Form # P 04

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK

CITY OF PORTLAND

BU[illegible]TION

PERMIT

Please Read Application And Notes, If Any, Attached

Permit Number: 090447

PERMIT ISSUED
AUG - 7 2009
CITY OF PORTLAND

This is to certify that FINARD MURRAY W TR /A[illegible] W

has permission to Re-face entire building

AT 1 MONUMENT SQ CP[illegible] 032 K012001

provided that the person or persons, fi[illegible] or co[illegible]on ac[illegible]ting this permit shall comply with all of the provisions of the Statutes of Ma[illegible]e and of the O[illegible]ces of the City of Portland regulating the construction, maintenance and use[illegible]f buildings and stru[illegible]res, and of the application on file in this department.

Apply to Public Works for street line and grade if nature of work requires such information.

Noti[illegible]tion o[illegible]spectio[illegible]nust be give[illegible]nd writte[illegible]ermissio[illegible]rocured befo[illegible]his bui[illegible]g or pa[illegible]hereof is lathe[illegible]or othe[illegible]ed-in. 24 HOU[illegible]NOTICE IS REQUIRED.

A certificate of occupancy must be procured by owner before this building or part thereof is occupied.

OTHER REQUIRED APPROVALS

Fire Dept. APP. K. [illegible]

City of Portland, Maine - Building or Use Permit Application

389 Congress Street, 04101 Tel: (207) 874-8703, Fax: (207) 874-8716

Permit No:	Issue Date:	CBL:
09-0447	8/5/09	032 K012001

Location of Construction:	Owner Name:	Owner Address:	Phone:
1 MONUMENT SQ	FINARD MURRAY W TR	ONE MONUMENT SQUARE SUITE	
Business Name:	**Contractor Name:**	**Contractor Address:**	**Phone**
	AP & W	865 Spring Street Westbrook	2078797800
Lessee/Buyer's Name	**Phone:**	**Permit Type:**	**Zone:**
		Alterations - Commercial	B-3

Past Use:	Proposed Use:	Permit Fee:	Cost of Work:	CEO District:
Commercial	Commercial - Re-face entire building	$15,550.00	$1,553,000.00	1

FIRE DEPT: ☑ Approved ☐ Denied

Signature: KG

INSPECTION:
Use Group: 13 Type: IIB
IBC-2003

Signature:

Proposed Project Description:
Re-face entire building

PEDESTRIAN ACTIVITIES DISTRICT (P.A.D.)

Action: ☐ Approved ☐ Approved w/Conditions ☐ Denied

Signature: Date:

Permit Taken By:	Date Applied For:
Ldobson	05/12/2009

1. This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules.
2. Building permits do not include plumbing, septic or electrical work.
3. Building permits are void if work is not started within six (6) months of the date of issuance. False information may invalidate a building permit and stop all work..

Zoning Approval

Special Zone or Reviews	Zoning Appeal	Historic Preservation
☐ Shoreland	☐ Variance	☑ Not in District or Landmark
☐ Wetland	☐ Miscellaneous	☑ Does Not Require Review
☐ Flood Zone	☐ Conditional Use	☐ Requires Review
☐ Subdivision	☐ Interpretation	☐ Approved
☐ Site Plan	☐ Approved	☐ Approved w/Conditions
Maj ☐ Minor ☐ MM ☐	☐ Denied	☐ Denied
Date: ok 5/15/09	Date: PERMIT ISSUED	Date: 5/18/09

AUG - 7 2009
CITY OF PORTLAND

D. Andrews

CERTIFICATION

I hereby certify that I am the owner of record of the named property, or that the proposed work is authorized by the owner of record and that I have been authorized by the owner to make this application as his authorized agent and I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in the application is issued, I certify that the code official's authorized representative shall have the authority to enter all areas covered by such permit at any reasonable hour to enforce the provision of the code(s) applicable to such permit.

SIGNATURE OF APPLICANT | ADDRESS | DATE | PHONE

RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE | DATE | PHONE

City of Portland, Maine - Building or Use Permit

389 Congress Street, 04101 Tel: (207) 874-8703, Fax: (207) 874-8716

Permit No:	Date Applied For:	CBL:
09-0447	05/12/2009	032 K012001

Location of Construction:	Owner Name:	Owner Address:	Phone:
1 MONUMENT SQ	FINARD MURRAY W TR	ONE MONUMENT SQUARE SUITE	
Business Name:	**Contractor Name:**	**Contractor Address:**	**Phone**
	AP & W	865 Spring Street Westbrook	(207) 879-7800
Lessee/Buyer's Name	**Phone:**	**Permit Type:**	
		Alterations - Commercial	

Proposed Use:	Proposed Project Description:
Commercial - Re-face entire building	Re-face entire building

Dept: Historic **Status:** Not Applicable **Reviewer:** Deborah Andrews **Approval Date:** 05/18/2009

Note: **Ok to Issue:** ☑

1) * Not subject to HP review and approval, as the site plan application for the project was submitted prior to effective date of Congress Street Historic District.

Dept: Zoning **Status:** Approved **Reviewer:** Marge Schmuckal **Approval Date:** 05/15/2009

Note: **Ok to Issue:** ☑

Dept: Building **Status:** Approved with Conditions **Reviewer:** Chris Hanson **Approval Date:** 08/05/2009

Note: **Ok to Issue:** ☑

1) This permit is approved, all of the review questions/comments have been responded to and adequately satisfy code compliance of this project.
2) All penetratios through rated assemblies must be protected by an approved firestop system installed in accordance with ASTM 814 or UL 1479, per IBC 2003 Section 712.
3) Fastener schedule per the IBC 2003
4) Separate permits are required for any electrical, plumbing, sprinkler, fire alarm or HVAC or exhaust systems. Separate plans may need to be submitted for approval as a part of this process.

Dept: Fire **Status:** Approved **Reviewer:** Capt Keith Gautreau **Approval Date:** 05/27/2009

Note: **Ok to Issue:** ☑

Comments:

5/18/2009-gg: received permit from historic as of 5/18/09. /gg

6/10/2009-csh: Requested stamped plans, spec's on panels, cert of design from eng.----Chris

General Building Permit Application

If you or the property owner owes real estate or personal property taxes or user charges on any property within the City, payment arrangements must be made before permits of any kind are accepted.

Location/Address of Construction: ONE MONUMENT SQUARE		
Total Square Footage of Proposed Structure/Area	Square Footage of Lot	Number of Stories 10
Tax Assessor's Chart, Block & Lot Chart# Block# Lot# 32 K 12	Applicant *must be owner, Lessee or Buyer* Name APEW Address 865 SPRING ST City, State & Zip ~~PORTLAND~~ WEST BROOK ME 04092	Telephone: 207 879 7800
Lessee/DBA (If Applicable)	Owner (if different from Applicant) Name FINARD PROPERTIES Address ONE MONUMENT SQ	Cost Of Work: $_____ C of O Fee: $_____

BUILDING PERMIT INSPECTION PROCEDURES

Please call 874-8703 or 874-8693 (ONLY)

to schedule your inspections as agreed upon

Permits expire in 6 months, if the project is not started or ceases for 6 months.

The Owner or their designee is required to notify the inspections office for the following inspections and provide adequate notice. Notice must be called in 48-72 hours in advance in order to schedule an inspection:

By initializing at each inspection time, you are agreeing that you understand the inspection procedure and additional fees from a "Stop Work Order" and "Stop Work Order Release" will be incurred if the procedure is not followed as stated below.

A Pre-construction Meeting will take place upon receipt of your building permit.

__X__ Final inspection required at completion of work.

Certificate of Occupancy is not required for certain projects. Your inspector can advise you if your project requires a Certificate of Occupancy. All projects DO require a final inspection.

If any of the inspections do not occur, the project cannot go on to the next phase, REGARDLESS OF THE NOTICE OR CIRCUMSTANCES.

CERIFICATE OF OCCUPANCES MUST BE ISSUED AND PAID FOR, BEFORE THE SPACE MAY BE OCCUPIED.

Signature of Applicant/Designee — Date 8/7/09

Signature of Inspections Official — Date 8/7/09

CBL: 032 K012001 **Building Permit #:** 09-0447

AD&W ARCHITECTURAL DOORS & WINDOWS SINCE 1946

ESTIMATING / FABRICATION

To: CITY OF PORTLAND BUILDING INSPECTORS OFFICE	From: DENNIS AMBEL
ATTN: CHRIS HANSEN	Date: 7/31/09
PROJECT: MONUMENT SQUARE	Pages: (4)

☐ Please Quote ☑ Urgent ☑ For Review ☐ Please Comment

CHRIS: I dropped off a set of our composite panel drawings for your review, they were engineered drawings stamped and submitted. Apparently, you requested a set of specifications and you would like a maine engineer to stamp the drawings. I have sent these drawings to an engineer in Maine and he will review and I can retain stamp fees as well. In the meantime, there is no specification for this project, just design architect @ S.M.R.T.

Attached, please find a set of composite panel specifications by S.M.R.T. that we just completed at the Maine Turnpike Authority Building on outer Congress, where we used the same system. Hopefully, this will be enough information for you to correlate to the stamped drawings. Any questions, please call me @ 878-7800 X2468 or cell 415-5069

P.S. JANET HANSEN IS THE DESIGN ARCHITECT 772-3846

Respectfully Dennis Ambel

☑ 865 Spring Street, Westbrook, ME 04092
Phone# 207-879-7800
Fax: 207-774-3982

☐ 75 Liberty Drive, Brewer, ME 04412
Phone# 207-907-7800
Fax: 207-907-7802

SECTION 074243

COMPOSITE WALL PANELS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

A. Section includes metal-faced composite wall panels with mounting system. Panel mounting system includes anchorages, shims, furring, fasteners, gaskets and sealants, related flashing adaptors, and masking (as required) for a complete installation.

B. Related Sections:

1. Division 05 Section "Cold-Formed Metal Framing" for cold-formed metal framing supporting metal-faced composite wall panels.

2. Division 06 Section "Sheathing."

3. Division 07 Section "Sheet Metal Flashing and Trim."

4. Division 07 Section "Joint Sealants."

1.3 DEFINITION

A. Metal-Faced Composite Wall Panel Assembly: Metal-faced composite wall panels, attachment system components, miscellaneous metal framing, and accessories necessary for a complete weathertight wall system.

1.4 PERFORMANCE REQUIREMENTS

A. General Performance: Metal-faced composite wall panel assemblies shall comply with performance requirements without failure due to defective manufacture, fabrication, installation, or other defects in construction.

B. Air Infiltration: Air leakage through assembly of not more than 0.06 cfm/sq. ft. (0.3 L/s per sq. m) of wall area when tested according to ASTM E 283 at the following test-pressure difference:

1. Test-Pressure Difference: 1.57 lbf/sq. ft. (75 Pa).

C. Water Penetration Under Static Pressure: No water penetration when tested according to ASTM E 331 at the following test-pressure difference:

1. Test-Pressure Difference: 6.24 lbf/sq. ft. (300 Pa).

D. Structural Performance: Provide metal-faced composite wall panel assemblies capable of withstanding the effects of the following loads and stresses within limits and under conditions indicated, based on testing according to ASTM E 330:

1. Wind Loads: Determine loads based on the following minimum design wind pressures:
   a. Uniform pressure as indicated on Drawings.

2. Deflection Limits: Metal-faced composite wall panel assemblies shall withstand wind loads with horizontal deflections no greater than 1/175 of the span at the perimeter and 1/60 of the span anywhere in the panel.

E. Thermal Movements: Allow for thermal movements from ambient and surface temperature changes by preventing buckling, opening of joints, overstressing of components, failure of joint sealants, failure of connections, and other detrimental effects. Base calculations on surface temperatures of materials due to both solar heat gain and nighttime-sky heat loss.

1. Temperature Change (Range): 120 deg F (67 deg C), ambient; 180 deg F (100 deg C), material surfaces.

1.5 SUBMITTALS

A. Product Data: For each type of product indicated. Include construction details, material descriptions, dimensions of individual components and profiles, and finishes for each type of metal-faced composite wall panel and accessory.

B. Shop Drawings: Show fabrication and installation layouts of metal-faced composite wall panels; details of edge conditions, joints, panel profiles, corners, anchorages, attachment system, trim, flashings, closures, and accessories; and special details. Distinguish among factory-, shop-, and field-assembled work.

1. Accessories: Include details of the following items, at a scale of not less than 1-1/2 inches per 12 inches (1:10):

   a. Flashing and trim.
   b. Anchorage systems.

C. Samples for Initial Selection: For each type of metal-faced composite wall panel indicated with factory-applied color finishes.

1. Include similar Samples of trim and accessories involving color selection.
2. Include manufacturer's color charts consisting of strips of cured sealants showing the full range of colors available for each sealant exposed to view.

D. Samples for Verification: For each type of exposed finish required, prepared on Samples of size indicated below:

1. Metal-Faced Composite Wall Panels: Minimum 12 x 12 inches (300 x 300 mm). Include fasteners, closures, and other metal-faced composite wall panel accessories.

2. Trim and Closures: 12 inches (300 mm) long. Include fasteners and other exposed accessories.
3. Accessories: 12-inch- (300-mm-) long Samples for each type of accessory.
4. Exposed Sealants: For each type and color of joint sealant required. Install joint sealants in 1/2-inch- (13-mm-) wide joints formed between two 6-inch- (150-mm-) long strips of material matching the appearance of metal-faced composite wall panels adjacent to joint sealants.

E. Coordination Drawings: Exterior elevations, drawn to scale, on which the following items are shown and coordinated with each other, using input from installers of the items involved:

1. Wall panels and attachments.
2. Wall-mounted items including doors, windows, louvers, and lighting fixtures.
3. Penetrations of wall by pipes and utilities.

F. Compatibility and Adhesion Test Reports: From sealant manufacturer, indicating the following:

1. Materials forming joint substrates and joint-sealant backings have been tested for compatibility and adhesion with joint sealants.
2. Interpretation of test results and written recommendations for primers and substrate preparation needed for adhesion.

G. Product Test Reports: Based on evaluation of comprehensive tests performed by a qualified testing agency, for each product.

H. Maintenance Data: For metal wall panels to include in maintenance manuals.

I. Warranties: Samples of special warranties.

1.6 QUALITY ASSURANCE

A. Testing Agency Qualifications: Qualified according to ASTM E 329 for testing indicated.

B. Source Limitations: Obtain each type of metal-faced composite wall panel from single source from single manufacturer.

C. Composite wall panel manufacturer shall have a minimum of 5 years of experience in the manufacturing of this product.

D. The fabricator/installer shall be acceptable to the composite panel manufacturer.

E. Panel fabricator/installer shall assume responsibility for all components of the exterior panel system including, but not limited to attachment to sub-construction, panel to panel joinery, panel to dissimilar joinery and joint seal associated with the panel system.

F. Mockups: Build mockups to verify selections made under sample submittals and to demonstrate aesthetic effects and set quality standards for fabrication and installation.

1. Build mockup as shown on Drawings.
2. Approval of mockups does not constitute approval of deviations from the Contract Documents contained in mockups unless Architect specifically approves such deviations in writing.

1.7 DELIVERY, STORAGE, AND HANDLING

A. Deliver components, sheets, metal-faced composite wall panels, and other manufactured items so as not to be damaged or deformed. Package metal-faced composite wall panels for protection during transportation and handling.

B. Unload, store, and erect metal-faced composite wall panels in a manner to prevent bending, warping, twisting, and surface damage.

C. Store metal-faced composite wall panels vertically, covered with suitable weathertight and ventilated covering. Store metal-faced composite wall panels to ensure dryness, with positive slope for drainage of water. Do not store metal-faced composite wall panels in contact with other materials that might cause staining, denting, or other surface damage. Do not allow storage space to exceed 120 deg F (49 deg C).

D. Retain strippable protective covering on metal-faced composite wall panel for period of panel installation.

1.8 PROJECT CONDITIONS

A. Weather Limitations: Proceed with installation only when existing and forecasted weather conditions permit assembly of metal-faced composite wall panels to be performed according to manufacturer's written instructions and warranty requirements.

B. Field Measurements: Verify locations of structural members and wall opening dimensions by field measurements before metal-faced composite wall panel fabrication and indicate measurements on Shop Drawings.

1.9 COORDINATION

A. Coordinate metal-faced composite wall panel assemblies with rain drainage work, flashing, trim, and construction of studs, soffits, and other adjoining work to provide a leakproof, secure, and noncorrosive installation.

1.10 WARRANTY

A. Special Warranty: Manufacturer's standard form in which manufacturer agrees to repair or replace components of metal-faced composite wall panel assemblies that fail in materials or workmanship within specified warranty period.

1. Failures include, but are not limited to, the following:

a. Structural failures, including rupturing, cracking, or puncturing.
b. Deterioration of metals and other materials beyond normal weathering.

2. Warranty Period: Two years from date of Substantial Completion.

B. Special Warranty on Panel Finishes: Manufacturer's standard form in which manufacturer agrees to repair finish or replace metal-faced composite wall panels that show evidence of deterioration of factory-applied finishes within specified warranty period.

1. Exposed Panel Finish: Deterioration includes, but is not limited to, the following:

a. Color fading more than 5 Hunter units when tested according to ASTM D 2244.
b. Chalking in excess of a No. 8 rating when tested according to ASTM D 4214.
c. Cracking, checking, peeling, or failure of paint to adhere to bare metal.

2. Finish Warranty Period: 20 years from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 PANEL MATERIALS

A. Aluminum Sheet: Coil-coated sheet, ASTM B 209 (ASTM B 209M), alloy as standard with manufacturer, with temper as required to suit forming operations and structural performance required.

1. Surface: Smooth, flat finish.
2. Exposed Coil-Coated Finishes:

a. Three-Coat Fluoropolymer: AAMA 620. Fluoropolymer finish containing not less than 70 percent PVDF resin by weight in both color coat and clear topcoat. Prepare, pretreat, and apply coating to exposed metal surfaces to comply with coating and resin manufacturers' written instructions.

3. Concealed Finish: Apply pretreatment and manufacturer's standard white or light-colored acrylic or polyester backer finish, consisting of prime coat and wash coat with a minimum total dry film thickness of 0.5 mil (0.013 mm).

B. Panel Sealants:

1. Joint Sealant: ASTM C 920; elastomeric polyurethane, polysulfide, or silicone sealant; of type, grade, class, and use classifications required to seal joints in metal-faced composite wall panels and remain weathertight; and as recommended in writing by panel manufacturer.

C. Subgirts: Manufacturer's standard C- or Z-shaped sections 0.064-inch (1.63-mm) nominal thickness.

D. Zee Clips: 0.079-inch (2.01-mm) nominal thickness.

E. Base or Sill Angles: 0.079-inch (2.01-mm) nominal thickness.

F. Fasteners for Miscellaneous Metal Framing: Of type, material, size, corrosion resistance, holding power, and other properties required to fasten miscellaneous metal framing members to substrates.

2.2 MISCELLANEOUS MATERIALS

A. Aluminum Extrusions: ASTM B 221 (ASTM B 221M), alloy and temper recommended by manufacturer for type of use and finish indicated.

B. Fasteners: Self-tapping screws, bolts, nuts, self-locking rivets and bolts, end-welded studs, and other suitable fasteners designed to withstand design loads. Provide exposed fasteners with heads matching color of metal-faced composite wall panels by means of plastic caps or factory-applied coating. Provide EPDM, PVC, or neoprene sealing washers.

2.3 METAL-FACED COMPOSITE WALL PANELS

A. General: Provide factory-formed and -assembled, metal-faced composite wall panels fabricated from two metal facings bonded, using no glues or adhesives, to solid, extruded thermoplastic core; formed into profile for installation method indicated. Include attachment system components and accessories required for weathertight system.

1. Products: Subject to compliance with requirements, provide one of the following:

   a. Alcan Composites USA Inc.; Alucobond.
   b. Alcoa Inc.; Reynobond PE.
   c. ALPOLIC, Division of Mitsubishi Chemical America, Inc.; ALPOLIC.

B. Aluminum-Faced Composite Wall Panels: Formed with 0.020-inch thick, coil-coated aluminum sheet facings.

1. Panel Thickness: 0.157 inch (4 mm).
2. Core: Standard.
3. Exterior Finish: 2-coat fluoropolymer.

   a. Color: Match Architect's samples.

C. Attachment System Components: Formed from extruded aluminum.

2.4 ACCESSORIES

A. Wall Panel Accessories: Provide components required for a complete metal-faced composite wall panel assembly including trim, copings, fasciae, mullions, sills, corner units, clips, flashings, sealants, gaskets, fillers, closure strips, and similar items. Match material and finish of metal-faced composite wall panels unless otherwise indicated.

B. Flashing and Trim: Formed from 0.018-inch- (0.46-mm-) minimum thickness, zinc-coated (galvanized) steel sheet or aluminum-zinc alloy-coated steel sheet prepainted with coil coating. Provide flashing and trim as required to seal against weather and to provide finished

appearance. Locations include, but are not limited to, bases, drips, sills, jambs, corners, endwalls, framed openings, rakes, fasciae, parapet caps, soffits, reveals, and fillers. Finish flashing and trim with same finish system as adjacent metal-faced composite wall panels.

2.5 FABRICATION

A. General: Fabricate and finish metal-faced composite wall panels and accessories at the factory to greatest extent possible, by manufacturer's standard procedures and processes, as necessary to fulfill indicated performance requirements demonstrated by laboratory testing. Comply with indicated profiles and with dimensional and structural requirements.

