

**Final Approved Stamped Plans
Full Size**

City of Scottsdale Notes

- A. Sight distance triangles shall be shown on final plans for driveways from commercial sites and any intersections. Area within the safety triangle is to be clear of landscaping, signs, or other visibility obstructions with a height greater than 1.5 feet. Trees within the safety triangle shall be single trunk and have a canopy that brings at 8 feet in height upon installation. All heights are measured from nearest street line elevation.
- B. Temporary/Security fencing that is required or is optionally provided shall be in accordance with the Zoning Ordinance and the Design Standards and Policy Manual.
- C. The temporary/security fence location shall not be modified or the temporary/security fence shall not be removed without the approval of the Planning and Development Services' Inspection Services Division.
- D. All rights of way adjacent to this property shall be landscaped and maintained by the property owner.
- E. All signs require separate permits and approvals.
- F. No exterior vending or display shall be allowed.
- G. Flagpoles, if provided, shall be one piece conical tapered.
- H. No exterior public address or speaker system shall be allowed.
- I. Patio umbrella, if provided, shall be solid colors and shall not have any advertising in the form of signage or logos.
- J. All exterior mechanical, utility, and communication equipment shall be screened to the height of the tallest unit by parapet or screen wall that matches the architectural color and architectural finish of the building. Ground mounted mechanical, utility, and communication equipment shall be screened by a screen wall that matches the architectural color and architectural finish of the building, which is a minimum of 1'-0" higher than the highest point of tallest unit.
- K. All equipment, utilities or other appurtenances attached to the building shall be an integral part of the building design in terms of form, color and textures.
- L. No exterior visible ladders shall be allowed.
- M. All pole-mounted lighting shall be a maximum of 20 feet in height.
- N. No chain link fencing shall be allowed.
- O. No turf areas shall be provided.
- P. No native plants shall be removed or destroyed during the duration of construction.

Project Data

Tron Golf and Country Club - Renovation
 25000 N. Windy Walk Drive
 Scottsdale, Arizona 85255
 Contact: Garrett Wallace (gwallace@tron.com)

Applicant:
 Douglas Fredrikson Architects
 727 E. Bethany Home Road, Suite D-123
 Phoenix, Arizona 85014
 Phone: 602.277.1625
 Contact: Justin Pasternak (jpasternak@dfarchitects.com)

Parcel Information:
 R-1 43 ESL (H/D)
 217-02-012T
 Lot Size: 300,608 sqft

Building Data:
 Construction Type: IIIB
 Occupancy Type: Mixed Occupancy, Non-Separated, Fully-Sprinklered
 A-2, A-3, A-5, B, M, S-1, S-2

Existing Building Area
 Main Floor: 33,017 SF
 (8,146 SF of demo and new rebuild incl.)
 Lower Level Basement: 14,132 SF
 Subtotal: 47,149 SF

Proposed New Building Addition:
 Main Floor Expansion (A2): 951 SF net gain
 Upper Floor Addition (A3): 8,385 SF
 Subtotal: 9,336 SF

New Total Building SQFT: 56,485 SF

Building Height Summary:

Existing Max Building Height: 37'-0" (2-Story)
 (under previous approval)
 Proposed Building Height of Addition: 30'-0" (2-Story)
 (above original undeveloped grade)

Parking Calculations Summary:

C.O.S. Table 9.103.A Parking Requirements
 Original Parking Permitted per Case No. 96-BA-85:
 Main Building/Tennis/Pool: 139 Spaces
 1/ every 2 Tees Practice ranges, 45 Spaces
 4/ every/each green x 18 Holes => 72 Spaces
 Total = 193 Spaces

New Construction Parking Required:
 1 per 200 SF Gross Floor Area
 9,336 SF/200 SF = 47 Spaces

Grand Total Required Spaces = 240 Spaces
 Existing Parking: 244 Spaces
 ADA Existing: 7 Spaces
 Parking Required: 240 Spaces
 ADA Parking Required (4%): 10 Spaces
 Parking Provided: 242 Spaces
 ADA Parking Provided: 10 Spaces

Bicycle Parking Required: 240/10
 (1 per 10 required parking) 24 spaces
 Bicycle Parking Provided: 24 spaces
 (dispersed throughout at different uses)

