METHODS SHALL BE IN ACCORDANCE WITH FASTENED MANUFACTURERS RECOMMENDATIONS.

b. STEEL FRAMING: MINIMUM #8 TYPE S OR S-12 WAFER HEAD FULLY THREADED CORROSION RESISTANT SCREWS WITH MINIMUM 36 INCH PENETRATION INTO STUDS.

3. TIE WIRE: 18 GALGE GALVANIZED AND ANNEALED LOW-CARBON STEEL IN COMPLIANCE THAT ASTM AS4-098 WITH CLASS LOATING.

C. REINFORCEMENT ACCESSORIES:

1. MANUFACTURERS: AMICO OR APPROVED EQUAL.

2. WEED SCREED; CASING BEAD, CORNER BEAD, CORNER LATH, EXPANSION AND ASTM CHAST AND SREFERENCED DOCUMENTS.

a. PVC PLASTIC IN COMPLIANCE WITH ASTM D1784-11, CELL CLASSIFICATION 13244C.

b. ZINC IN COMPLIANCE WITH ASTM D1784-11, CELL CLASSIFICATION 13244C.

b. ZINC IN COMPLIANCE WITH ASTM D1784-11.

C. ZINC ON COMPLIA

5. INSTALL SYSTEM PER MANUFACTUR

b. ZINC IN COMPLIANCE WITH ASTM 869-13 A653-11 W GALVANIZED METAL IN COMPLIANCE WIT COATING 3. ALL ACCESSORIES SHALL HAVE PERFOR

WITH GROUNDS FOR THE SPECIFIC TH D. WEATHER BARRIERS, INSULATION AND I . WEATHER BARRIERS: (TO COMPLY W

2. INSULATION: RIGID BOARD TYPE, 3. JOINT SEALANTS: (TO COMPLY WITH 4. BUILDING PAPERS: 30 LB, BUILDING F

ODUCE BATCHES THAT WIL

RIALS FOR INITIAL PLASTER MIXTURE USING MEASURING DEVICES SAND CAN BE USED AFTER MIXER IS CALIBRATED WITH KNOWN NG WATER.

R SPECIFIED ADMIXTURES TO BATCH IN ACCORDANCE WITH

JRE MECOMMENDATIONS.
NO OF BASE-COAT CEMENT PLASTER IS PERMITTED ONE TIME ONLY AFTER INITIAL STER NOT USED WITHIN 1/12 HOURS OF INITIAL MIXING SHALL BE DISCARDED.
NG OF FINISH-COAT CEMENT PLASTER IS NOT PERMITTED.

IX EACH BATCH SEPARATELY: DOUBLE BATCHING WITH SINGLE BATCH DISCHARGE SHALL NOT BE 3. MIX BACH BATCH SEPARALIELY; DOUBLE BATCHING WITH SINGLE BATCH DISCHARGE SHALL NOT PERMITTED. KEEP MIX RATIO CONSISTENT FROM BATCH TO BATCH.

b. MAINTAIN MIXER IN CLEAN CONDITION BEFORE, DURING, AND AFTER PLASTER PREPARATION. REMOVE PARTIALLY SET AND HARDENED PLASTER FROM MIXER DRUM BEFORE NEXT BATCH. IF

MIXER HAS BEEN PREVIOUSLY USED IN PREPARING GYPSUM PLASTER, THOROUGHLY CLEAN PRIOR TO USE TO PREPARE CEMENT PLASTER.

c. MAINTAIN MIXER IN CONTINUOUS OPERATION WHILE CHARGING MIXER. ADD WATER TO BRING. PLASTER TO DESIRED CONSISTENCY. CONTINUE MIXING FOR 3 TO 5 MINUTES AFTER ALL INGREDIENTS HAVE SEEN ADDED TO THE MIXER. USE ONLY THE MINIMUM AIMOUNT OF WATER NECESSARY FOR A WORKABLE MIX. USE OF EXCESS WATER IS DETRIBENTAL TO PERFORMAN

d. MIX FACTORY-PREPARED PLASTER IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS

ALMONDAY PREPARED PLASTER IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS

3. HAND MIXING SHALL BE ALLOWED ONLY WHEN AUTHORIZED BY ARCHITECT FOR SMALL BATCHES.

b. PROVIDE WATERPROOF PROTECTION AROUND MIXING TUB AND WATER BARRELS WHEN MIXING INSIDE THE BULLDING.

