

- B. Perform demolition in accordance with authorities having jurisdiction.
- C. Remove demolished materials from site unless otherwise directed.
- 1. Remove from site, contaminated, vermin infested, and dangerous materials encountered and dispose of by safe means so as not to endanger health of workers or public.
- D. Remove tools and equipment upon completion of work, leave area in condition acceptable to Owner and Architect.
- E. Surfaces to remain, when cut, shall be carefully restored and refinished to provide continuous even finish to nearest intersections.

**PART 3 - EXECUTION**  
3.1 FORMWORK

- A. General: Construct forms complying with ACI 347, to sizes, shapes, lines and dimensions shown, and as required to obtain accurate alignment, location, grades, level and plumb work finished structures.
- 1. Provide for openings, offsets, sinkages, keyways, recesses, chamfers, anchorages, pipe boots, and inserts and other features required.
- 2. Apply coating of approved release agent prior to formwork in accordance with release agent manufacturer's instructions.
- B. Leakage: Erect forms tight to prevent leakage of mortar; after erection, seal cracks, holes, slits, gaps and apertures in concrete forms so they will withstand pressure and will remain tight.
- C. Removal: Design and assemble forms for easy removal without hammering or prying against concrete surfaces.
- D. Corners: Form intersecting planes to provide true, clean-cut corners, with edge grain of plywood not exposed to form for concrete.
- E. Removing Forms: Prying against face of concrete is not allowed; use wooden wedges.

**3.2 VAPOR RETARDER**

- A. Vapor Retarder: Place, protect, and repair vapor retarder according to ASTM E1843 and manufacturer's written instructions. Seal perimeter, joints, penetrations, and tears in vapor retarder.

**3.3 REINFORCING**

- A. Secure reinforcing steel in place and inspect accuracy before doubling up or closing in forms. Securely tie at intersections and supports with wire, and in such a manner as to preclude displacement during pouring of concrete.
- B. Samples: Furnish sample panels of polished concrete.
- C. Maintenance Instructions: Provide written instructions for recommended periodic maintenance.

**3.4 CONCRETE INSTALLATION**

- A. Construction Joints: Location of construction joints shall be as approved by Architect. Locate joints so as not to impair strength of structure.
- B. Clean and roughen horizontal and vertical construction joints, exposing clean aggregate solidly embedded in mortar matrix.
- C. Extend reinforcing continuously through construction joints.
- D. Concrete: Ready-mixed concrete mixed and transported in accordance with ASTM C94 Specifications for Ready-Mixed Concrete.
- E. Concrete Workmanship: Conform to applicable code requirements for reinforced concrete, and ACI 318 for construction practices and workmanship.
- F. Hot Weather Placement: Conform with ACI 305 to reduce concrete temperature and water evaporation by proper attention to ingredients, production methods, handling, placing, protection and curing.
- G. Cold Weather Placement: Conform to ACI 308 to protect concrete work from physical damage or reduced strength which could be caused by frost, freezing, and low temperatures.
- H. Preparation: Secure reinforcement and other work to be embedded in concrete in position before casting. Accurately set anchor bolts to line and grade and securely hold in position so they are not displaced while concrete is being poured.
- I. Concrete Installation: Carry on concrete, once started, as a continuous operation until section of acceptable size and shape is completed.
- J. Take care not to displace reinforcing, inserts, anchor bolts, welding plates, or any other item to be embedded in concrete.
- K. Thoroughly compact concrete by puddling with suitable tools during placing, thoroughly work around reinforcement, around embedded fixtures, and into corners of forms.
- L. Vibrate concrete to maintain maximum density without segregation of aggregates, do not use vibrator to spread concrete.
- M. Bond new concrete to existing concrete by thoroughly cleaning old work and applying on specified or other approved concrete bonding agent evenly to the interfacing surface in accordance with manufacturer's instructions.
- N. Monolithic Slab Finishes: Comply with ACI 301, but not less than the following.
- O. Float Finish: Apply float finish to monolithic slab surfaces that are recessed to receive bed set finishes.
- P. Steel Trowel Finish: Apply steel trowel finish, minimum 3 passes, to monolithic slab surfaces that are exposed to view, are required to receive hardener treatment, and as required for their floor finish.
- Q. Flatness requirements: Overall FF 40, Local FF 25.
- R. Check and level surface plane to tolerance not exceeding 1/4" in 10 feet when tested with a 10-foot straight edge placed on surface in not less than two different angles.
- S. "Bird's beak" greater than 1/4" in 10 feet shall be filled with patching compound and match concrete strength and appearance. High spots shall be ground flat.
- T. Contractor shall level exposed floor surfaces that do not meet specified tolerances using self-leveling repair topping acceptable to Construction Project Manager.