B. Fabricate metal-faced composite wall panels in a manner that eliminates condensation on interior side of panel and with joints between panels designed to form weathertight seals.

C. Metal-Faced Composite Wall Panels: Factory form panels in a continuous process with no glues or adhesives between dissimilar materials. Trim and square edges of sheets with no displacement of face sheets or protrusion of core material.

1. Form panel lines, breaks, and angles to be sharp and true, with surfaces free from warp and buckle.
2. Fabricate panels with sharply cut edges, with no displacement of face sheets or protrusion of core material.
3. Fabricate panels with panel stiffeners, as required to comply with deflection limits, attached to back of panels with structural silicone sealant or bond tape.
4. Dimensional Tolerances:
   a. Panel Bow: 0.8 percent maximum of panel length or width.
   b. Squareness: 0.25 inch (5 mm) maximum.

2.6 GENERAL FINISH REQUIREMENTS

A. Comply with NAAMM's "Metal Finishes Manual for Architectural and Metal Products" for recommendations for applying and designating finishes.

B. Protect mechanical and painted finishes on exposed surfaces from damage by applying a strippable, temporary protective covering before shipping.

C. Appearance of Finished Work: Noticeable variations in same piece are not acceptable. Variations in appearance of abutting or adjacent pieces are acceptable if they are within one-half of the range of approved Samples. Variations in appearance of other components are acceptable if they are within the range of approved Samples and are assembled or installed to minimize contrast.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine substrates, areas, and conditions, with Installer present, for compliance with requirements for installation tolerances, metal-faced composite wall panel supports, and other conditions affecting performance of the Work.

1. Examine wall framing to verify that girts, angles, channels, studs, and other structural panel support members and anchorage have been installed within alignment tolerances required by metal-faced composite wall panel manufacturer.
2. Examine wall sheathing to verify that sheathing joints are supported by framing or blocking and that installation is within flatness tolerances required by metal-faced composite wall panel manufacturer.

B. Examine roughing-in for components and systems penetrating metal-faced composite wall panels to verify actual locations of penetrations relative to seam locations of panels before panel installation.

C. For the record, prepare written report, endorsed by Installer, listing conditions detrimental to performance of the Work.

D. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 PREPARATION

A. Miscellaneous Framing: Install subgirts, base angles, sills, furring, and other miscellaneous wall panel support members and anchorage according to ASTM C 754 and metal-faced composite wall panel manufacturer's written instructions.

3.3 METAL-FACED COMPOSITE WALL PANEL INSTALLATION

A. General: Install metal-faced composite wall panels according to manufacturer's written instructions in orientation, sizes, and locations indicated on Drawings. Install panels perpendicular to girts and subgirts unless otherwise indicated. Anchor panels and other components of the Work securely in place, with provisions for thermal and structural movement.

1. Shim or otherwise plumb substrates receiving metal-faced composite wall panels.
2. Flash and seal metal-faced composite wall panels at perimeter of all openings. Do not begin installation until weather barrier and flashings that will be concealed by panels are installed.
3. Apply elastomeric sealant continuously between metal base channel (sill angle) and concrete, and elsewhere as indicated or, if not indicated, as necessary for waterproofing.
4. Provide weathertight escutcheons for pipe and conduit penetrating exterior walls.

B. Fasteners:

1. Aluminum Wall Panels: Use aluminum or stainless-steel fasteners for surfaces exposed to the exterior and aluminum or galvanized-steel fasteners for surfaces exposed to the interior.

C. Metal Protection: Where dissimilar metals will contact each other or corrosive substrates, protect against galvanic action as recommended by metal-faced composite wall panel manufacturer.

D. Joint Sealers: Install gaskets, joint fillers, and sealants where indicated and where required for weathertight performance of metal-faced composite wall panel assemblies. Provide types of gaskets, fillers, and sealants indicated or, if not indicated, types recommended by panel manufacturer.

1. Prepare joints and apply sealants to comply with requirements in Division 07 Section "Joint Sealants."

E. Attachment System Installation, General: Install attachment system required to support metal-faced composite wall panels and to provide a complete weathertight wall system, including subgirts, perimeter extrusions, tracks, drainage channels, panel clips, and anchor channels.

1. Include attachment to supports, panel-to-panel joinery, panel-to-dissimilar-material joinery, and panel-system joint seals.
2. Do not begin installation until weather barrier and flashings that will be concealed by composite panels are installed.

F. Track-Support Installation: Provide manufacturer's standard horizontal and vertical tracks that provide support and complete secondary drainage system, draining to the exterior at horizontal joints. Install support system at locations, spacings, and with fasteners recommended by manufacturer. Attach panels to wall by interlocking tracks with perimeter extrusions attached to wall panels. Fully engage integral gaskets and leave horizontal and vertical joints with open reveal.

1. Attach routed-and-returned flanges of wall panels to perimeter extrusions with manufacturer's standard fasteners.
2. Install wall panels to allow individual panels to "free float" and be installed and removed without disturbing adjacent panels.
3. System: Rout and Return Wet. System must provide a wet seal (caulked) reveal joint as Drawings. System shall have integral weep holes and drainage.

3.4 ACCESSORY INSTALLATION

A. General: Install accessories with positive anchorage to building and weathertight mounting and provide for thermal expansion. Coordinate installation with flashings and other components.

1. Install components required for a complete metal-faced composite wall panel assembly including trim, copings, corners, seam covers, flashings, sealants, gaskets, fillers, closure strips, and similar items.

B. Flashing and Trim: Comply with performance requirements, manufacturer's written installation instructions, and SMACNA's "Architectural Sheet Metal Manual." Provide concealed fasteners

where possible, and set units true to line and level as indicated. Install work with laps, joints, and seams that will be permanently watertight and weather resistant.

1. Install exposed flashing and trim that is without excessive oil canning, buckling, and tool marks and that is true to line and levels indicated, with exposed edges folded back to form hems. Install sheet metal flashing and trim to fit substrates and to result in waterproof and weather-resistant performance.
2. Expansion Provisions: Provide for thermal expansion of exposed flashing and trim. Space movement joints at a maximum of 10 feet (3 m) with no joints allowed within 24 inches (610 mm) of corner or intersection. Where lapped expansion provisions cannot be used or would not be sufficiently weather resistant and waterproof, form expansion joints of intermeshing hooked flanges, not less than 1 inch (25 mm) deep, filled with mastic sealant (concealed within joints).

3.5 ERECTION TOLERANCES

A. Installation Tolerances: Shim and align metal-faced composite wall panel units within installed tolerance of 1/4 inch in 20 feet (6 mm in 6 m), nonaccumulative, on level, plumb, and location lines as indicated and within 1/8-inch (3-mm) offset of adjoining faces and of alignment of matching profiles.

3.6 CLEANING

A. Remove temporary protective coverings and strippable films, if any, as metal-faced composite wall panels are installed unless otherwise indicated in manufacturer's written installation instructions. On completion of metal-faced composite wall panel installation, clean finished surfaces as recommended by panel manufacturer. Maintain in a clean condition during construction.

B. After metal-faced composite wall panel installation, clear weep holes and drainage channels of obstructions, dirt, and sealant.

C. Replace metal-faced composite wall panels that have been damaged or have deteriorated beyond successful repair by finish touchup or similar minor repair procedures.

END OF SECTION 074243

General Building Permit Application

If you or the property owner owes real estate or personal property taxes or user charges on any property within the City, payment arrangements must be made before permits of any kind are accepted.

Location/Address of Construction: ONE MONUMENT SQUARE		
Total Square Footage of Proposed Structure/Area	Square Footage of Lot	Number of Stories 10
Tax Assessor's Chart, Block & Lot Chart# Block# Lot# 32 K 12	Applicant *must be owner, Lessee or Buyer* Name APEW Address 865 SPRING ST City, State & Zip ~~PORTLAND~~ WESTBROOK ME 04092	Telephone: 207 879 7800
Lessee/DBA (If Applicable)	Owner (if different from Applicant) Name FINARD PROPERTIES Address ONE MONUMENT SQ City, State & Zip PORTLAND, ME 04103	Cost Of Work: $_____ C of O Fee: $_____ Total Fee: $ _____

Current legal use (i.e. single family) Commercial Number of Residential Units_____
If vacant, what was the previous use? _____
Proposed Specific use: _____
Is property part of a subdivision? _____ If yes, please name _____
Project description: New Refacing entire Building.

Contractor's name: APEW
Address: 865 SPRING ST
City, State & Zip WESTBROOK, ME 04092 Telephone: 2078797800
Who should we contact when the permit is ready: _____ Telephone: _____
Mailing address: _____

Please submit all of the information outlined on the applicable Checklist. Failure to do so will result in the automatic denial of your permit.

In order to be sure the City fully understands the full scope of the project, the Planning and Development Department may request additional information prior to the issuance of a permit. For further information or to download copies of this form and other applications visit the Inspections Division on-line at www.portlandmaine.gov, or stop by the Inspections Division office, room 315 City Hall or call 874-8703.

I hereby certify that I am the Owner of record of the named property, or that the owner of record authorizes the proposed work and that I have been authorized by the owner to make this application as his/her authorized agent. I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in this application is issued, I certify that the Code Official's authorized representative shall have the authority to enter all areas covered by this permit at any reasonable hour to enforce the provisions of the codes applicable to this permit.

MAY 12 2009

Signature: [signature] Date: 5/11/09

This is not a permit; you may not commence ANY work until the permit is issue

Revised 9-26-08

Finard Properties - One Monument Square
One Monument Square
Portland, Maine
United States of America
04101

ARCHITECT:

WESSLING ARCHITECTS INC
1250 HANCOCK STREET - SUITE 815N
QUINCY, MARYLAND
UNITED STATES OF AMERICA
02169
CONTACT: N/A
P: 617.773.8150
F: 617.773.4907
E-Mail: N/A

CLIENT:

ADAM ARCHITECURAL DOORS & WINDOWS
P.O BOX 7910
WESTBROOK MAINE
UNITED STATES OF AMERICA
04098-0910
CONTACT: DENNIS AMELL
P: 2071879.7800
F: 2071774.3980
E-Mail: damell@a-d-ubiz

PANEL SYSTEM SUPPLIER:

SOBOTEC LTD
67 BURFORD ROAD
HAMILTON, ONTARIO
CANADA
L8E 3G6
PROJECT MANAGER: Andrew Saillie
E-Mail: asaillie@sobotec.com
DESIGN MANAGER: Chris Lockhart
E-Mail: clockhart@sobotec.com
P: 905.518.1218
F: 905.518.1808

GENERAL NOTES:

1 PANEL SYSTEM: SL1000 (2"/50mm)
2 PANEL/REVEAL MATERIAL: 4mm ALUCOBOND COMPOSITE
3 PANEL FINISH: COPPER METALLIC - B3000 DXLE
4 SEALANT COLOUR: TO BE SELECTED (NBS)
5 JOINT WIDTH: PANEL TO PANEL TO BE 1/2" (13mm) U.N.O.
6 SCOPE OF WORK: SUPPLY ONLY SL1000 PANEL SYSTEM COMPLETE WITH FIELD INSTALLED EXTRUSIONS AND CLIPS NECESSARY FOR COMPLETE INSTALLATION. SEE DETAIL SHEETS FOR ITEMS SPECIFICALLY COVERED BY CONTRACT. CRATING/SHIPPING BY SOBOTEC LTD.
7 EXCLUSIONS: SEE QUOTATION
8 (MS) INDICATES PANEL MARK

DRAWING NOTES:

1 SOBOTEC LTD. HAS PREPARED THESE SHOP DRAWINGS FOR THE PURPOSE OF ASSESSING CONFORMANCE TO THE CONTRACT DOCUMENTS AND FOR CONSTRUCTION COORDINATION
2 WITHIN THESE SHOP DRAWINGS, THE INITIALS SL OR SL REFER TO SOBOTEC LTD
3 SOBOTEC LTD. CANNOT PROCEED WITH ORDERING OF MATERIAL AND MANUFACTURING PRODUCT UNTIL WE RECEIVE A COPY OF THESE DOCUMENTS (SHOP DRAWINGS) THAT HAVE BEEN SIGNED BY: THE PRIME CONSULTANT, THE GENERAL CONTRACTOR, AND THE DEALER OR INSTALLER
FURTHER, ONE OF THE ABOVE SIGNATURES MUST APPEAR ADJACENT TO DIMENSIONS AND/OR SPECIFIC DETAILS THAT HAVE BEEN FLAGGED AS REQUIRING CONFIRMATION
4 SOBOTEC LTD. WILL ASSUME NO RESPONSIBILITY FOR ERRORS RESULTING FROM THE USE OF THESE DRAWINGS BY OTHER TRADES
5 THESE CONTRACT DOCUMENTS REPRESENT SOBOTEC LTD.'s INTERPRETATION OF THE APPLICATION OF SOBOTEC LTD. PANEL SYSTEMS TO THIS PROJECT IN COMPLIANCE WITH ARCHITECTURAL DRAWINGS AND SPECIFICATIONS. IT IS IMPORTANT THAT THIS INTERPRETATION BE REVIEWED FOR CONFORMANCE DIMENSIONALLY AND FOR PROPER COORDINATION
6 A DIELECTRIC SEPARATOR IS REQUIRED WHEN ALUMINUM SYSTEM COMPONENTS COME INTO CONTACT WITH STEEL OR OTHER DISSIMILAR METALS

ABBREVIATIONS:

RO = ROUGH OPENING
OSM = OUTSIDE MEASUREMENT
WP = WORK POINT
FV = FIELD VERIFY
FO = FRAMED OPENING
DR = DOOR
LVR = LOUVER
AR = ARCHITECTURAL REFERENCE
GL = GLAZING
NBS = NOT BY SOBOTEC
PH = PANEL HEIGHT
PW = PANEL WIDTH
REF = REFERENCE
RD = REFERENCE DIMENSION

INDICATES ITEMS THAT REQUIRE REVIEW

FASTENERS BY INSTALLER:
TO STEEL FRAMING _____ NON CORROSIVE #12 SELF DRILLER AT 16" C/C
TO WOOD _____ NON CORROSIVE #12 TAPPING SCREW AT 16" C/C
TO CONCRETE/MASONRY _____ TAPCON OR SIMILAR AT 16" C/C (MIN. 1 1/2" EMBEDMENT)

FASTENERS SUPPLIED BY SOBOTEC:
SYSTEM CLIPS TO PANEL FRAME _____ #12 x 1" HWH TEK SELF DRILLER "CLIMASEAL"

FOR APPROVAL
DATE: April 24,2009

CONTRACT PANEL QUANTITY: 1087 PANELS

REV	DATE	REVISIONS
1	Apr 24/09	Issued for Approval

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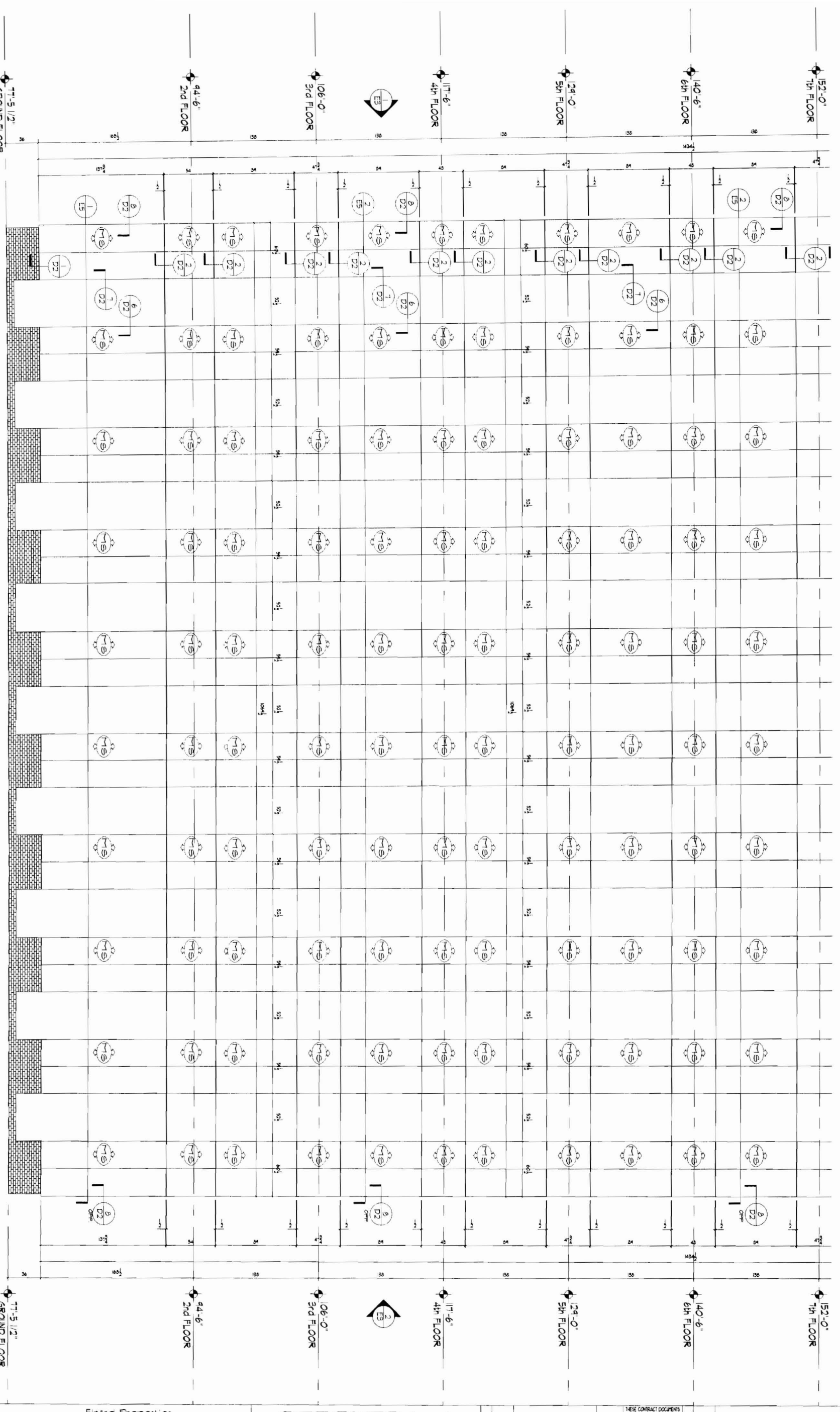
SOBOTEC Ltd.
67 BURFORD ROAD
HAMILTON, ONTARIO
CANADA
L8E 3G6
PHONE (905) 518-1218
FACSIMILE (905) 518-1446

PROJECT: Finard Properties, One Monument Square
CLIENT: ADAM Architectural Doors & Windows
TITLE: Titlesheet

SCALE	
DRAWN	Chris
APPROVED	
DATE	April 24/09
FILE	09-04-014.DWG
CONTRACT	09-04-014
SHEET	T1

09-04-014

DWG - DXF



1 / E1 CONGRESS STREET PARTIAL ELEVATION

SCALE 1/4" = 1'-0" REF: 2/A202

FOR APPROVAL

DATE: April 24,2009

THIS SHEET CONTAINS NO PANELS

SHEET	E1
CONTRACT	09-04-014
FILE	09-04-014.DWG
DATE	April 24/09
APPROVED	
DRAWN	Chris
SCALE	1/4" = 1'-0"
PROJECT	Finard Properties One Monument Square
CLIENT	AD&W Architectural Doors & Windows
TITLE	Elevation

SOBOTEC Ltd.
67 BURFORD ROAD
HAMILTON ONTARIO
CANADA
L8E 3C6
PHONE (905) 578-1278
FACSIMILE (905) 578-1446

#	REF.	ISSUED FOR	DATE
1	Chris	For Approval	April 24/09

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R*	REF.	REVISIONS	DATE

SOBOTEC Ltd.
67 BUFFORD ROAD
HAMILTON, ONTARIO
CANADA
L8E 3C6
PHONE: (905) 578-1178
FACSIMILE: (905) 578-1448

PROJECT	Finard Properties One Monument Square
CLIENT	AD4W Architectural Doors 4 Windows
TITLE	Elevation
SCALE	1/4" = 1'-0"
DRAWN	CH+S
APPROVED	
DATE	April 14/09
FILE	09-04-01 4 DWG
CONTRACT	09-04-01 4
SHEET	E2