B. MIX PROPORTIONS

1. SCRATCH AND BROWN COAT STUCCO:

a. SCRATCH AND BROWN COAT STUCCO:

a. SCRATCH COMT. MIX 4 PARTS BY VOLUME OF SAND TO 1 - 94 LB. BAG SCRATCH AND BROWN COAT STUCCO MIX AND 4 TO 8.5 CALLONS OF CLEAN WATER.

b. BROWN COAT: MIX 5 PARTS BY VOLUME OF SAND TO 1 - 94 LB. BAG SCRATCH AND BROWN COAT STUCCO MIX AND 4 TO 8.5 CALLONS OF CLEAN WATER.

c. ADD 12 OF THE REQUIRED WATER AND % OF THE SAND. WHILE SAND AND WATER ARE MIXING ADD ONE BAG OF SCRATCH AND BROWN COAT STUCCO MIX IN A PADDLE TYPE MORTAR MIXER. THEN ADD THE REST OF THE SAND AND SUFFICIENT WATER TO ACHIEVE A UNIFORM MIX OF WORKABLE CONSISTENCY.

ADMIXTURES: ADD 1 PART INTEGRAL BONDING AGENT OF POLYMER MODIFIED ADMIXTURE WITH 3 PARTS WATER BY VOLUME TO DILUTE IN A CLEAN MIXING PAIL AND MIXING WITH A HIGH SPEEL ELECTRIC DRILL MIXER, FOLLOW MANUFACTURER'S RECOMMENDATION FOR NORMAL MIX RATIO PROCEDURES, EXCEPT USE DILUTED ADMIXTURE IN LIEU OF WATER IN SCRATCH AND BROWN

2. PRIMER: MIX WITH A CLEAN, RUST FREE HIGH SPEED MIXER TO A UNIFORM CONSISTENCY PER

# 8.0 FINISHES - PORTLAND CEMENT STUCCO (CONT.):

3. FINISH COAT: MIX FACTORY PROPORTIONED FINISH COAT MATERIAL PER MANUFACTURER'S RECOMMENDATIONS WITH A CLEAN, RUST FREE HIGH SPEED MIXER TO A UNIFORM CONSISTENCY. A SMALL AMOUNT OF WATER MAY BE ADDED TO ADJUST WORKABILITY, LIMIT ADDITION OF WATER TO AMOUNT NEEDED TO ACHIEVE THE FINISH TEXTURE.

## PART 3 - EXECUTION

3.01 EXAMINATION
A. STRUCTURAL (WIND AND AXIAL LOADS): SUBSTRATE MAXIMUM ALLOWABLE DEFLECTION, NORMAL TO

THE PLANE OF THE WALL, SHALL BE LI360.

B. VERIFY THAT SUBSTRATES TO RECEIVE STUCCO CONFORM TO THE REQUIREMENTS OF ASTM 0926-12A. INSPECT SURFACES FOR CONTAMINATION, SURFACE ABSORPTION, CHALKINESS, CRACKS, DAMAGE, DETERIORATION, AND MOISTURE DAMAGE. INSPECT SHEATHING APPLICATION FOR COMPLIANCE WITH

APPLICABLE STANDARDS.

