

| CODE | MANUFACTURER | STYLE | COLOR | REMARKS | NOTES |
|--------|-------------------|--------------------------|----------------------|------------------------------|---|
| ACT-1 | USG | RADAR | | 24" x 24" | TEGULAR EDGE |
| AP-1 | 3FORM | | | | |
| | | VARIA ECORESIN | FIZZ PERSIMMON | 3/8" GAUGE | |
| CT-1 | FLORIM | FOREST | LIANA | | GROUT: MAPEI PEWTER |
| CT-2 | NOT USED | | | | |
| CT-3 | MANISCALCO | OUTBACK SPLIT FACE | TRAV CHIARO 1 x 4 | | DRY STACK |
| CT-4 | ORIGINAL STYLE | MANDALAY | BRONZE GW-MNDMOS | 11 13⁄16" x 11 13⁄16" | GROUT: LATICRETE LIGHT PEWTER |
| CT-5 | CERAMIC TILEWORKS | TOUCH | SUMMER BREEZE | 12" x 12" | GROUT: LATICRETE LIGHT PEWTER |
| CT-6 | CALABRIA | BR MOSAIC | AK34 | CUT 13" x 13" SHEET IN HALF | GROUT: LATICRETE LIGHT PEWTER |
| CT-7 | CERAMIC TILEWORKS | TOUCH | SUMMER BREEZE | 3" x 6" | GROUT: LATICRETE LIGHT PEWTER |
| | | | | | |
| CPT-1 | SHAW CONTRACT | VERTICAL EDGE TILE-59114 | PAPRIKA MARGIN-67156 | 18 x 36 TILE, RUN MONOLOTHIC | LOCK DOTS |
| CPT-2 | SHAW CONTRACT | COLOUR PLANK TILE-59595 | PAPRIKA-95668 | 18 x 36 TILE CUT TO 9 x 36 | LOCK DOTS |
| | | | | RUN MONOLITHIC | CPT-2 TO BE INSERTED RANDOMLY INTO CPT-1 AT ABOUT 15% OF OVERALL COVERAGE |
| PT-1 | SHERWIN WILLIAMS | DOWNY | SW 7002 | | EGGSHELL |
| PT-2 | SHERWIN WILLIAMS | JALAPENO | SW 6629 | | EGGSHELL |
| PT-3 | SHERWIN WILLIAMS | TWILIGHT GRAY | SW 0054 | | EGGSHELL |
| | | | | | |
| PLAM-1 | WILSONART | KENSINGTON MAPLE | 10776-60 | | |
| PLAM-2 | WILSONART | ANTIQUE WHITE | 1575-60 | | |
| PLAM-3 | WILSONART | CLASSIC LINEN | 4943-38 | | |
| | | | | | |
| | DOELLKEN | | 4125 HARDROCK MAPLE | | FOR PLAM-1 |
| | DOELLKEN | | 2109 ANTIQUE WHITE | | FOR PLAM-2 |
| | | | | | |
| SS-1 | CORIAN | | BISQUE | | ALSO USED FOR WINDOW SILLS |
| SS-2 | CORIAN | | THYME | | |
| | | | | | |
| VB-1 | JOHNSONITE | | 01 SNOW WHITE | 4" ROLL | FOR PT-1 AND PT-3 |
| VB-2 | JOHNSONITE | | 140 CARROT | 4" ROLL | FOR PT-2 |
| | | | | | |
| VWC-1 | FXCOLOR | CUSTOM GRAPHIC | | | |
| VWC-2 | FXCOLOR | CUSTOM GRAPHIC | | | |

PROVIDE THE FOLLOWING ITEMS FOR MAINTENANCE STOCK:
1. PROVIDE A MINIMUM OF 20 EXTRA CEILING TILE PANELS.
2. PROVIDE CARPET TILE, IN ALL COLORS, EQUAL TO 4% OF AMOUNT INSTALLED.
3. PROVIDE A MINIMUM OF 1 GAL. EXTRA PAINT FOR EACH COLOR INSTALLED.
4. PROVIDE NOT LESS THAN 10 LINEAL FEET FOR EACH 500 LINEAL FEET OR FRACTION THEREOF, IN ROLL FORM OF EACH MATERIAL, STYLE AND COLOR OF VINYL WALL BASE INSTALLED.

DIVISION 16 - ELECTRICAL
SCOPE:

The GENERAL, SUPPLEMENTAL and other CONDITIONS of the Contract and the GENERAL REQUIREMENTS are hereby made part of this Division.

The Division pertains to general provisions and requirements for Electrical Work. "Contractor" referred to in this Section of the specification implies the Electrical Contractor.

The Contractor shall provide all items, articles, materials, operations required for a complete installation, including all labor materials, equipment, accessories, wiring and incidentals necessary to be installed in accordance with manufacturer's recommendations.