#	REF.	ISSUED FOR	DATE
1	CH+S	For Approval	April 24/09

#	REF.	REVISIONS	DATE

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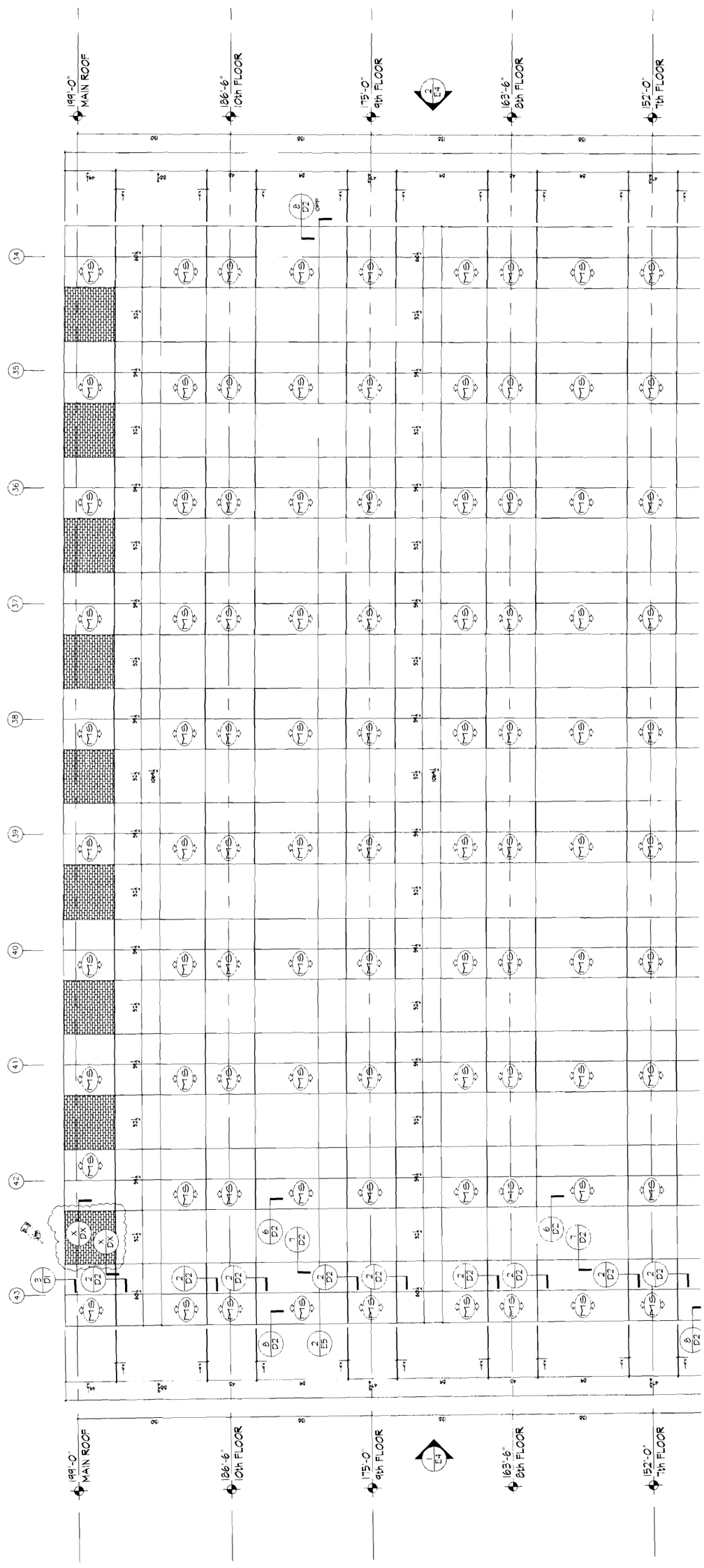
FOR APPROVAL
DATE: April 24,2009

THIS SHEET CONTAINS 90 PANELS



1 / E2 CONGRESS STREET PARTIAL ELEVATION
SCALE 1/4" = 1'-0" REF: 2/A202

SOBOTEC Ltd
67 BURFORD ROAD
HAMILTON ONTARIO
CANADA
L8E 3C6
PHONE (905) 578-1278
FACSIMILE (905) 578-1446

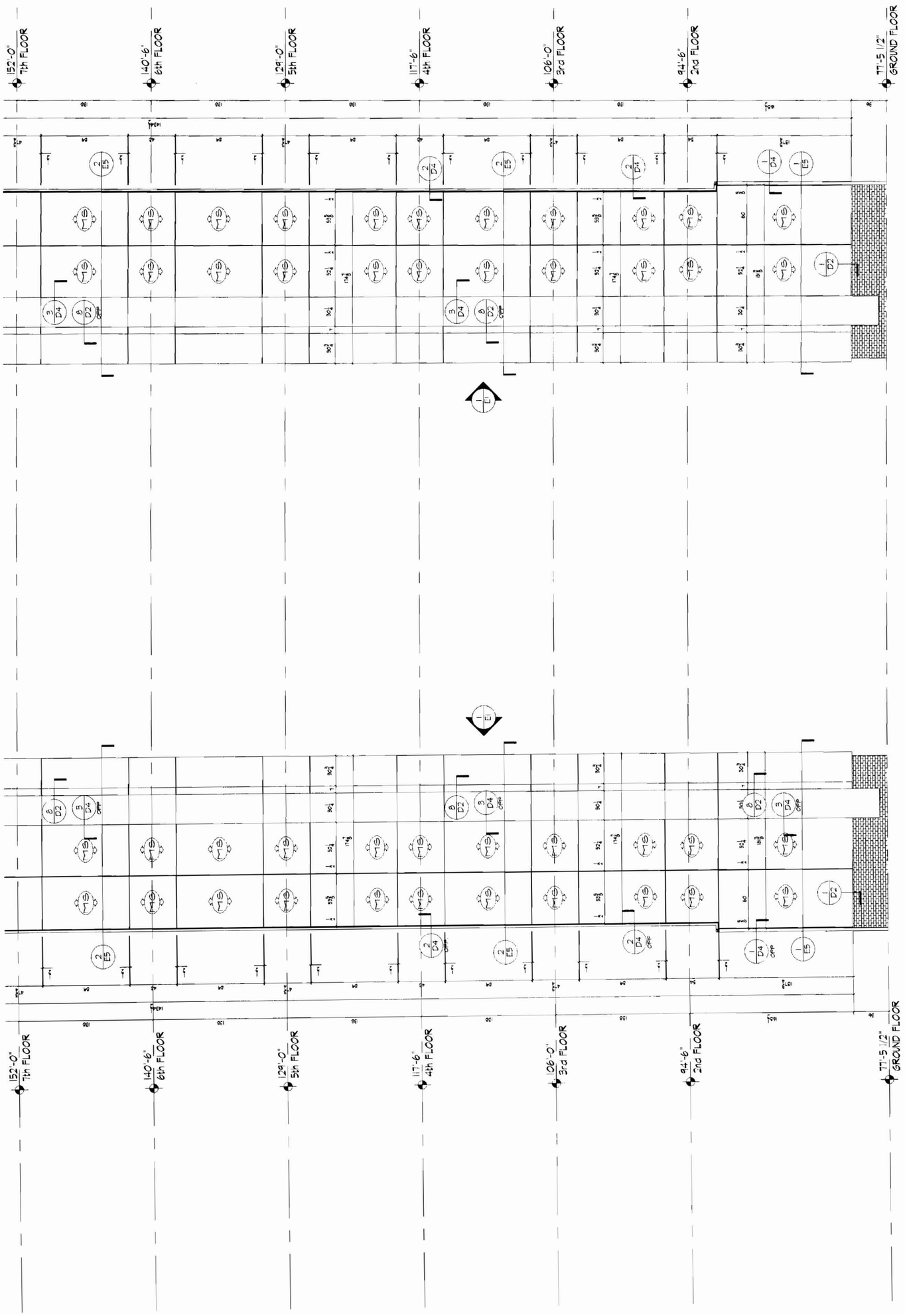
REF.	ISSUED FOR	DATE
1	For Approval	April 24/09

REF.	REVISIONS	DATE
	REISSUED FOR CONSTRUCTION	
	ADDENDUM #1	
	ADDENDUM #2	
	ADDENDUM #3	
	ADDENDUM #4	
	ADDENDUM #5	
	ADDENDUM #6	

PROJECT	Finaro Properties One Monument Square
CLIENT	AD4U Architectural Doors & Windows
TITLE	Elevation
SCALE	1/4" = 1'-0"
DRAWN	Chris
APPROVED	
DATE	April 24/09
FILE	08-24-014.DWG
CONTRACT	08-24-014
SHEET	E3

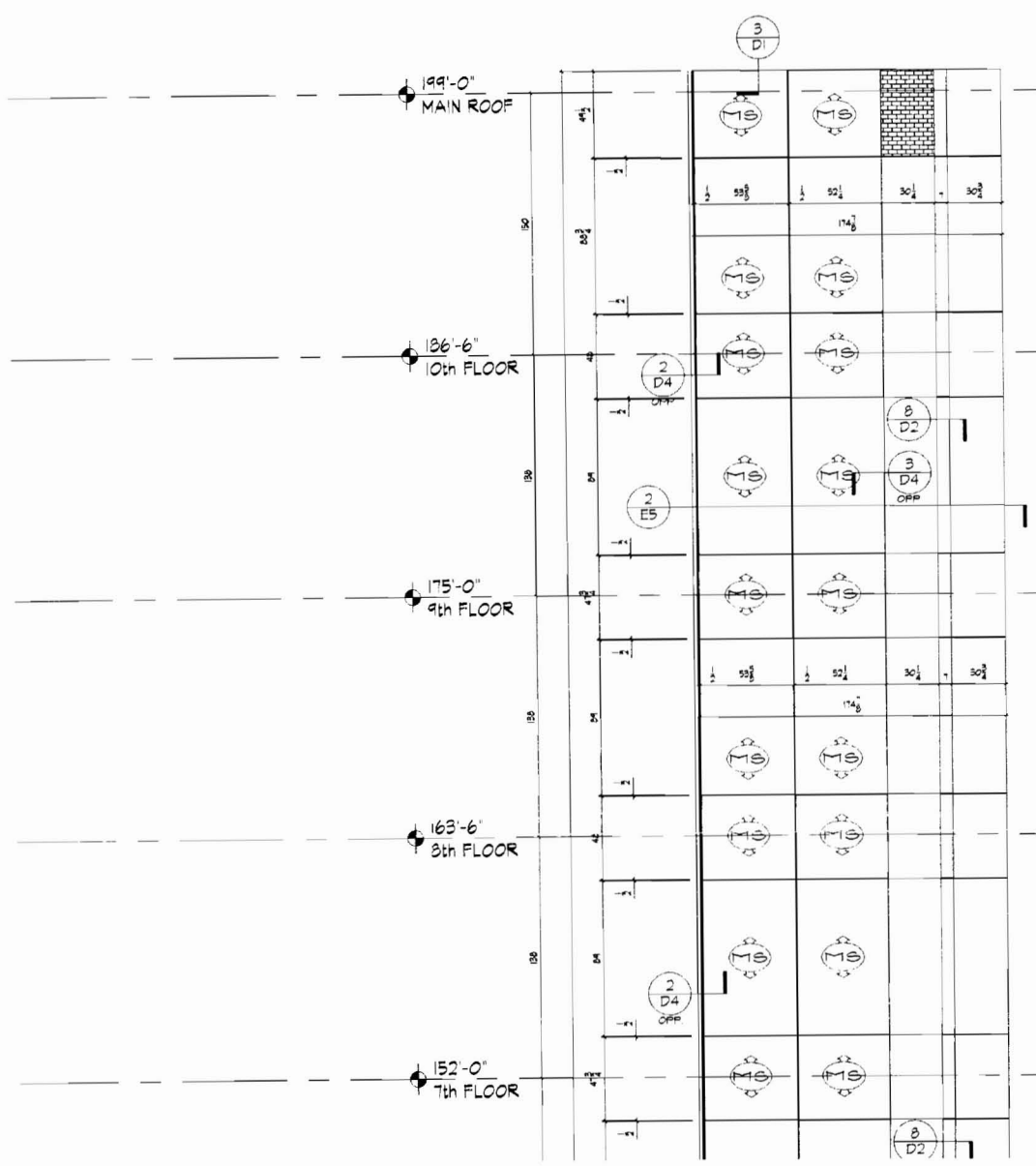
THIS SHEET CONTAINS 44 PANELS

FOR APPROVAL
DATE: APR 24, 2009



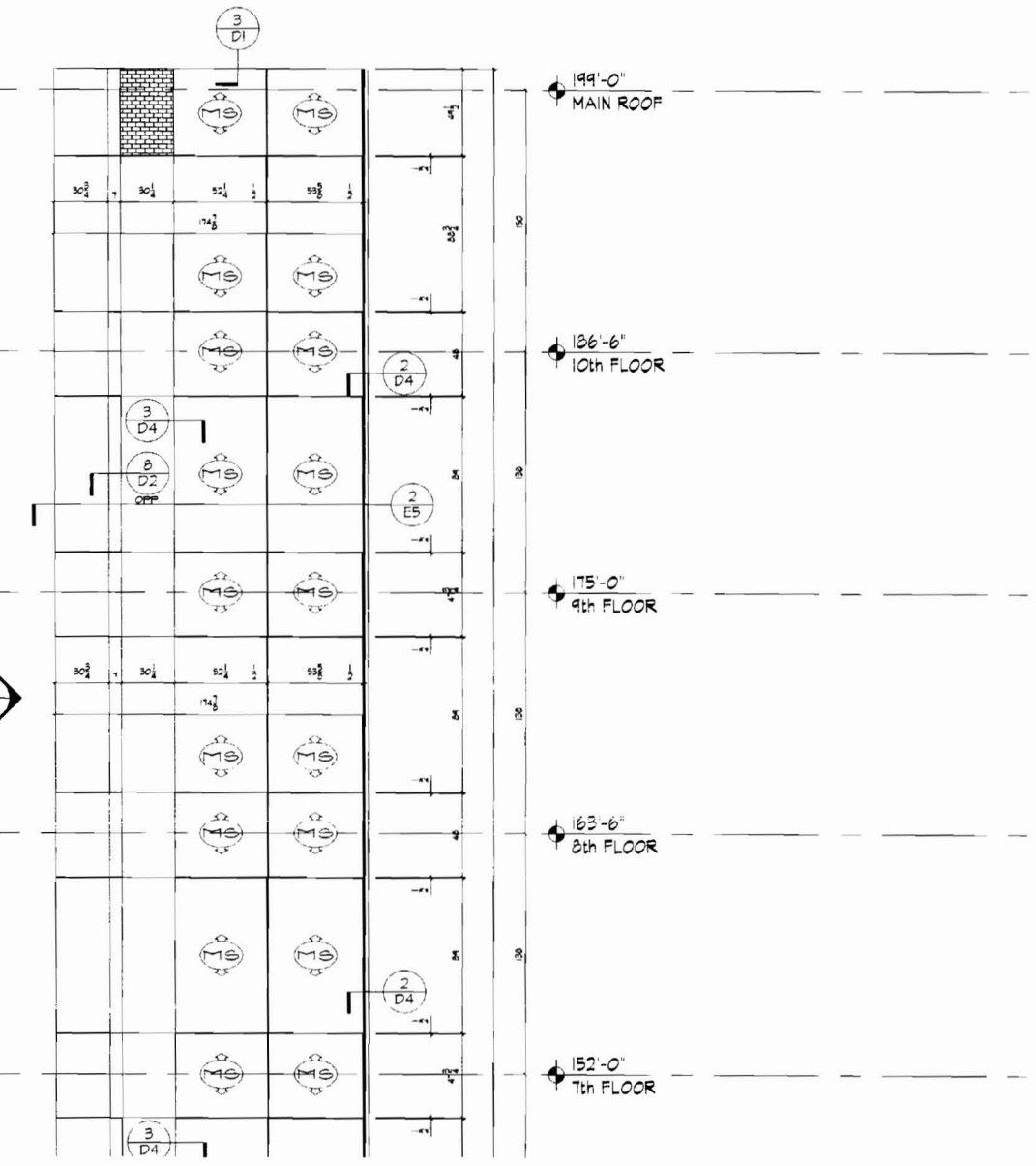
2 / E3 CONGRESS STREET PARTIAL ELEVATION
SCALE: 1/4" = 1'-0" REF: 2/A202

1 / E3 CONGRESS STREET PARTIAL ELEVATION
SCALE: 1/4" = 1'-0" REF: 2/A202



1 / E4 CONGRESS STREET PARTIAL ELEVATION

SCALE: 1/4" = 1'-0" REF: 2/A202



2 / E4 CONGRESS STREET PARTIAL ELEVATION

SCALE: 1/4" = 1'-0" REF: 2/A202

FOR APPROVAL
DATE: April 24, 2009

THIS SHEET CONTAINS 36 PANELS

SOBOTEC Ltd.
67 BURFORD ROAD
HAMILTON ONTARIO
CANADA
L8E 3G6
PHONE: 905-578-1078
FACSIMILE: 905-578-1446

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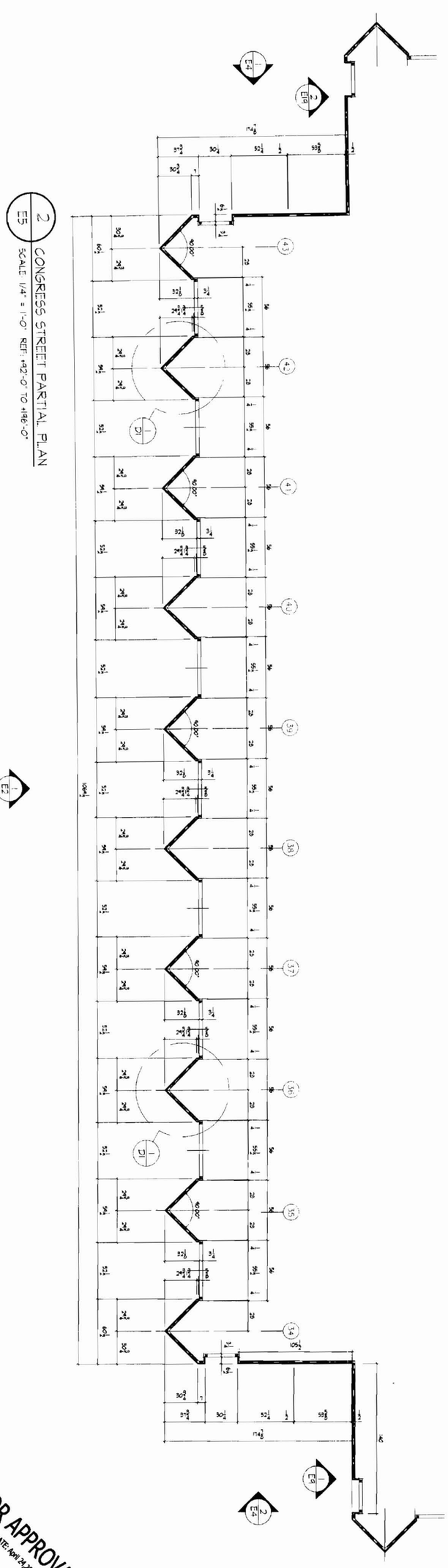
REF.	REVISIONS	DATE
*	REF.	ISSUED FOR

PROJECT	CLIENT	TITLE
Finard Properties One Monument Square	ADW Architectural Doors & Windows	Elevation

SCALE	1/4" = 1'-0"
DRAWN	Chris
APPROVED	
DATE	April 24/09
FILE	08-04-014.DWG
CONTRACT	08-04-014
SHEET	E4



1/E5 CONGRESS STREET PARTIAL PLAN

SCALE: 1/4" = 1'-0" REF: +80'-5 1/2" TO +92'-0"

2/E5 CONGRESS STREET PARTIAL PLAN

SCALE: 1/4" = 1'-0" REF: +92'-0" TO +116'-0"

FOR APPROVAL

DATE: April 24,2009

SHEET	E5
CONTRACT	03-04-01-01 DWG
FILE	03-04-01-01 DWG
DATE	April 24/09
APPROVED	
DRAWN	CH's
SCALE:	1/4" = 1'-0"
PROJECT	Finard Properties One Monument Square
CLIENT:	AD4W Architectural Doors & Windows
TITLE	Elevation Key Plan

SOBOTEC Ltd.