C. VERIFY THAT AREAS AND CONDITIONS UNDER WHICH WORK IS TO BE PERFORMED PERMIT PROPER

C. VERIEY THAT AREAS AND CONDITIONS UNDER WHICH WORK IS TO BE PERFORMED PERMIT PROPER AND TIMELY COMPLETION OF THE WORK.

D. NOTIEY ARCHITECT IF CONDITIONS ARE NOT ACCEPTABLE PRIOR TO COMMENCING WORK.

3.02 SURFACE PREPARATION

A CONCRETE (CAST-IM-PLACE) SUBSTRATES: PROVIDE A SURFACE THAT IS SLIGHTLY SCARIFIED, WATER ABSORBENT, STRAIGHT AND TRUE TO LINE AND PLANE. REMOVE FORM TIES AND TRIM PROJECTING CONCRETE SOI IT IS EVEN WITH THE PLANE OF THE WALL. REMOVE FORM RELEASE AGENTS BY WASHING WITH A TRISODIUM PHOSPHATE DETERGENT AND RINSING WITH CLEAN WATER. ESTABLISH SURFACE PROFILE BY SANDBLASTING, WATER BLASTING, WITE REPUSHING, CHIPPING OR OTHER APPROPRIATE MEANS. REMOVE ALL DUST, DIRT. GREASE, LAITANCE OR OTHER BOND INHIBITING MATERIL. APPLY ONE UNFORM COAT OF BONDING AGENT BY BRUSH OR ROLLER PER MANUFACTURER'S RECOMMENDATIONS

B. CONCRETE MASONRY UNITS SUBSTRATES, REMOVE PROJECTING, JOINT MORTAR SO IT IS EVEN WITH PLANE OF THE WALL. REMOVE SURFACE CONTAMINATES SUCH AS EFFLORESCENCE, EXISTING WALL PAINT OR OTHER BOND INHIBITING MATERIAL BY SANDBLASTING, WATER BLASTING, WIRE BRUSHING CHIPPING OR OTHER BOND INHIBITING MATERIAL BY SANDBLASTING, WATER BLASTING, WIRE BRUSHING CHIPPING OR OTHER BOND INHIBITING MATERIAL BY SANDBLASTING, WATER BLASTING, WIRE BRUSHING CHIPPING OR OTHER MADERIAL MEANS. APPLY ONE UNITED SONDING MAGENT BY BRUSH OR ROLLER PER MANUFACTURER'S RECOMMENDATIONS.

C. CONCRETE AND CONCRETE MASSONRY UNIT SUBSTRATES. WHERE BOND INHIBITING MATERIAL CANNOT

C. CONCRETE AND CONCRETE MASONRY UNIT SUBSTRATES: WHERE BOND INHIBITING MATERIAL CANNOT BE REMOVED, WHERE CONCRETE OR MASONRY SURFACE IRREGULARITIES ARE SUCH THAT MORE THAN ½ INCH OF STUCCO MUST BE APPLIED, OR WHEN THE SURFACE IS TOO DENSE OR NON-ABSORBENT TO RECEIVE THE STUCCO, INSTALL FURRED OR SELF-FURRED LATH.

A.COLD WEATHER REQUIREMENTS: MAINTAIN AMBIENT AND SURFACE TEMPERATURES AB DUDNING APPLICATION AND DRYING PERIOD OF WATERPROOFINGAIN BARRIER MAINTAIN SURVINE STREET, AND A STR

STUCCO AND VENT FUMES AND OTHER PRODUCTS OF COMBUSTION TO THE OUTSIDE IN CONTROL TWITH STUCCO.

B. HOT WEATHER CONDITIONS: PREVENT UNEVEN OR EXCESSIVE EVALORATION OF MOIST STUCCO DURING HOT, DRY OR WINDY WEATHER. PROVIDE SPEED MEASURES TO PROFULE THE STUCCO.

1. USE DAMP LOOSE SAND.

2. USE COOL WATER FOR MIX WATER.

3. PRE-DAMPED MASONRY WALLS PRIOR TO THE OPLICATION OF THE PRATCH COAT.

4. PREVENT THE STUCCO FROM DRYING OUTSIDE OVERING WITH A PLAY TO SHEET, OR FOR THE FIRST 3 TO 5 DAYS.

C. VENTILATION:

PROVIDE VENTU ATION FOR CEMENT PLASTER

2 COVER ALL WALL OPE AFTER CONFIGURATION. ED PRIOR TO PLASTERING, BY COVERING WITH VABLE TYPE MASKING TAPE, NON-STAINING

OF STUCCO.

REQUIREMENTS OF ASTM C926-12A FOR THE

CORDANCE WIT STEED COMPREMENTS OF ASTM C828-12A FOR THE E COAT CEMENT STISCO OVER PROJECT SUBSTRATE CONDITIONS PREVENT ACCUMULATION OF WATER INTO OR BEHIND STUCCO, EITHER BY AKAGE, BY PROVIDING CORROSION RESISTANT FLASHING, AIR LEAKAGE INFUSION AND CONDENSATION SYSTEMS. IN THE STREET OF THE STRE

ANDIOR SIDEWALKS.