PERMITS AND SERVICE CHARGES:

All permits and service charges necessary for execution of the work under the Contract shall be obtained by and be paid for by the Contractor. It shall be the responsibility of the Contractor to determine the permit requirements of the local authorities and utility companies.

CODES AND STANDARDS:

Materials and equipment shall be new and of best quality, of the type best suited for the purpose intended, and be made by nationally recognized and substantially established manufacturers. The type and weight of material used for each purpose shall conform with the requirements of the latest standard specification of the "ASTM" for that particular material. All work shall be executed in accordance with all local state and national rules regulations, codes, etc which are applicable and shall be subject to inspection by the proper authorities.

The following list of codes, technical societies, trade organizations and governing agencies shall set the standards by which all work shall be executed:

City Electrical Ordinances
State Electrical Laws and Statutes
National Electrical Code (NEC) Current Edition
National Board of Fire Underwriters (NBFU)
National Electrical Manufacturers Association (NEMA)
Underwriters Laboratories (UL)
Electrical Testing Laboratory (ETL)

Where specific requirements of any code vary with the requirements of another code, the higher standard shall govern the installation. All equipment manufactured in accordance with the provisions of the above codes and standards shall bear the label of the respective association bureau thereon.

CLEANING:

The Contractor and/or Subcontractors shall clear away all debris, surplus materials, etc., resulting from their work or operations daily, leaving the job and equipment in a clean first class condition. All electrical fixtures and/or equipment shall be thoroughly cleaned of all drywall splatters, stickers, rust stains, and other foreign matter or discoloration leaving every part in a first class condition and ready for use.

PAINT:

Contractor shall refinish and restore to the original condition and appearance, all electrical equipment which has sustained damage to the manufacturer's prime and finish coats of enamel or paint.

RECORD DRAWINGS:

At the completion of the project, the record set of drawings shall be turned over to the Owner

OPERATING INSTRUCTIONS:

The Contractor shall furnish the Owner two (2) sets of complete catalog data, manufacturer's literature and detailed manuals covering the operation and maintenance of all equipment specified under the Division. The Contractor shall also supervise the initial operation of all equipment and instruct the operator selected by the Owner in such operation as required to acquaint the Owner's operator thoroughly with the equipment.

GUARANTEE:

All electrical equipment, including equipment used during construction for temporary purposes, shall be guaranteed for a minimum of one year after the time of final acceptance of this work and shall be in like new condition at time of final acceptance.

DESIGN AND DRAWINGS:

In general, the drawings furnished by the Owner

are general construction design development documents. Any suggestion of mechanical work is schematic in nature. The Contractor shall furnish all final design work. The Contractor shall consult the Owner's drawings for dimensions. Drawings shall not take precedence over field measurements. The Contractor shall furnish all incidental labor, material or equipment for the systems so that each system is a complete and operating one.

SHOP DRAWINGS:

Refer to the requirements of the General Conditions. Unless indicated otherwise in the General Conditions, submit to the Owner one (1) copy of Shop Drawings for each item of equipment to be installed under this contract. Furnish additional Shop Drawings as required for coordination with other Contractors. The Contractor shall check all Shop Drawing submittals for size, capacity, arrangement, connection locations, materials, finish, color, electrical characteristics, accessories and shall so note the Shop Drawings. The Owner will not review the Shop Drawings for the purpose of design or operation, or for material quantities which shall be the responsibility of the Contractor or the Contractor's engineer. Shop Drawings will be reviewed by the Owner, only for general functional intent, and will become part of the Owner's permanent file.

DELIVERY AND STORAGE OF MATERIALS:

Make provisions for delivery and safe storage of materials on the job-site and make arrangements with other Contractors for introduction into the building of equipment too large to pass through finished openings. All stored equipment shall be protected from the weather conditions and construction debris with a protective covering securely tied in place.

COORDINATION OF WORK:

The Contractor shall order equipment and materials immediately after receiving the Contract and the electrical installation shall be substantially complete when the general construction work is completed. This Contractor shall confer and cooperate with an other Contractors on this project and shall arrange the Work in proper relation to the work of others. Each Contractor shall furnish, install, and maintain in place all anchors, inserts, sleeves, etc required for installation of the work.

Each Contractor will also be held solely responsible for proper size and location of all anchors, inserts, sleeves, chases, recesses, openings, bases, etc., required for proper installation of the Work. All cutting and patching made necessary by failure or neglect to coordinate with other Contractors shall be the responsibility of the Contractor.

DIVISION 15 - MECHANICAL

SCOPE:

The GENERAL, SUPPLEMENTAL and other CONDITIONS of the Contract and the GENERAL REQUIREMENTS are hereby made part of this Division.