67 BURFORD ROAD
HAMILTON, ONTARIO
CANADA
L8E 3C6
PHONE (905) 578-1278
FACSIMILE (905) 578-1446

#	REF.	ISSUED FOR	DATE
1	CH's	For Approval	April 24/09

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#	REF.	REVISIONS	DATE

152'-0" 7th FLOOR
140'-6" 6th FLOOR
129'-0" 5th FLOOR
117'-6" 4th FLOOR
106'-0" 3rd FLOOR
94'-6" 2nd FLOOR
77'-5 1/2" GROUND FLOOR

1/E6 MONUMENT SQUARE PARTIAL ELEVATION
SCALE: 1/4" = 1'-0" REF: 2/A202

FOR APPROVAL
DATE: April 24,2009

THIS SHEET CONTAINS 94 PANELS

SOBOTEC Ltd.
61 BUFORD ROAD
HAMILTON ONTARIO
CANADA
L8E 2C6
PHONE 1 (905) 518-1178
FACSIMILE 1 (905) 518-1446

REF	ISSUED FOR	DATE
1	For Approval	Apr 24/09
*	REF	

REVISIONS | REF. | DATE

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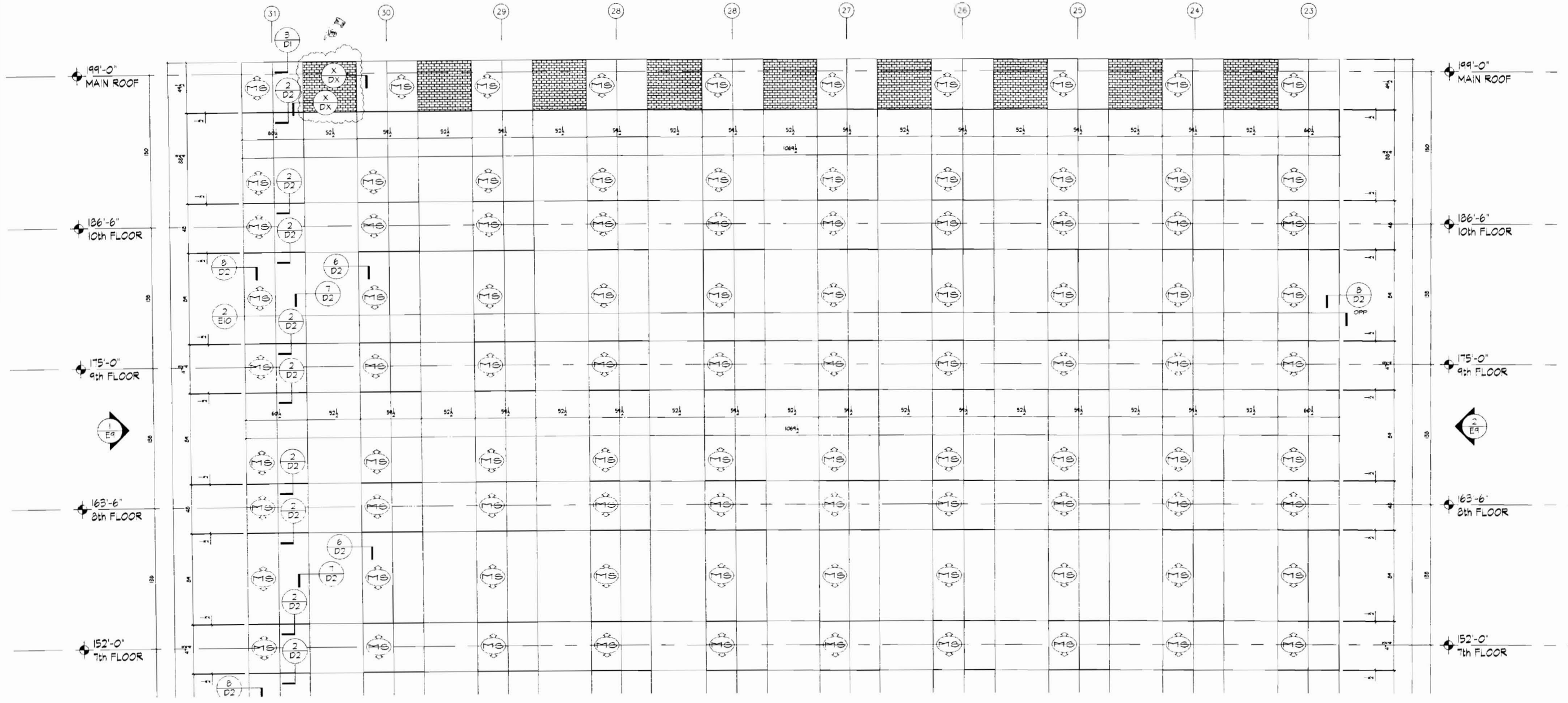
PROJECT: Firard Properties, One Monument Square
CLIENT: ADW Architectural Doors & Windows
TITLE: Elevation

SCALE	1/4" = 1'-0"
DRAWN	Chris
APPROVED	
DATE	April 24/09
FILE	09-04-014.DWG
CONTRACT	09-04-014
SHEET	E6



1 / E7 MONUMENT SQUARE PARTIAL ELEVATION

SCALE 1/4" = 1'-0" REF: 2/A202

FOR APPROVAL
DATE: April 24,2009

THIS SHEET CONTAINS 90 PANELS

NO.	BY	For Approval	DATE
1	Chris		
•	REF	ISSUED FOR	DATE

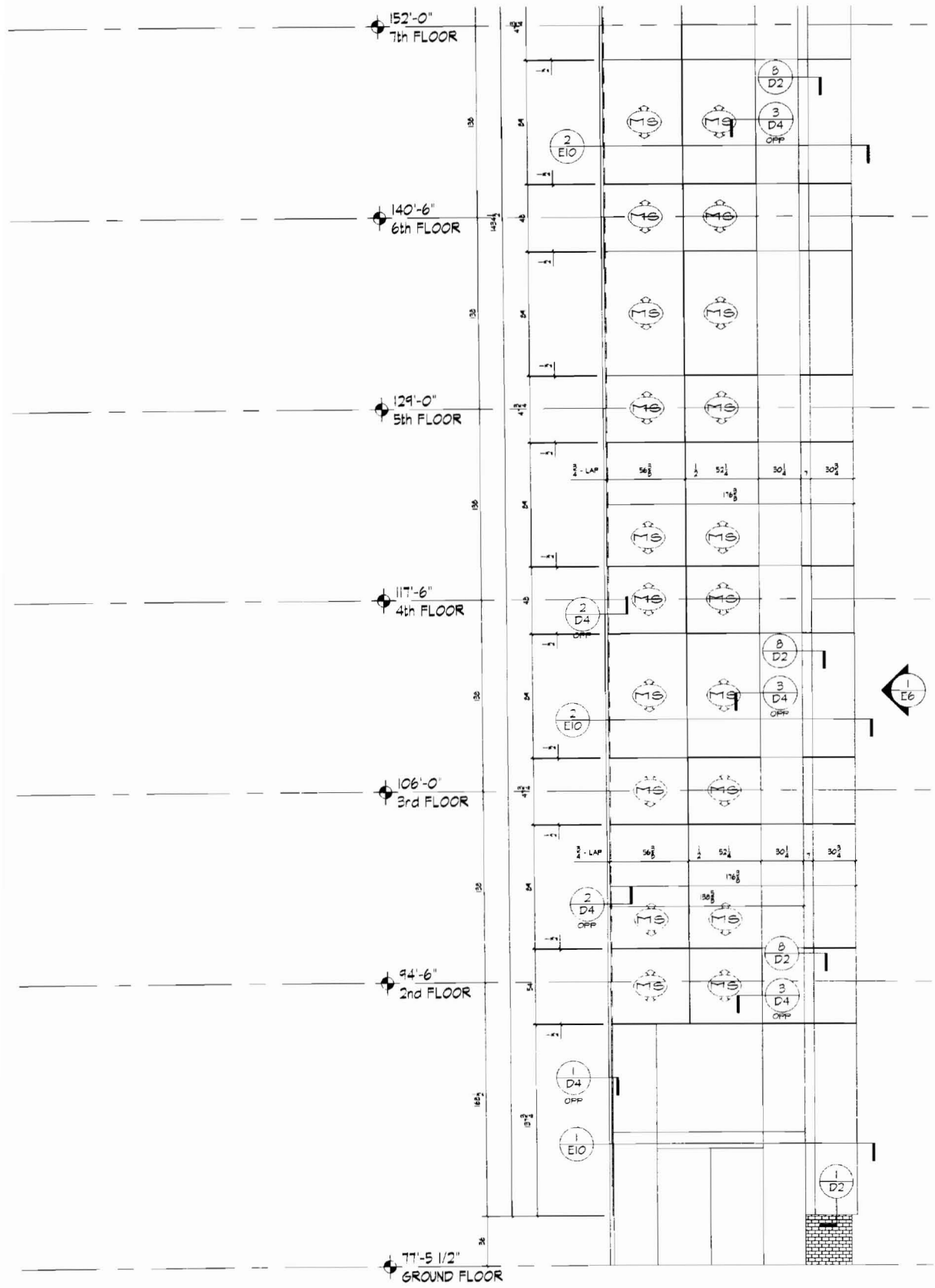
NO.	REVISIONS	DATE
#1	REF.	

SEE CONTRACT DOCUMENTS
NOTES ARE NOT TO SCALE
PROPERTY OF SOBOTEC LTD
AND CANNOT BE REPRODUCED
INFORMATION MAY NOT BE
USED OR BY AUTHORIZED
PERSONS WITHOUT THE
PERMISSION OF SOBOTEC LTD
PROMOTED AND WILL RESULT
IN LEGAL ACTION

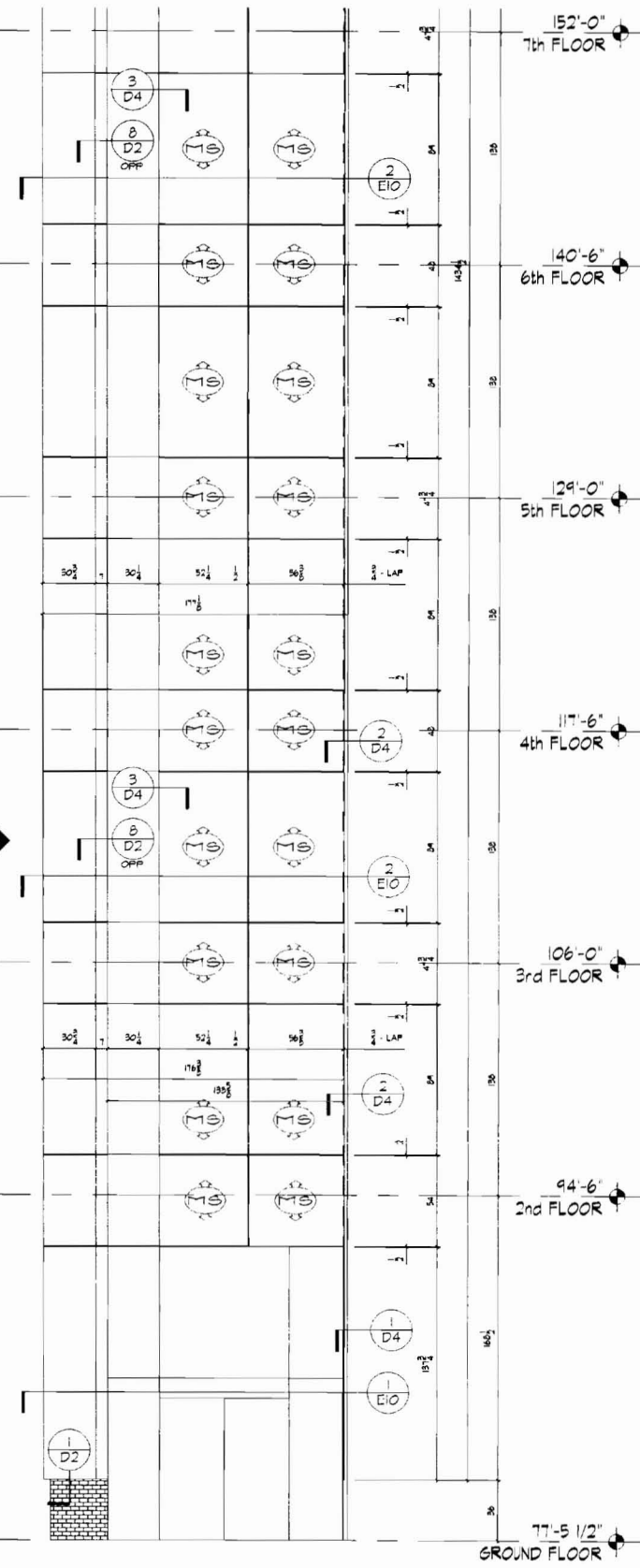
SOBOTEC Ltd.
67 BURFORD ROAD
HAMILTON, ONTARIO
CANADA
L8E 3G6
PHONE 1 905 578 0118
FACSIMILE 1 905 578 1446

PROJECT: Finard Properties
One Monument Square
CLIENT: ADW Architectural Doors & Windows
TITLE: Elevation

SCALE	1/4" = 1'-0"
DRAWN	Chris
APPROVED	
DATE	April 24/09
FILE	09-04-014 DWG
CONTRACT	09-04-014
SHEET	E7



1 / E8 MONUMENT SQUARE PARTIAL ELEVATION
SCALE: 1/4" = 1'-0" REF: 2/A202



2 / E8 MONUMENT SQUARE PARTIAL ELEVATION
SCALE: 1/4" = 1'-0" REF: 2/A202

FOR APPROVAL
DATE: April 24, 2009

THIS SHEET CONTAINS 40 PANELS

SOBOTEC Ltd.
61 BURFORD ROAD
HAMILTON ONTARIO
CANADA
L8E 3G6
PHONE : 905 578 1278
FACSIMILE : 905 578 1446

NO.	BY	REVISIONS	DATE
1	CH	REF	

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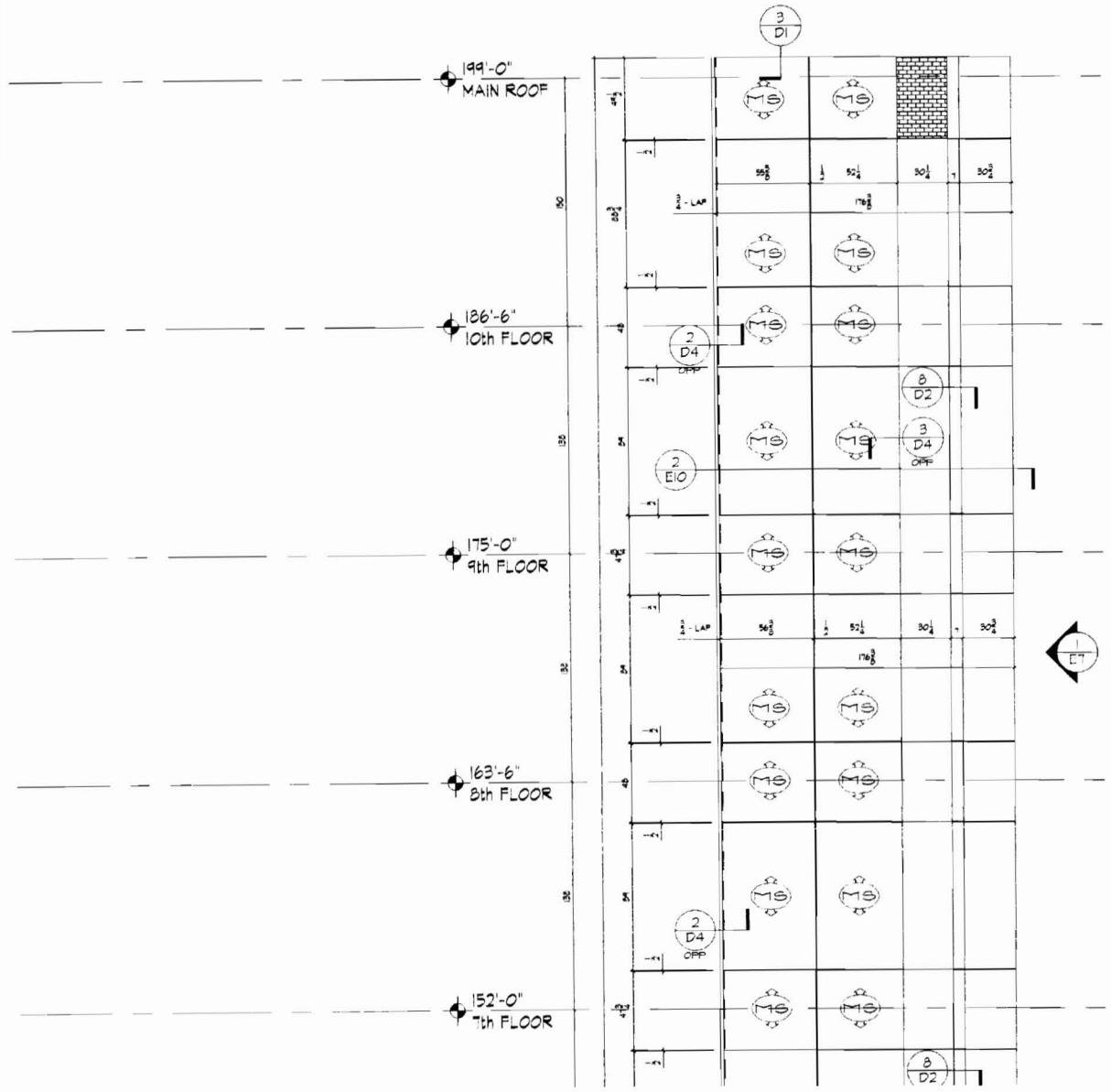
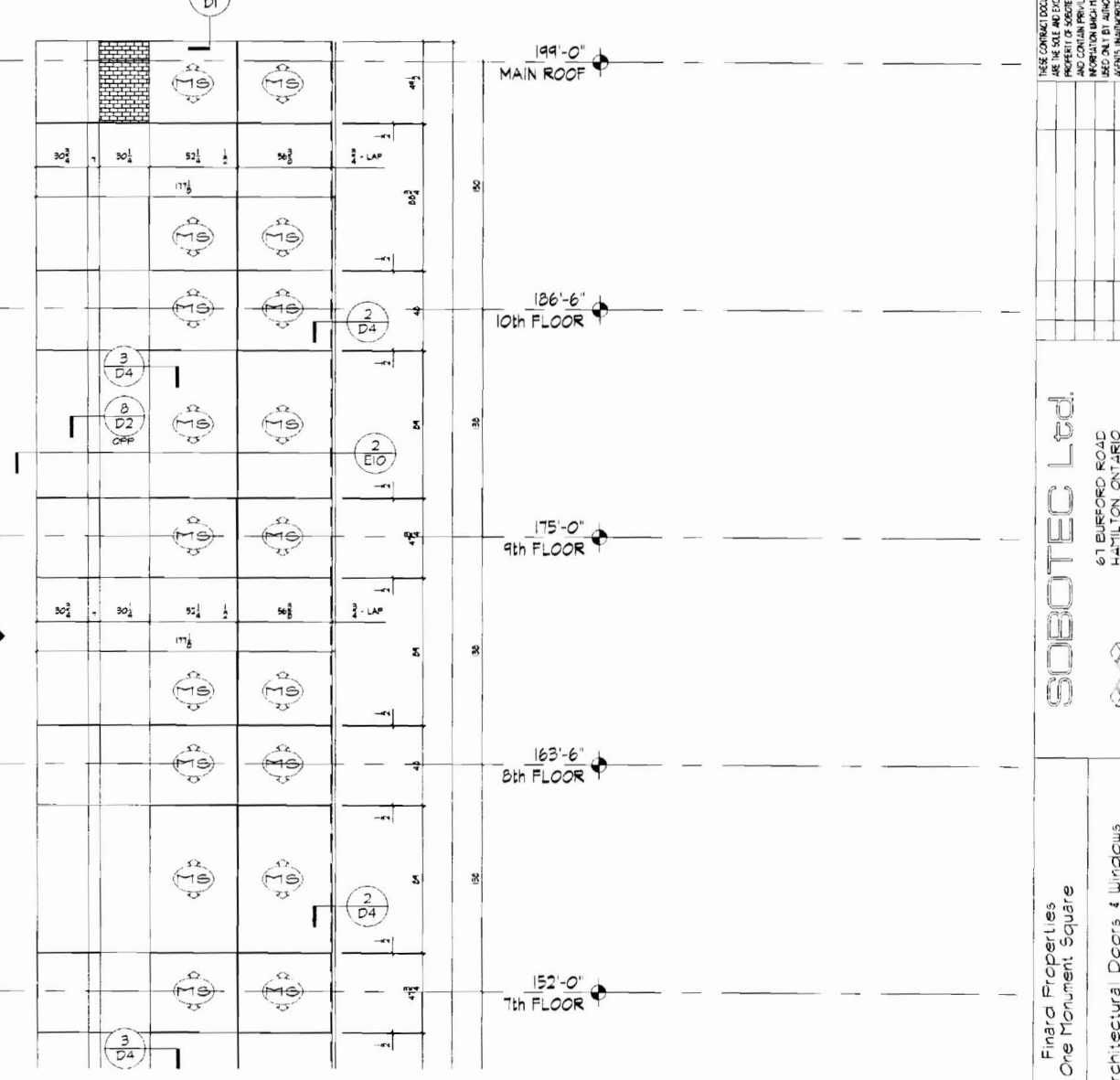
ISSUED FOR | DATE

PROJECT: Finard Properties, One Monument Square
CLIENT: ADdW Architectural Doors & Windows
TITLE: Elevation

SCALE	1/4" = 1'-0"
DRAWN	Chris
APPROVED	
DATE	April 24/09
FILE	09-04-014.DWG
CONTRACT	09-04-014
SHEET	E8



1/E9 MONUMENT SQUARE PARTIAL ELEVATION
SCALE: 1/4" = 1'-0" REF: 2/A202



2/E9 MONUMENT SQUARE PARTIAL ELEVATION
SCALE: 1/4" = 1'-0" REF: 2/A202

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1	Chris	for Approval	April 14/09
•	REF.	ISSUED FOR	DATE