STOPPOST DO NOT INSTALL STUCCO ON WEATHER EXPOSED HORIZONTAL SURFACES. SLOPE
1.2 MINIMUM AT HORIZONTAL REVEALS.

STUCCO 1.2 MINIMUM AT HORIZON I AL REVEALS.

E. JOINTS

1. PROVIDE TWO PIECE EXPANSION JOINTS (OR BACK-TO-BACK CASING BEADS) IN STUCCO SYSTEM WHERE BUILDING MOVEMENT IS ANTICIPATED AT CHANGES IN SUBSTRATE CONDITIONS OF SUPPORTING CONSTRUCTION, BUILDING EXPANSION JOINTS, INSTALLED OVER DISSIMILAR CONSTRUCTION, AT CHANGES IN BUILDING HEIGHT, AT FLOOR LINES, COLUMNS, AND CANTILEVERED

2. PROVIDE ONE PIECE EXPANSION/CONTROL JOINTS EVERY 144 SQ. FT. FOR SHEATHING SUBSTRATE APPLICATIONS AND 250 SQ. FT. FOR CONCRETE OR MASONRY SUBSTRATE APPLICATIONS, DO NOT EXCEED LENGTH TO WIDTH RATIO OF 2.5:1 IN EXPANSION JOINT LAYOUT AND DO NOT EXCEED MORE THAN 18 FEET IN ANY DIRECTION WITHOUT AN EXPANSION JOINT

3. PROVIDE ONE PIECE EXPANSION/CONTROL JOINTS AT THROUGH WALL OPENINGS. DOORS AND WINDOW PENETRATIONS.
4. CUT AND WIRE LATH TO THE EXPANSION/CONTROL JOINT ACCESSORY SO LATH IS DISCONTINUOUS

BENEATH THE ACCESSORY, AT EXPANSION JOINTS, BACK WITH AIR BARRIER MEMBRANE A BENEATH THE AUCESSORY. ALL EXPANSION JUINTS, BACK WILL HAR BARKIER MEMBRANE AT SHEATHING SUBSTRATE APPLICATIONS.

5. INSTALL CORNER BEAD AT OUTSIDE CORNERS AND CORNER LATH AT INSIDE CORNERS. INSTALL FULL ACCESSORY PIECES WHERE POSSIBLE AND AVOID SMALL PIECES, SEAL ADJOINING PIECES BY EMBEDDING ENDS IN SEALANT ABUT HORIZONTAL INTO VERTICAL JOINT ACCESSORIES. ATTACH AT NO MORE THAN 7 INCHES ON CENTER INTO SUBSTRATE WITH APPROPRIATE FASTENERS.

6. PROVIDE APPROPRIATE ACCESSORIES AT STUCCO TERMINATIONS AND JOINTS.

7. PROVIDE APPROPRIATE SEALANT AT STUCCO TERMINATIONS.

F. LATH.

1. DIAMOND MESH METAL LATH:

LATH:

1. DIAMOND MESH METAL LATH:

2. GENERAL: INSTALL METAL LATH WITH THE LONG DIMENSION AT RIGHT ANGLES TO STRUCTURAL FRAMING. TERMINATE LATH AT EXPANSION JOINTS. DO NOT INSTALL CONTINUOUSLY BENEATH JOINTS.

3. SEAMS/OVERLAPS: OVERLAP SIDE SEAMS MINIMUM 1/2 INCH AND END SEAMS MINIMUM 1 INCH STAGGER END SEAMS, OVERLAP CASING BEADS AND EXPANSION JOINTS MINIMUM 1 INCH OVER NARROW WING ACCESSORIES, MINIMUM 2 INCHES OVER EXPANDED FLANGE ACCESSORIES. DO NOT INSTALL LATH CONTINUOUSLY BENEATH EXPANSION JOINTS.

2. ATTACHMENT; FASTEN SECURELY INTO SUBSTRATE WITH APPROPRIATE FASTENERS AT 7 INCHES ON SECURE AND SEAMS AND EXPANSION JOINTS.