- REPAIR OF SURFACES
- A. Repair exposed new formed concrete surfaces, where possible, that contain defects which adversely affect appearance of finish or structural capabilities of concrete.
- B. Match adjacent concrete in form, texture and color and strength.
- C. Remove and replace concrete having defective surfaces if defects cannot be repaired to satisfaction of Architect.
- D. Surface Defects: Color and texture irregularities, cracks, spalls, air bubbles, honeycomb, rock pockets and holes left by tie rod and bolts, fins and other discolorations that cannot be removed by cleaning.

**3.6 CURING AND PROTECTION**

- A. Protect concrete during and after curing from damage during subsequent building construction operations.
- B. Seal surface of slabs against moisture loss immediately upon completion of finishing operation by application of a waterproof curing paper with edges lapped and sealed with tape, and paper weighted down.

**END OF SECTION**

**SECTION 03 35 50 - DIAMOND POLISHING CONCRETE FLOORING**

**PART 1 - GENERAL**

**1.1 SUMMARY**

- A. Section Includes: Provide diamond polished concrete flooring using manufactured system including preparation of concrete, curing, densifying, grinding, and sealing/enhancing, as required for complete finished installation.
- 1. Completely remove existing tile, resilient floor finishes, carpet, coatings, and other finishes, underlayment, and adhesives as approved.

**1.2 REFERENCES**

- A. Terrazzo Technical Data, National Terrazzo and Mosaic Association, Inc. (NTMA).

**1.3 ADMINISTRATIVE REQUIREMENTS**

- A. Pre-Installation Meeting: Convene not less than one week prior to commencing pouring new concrete slabs or patching of existing concrete slabs at areas indicated to have a polished concrete floor finish.
- 1. Require attendance of those directly affecting work of this Section including those related to concrete materials, concrete forming and preparation, concrete pouring and finishing, concrete patching, concrete preparation for polishing, and polished concrete flooring.
- 2. Review concrete installation, patching, and finishing procedures and coordination required with related work and polishing requirements.
- 1.4 SUBMITTALS
- A. Product Data: Furnish manufacturer's literature for each type of material involved in polished concrete including methods for grinding and polishing.
- B. Samples: Furnish sample panels of polished concrete.
- C. Maintenance Instructions: Provide written instructions for recommended periodic maintenance.
- 1.5 QUALITY ASSURANCE
- A. Applicators: Firms with not less than ten years successful experience polishing concrete or terrazzo floor surfaces similar to that required for Project.
- B. Mock-Up: Erect minimum 100 square feet of diamond polished existing concrete flooring at location as approved. Approved mock-up may be incorporated into Project.

**PART 2 - PRODUCTS**

- 2.1 SYSTEM MANUFACTURERS
- A. Proscoc/Consolidex LS, Metzger Meguire/RS 65 Polyurea, Hi-Tech Systems/HT-PE65, Questmark Flooring/3380 Grout Coating, Hi-Tech Systems/XTX3.
- B. Ardex/PC-50, Ardex/Ardiseal Rapid Plus, Ardex/PC Finish.
- C. L & M Construction Chemicals/FGS Hardener Plus, L & M Construction Chemicals/Joint Tie 750, L & M Construction Chemicals/Petrotex.
- D. Ardex/PC-T, Ardex/PC-10, Ardex/EP 2000, Ardex/CP, Ardex SD-M, Ardex/Ardufix, Ardex/PC Finish, Ardex/Ardiseal Rapid Plus.
- 2.2 MATERIALS
- A. System Description: Provide polished concrete flooring including preparation of concrete substrate, curing, densifying, grinding, polishing and sealing/enhancing.
- B. Regulatory Requirements, VOC Emissions: Comply with applicable limitations for volatile organic compound (VOC) emissions for integral color concrete materials.
- C. Accessibility Regulatory Requirements: Provide for assisting devices for persons with disabilities in accordance with state and federal regulations for slip resistance.
- 1. Slip Resistance: Provide non-slip finish with minimum wet and dry value coefficient of friction of 0.60 when tested in accordance with ASTM C1028 or comparable test indicating compliance.
- D. Polished Concrete Flooring System: Provide system specified providing polished concrete floor to match Architect samples.
- E. Concrete Preparation Materials: Provide materials for concrete repairs compatible with substrate and manufacturer's polishing system, including following:
  - 1. Concrete Patching Material
  - 2. Concrete Crack and Joint Filler: Fix cracks as small as 1/64" with product recommended by polished concrete materials manufacturer; color to match concrete floor.
  - 3. Pin Hole and Micro-Topping
- F. Leveling Material: Provide leveling slab surface variation exceeds 1/4" in 10'-0", apply topping materials applicable to substrate and to polished concrete finishing materials.
- G. Penetrating Hardener/Densifier: Compatible with substrate and manufacturer's polishing system.
- H. Cleaning Compounds: As recommended by NTMA and manufacturer for terrazzo use.
  - 1. Cleaner: Free from crystallizing salts and water soluble alkaline salts, biodegradable and phosphate free, pH factor between 7 and 10.
- I. Joint Filler: Color to be matched as closely as possible using a Sherwin Williams color chart. Manufacturer to produce product to custom match color selection.
- J. Grout Coat: If required, as recommended by manufacturer, compatible with substrate and manufacturer's polishing system.
- K. Oil Repellent Sealer (If Applicable or Required by Owner): Ready to use silane, siloxane and fluoropolymer's blended water based solution sealer, quick drying, low-odor, oil and water repellent, VOC compliant and compatible with chemically hardened floors.