REVISIONS

REF	DATE

SOBOTEC Ltd.
61 BURFORD ROAD
HAMILTON ONTARIO
CANADA
L8E 3C6
PHONE (905) 578-1078
FACSIMILE (905) 578-1446

PROJECT: Finara Properties
One Monument Square

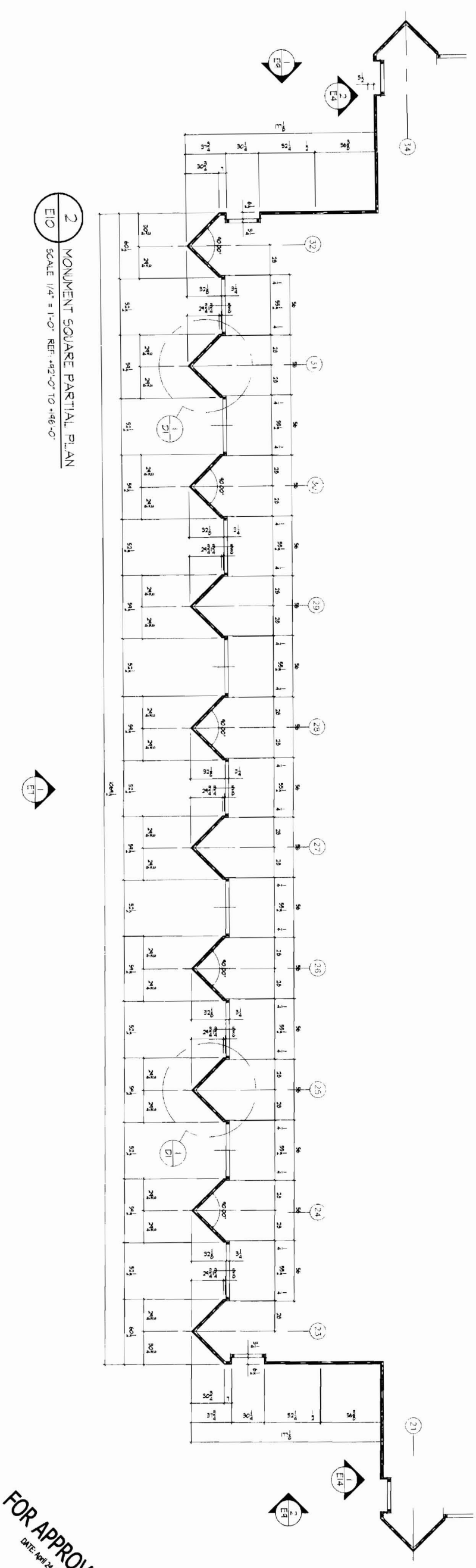
CLIENT: AD&W Architectural Doors & Windows

TITLE: Elevation

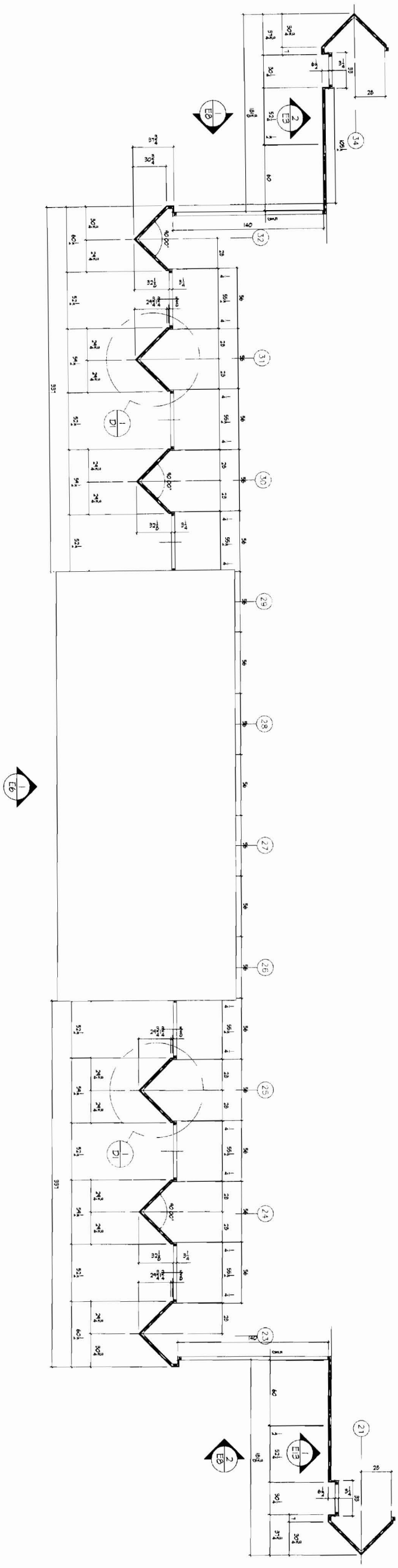
SCALE	1/4" = 1'-0"
DRAWN	Chris
APPROVED	
DATE	April 24/09
FILE	09-04-014.DWG
CONTRACT	09-04-014
SHEET	E9

FOR APPROVAL
DATE: April 24, 2009

THIS SHEET CONTAINS 36 PANELS



2 / E10
MONUMENT SQUARE PARTIAL PLAN
SCALE 1/4" = 1'-0" REF: +92'-0" TO +196'-0"



1 / E10
MONUMENT SQUARE PARTIAL PLAN
SCALE 1/4" = 1'-0" REF: +30'-5 1/2" TO +92'-0"

FOR APPROVAL
DATE: April 24,2009

SHEET	E10
DATE	April 24/09
FILE	09-04-014.DWG
CONTRACT	09-04-014
APPROVED	
DRAWN	Chris
SCALE	1/4" = 1'-0"
PROJECT	Finard Properties One Monument Square
CLIENT	AD&W Architectural Doors & Windows
TITLE	Elevation Key Plan

SOBOTEC Ltd.
67 BURFORD ROAD
HAMILTON, ONTARIO
CANADA
L8E 3C6
PHONE (905) 578-1278
FACSIMILE (905) 578-1446

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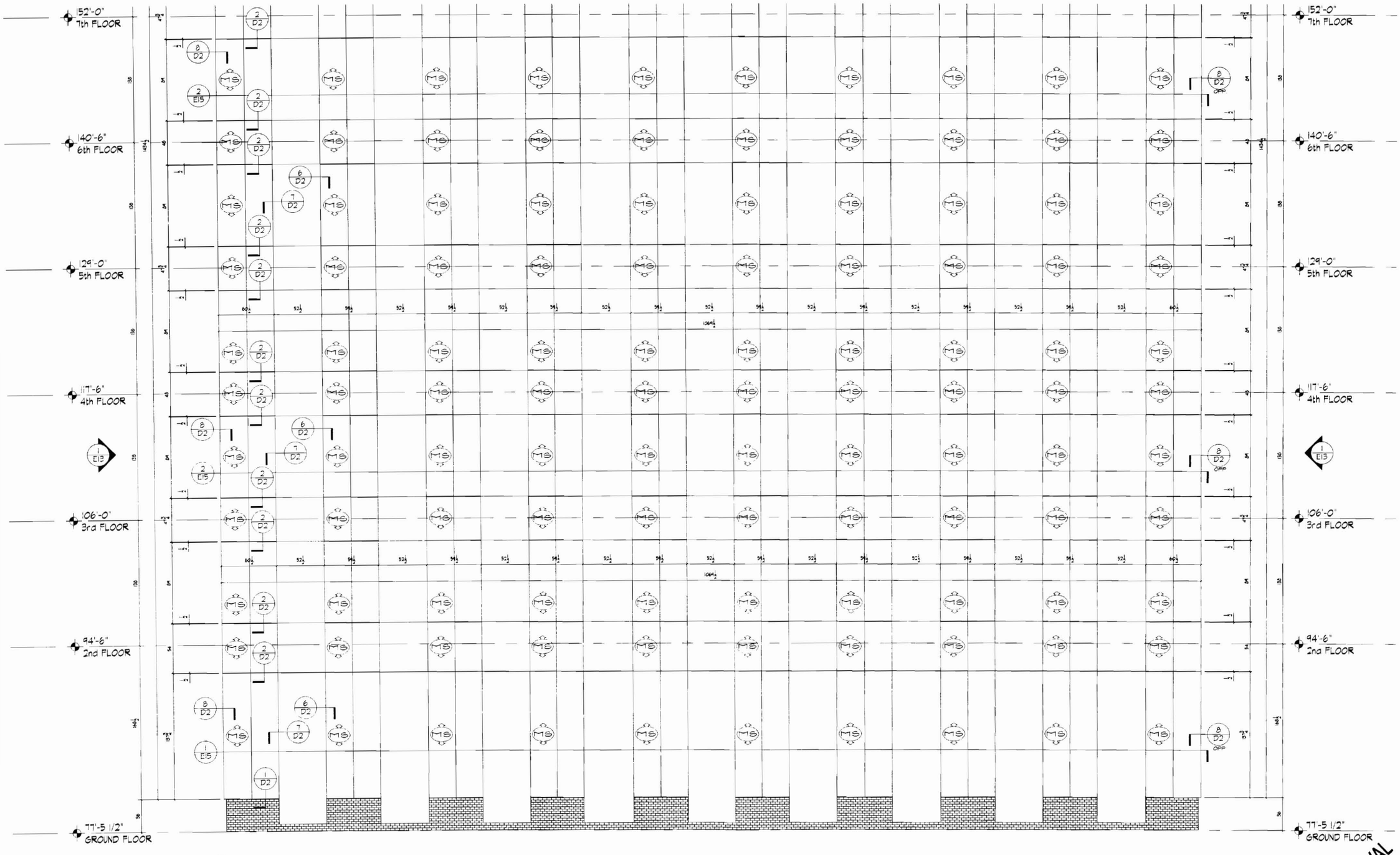
R#	REF.	REVISIONS	DATE
1	Chris	For Approval	April 24/09
R#	REF.	ISSUED FOR	DATE



1 / E11 FEDERAL STREET PARTIAL ELEVATION

SCALE: 1/4" = 1'-0" REF: 2/A201

FOR APPROVAL
DATE: April 24,2009

THIS SHEET CONTAINS 110 PANELS

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No.	REVISIONS	DATE
1	Rev Approval	April 14,09
• REF	ISSUED FOR	DATE

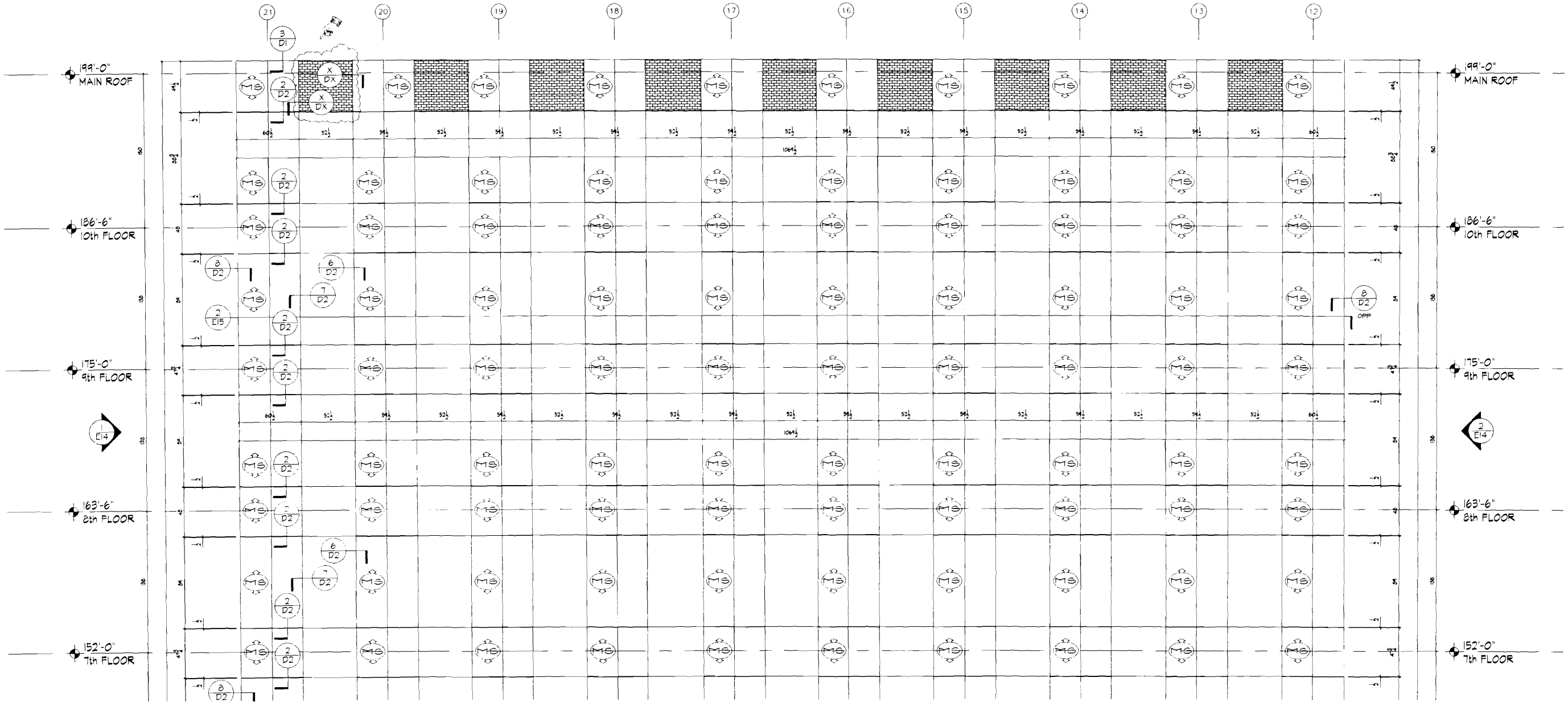
SOBOTEC Ltd.
611 BURFORD ROAD
HAMILTON, ONTARIO
CANADA
L8E 3C6
PHONE: (905) 578-1278
FACSIMILE (905) 578-1446

PROJECT: Finard Properties
One Monument Square

CLIENT: ADW Architectural Doors & Windows

TITLE: Elevation

SCALE	1/4" = 1'-0"
DRAWN	Chris
APPROVED	
DATE	April 24/09
FILE	09-04-014 DWG
CONTRACT	09-04-014
SHEET	E11



1/E12 FEDERAL STREET PARTIAL ELEVATION
SCALE 1/4" = 1'-0" REF. 2/A201

FOR APPROVAL
DATE: April 24,2009

THIS SHEET CONTAINS 90 PANELS

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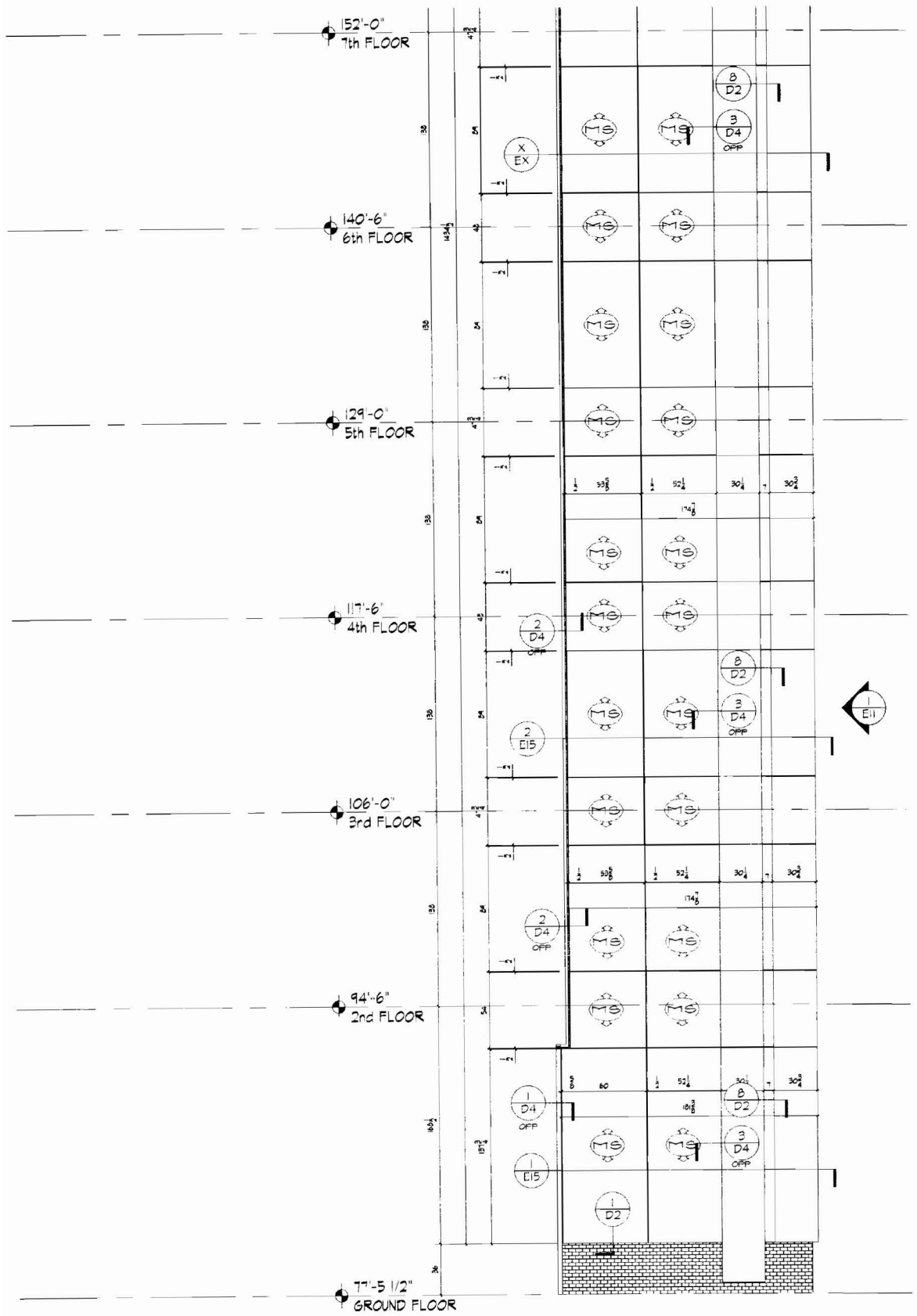
REF	REVISIONS	DATE
-	For Approval	Apr 24/09
*	ISSUED FOR REF	DATE

SOBOTEC Ltd.
61 BURFORD ROAD
HAMILTON ONTARIO
CANADA
L8E 3C6
PHONE 1 (905) 578-1778
FACSIMILE 1 (905) 578-1446

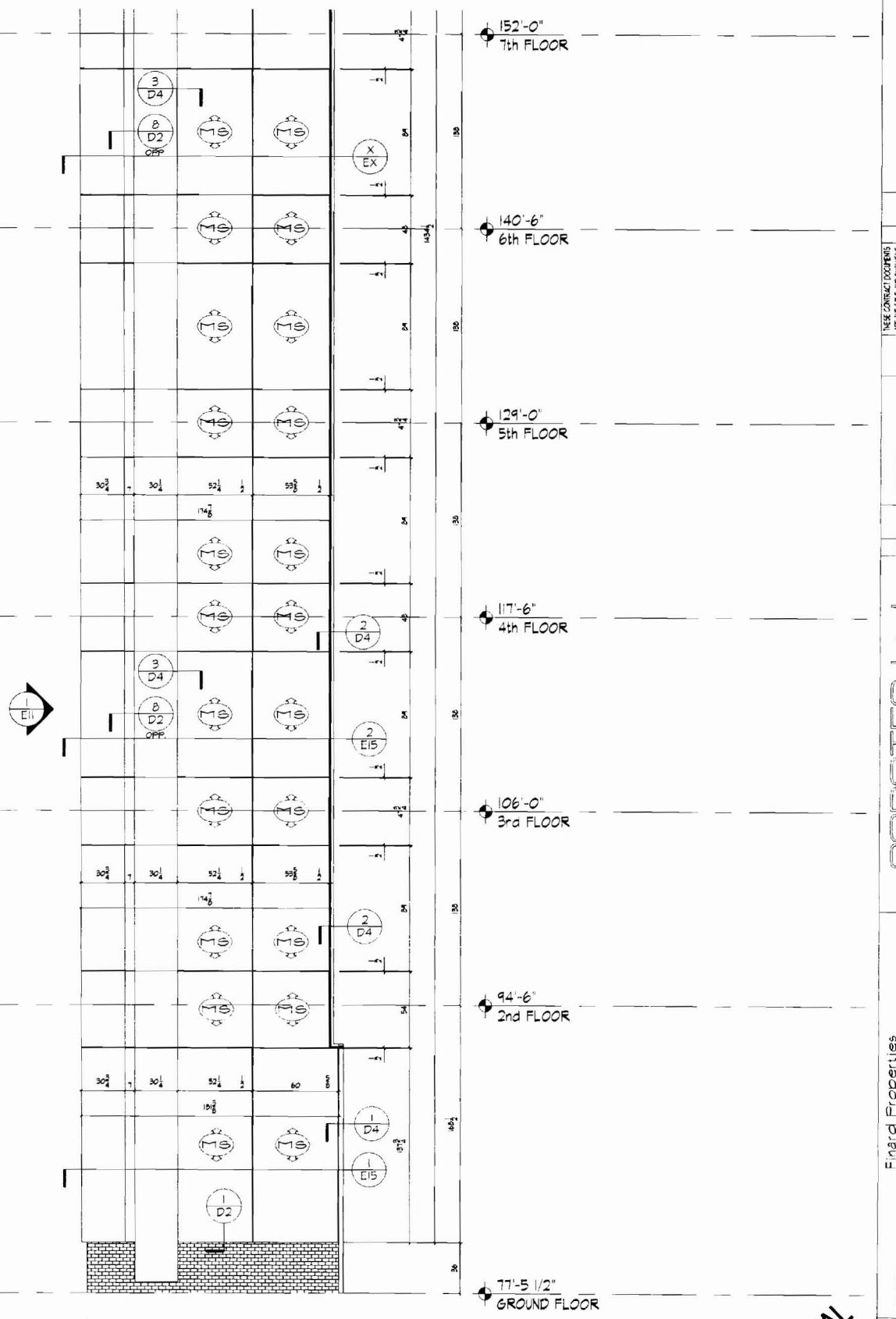
PROJECT: Finard Properties, One Monument Square
CLIENT: ADW Architectural Doors & Windows
TITLE: Elevation