C. ATTACHMENT: FASTEN SECURELY IN IO SUBSTRATE WITH APPROVIOUS EASTERNESS AT TIME ON CENTER HORIZONTALLY. WHE TIE AT NO MORE THAN 9 INCHES ON CENTER AT SIDE LAPS, ACCESSORY OVERLAPS, AND WHERE END LAPS OCCUR BETWEEN SUPPORTS.
2 WOVEN WIRE FABRIC LATH FOLLOW INSTALLATION REQUIREMENTS FOR METAL LATH EXCEPT OVERLAP ALL SEAMS BY ONE MESH MINIMUM

3. PAPER-BACKED LATH: FOLLOW INSTALLATION REQUIREMENTS FOR METAL LATH, LAP LATH OVER LATH, NOT PAPER TO LATH OVERLAP, FOR HORIZONTAL OVERLAPS THE PAPER BACKING MUST LAF SHINGLE STYLE BEHIND THE LATH TO LATH OVERLAP

A INSTALLATION OVER CAST-IN-PLACE CONCRETE OR CONCRETE MASONRY UNITS:

LINSTALLATION OVER CAST-IN-MICAC CONCRETE ON CONCRETE IN MASONNY UNITS.

1. BONDING AGENT: INSTALL PER MANUFACTURER'S RECOMMENDATIONS.

2. WEEP SCREED INSTALLATION: INSTALL FOUNDATION WEEP SCREED AT THE BASE OF THE WALL.

3. CASING BEADS AND JOINTS: INSTALL AS SPECIFIED.

4. SCRATCH COAT: APPLY STUCCO WITH SUFFICIENT PRESSURE TO ENSURE INTIMATE CONTACT WITH SUBSTRATE AND COMPLETE COVERAGE TO AN APPROXIMATE THICKNESS OF 14 INCH. SCORE THE STUCCO UPON COMPLETION OF EACH PANEL IN PREPARATION FOR A SECOND COAT. SCORE

STUCCO DPON COMPLETION OF EACH PANEL IN PREPARATION FOR A SECOND COAT, SCORE HORIZONTALLY, SOON AS PIRST COAT IS FIRM ENOUGH TO RECEIVE THE SECOND COAT WITHOUT DAMAGE, APPLY THE SECOND COAT ALTERNATIVELY, MOIST CURE THE FIRST COAT UP TO 48 HOURS AND DAMPEN THE SCRATCHED SURFACE WITH WATER IMMEDIATELY BEFORE APPLYING THE SECOND COAT. APPLY THE SECOND COAT WITH SUFFICIENT PRESSURE TO SENDRE INTIMATE CONTACT WITH THE FIRST COAT TO AN APPROXIMATE THICKNESS OF 16 TO 14 NOCH AND AS NEEDED TO BRING THE SURFACE TO A TRUE, EVEN PLANE FILL DEPRESSIONS IN PLANE WITH STUCCO, FINAL THICKNESS OF STUCCO SHALL NOT EXCEED 1/2 INCH

AFTER THE STUCCO HAS LOST SUFFICIENT MOISTURE SO THAT THE SURFACE SHEEN HAS DISAPPEARED, FLOAT THE SURFACE LIGHTLY WITH A DARBY OR WOOD FLOAT TO DENSIFY THE SURFACE AND TO PROVIDE A SMOOTH, EVEN SURFACE. FLOAT BEFORE THE STUCCO BECOMES SO RIGID THAT IT CANNOT BE MOVED BENEATH THE FLOAT

# 8.0 FINISHES - PORTLAND CEMENT STUCCO (CONT.):

B PRIMER INSTALLATION:

1. ACPYLIC BASED PRIMER'SEALER FOR HIGH PH SURFACES: MOIST CURE STUCCO FOR A MINIMUM OF 48 HOURS, APPLY PRIMER EVENLY WITH BRUSH, ROLLER OR PROPER SPRAY EQUIPMENT OVER THE CLEAN, DRY STUCCO, AND ALLOW TO DRY BEFORE APPLYING FINISH.

2 ACRYLIC BASED TINTED SAND MOIST CURE STUCCO FOR A MINIMUM OF 48 HOURS. WAI STUCCO IS 26 DAYS OLD OR THE PH LEVEL OF THE SURFACE IS BELOW 10 BEFORE APPL AND ALLOW TO DRY BEFORE APPLYING FINISH.