**PART 3 - EXECUTION**

**3.1 EXAMINATION**

- A. Ensure surfaces are clean and well cured.
- B. Do not commence work until surface conditions are within tolerances required for proper finishing.
- 1. Start of work indicates acceptance of conditions.
- 3.2 PREPARATION
- A. Clean concrete slab free from foreign matter and prepare concrete for polishing in accordance with system manufacturer recommendations. Acid etching and sweeping compounds are not permitted.
- B. Patch and repair existing concrete to provide substrate suitable for polished finish. Fill cuts and control joints to be flush with concrete surface; comply with material manufacturer's recommendations and instructions for preparation and installation of joint filler.
- C. Apply grout coat in accordance with manufacturer recommendations.

- D. Where existing concrete slab surface variation exceeds 1/4" in 10'-0" apply topping materials in accordance with manufacturer recommendations and application instructions.

**3.3 INSTALLATION**

- A. Produce polished concrete finish surface in accordance with polished concrete flooring material manufacturer recommendations and instructions and as required to match approved samples and mock-up.
- 1. Grinding and Polishing: Follow manufacturer recommendations for finishing including grinding and polishing.
- B. Equipment: Use equipment recommended by system manufacturer and as required to achieve finish matching approved samples and mock-up.
- C. Diamond Finish: Follow NTMA recommendations for diamond finishing including grinding of perimeters and edges.
  - 1. Burnishing: Progressively grind with Questmark Diamond Pads or HTC/Twister Diamond Pads diamond grit burnishers of sizes 80, 100, 200, 400, 800, 1500, and 3000 as required to achieve approved polish and gloss.
  - 2. Hardener/Densifier: Apply in accordance with manufacturer recommendations during burnishing operations.
  - 3. Sealing/Enhancing: Apply sealer/enhancer in accordance with manufacturer recommendations and application instructions.
- D. Finish: Standard High gloss (HG-1), 1500 grit; concrete surfaces shall be as uniform in appearance as possible. Level of sheen of between 41 and 55 based on ASTM E430 and matching approved mock-up.
  - 1. Aggregate Exposure: Salt and pepper aggregate exposure.

**3.4 CLEANING**

- A. Comply with system manufacturer recommendations.
- B. Use clean water and stiff bristle fiber brushes to clean polished concrete flooring.
- C. Do not use wire brushes, acid type cleaning agents, cleaning compounds with caustic or harsh fillers, or other materials or methods that could damage polished concrete.
- 3.5 PROTECTION
- A. Comply with system manufacturer recommendations. Keep surface dry for minimum 48 hours after application.
- B. Do not permit traffic on polished concrete floors for at least 72 hours.
- C. Protect finished floor until Substantial Completion.
- D. Repair or replace flooring system damaged prior to Substantial Completion.