SCALE	1/4" = 1'-0"
DRAWN	Chris
APPROVED	
DATE	April 24/09
FILE	09-04-014.DWG
CONTRACT	09-04-014
SHEET	E12



1 / E13 FEDERAL STREET PARTIAL ELEVATION

SCALE: 1/4" = 1'-0" REF: 2/A201



2 / E13 FEDERAL STREET PARTIAL ELEVATION

SCALE: 1/4" = 1'-0" REF: 2/A201

FOR APPROVAL
DATE: April 24, 2009

THIS SHEET CONTAINS 44 PANELS

SOBOTEC Ltd.
61 BURFORD ROAD
HAMILTON, ONTARIO
CANADA
PHONE (905) 518-1178
FACSIMILE (905) 518-1446

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REF	DATE	REVISIONS
1	Dec 17/08	for approval

ISSUED FOR DATE

Finard Properties
One Monument Square

PROJECT

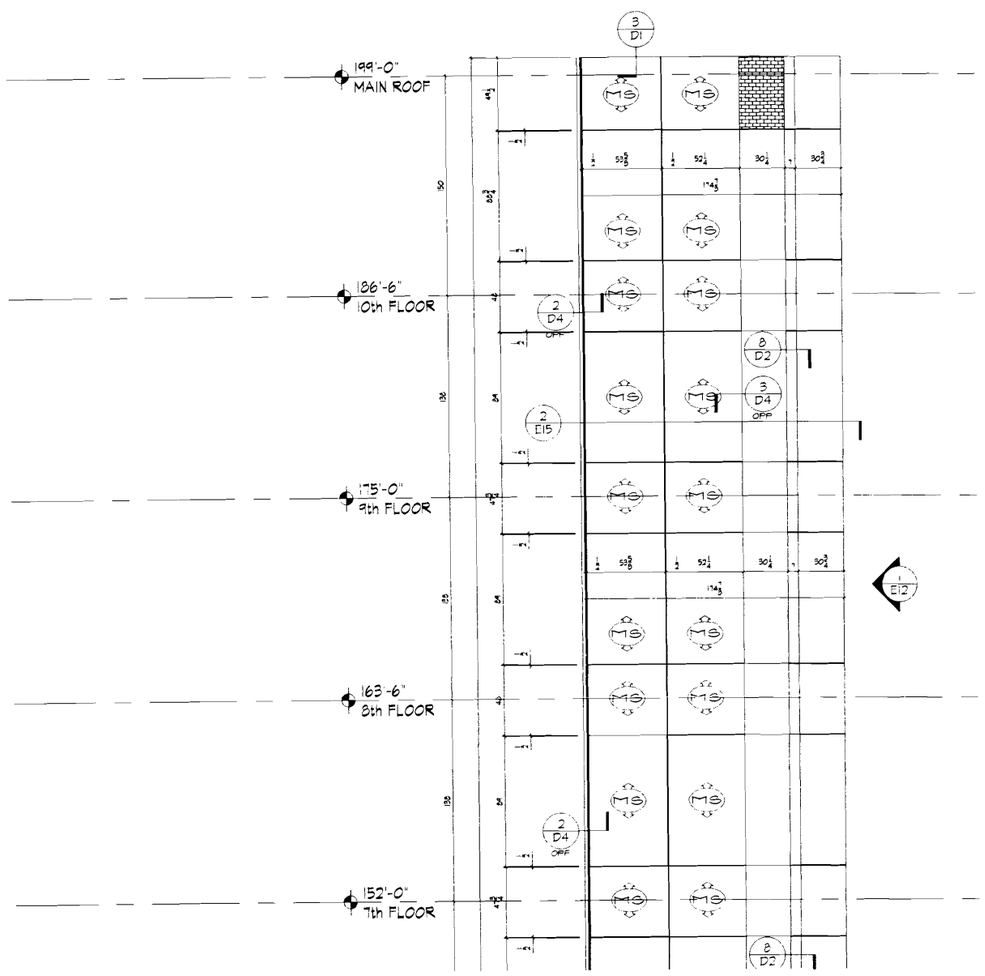
ADW Architectural Doors & Windows

CLIENT

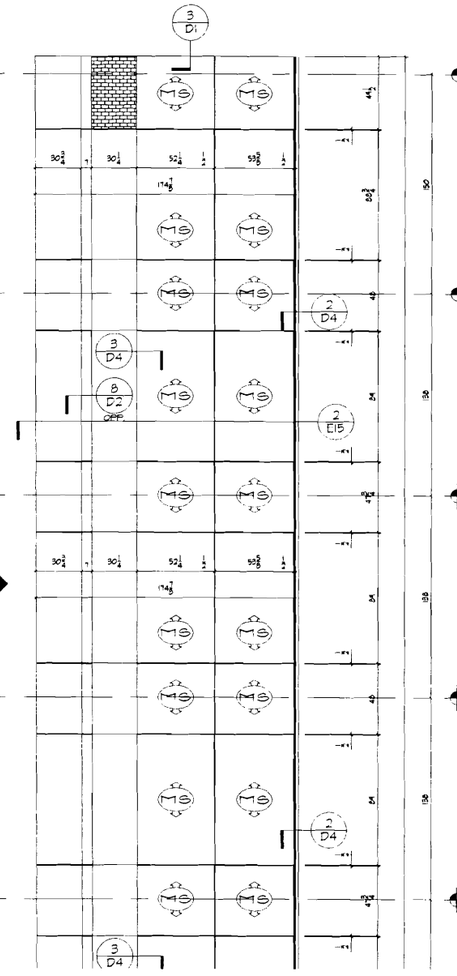
Elevation

TITLE

SCALE:	1/4" = 1'-0"
DRAWN	Chris
APPROVED	
DATE	April 24/09
FILE	09-04-014 DWG
CONTRACT	09-04-014
SHEET	E13



1 / E14 FEDERAL STREET PARTIAL ELEVATION
SCALE: 1/4" = 1'-0" REF: 2/A201



2 / E14 FEDERAL STREET PARTIAL ELEVATION
SCALE: 1/4" = 1'-0" REF: 2/A201

FOR APPROVAL
DATE: April 24,2009

THIS SHEET CONTAINS 36 PANELS

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1		

REFERENCE DRAWINGS

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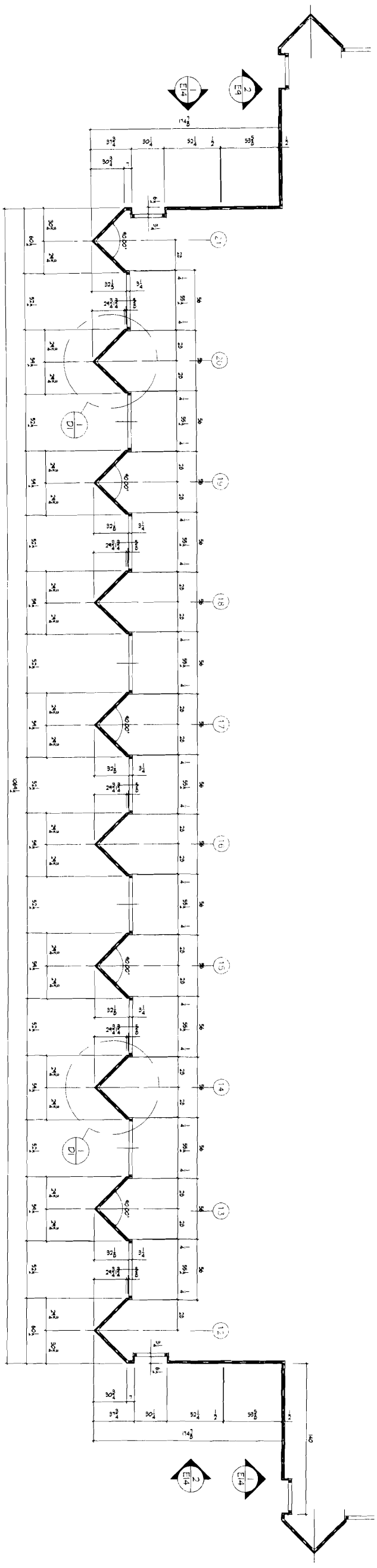
67 BURFORD ROAD
HAMILTON, ONTARIO
CANADA
L8E 3G6
PHONE : 905 . 518 . 1178
FACSIMILE : 905 . 518 . 1446

PROJECT: Firard Properties
One Monument Square

CLIENT: ADAW Architectural Doors & Windows

TITLE: Elevation

SCALE:	1/4" = 1'-0"
DRAWN	Chris
APPROVED:	
DATE:	April 24/09
FILE:	09-04-014 DWG
CONTRACT	09-04-014
SHEET	E14



1 / E13
FEDERAL STREET PARTIAL PLAN
SCALE 1/4" = 1'-0" REF: +80'-5 1/2" TO +92'-0"

2 / E15
FEDERAL STREET PARTIAL PLAN
SCALE 1/4" = 1'-0" REF: +92'-0" TO +96'-0"

FOR APPROVAL
DATE: April 24,2009

SHEET	E15	PROJECT	Finard Properties One Monument Square	SOBOTEC Ltd.	
CONTRACT	09-04-014	CLIENT	AD&W Architectural Doors & Windows	67 BURFORD ROAD HAMILTON ONTARIO CANADA L8E 3C6 PHONE: (905) 578-1278 FACSIMILE (905) 578-1446	
FILE	09-04-014DWG	TITLE	Elevation Key Plan		
DATE	April 24,09				
APPROVED					
DRAWN	Chris				
SCALE	1/4" = 1'-0"				

#	REF.	ISSUED FOR	DATE
1	Chris	For Approval	April 24/09

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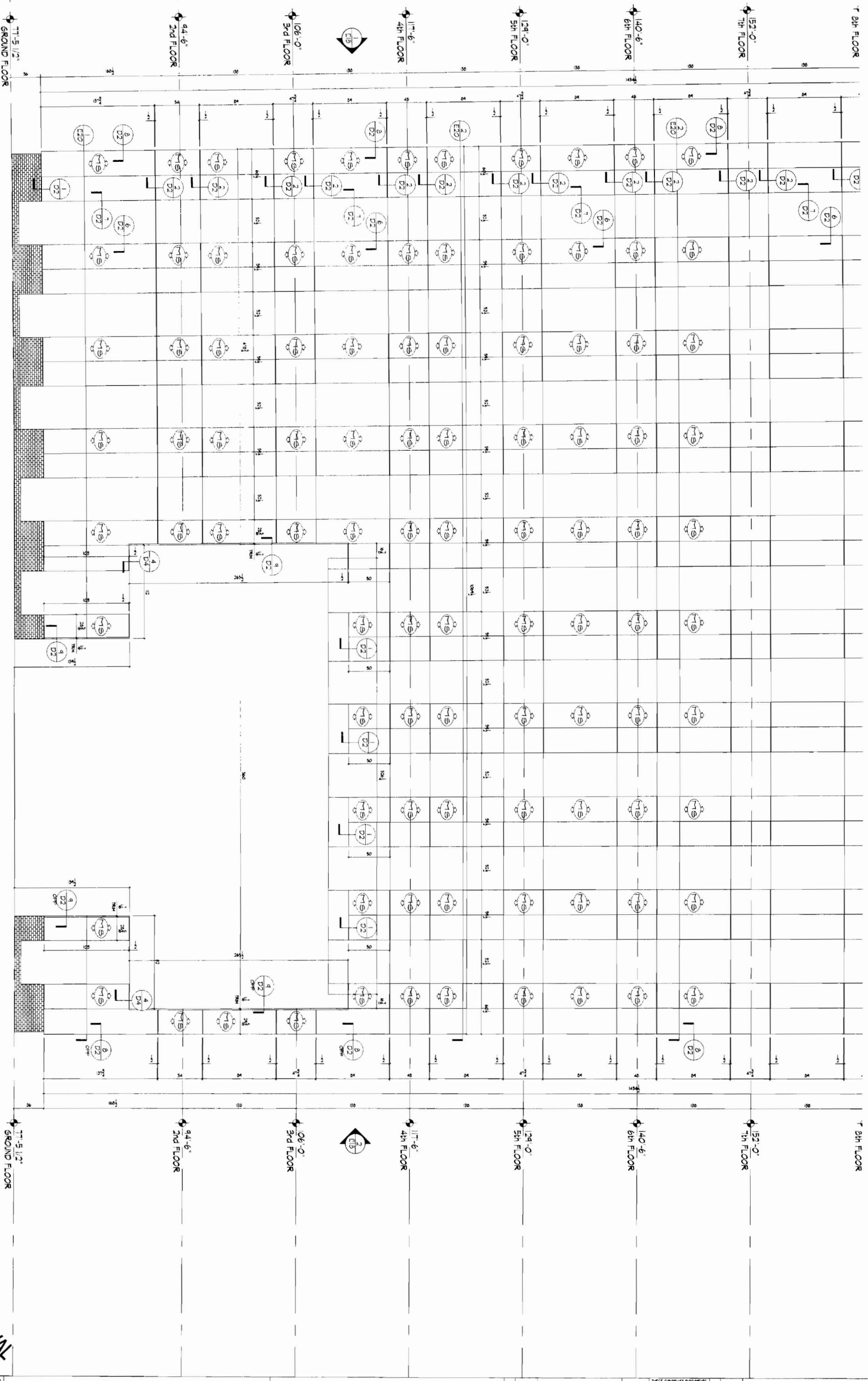
#	REF.	REVISIONS



1/E16 ALLEY PARTIAL ELEVATION

SCALE 5/128" = 1'-0" REF: 2/A201

FOR APPROVAL

DATE: April 24,2009

THIS SHEET CONTAINS 36 PANELS

SHEET E16

DRAWN Chris

APPROVED

DATE: April 24 09

FILE 09-024-014.DWG

CONTRACT 09-024-014

SCALE 5/128" = 1'-0"

PROJECT Finard Properties
One Monument Square

CLIENT AD4W Architectural Doors & Windows

TITLE Elevation

SOBOTEC Ltd.

67 BURFORD ROAD
HAMILTON, ONTARIO
CANADA
L8E 3C6
PHONE: (905) 578-1278
FACSIMILE: (905) 578-1446

#			
1	Chris	for Approval	April 24/09
#	REF	ISSUED FOR	DATE

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#	REF	REVISIONS	DATE

199'-0" MAIN ROOF
186'-6" 10th FLOOR
175'-0" 9th FLOOR
163'-6" 8th FLOOR
152'-0" 7th FLOOR

10 9 8 7 6 5 4 3 2 1

1 / E17 ALLEY PARTIAL ELEVATION
SCALE: 1/4" = 1'-0" REF: 2/A201

FOR APPROVAL
DATE: April 24,2009

THIS SHEET CONTAINS 30 PANELS

SOBOTEC Ltd.
61 BURFORD ROAD
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L8E 3C6
PHONE (905) 518-1278
FACSIMILE (905) 518-1446

NO.	REVISIONS	DATE
1	REF.	

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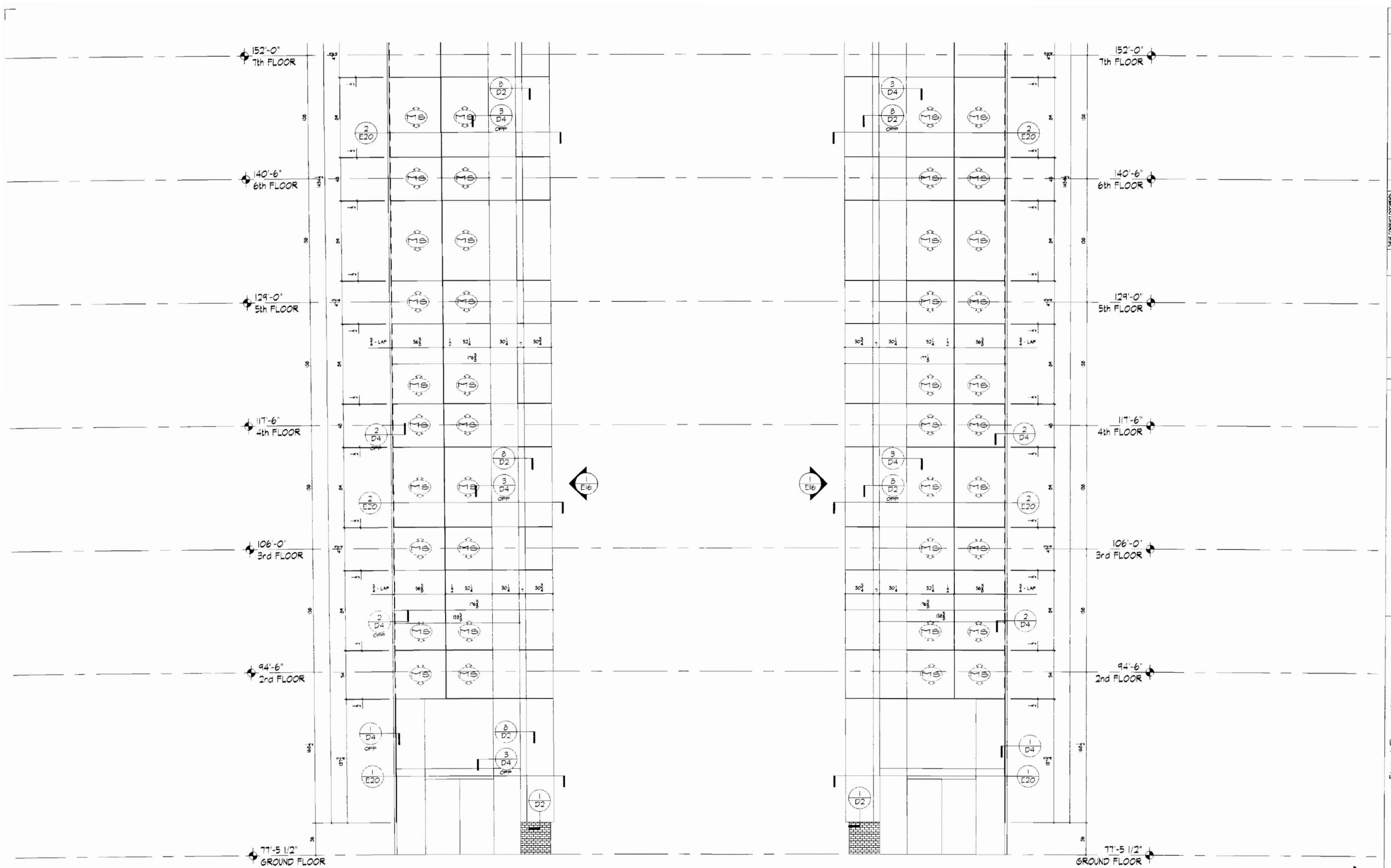
NO.	DRN	REF	ISSUED FOR	DATE
1			For approval	Apr 24/09

PROJECT: Firard Properties, One Monument Square
CLIENT: ADAM Architectural Doors & Windows
TITLE: Elevation

SCALE	1/4" = 1'-0"
DRAWN	Chris
APPROVED	
DATE	April 24/09
FILE	09-04-014.DWG
CONTRACT	09-04-014
SHEET	E17



1 / E18 ALLEY PARTIAL ELEVATION
SCALE: 1/4" = 1'-0" REF: 2/A201

2 / E18 ALLEY PARTIAL ELEVATION
SCALE: 1/4" = 1'-0" REF: 2/A201

FOR APPROVAL
DATE: April 24, 2009

THIS SHEET CONTAINS 40 PANELS

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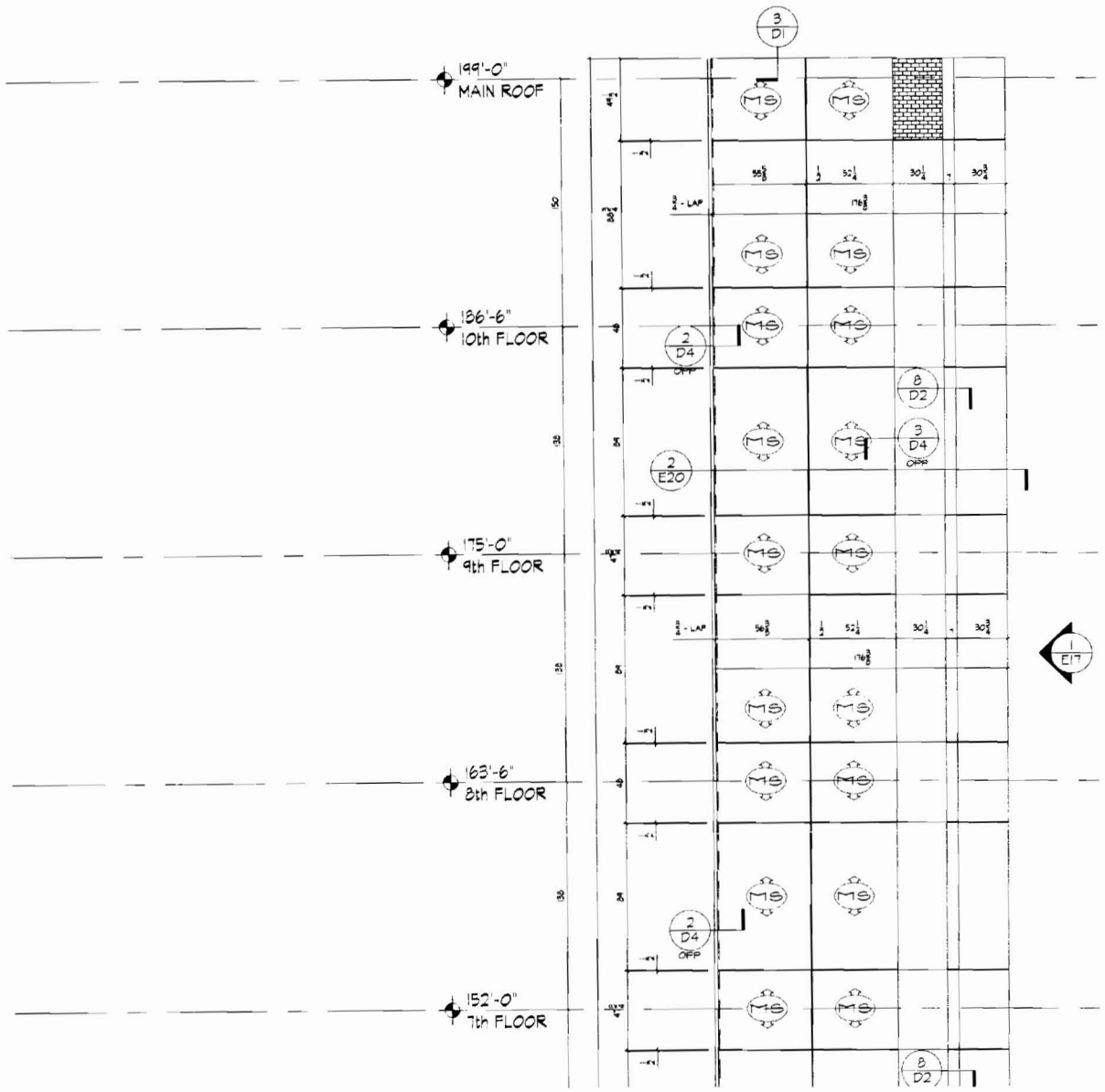
REF	DATE	REVISIONS
1	Apr 24/09	for approval