INISH COVE INSTRUCTION.

A PPLY SELECTED FINISH DIRECTLY OVER THE STUCCO WHEN DRY, APPLY FITOWELING WITH A STAINLESS STEEL TROWEL, DEPENDING ON THE FINISH THESE GENERAL RULES FOR APPLICATION OF FINISH.

A ALLOW PRIMED STUCCO WALL SURFACE TO DRY MINIMUM 28 DAYS.

c. APPLY FINISH IN A CONTINUOUS APPLICATION, AN WALL AREA. WORK TO AN ARCHITECTURAL BRE. JOINTS.

WORKING TIME AND ACCELERATE D ULLING OF WORK MAY BE TONS EXTEND WORKING TIME DIFICTION AGAINST WIND DUST

D ACCESSORIES. APPLY FINISH TO OUTSIDE FACE

ENTS OF THE PROJECT SPECIFICATIONS

OVEN MY E-ABRIC LATE: SUCCO THICKNESS SHALL BE USED IN AMERICAN SET OF THE MEDICAL SET OF

F. JOINT SEALANTS: INSTALL APPROPRIATE SEALANTS AROUND JOINTS, OPENING AND PENETRATIONS PER MANUFACTURER'S RECOMMENDATIONS.

## 3.06 ADJUSTING AND CLEANING

TO HOT DRY WINDS

2. REMOVE DEFECTIVE AND DAMAGED PLASTER BY CUTTING IT OUT

3. REMOVE BY CUTTING OUT STAINED AND DISCOLORED FINISH-COAT PLASTER SCHEDULED TO REMAIN NATURAL AND UNPAINTED. 4. REPLACE REMOVED PLASTER USING PLASTER WITH SAME COMPOSITION AND BROUGHT TO DESIRED

# TEXTURE AND COLOR CONSISTENT WITH SURROUNDING AREA.

REMOVE PROTECTIVE MATERIALS MASKING ADJACENT SURFACES.

2. REMOVE STAINS THAT AFFECT UNIFORMITY OF PLASTER FINISH

C COLOR UNIFORMITY: TO CORRECT NON-UNIFORM COLOR THROUGHOUT THE FIELD OF THE PLASTER, FOG COAT SPRAY, BETTIRE FINISH-COAT SURFACE PER MANUFACTURERS RECOMMENDATIONS: FOG COATS SHALL CONSIST OF FINISH-COAT MATERIALS, EXCEPT AGGREGATE, SPRAY APPLIED TO ENTIRE FINISH-COAT SURFACE ON DISCOLORED ELEVATIONS IDENTIFIED BY THE OWNER OR ARCHITECT.

7. MOISTURE CURE AFTER THE STUCCO HAS SET BY LIGHTLY FOGGING THE SURFACE FOR AT LEAST 48 HOURS. FOG AS FREQUENTLY AS REQUIRED DURING THE 48 HOUR PERIOD TO PREVENT LOSS OF MOISTURE FROM THE STUCCO. AVIOL BEROOMS THE STUCCO SURFACE WITH EXCESS MOISTURE. IF RELATIVE HUMIDITY EXCEEDS 75% THE FREQUENCY OF MOIST-CURING CAN BE DIMINISHED.

C FINISH COAT INSTALLATION:

b. AVOID APPLICATION IN DIRECT SUNLIGHT.

VING TIME HOT RY CONDITIONS LIMIT WEATHER CONDITIONS AFFECT APPL

AT TO ACHIEVE DESIRED TEXTURE

OF UNPREPARED SURFACES, OR SURFACES NOT IN

CRETE MASONRY UNIT SUBSTRATES WITHOUT LATH: STUCCO

FABRIC LATH: STUCCO THICKNESS SHALL BE 3/4 INCH APPLIED IN THREE COATS.

1. POINT-UP PLASTER AROUND TRIM AND OTHER LOCATIONS WHERE PLASTER ABUTS DISSIMILAR

R CLEANING

3. USE CLEANING METHODS APPROVED IN ADVANCE BY THE ARCHITECT

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REVISIONS:

**SPECIFICATIONS** 

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ARCHITI 103 I ā **~** Mark S, Bromeier License #015841 Exp. Date: 11/30/19

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