**END OF SECTION**

**SECTION 03 54 00 - INTERIOR TOPPING**

**PART 1 - GENERAL**

**1.1 SUMMARY**

- A. Section Includes: Provide pour-in-place toppings for interior flooring intended as a finished traffic surface suitable for interior flooring installations with accessories as required for complete installation. Provide substrate for proper bonding of interior floor topping.
- 1.2 SUBMITTALS
- A. Product Data: Furnish manufacturer's literature.
- B. Shop Drawings: Submit shop drawings for items of work not clearly indicated or detailed in manufacturer's product data.
- C. Test Reports: Submit test results, not less than one test per 1000 square feet and not less than one test per floor.
- 1.3 QUALITY ASSURANCE
- A. Qualification of Installers: Installation shall be by approved applicator using approved mixing/placement equipment.
- A. Deliver materials in original unopened packages, protected from exposure to elements; remove damaged or deteriorated materials from premises.
- 1.5 SITE CONDITIONS
- A. Before, during and after installation, building interior shall be enclosed and maintained at temperature above 50 degrees F until structure and subfloor temperatures are stabilized.
- B. Provide continuous heat and adequate ventilation to rapidly remove moisture until underlayment is dry; provide mechanical ventilation if necessary.

**PART 2 - PRODUCTS**

- 2.1 SYSTEMS MANUFACTURERS
- A. Ardex, Inc./SD-T.
- B. Substitutions: Refer to Section 01 25 00.
- 2.2 MATERIALS
- A. System Description: Provide poured cementitious type floor topping intended as a finished traffic surface.
- B. Performance Criteria: Compressive strength minimum 6000 psi at 28 days, ASTM C190.
- C. Interior Topping: Ardex/SD-T pourable cementitious, high-strength, fast-setting, non-shrink, self-leveling interior topping.
  - 1. Primer: Ardex/EP 2000 Epoxy Primer.
- D. Existing Slab Moisture Control: Ardex/MC moisture control system.
- E. Aggregates: Washed mason, mortar or plaster sand, and other clean nondeleterious aggregates as recommended by underlayment manufacturer as required for indicated thickness of underlayment.
- F. Water: Clean and free from impurities and substances deleterious to underlayment.
- G. Sealer: As recommended by topping manufacturer; both primer and sealer are required.

**PART 3 - EXECUTION**

**3.1 PREPARATION**

- A. Inspect subfloor for structurally sound condition required for type of interior topping and conditions under which work will be performed.
  - 1. Start of work indicates acceptance of conditions.
- B. Prepare slabs to produce sound, dry surface as required for proper bonding of underlayment. Where moisture in slab exceeds topping system manufacturer recommendations apply existing slab moisture control in accordance with system manufacturer recommendations and application instructions.
  - 1. Bead blast substrate prior to application of moisture control materials to remove surface contaminants and to prepare substrate for interior topping.

- 2. Ensure area to be poured is clean and free of mud, oil, grease or other contaminants.

**3.2 INSTALLATION**

- A. Priming: Prime in accordance with interior topping manufacturer's recommendations.
- B. Mix interior topping in accordance with manufacturer's recommendations for type of placement operation employed; do not exceed amounts of water determined by manufacturer.
- C. Keep mixing and placement equipment clean and free of hardened lumps of cementitious materials.
- D. Provide adequate equipment and personnel to ensure uniform, continuous flow of interior topping at point of delivery without segregation and loss of material.
- E. Schedule application as late as possible during construction to avoid damage by heavy trades.
- F. Pour should be scheduled after installation of drywall to minimize damage to installed underlayment and to complete fire and sound seals.
- G. Install interior topping in one layer at minimum thickness recommended by interior topping manufacturer unless thickness indicated on Drawings.
- H. Do not interrupt placement of interior topping until entire section is completed; ensure no slurry is placed against interior topping that has obtained initial set, except at authorized joints.
- I. Immediately after placement, screed and trowel to required thickness and trowel to smooth, even plane.
- J. Clean spatter from supporting structure and walls before spatter sets.
- K. Provide adequate ventilation at night, if necessary, after placement of interior topping to ensure complete drying.
- L. Apply sealant to openings in accordance with manufacturer's recommendations of interior topping manufacturer and recommendations of application instructions of sealer manufacturer if different from interior topping manufacturer.
- 3.3 FIELD QUALITY CONTROL
- A. Site Tests: Test, record results, and label each test specimen relating to area under test is placed.
  - 1. Compressive strength test in accordance with ASTM C472 testing procedures, using 2" cube molds.