REF	DATE	ISSUED FOR
*	Chris	

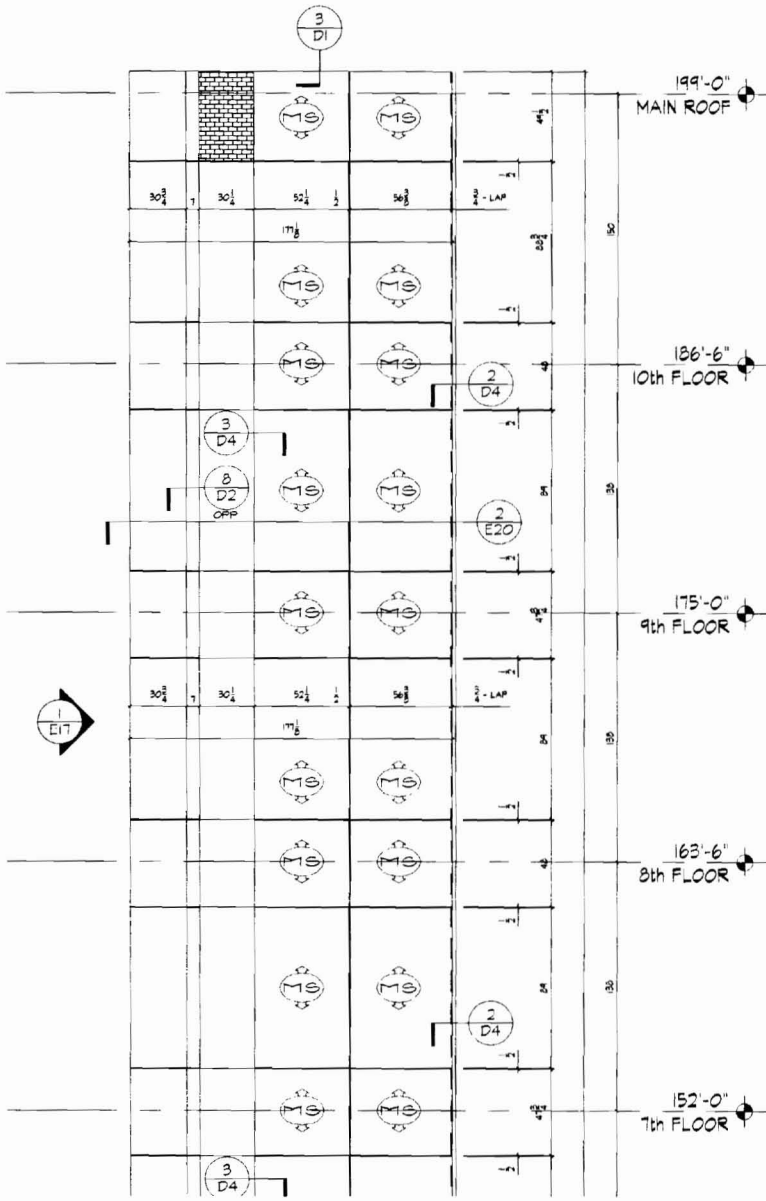
SOBOTEC Ltd
61 BURFORD ROAD
HAMILTON ONTARIO
CANADA
L8E 3C6
PHONE (905) 578-1178
FACSIMILE (905) 578-1446

PROJECT: Finard Properties, One Monument Square
CLIENT: ADAW Architectural Doors & Windows
TITLE: Elevation

SCALE:	1/4" = 1'-0"
DRAWN:	Chris
APPROVED:	
DATE:	April 24/09
FILE:	08-04-014 DWG
CONTRACT:	08-04-014
SHEET:	E18



1 / E19 ALLEY PARTIAL ELEVATION
SCALE: 1/4" = 1'-0" REF 2/A201



2 / E19 ALLEY PARTIAL ELEVATION
SCALE: 1/4" = 1'-0" REF 2/A201

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#	REF.	REVISIONS	DATE
1	Chris	for approval	April 24/09
#	REF.	ISSUED FOR	DATE

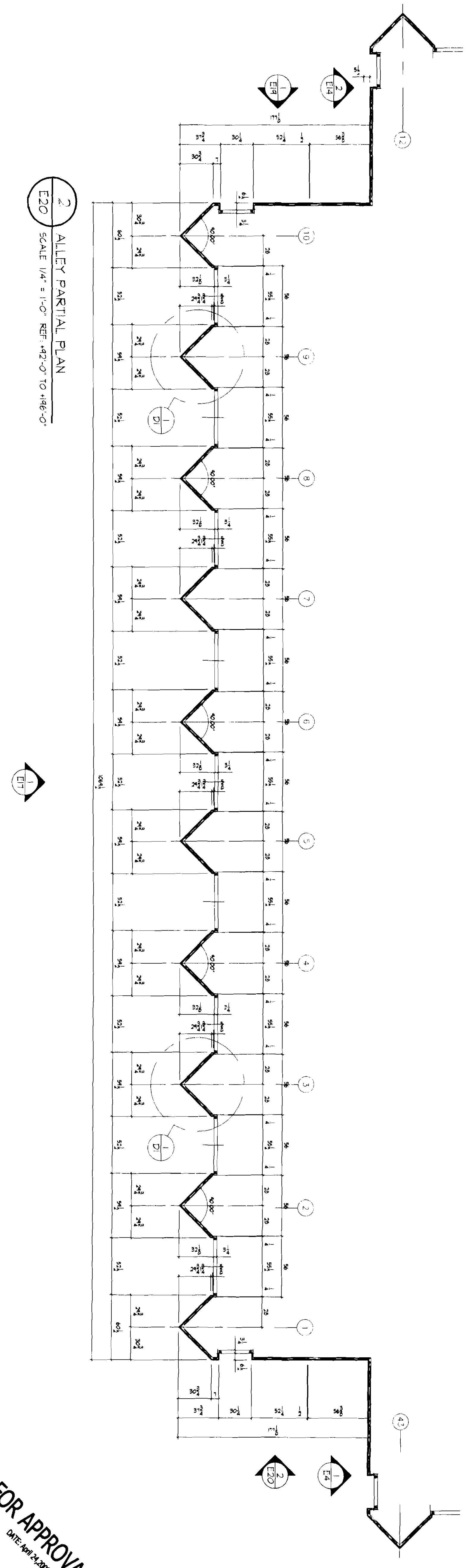
SOBOTEC Ltd.
61 BURFORD ROAD
HAMILTON ONTARIO
CANADA
L8E 3G6
PHONE: (905) 518-1278
FACSIMILE: (905) 518-1446

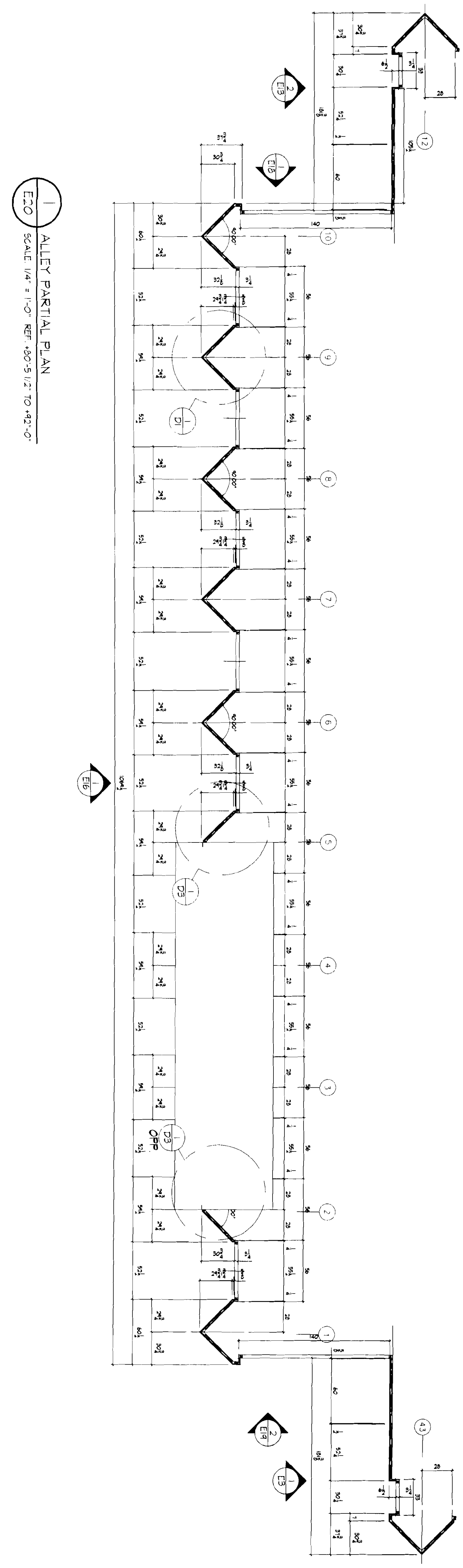
PROJECT: Firard Properties One Monument Square
CLIENT: AD4W Architectural Doors & Windows
TITLE: Elevation

SCALE	1/4" = 1'-0"
DRAWN	Chris
APPROVED	
DATE	April 24/09
FILE	09-04-014.DWG
CONTRACT	09-04-014
SHEET	E19

FOR APPROVAL
DATE: April 24/2009

THIS SHEET CONTAINS 36 PANELS





FOR APPROVAL
DATE: April 24, 2009

SCALE	1/4" = 1'-0"	PROJECT	Finard Properties One Monument Square
DRAWN	Chris	CLIENT	AD&W Architectural Doors & Windows
APPROVED		TITLE	Elevation Key Plan
DATE	April 24/09		
FILE	09-04-014 DWG		
CONTRACT	09-04-014		
SHEET	E20		

SOBOTEC Ltd.
67 BURFORD ROAD
HAMILTON, ONTARIO
CANADA
L8E 3C6
PHONE (905) 578-1278
FACSIMILE (905) 578-1446

#	REF.	ISSUED FOR	DATE
1	Chris	For Approval	April 24/09

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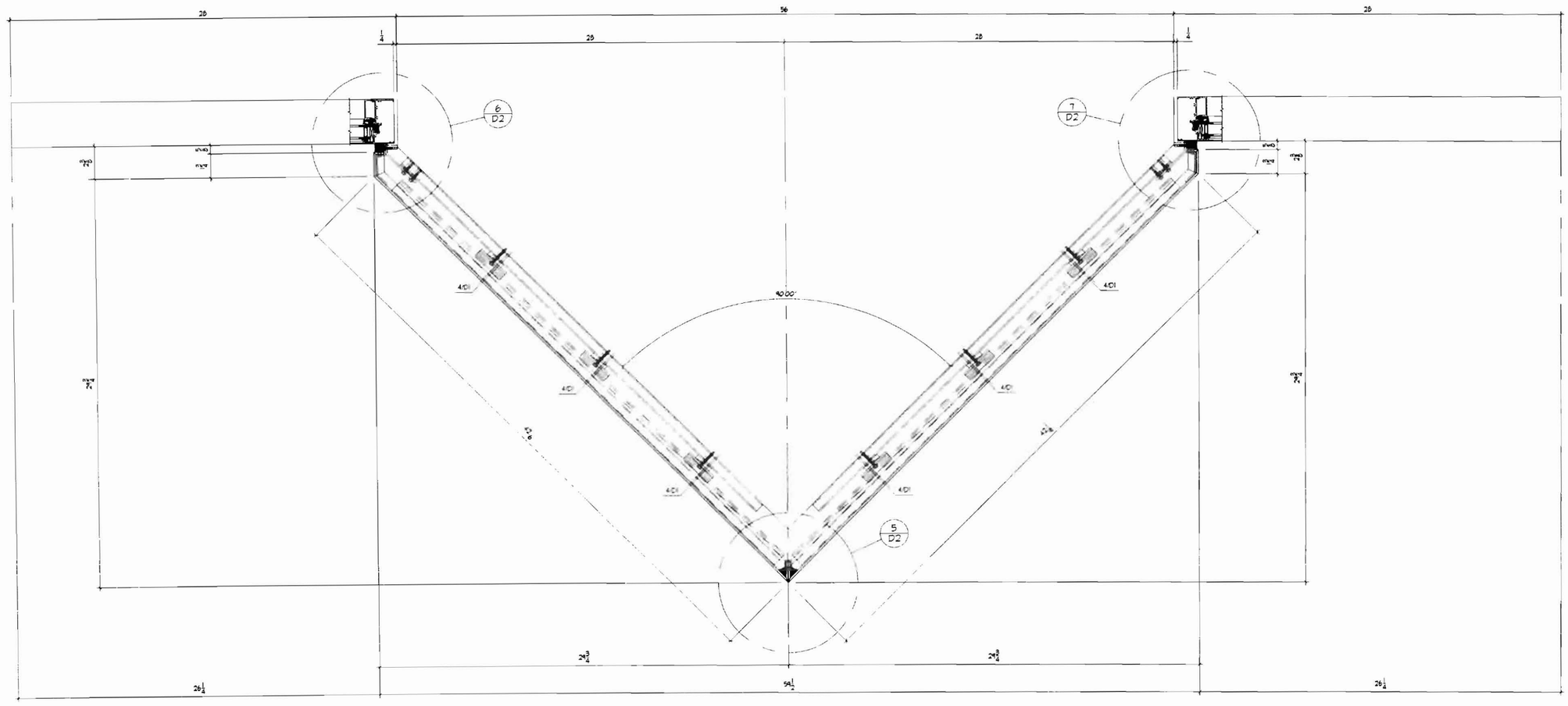
R#	REF.	REVISIONS	DATE



1/D1 DETAIL PLAN @ WALL JOINT
SCALE: 3" = 1'-0" REF.

SLOBOD PANEL SYSTEM

1. ALUCOBOND COMPOSITE PANEL BY SOBOTEC
2. ALUCOBOND REVEAL - FINISH TO MATCH PANEL
3. ALUCOBOND TRIM - FINISH TO MATCH PANEL
4. GLAZING SYSTEM, NOT BY SOBOTEC, PRIOR TO PANEL SYSTEM
5. ADJACENT FASCIA NOT BY SOBOTEC, PRIOR TO PANEL SYSTEM
6. TYVEK 'Commercial Wrap' WEATHER BARRIER - NBS
7. ASSURANCE OF OVERALL BUILDING WEATHER BARRIER CONTINUITY - NBS.
8. NOT IN SOBOTEC LTD. SCOPE OF WORK.
9. CONTINUOUS STARTER @ 144" LONG SUPPLIED BY SOBOTEC
10. STARTER CLIPS @ 4" LONG SUPPLIED BY SOBOTEC
11. WALL TRACK CLIPS @ 2 1/2" LONG SUPPLIED BY SOBOTEC
12. WALL TRACK CLIPS @ 4" LONG SUPPLIED BY SOBOTEC
13. TERMINATOR CLIPS @ 4" LONG SUPPLIED BY SOBOTEC
14. ALL CLIPS INSTALLED @ 16" C/C (MINIMUM 2 PER FASTENED LENGTH)
15. ALL CLIPS SHIPPED PRE-PUNCHED FOR INSTALLATION.
16. BUTT-JOINT CLIPS SHOP-FITTED TO PANEL
17. FASTENERS AND SHIMS - NOT BY SOBOTEC
18. SHIM AS IF REQUIRED
19. FASTENERS @ 16" C/C (MINIMUM 2 PER FASTENED LENGTH)
20. 1 FASTENER CLIP TO PANEL FRAME, TYPICAL
21. 1 FASTENER CLIP TO STRUCTURE, TYPICAL
22. PANEL WEEPS LOCATED @ 6" FROM PANEL ENDS (MINIMUM 2 PER PANEL
23. BACKER ROD AND SEALANT NOT BY SOBOTEC
24. SEALANT, DOW 795 BY OTHERS - COLOUR SPECIFICATION BY OTHERS
25. ALUMINUM ANGLE - BY OTHERS - FIELD APPLIED
26. BLUESKIN WEATHER-BARRIER MEMBRANE CLOSURE STRIP - NBS
27. ALUCOBOND COPING - FINISH TO MATCH PANEL
28. COPING SLEEVE - FINISH TO MATCH PANELS
29. ALUCOBOND COPING SLEEVE SHOP-FITTED TO PANEL
30. 16GA GALVANISED STRAPPING (IF REQUIRED) - NBS
31. ALUMINUM BRAKE SHAPE - BY OTHERS - FIELD APPLIED
32. ALUMINUM FLASHING INSTALLED AFTER PANELS NOT BY SOBOTEC
33. RESERVED
34. RESERVED
35. RESERVED
36. RESERVED

FOR APPROVAL
DATE: April 24,2009

SOBOTEC Ltd.
67 BURFORD ROAD
HAMILTON ONTARIO
CANADA
L8E 3C6
PHONE: 905-578-1278
FACSIMILE: 905-578-1446

REF.	ISSUED FOR	DATE
	for approval	

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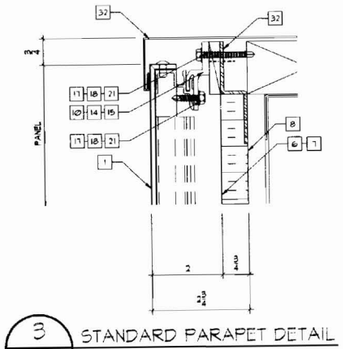
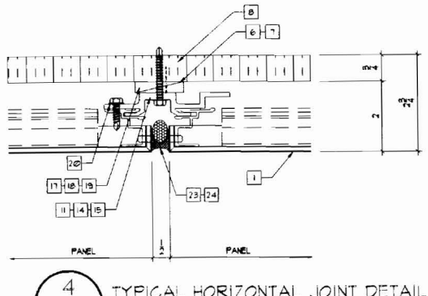
REF	REVISIONS	DATE

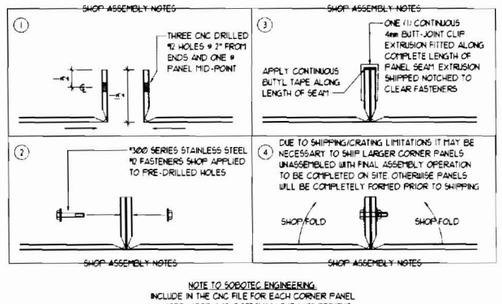
PROJECT	Finard Properties One Monument Square
CLIENT	ADdW Architectural Doors & Windows
TITLE	Details
SCALE	3" = 1'-0"
DRAWN	Chris
APPROVED	
DATE	April 24/09
FILE	09-04-014.DWG
CONTRACT	09-04-014
SHEET	D1



3 / D2 STANDARD PARAPET DETAIL
SCALE: 6" = 1'-0" REF:

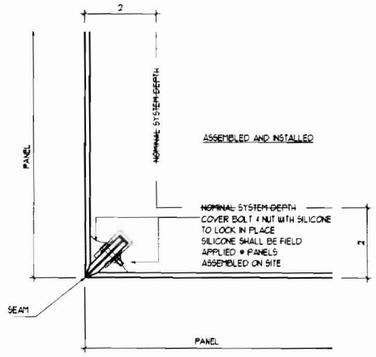


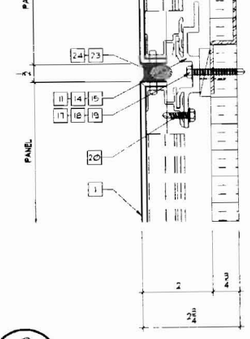
4 / D2 TYPICAL HORIZONTAL JOINT DETAIL
SCALE: 6" = 1'-0" REF:



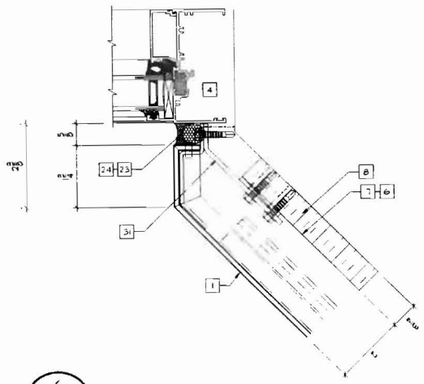
NOTE TO SOBOTEC ENGINEERING:
INCLUDE IN THE CNC FILE FOR EACH CORNER PANEL A NOTCH (TOP AND BOTTOM) IN THE 1 1/2" RETURNS THAT WILL ALLOW THE 1 1/2" RETURN TO CLEAR THE 1" RETURNS (TOP AND BOTTOM) WHEN OVERLAPPED BY 1.5"

5 / D2 TYPICAL ASSEMBLY DETAIL
SCALE: 6" = 1'-0" REF:

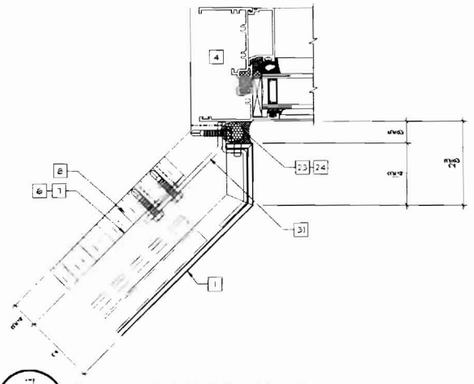




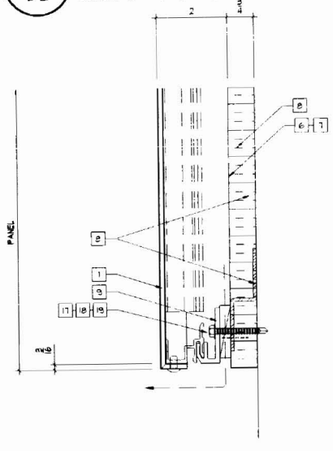
2 / D2 TYPICAL HORIZONTAL JOINT DETAIL
SCALE 6" = 1'-0" REF:



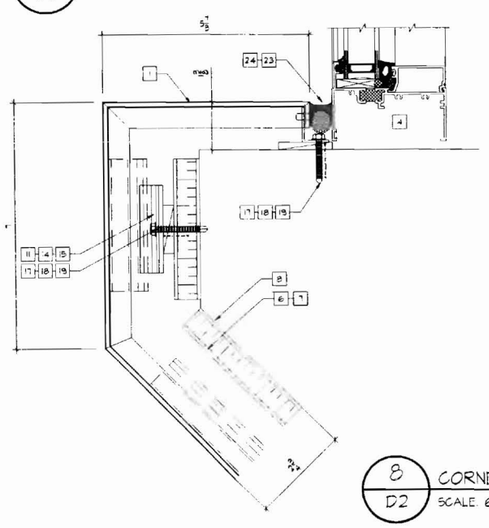
6 / D2 LEFT TERMINATION DETAIL
SCALE 6" = 1'-0" REF:



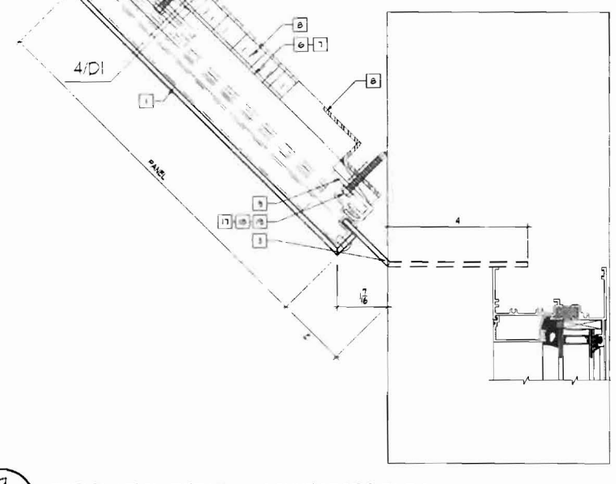
7 / D2 RIGHT TERMINATION DETAIL
SCALE: 6" = 1'-0" REF:



1 / D2 TYPICAL HORIZONTAL JOINT DETAIL
SCALE: 6" = 1'-0" REF:



8 / D2 CORNER TERMINATION DETAIL
SCALE. 6" = 1'-0" REF:



9 / D2 TERMINATION DETAIL @ CONNECTORS BLDG.
SCALE: 6" = 1'-0" REF:

SOBOTEC PANEL SYSTEM

1. ALUCOBOND COMPOSITE PANEL BY SOBOTEC.
2. ALUCOBOND REVEAL - FINISH TO MATCH PANEL
3. ALUCOBOND TRIM - FINISH TO MATCH PANEL
4. GLAZING SYSTEM NOT BY SOBOTEC. PRIOR TO PANEL SYSTEM
5. ADJACENT FASCIA NOT BY SOBOTEC. PRIOR TO PANEL SYSTEM
6. TYVEK 'Commercial Wrap' WEATHER BARRIER - NBS
7. ASSURANCE OF OVERALL BUILDING WEATHER BARRIER CONTINUITY - NBS
8. NOT IN SOBOTEC LTD. SCOPE OF WORK
9. CONTINUOUS STARTER @ 144" LONG SUPPLIED BY SOBOTEC
10. STARTER CLIPS @ 4" LONG SUPPLIED BY SOBOTEC
11. WALL TRACK CLIPS @ 2 1/2" LONG SUPPLIED BY SOBOTEC
12. WALL TRACK CLIPS @ 4" LONG SUPPLIED BY SOBOTEC
13. TERMINATOR CLIPS @ 4" LONG SUPPLIED BY SOBOTEC.
14. ALL CLIPS INSTALLED @ 16" C/C. (MINIMUM 2 PER FASTENED LENGTH)
15. ALL CLIPS SHIPPED PRE-PUNCHED FOR INSTALLATION.
16. BUTT JOINT CLIPS SHOP-FITTED TO PANEL
17. FASTENERS AND SHIMS - NOT BY SOBOTEC
18. SHIM AS/IF REQUIRED
19. FASTENERS @ 16" C/C (MINIMUM 2 PER FASTENED LENGTH)
20. 1 FASTENER CLIP TO PANEL FRAME, TYPICAL
21. 1 FASTENER CLIP TO STRUCTURE TYPICAL
22. PANEL WEEPS LOCATED @ 6" FROM PANEL ENDS MINIMUM 2 PER PANEL
23. BACKER ROD AND SEALANT NOT BY SOBOTEC
24. SEALANT: DOW 795 BY OTHERS - COLOUR SPECIFICATION BY OTHERS
25. ALUMINUM ANGLE - BY OTHERS - FIELD APPLIED
26. BLUESKIN WEATHER-BARRIER MEMBRANE CLOSURE STRIP - NBS
27. ALUCOBOND COPING - FINISH TO MATCH PANEL
28. COPING SLEEVE - FINISH TO MATCH PANELS
29. ALUCOBOND COPING SLEEVE SHOP-FITTED TO PANEL
30. 16GA GALVANISED STRAPPING (IF REQUIRED) - NBS
31. ALUMINUM BRAKE SHAPE - BY OTHERS - FIELD APPLIED
32. ALUMINUM FLASHING INSTALLED AFTER PANELS NOT BY SOBOTEC
33. RESERVED
34. RESERVED
35. RESERVED
36. RESERVED

FOR APPROVAL
DATE: April 24, 2009

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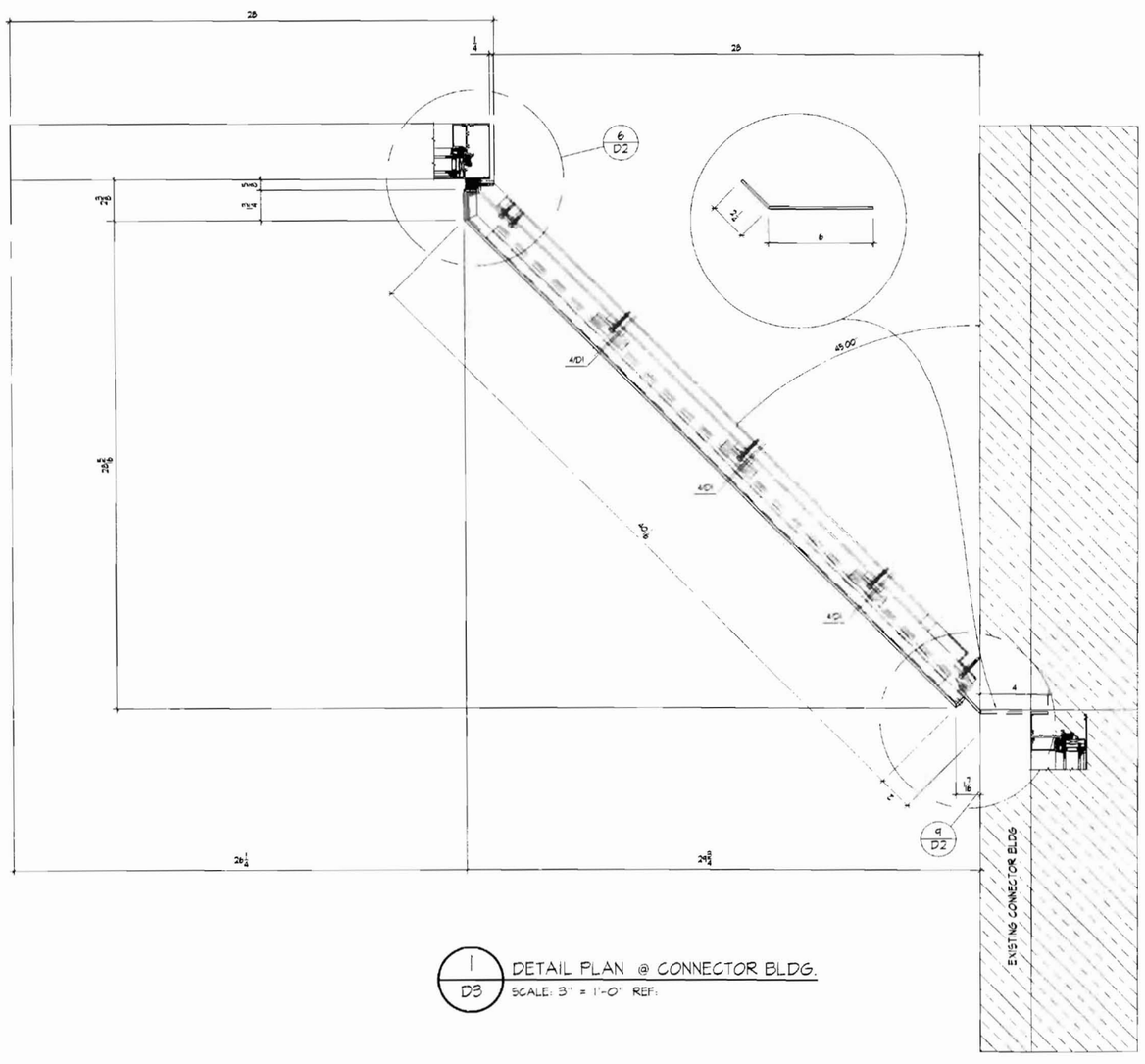
REF.	REVISIONS	DATE
-	CHK	REF.
-	For approval	apr-24-09

ISSUED FOR

SOBOTEC Ltd.
67 BURFORD ROAD
HAMILTON, ONTARIO
CANADA
L8E 3G6
PHONE: (905) 578-1278
FACSIMILE: (905) 578-1446

PROJECT: Finard Properties, One Monument Square
CLIENT: ADW Architectural Doors & Windows
TITLE: Details

SCALE:	6" = 1'-0"
DRAWN:	CHK
APPROVED	
DATE	April 24/09
FILE	09-04-014 DWG
CONTRACT	09-04-014
SHEET	D2



1 / D3 DETAIL PLAN @ CONNECTOR BLDG.
SCALE: 3" = 1'-0" REF:

SL 1000 PANEL SYSTEM

1. ALUCOBOND COMPOSITE PANEL BY SOBOTEC.
2. ALUCOBOND REVEAL - FINISH TO MATCH PANEL.
3. ALUCOBOND TRIM - FINISH TO MATCH PANEL.
4. GLAZING SYSTEM, NOT BY SOBOTEC, PRIOR TO PANEL SYSTEM.
5. ADJACENT FASCIA, NOT BY SOBOTEC, PRIOR TO PANEL SYSTEM.
6. TYVEK 'Commercial Wrap' WEATHER BARRIER - NBS.
7. ASSURANCE OF OVERALL BUILDING WEATHER BARRIER CONTINUITY - NBS.
8. NOT IN SOBOTEC LTD. SCOPE OF WORK.
9. CONTINUOUS STARTER @ 144" LONG SUPPLIED BY SOBOTEC.
10. STARTER CLIPS @ 4" LONG SUPPLIED BY SOBOTEC.
11. WALL TRACK CLIPS @ 2 1/2" LONG SUPPLIED BY SOBOTEC.
12. WALL TRACK CLIPS @ 4" LONG SUPPLIED BY SOBOTEC.
13. TERMINATOR CLIPS @ 4" LONG SUPPLIED BY SOBOTEC.
14. ALL CLIPS INSTALLED @ 16" C/C. (MINIMUM 2 PER FASTENED LENGTH)
15. ALL CLIPS SHIPPED PRE-PUNCHED FOR INSTALLATION.
16. BUTT-JOINT CLIPS SHOP-FITTED TO PANEL.
17. FASTENERS AND SHIMS - NOT BY SOBOTEC.
18. SHIM AS/IF REQUIRED.
19. FASTENERS @ 16" C/C (MINIMUM 2 PER FASTENED LENGTH)
20. 1 FASTENER CLIP TO PANEL FRAME, TYPICAL.
21. 1 FASTENER CLIP TO STRUCTURE, TYPICAL.
22. PANEL WEEPS LOCATED @ 6" FROM PANEL ENDS, MINIMUM 2 PER PANEL.
23. BACKER ROD AND SEALANT NOT BY SOBOTEC.
24. SEALANT, DOW 795 BY OTHERS - COLOUR SPECIFICATION BY OTHERS.
25. ALUMINUM ANGLE - BY OTHERS - FIELD APPLIED.
26. BLUESKIN WEATHER-BARRIER MEMBRANE CLOSURE STRIP - NBS.
27. ALUCOBOND COPING - FINISH TO MATCH PANEL.
28. COPING SLEEVE - FINISH TO MATCH PANELS.
29. ALUCOBOND COPING SLEEVE SHOP-FITTED TO PANEL.
30. 16GA GALVANISED STRAPPING (IF REQUIRED) - NBS.
31. ALUMINUM BRAKE SHAPE - BY OTHERS - FIELD APPLIED.
32. ALUMINUM FLASHING INSTALLED AFTER PANELS, NOT BY SOBOTEC.
33. RESERVED.
34. RESERVED.
35. RESERVED.
36. RESERVED.

FOR APPROVAL
DATE: April 24,2009

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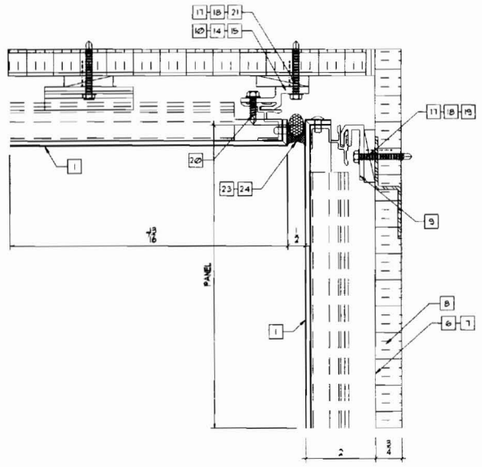
NO.	BY	DATE	REVISIONS
1	CHRIS		For Approval
*	REF		ISSUED FOR

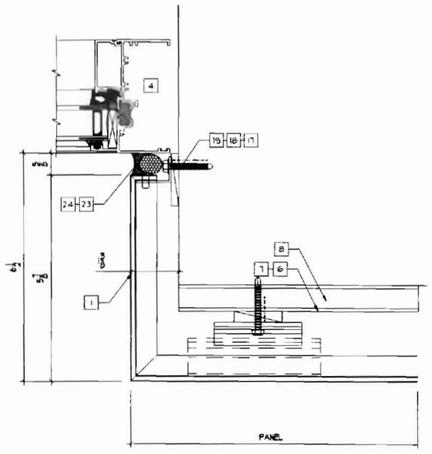
SOBOTEC Ltd.
61 BURFORD ROAD
HAMILTON ONTARIO
CANADA
L8E 3G6
PHONE: (905) 578-1778
FACSIMILE (905) 578-1446

PROJECT: Finaro Properties, One Monument Square
CLIENT: AD4W Architectural Doors & Windows
TITLE: Details

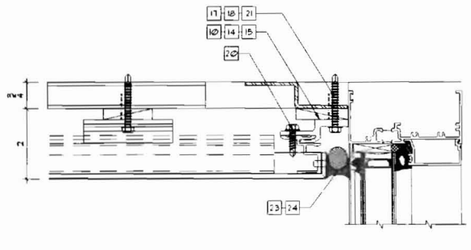
SCALE	3" = 1'-0"
DRAWN	Chris
APPROVED	
DATE	April 24/09
FILE	09-04-014.DWG
CONTRACT	09-04-014
SHEET	D3



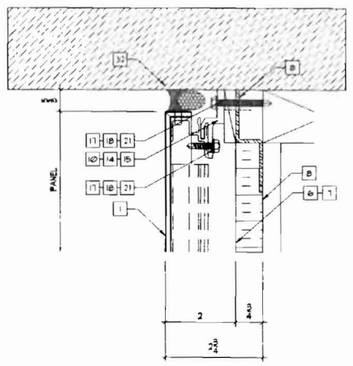
2 / D4 INSIDE CORNER CONNECTION DETAIL
SCALE: 6" = 1'-0" REF.



3 / D4 TERMINATION @ WINDOW
SCALE: 6" = 1'-0" REF.



1 / D4 TERMINATION @ ENTRANCE
SCALE: 6" = 1'-0" REF.



4 / D4 TERMINATION @ SOFFIT
SCALE: 6" = 1'-0" REF.

SLOCO PANEL SYSTEM

1. ALUCOBOND COMPOSITE PANEL BY SOBOTEC.
2. ALUCOBOND REVEAL - FINISH TO MATCH PANEL
3. ALUCOBOND TRIM - FINISH TO MATCH PANEL.
4. GLAZING SYSTEM, NOT BY SOBOTEC, PRIOR TO PANEL SYSTEM
5. ADJACENT FASCIA NOT BY SOBOTEC, PRIOR TO PANEL SYSTEM
6. TYVEK 'Commercial Wrap' WEATHER BARRIER - NBS
7. ASSURANCE OF OVERALL BUILDING WEATHER BARRIER CONTINUITY - NBS
8. NOT IN SOBOTEC LTD. SCOPE OF WORK
9. CONTINUOUS STARTER @ 144" LONG SUPPLIED BY SOBOTEC
10. STARTER CLIPS @ 4" LONG SUPPLIED BY SOBOTEC
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12. WALL TRACK CLIPS @ 4" LONG SUPPLIED BY SOBOTEC
13. TERMINATOR CLIPS @ 4" LONG SUPPLIED BY SOBOTEC.
14. ALL CLIPS INSTALLED @ 16" C/C (MINIMUM 2 PER FASTENED LENGTH)
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17. FASTENERS AND SHIMS - NOT BY SOBOTEC
18. SHIM AS IF REQUIRED
19. FASTENERS @ 16" C/C (MINIMUM 2 PER FASTENED LENGTH)
20. 1 FASTENER, CLIP TO PANEL FRAME, TYPICAL
21. 1 FASTENER, CLIP TO STRUCTURE, TYPICAL
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27. ALUCOBOND COPING - FINISH TO MATCH PANEL.
28. COPING SLEEVE - FINISH TO MATCH PANELS
29. ALUCOBOND COPING SLEEVE SHOP-FITTED TO PANEL
30. 16GA GALVANISED STRAPPING (IF REQUIRED) - NBS
31. ALUMINUM BRAKE SHAPE - BY OTHERS - FIELD APPLIED
32. ALUMINUM FLASHING INSTALLED AFTER PANELS, NOT BY SOBOTEC
33. RESERVED
34. RESERVED
35. RESERVED
36. RESERVED

FOR APPROVAL
DATE: April 24,2009

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#	BY	REVISIONS	DATE
1	Chris	for approval	Apr-24-09
*	REF	ISSUED FOR REF	DATE

SOBOTEC Ltd.
61 BURFORD ROAD
HAMILTON ONTARIO
CANADA
L8E 3C6
PHONE : 905 / 578-1178
FACSIMILE : 905 / 578-1446

PROJECT	Fiera Properties One Monument Square
CLIENT	ADW Architectural Doors & Windows
TITLE	Details
SCALE	6" = 1'-0"
DRAWN	Chris
APPROVED	
DATE	April 24/09
FILE	09-04-014 DWG
CONTRACT	09-04-014
SHEET	D4