This Division pertains to general provisions and requirements for Plumbing, Heating, Ventilation and Air Conditioning Work. "Contractor" referred to in this Section of the specification implies the Mechanical Contractor(s), all Subcontractors and all Sub-Subcontractors. The Contractor shall provide all items, articles, materials, operations required for a complete installation including all labor, materials equipment, accessories, wiring and incidentals necessary to be installed in accordance with manufacturer's recommendations.

PERMITS AND SERVICE CHARGES:

All permits and service charges necessary for execution of the work under this Contract shall be obtained by and be paid for by the Contractor. It shall be the responsibility of the Contractor to determine the permit requirements of the local authorities and utility companies and the cost of required permits, service charges and tap fees shall be included in the Contractor's Bid.

CODES AND STANDARDS:

All work shall be executed in accordance to all local, state and national rules, regulations codes etc. when are applicable and shall be subject to inspection by the proper authorities. Materials and equipment shall be new and of best quality of the type best suited for the purpose and be made by nationally recognized and substantially established manufacturers.

All work performed and all equipment furnished shall be manufactured and installed in accordance with all applicable codes and standards including the applicable provisions of the following:

1. Local and State Plumbing Codes
2. National Fire Protection Association (NFPA)
3. National Electric Code (NEC)
4. Underwriters Laboratory (UL)
5. American Gas Association (AGA) Standards
6. International Plumbing Code
7. International Mechanical Code
8. ASME Boiler and Pressure Vessel Codes
9. American Waterworks Association (AWWA)
10. National Safety Foundation (NSF)
11. Occupational Safety and Health Act of 1970 (OSHA)

12. International Building Code (IBC)
13. Life Safety Code
14. State Energy Conservation Standards
15. Americans with Disabilities Act (ADA)

All materials installed shall have composite fire and smoke hazard ratings as tested by procedures ASTM 84, NFPA 255 and UL 723 not to exceed 25 Flame Spread and 50 Smoke Developed. Where specific requirements of any code vary with the requirements of another code the higher standard shall govern. All equipment manufactured in accordance with the provisions of the above codes and standards shall bear the label of the respective association bureau thereon.

DESIGN AND DRAWINGS:

In general, the drawings furnished by the Owner are general construction design development documents. Any suggestion of mechanical work is schematic in nature. The Contractor shall furnish all design work. The Contractor shall consult the Owner's drawings for dimensions. Drawings shall not take precedence over field measurements. All design work shall be in accordance with current ASHRAE Standards and Recommendations. The Contractor shall furnish all incidental labor material or equipment for the systems so that each system is a complete and operating one.

HVAC EQUIPMENT:

The HVAC Contractor shall be responsible to size the units and design the entire system. The HVAC Contractor shall also be responsible to install all equipment, plus furnish and install all ductwork, piping and other miscellaneous accessories for a complete system.

SHOP DRAWINGS:

Refer to the requirements of the General Conditions. Unless indicated otherwise in the General Conditions, submit to the Owner one (1) copy of Shop Drawings for each item of equipment to be installed under this contract. Furnish additional Shop Drawings as required for coordination with other Contractors. The Contractor shall check all Shop Drawing submittals for size, capacity arrangement, connection locations, materials, finish, color, electrical characteristics, accessories and shall so note the Shop Drawings. The Owner will not review the Shop Drawings for the purpose

FLOOR FINISH NOTES:

1. CT-1 to be installed staggered per manufacturer's recommendations. Direction of tile to be installed as indicated on plan.
2. CPT-2 is to be inserted randomly into CPT-1 at about 15% of overall coverage (7-9x36 CPT-1/CPT-2 tile per coverage area of 24-18x36 tile) see Figure 1.
3. 18x36 tiles to be field cut to 9x36.
4. CPT-1 to run monolithic.
5. Where the Finish Schedule calls for sealed concrete finish, apply one coat of curing/sealer.