**END OF SECTION**

**SECTION 04 - MASONRY (NOT USED)**

**DIVISION 05 - METALS**

**SECTION 05 40 00 - COLD-FORMED METAL FRAMING**

**PART 1 - GENERAL**

**1.1 SUMMARY**

- A. Section Includes: Provide cold-formed non-load bearing metal framing, 18 gage and heavier, with anchorage and bracing, and with accessories as required for complete installation.
  - 1. Light gage metal framing, 20 gage and lighter, is in Section 09 21 00 - Gypsum Board Assemblies
- 1.2 ADMINISTRATIVE REQUIREMENTS
- A. Delegated Design Requirements: Provide special engineering to ensure compliance with applicable codes and Contract Documents.
  - 1. Wall Mounted Merchandising: Specified deflection limits shall include loads from wall mounted merchandising systems which support up to 375 pounds per linear foot, both on partial height walls and on walls anchored at head and sills only with not intermediate structural supports.
  - 2. Coordinate stud sizes and layouts with the work of the various trades. Where ductwork, conduit, piping, casework, and other such items exceed indicated available space, increase stud sizes or make other minor modifications as necessary to accommodate the work at no change in cost of the Work.
  - 3. Coordinate details and requirements of other Work which adjoins or fastens to studs and requires backing or special support framing included in this Section. Obtain Architect's approval of backing method proposed to satisfy requirements of this Section which differs from methods noted or shown.

**1.3 SUBMITTALS**

- A. Product Data: Submit manufacturer's literature.
  - 1. Submit ICC-ES Reports for stud gage and spacing for wall conditions.
- B. Shop Drawings: Indicate component details, framing of openings, and welds, type and location of mechanical fasteners and accessories, and items required of other work for complete installation.
- C. Delegated Design Certificates: Submit certification signed by structural engineer, licensed at Project location, indicating compliance with Contract Documents and code requirements.
- D. Experience of installer if requested.
- 1.4 QUALITY ASSURANCE
- A. Welder Qualifications: Use qualified welders and comply with AWS D1.3.

**PART 2 - PRODUCTS**

- 2.1 SYSTEM MANUFACTURERS
- A. ClarkDietrich Building Systems, CEMCO, United Metal Products, or Steel Stud Manufacturers Association Members.
- B. Substitutions: Refer to Section 01 25 00.
- 2.2 MATERIALS
- A. System Description: Provide non-load bearing metal framing, 18 gage and heavier, with anchorage and bracing, and with accessories as required for complete installation.
- B. Regulatory Requirements, Loads: Comply with loads as required by applicable building code including loads on framing from other systems.
- C. Design Requirements: Calculate structural properties of metal framing system in accordance with American Iron and Steel Institute (AISI) "Specification for Design of Cold-Formed Steel Structural Members."
  - 1. Deflection: Provide for maximum L/240 typical, L/360 where plaster or where tie is indicated.
- D. Seismic Requirements: Comply with code requirements for seismic bracing where Project is located in area defined by applicable code as seismic area.

- D. Performance Criteria, Fire Rated Assemblies: Provide framing approved for use in fire rated assemblies.

- E. Framing Members: Sheet steel conforming to ASTM A1003, A1011, or ASTM A653, formed into "C" shaped sections, with knurled sides and faces.
  - 1. Gages: As required to comply with applicable building code and specified design and performance criteria, but not less than indicated on Drawings; gages color coded in accordance with ASTM C855.
  - 2. 18 Gage: Minimum 33,000 psi commercial quality steel sheet.
  - 3. 16 Gage and Heavier: Minimum 50,000 psi structural quality steel sheet.
- F. Track: Formed steel; channel shaped, same width as studs, formed fit.
- G. Bracing: Formed galvanized sheet steel, channel shaped.
- H. Plates, Gussets, Clips: Galvanized steel, of formed of same material as required for particular use.
- I. Fasteners
  - 1. Self-Drilling Self-Tapping Screws, Bolts, Nuts and Washers: Hot dip galvanized, ASTM A90.
  - 2. Anchoring Devices: Powder coated or drilled expansion bolts, or screws with sleeves.
  - 3. Welding: In accordance with Structural Welding Code - Sheet Steel.
- J. Finish
  - 1. Interior Framing: Approved rust resistant primer.
  - 2. Framing at Exterior Walls: Galvanized, ASTM A924 and A653, minimum G60 coating.
  - 3. Accessories: Match framing finish.
- 2.3 FABRICATION
- A. Fabricate assemblies and framed sections of sizes and profiles indicated, with joints fitted and secured, reinforced, and braced to meet design requirements. Comply with fabrication and connection recommendations of NAAMM ML/SFA 540, "Lightweight Steel Framing Systems Manual."
- B. Fit and assemble in largest practical sections for delivery and installation.
- C. Wire tying of framing components is not acceptable.

**PART 3 - EXECUTION**

**3.1 INSTALLATION**

- A. Install metal framing systems in accordance with manufacturer's printed instructions. Comply with connection and erection recommendations of NAAMM ML/SFA 540, "Lightweight Steel Framing Systems Manual."
- B. Align top and bottom tracks, locating to wall layout; secure in place with screws and welding at maximum 16" centers.
  - 1. Where connected to building structure provide systems capable of preventing structure deflection and movement from transferring into cold-formed metal framing.
- C. Erect studs, brace, and reinforce to develop full strength. Place studs not more than 2" from abutting walls and at each side of openings; connect studs to tracks in accordance with manufacturer's instructions.
- D. Construct corners using minimum three studs; double studs at openings.
- E. Install intermediate studs above and below openings to match wall spacing.
- F. Install cross stud channels for items anchored to walls and attachment of mechanical and electrical items.
- G. Assure framing provides true and flat surfaces, ready to receive finish, with maximum variation of 1/8" in 10'-0".
- H. Touch-up protective coating damaging during handling and installation.
  - 1. Exterior Framing: Use zinc-rich galvanizing repair paint for galvanized surfaces.
  - 2. Interior Framing: Use compatible primer for prime coated surfaces.

**END OF SECTION**

**SECTION 05 50 00 - METAL FABRICATIONS**

**PART 1 - GENERAL**

**1.1 SUMMARY**

- A. Section Includes: Provide stock and custom fabricated metal items scheduled at end of this Section, complete in respect to function as intended. Metal fabrications include items made from iron and steel shapes, plates, bars, strips, tubes, pipes and castings which are not a part of structural steel or metal systems specified elsewhere.
- B. Decorative metal items are in Section 05 70 00 - Decorative Metals.
- 1.2 ADMINISTRATIVE REQUIREMENTS
- A. Coordination: Coordinate installation of anchorages, furnish setting drawings, diagrams, templates, and directions for installing anchorages, sleeves, inserts, anchor bolts, and items with integral anchors, embedded in concrete.
- 1.3 SUBMITTALS
- A. Product Data: Submit manufacturer's literature for products used in metal fabrications, including paint, grout and manufactured items.
- B. Shop Drawings: Submit for fabrication and erection of metal fabrications. Indicate profiles, sizes, connection, reinforcing and anchorage. Provide templates for anchorage installation by others. Where metal fabrications are indicated to fit to other construction, verify dimensions of other construction by field measurements before fabrication, and indicate measurements on shop drawings.
- C. Certifications: Submit certifications for each welder.

**PART 2 - PRODUCTS**

- 2.1 MATERIALS
- A. System Description: Provide stock and custom fabricated metal items.
- B. Steel Shapes, Plates and Bars: ASTM A36 or CAN/CSA 640.21M87 for Canada.
- C. Structural Steel Sheet: Hot rolled, ASTM A1011; or cold rolled, ASTM A1008, Class 1, of grade required for design loading.
- D. Steel Pipe: ASTM A53, Type S seamless, grade as selected by fabricator and as required for design loading; minimum standard weight, STD or Schedule 40.
- E. Steel Tubing: Cold formed ASTM A500; or hot rolled, ASTM A501; minimum Grade B; seamless where exposed.
- F. Castings: Gray iron, ASTM A48, Class 30; malleable iron, ASTM A47.
- G. Concrete Inserts: Threaded or wedge type; galvanized ferrous castings, either malleable iron ASTM A47, or cast steel ASTM A27. Provide bolts, washers and shims as required, hot-dip galvanized, ASTM A153.

**REMODEL STORE**



CAPITOL DEVELOPMENT  
FOLSOM STREET  
SAN FRANCISCO, CA 94105

REPS I.D.: 0000131847

STORE NUMBER: 5724  
STORE LOCATION: BUCKHEAD STATION  
1 BUCKHEAD LOOP NE  
ATLANTA, GA 30326

DESIGN TYPE: P3  
GENERATION: 18012  
PROTOTYPE DATE: 08/31/17  
OPENING: 2018

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TITLE SHEET:  
SPECIFICATIONS

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