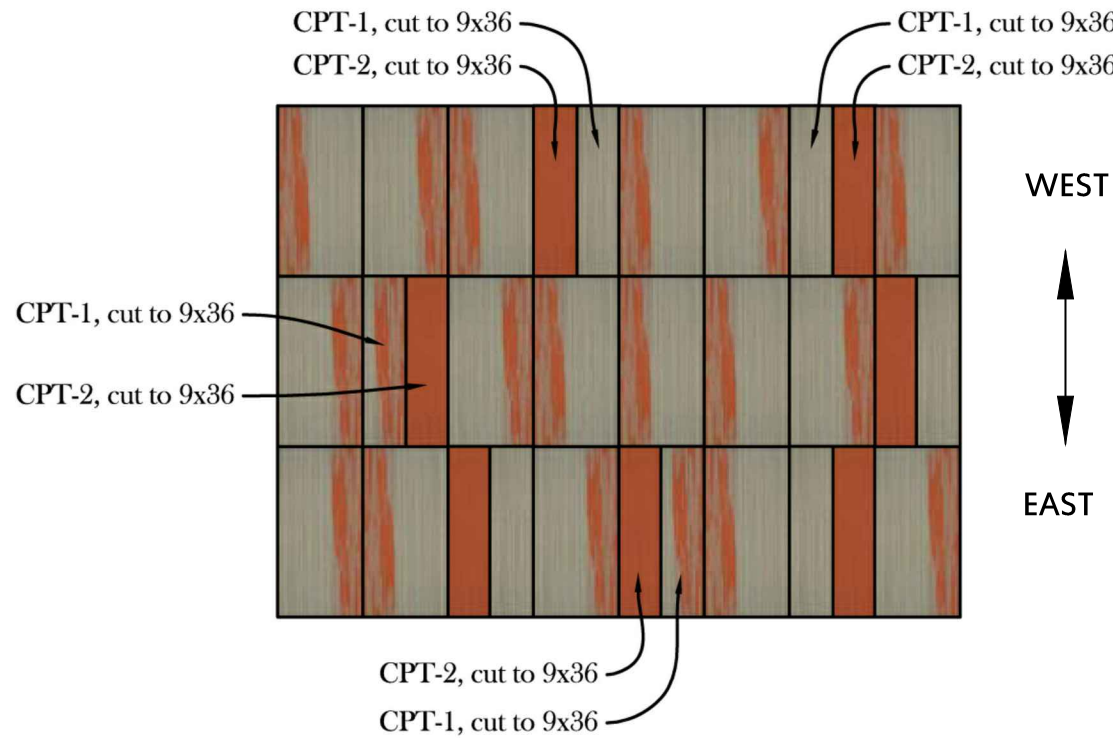


FIGURE 1

WALL FINISH NOTES:

1. All walls shall be painted PT-1 unless noted otherwise.
2. All walls to be a Level 4 finish. Walls with VWC-1 and VWC-2 shall be primed to accept Owner provided vinyl wall graphics. All remaining walls shall receive a light orange peel texture.
3. All exposed ceiling fixtures that hang below joists are to be painted PT-3. Where fixture meets the wall, the wall shall be the paint color of the wall as indicated on Finish Plans. Finished paint detail should look like Figure 2.



FIGURE 2

they pass through walls floors, or ceilings.

EQUIPMENT SUPPORT:

Furnish and install all necessary wall backing, brackets, braces, plates, angles closet carriers, lavatory carriers, urinal carriers, wall hangers, etc., required for properly supporting plumbing fixtures of mechanical equipment and mechanical appurtenances.

EXISTING SERVICES:

The Contractor shall verify the exact location of all existing building services extended and/or relocated for the project. The Contractor shall also verify the exact Location and take proper precautions to protect all services which may be encountered during construction. All active services which are encountered shall be protected, braced and supported where required for proper execution of the work and without interruption of the service if possible. All inactive services which are encountered shall be protected or removed as directed by the Utility Company or Municipality Agency having jurisdiction. The service shall also be plugged or capped as directed.

When active services must be temporarily interrupted, the interruption shall be scheduled at night or at such time as approved by the Owner or authority having jurisdiction and so as to cause the minimum of interference with establishing operating routine.

PAINT:

Contractor shall refinish and restore to the original condition and appearance, all equipment which has sustained damage to the manufacturer's prime and finish coats of enamel or paint.

CLEANING:

The Contractor and/or Subcontractors for the various phases of the Work shall clear away all debris, surplus materials, etc. resulting from their work or operations daily, leaving the job and equipment furnished under any or all contracts in a first class condition. Permanent heating and ventilating systems shall not be used during the construction period unless the project site is in a clean and dust free condition and shall be subject to the approval of the Owner or authority having jurisdiction. Air surfaces of all coils, fan housings, fan wheels, fan motors, air unit plenums, all air filters, boilers, pumps and mechanical equipment shall be wiped clean or washed if required, leaving the installation in a first class condition. All

Architect:



Thomas Mc Inerney Architect reserves the right to determine a fair and equitable solution to any problems, mistakes, oversights or hidden damage. Please do not hesitate to phone our office at 319-331-0365, especially immediately upon discovery a conflict with the Scope of Work.

Please do not instinctively produce a solution or proceed with work that would result in a change order requiring reimbursement by the owner.

Any solutions outside this policy shall be with prior approval and will be at the contractor's expense.

Project :

TENANT IMPROVEMENTS

for

Profile by Sanford

1250 NW 128th Street

Suite #130

CLIVE, IOWA

Project number: 14.09

Note: © COPYRIGHT 2014

UNAUTHORIZED COPYING, DISCLOSURE OR CONSTRUCTION WITHOUT WRITTEN PERMISSION BY THOMAS MCINERNEY, ARCHITECT, IS PROHIBITED.

Issue date:

Date Description

24.03.2014 REVIEW