Proposed Uses: Golf, Pro Shop, Dining, Locker Room, Fitness

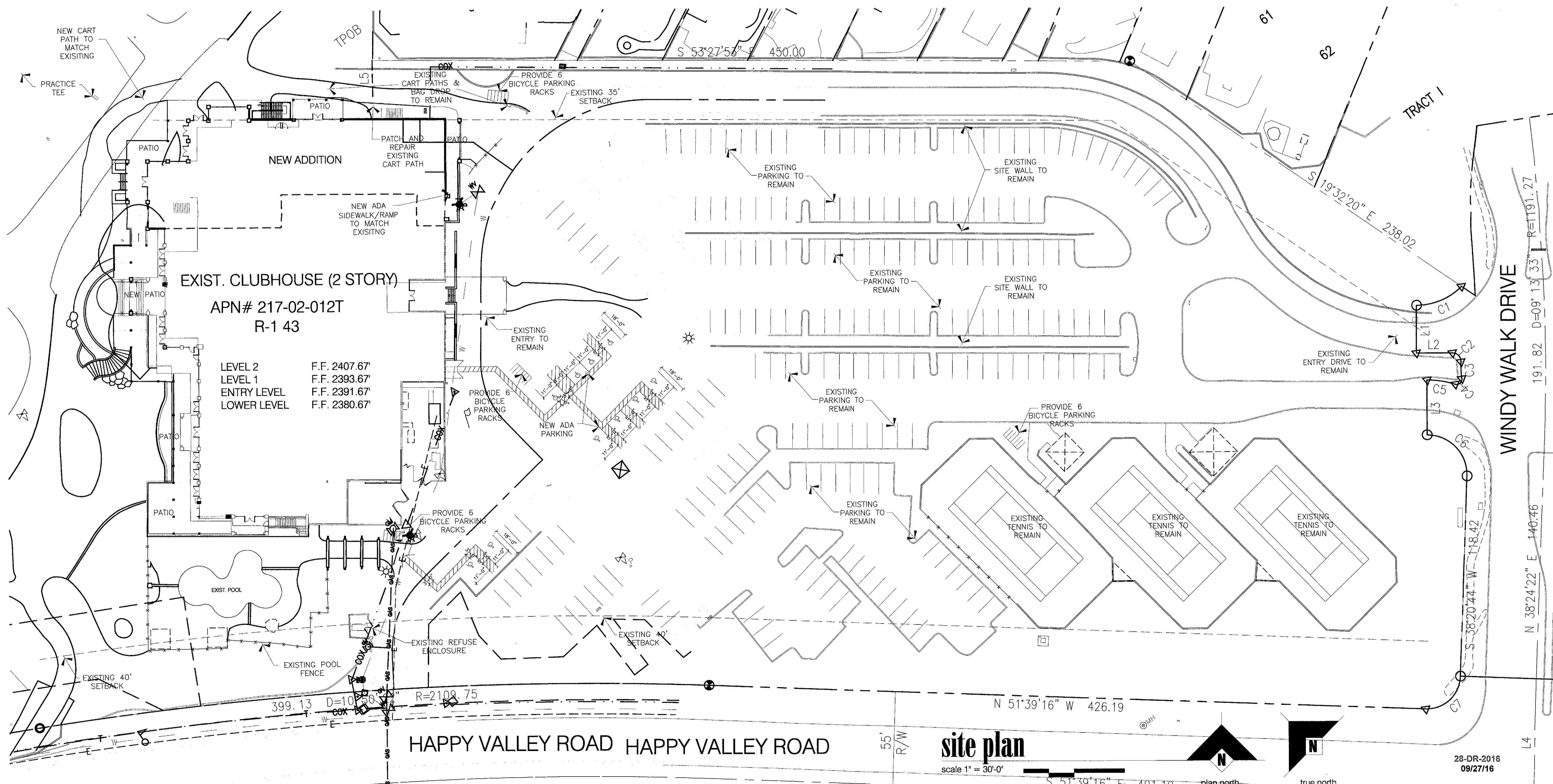
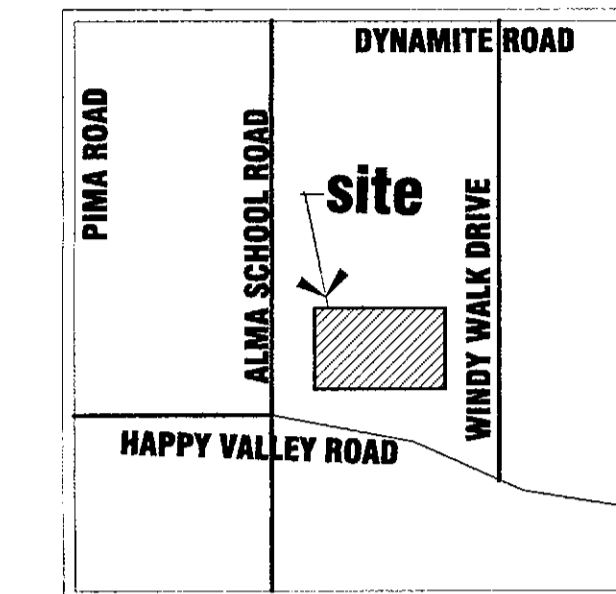
Fire Resistive Requirements Type IIIB

Structural Frame	0 HR	IBC Table 601
Exterior Bearing Walls	2 HR	IBC Table 601
Interior Bearing Walls	0 HR	IBC Table 601
Exterior Non-Bearing Walls X>30	0 HR	IBC Table 601, 602
Interior Non-Bearing Walls	0 HR	IBC Table 601
Floor Construction (Cart Level)	0 HR	IBC Table 601
Floor Construction (Lower Level)	0 HR	IBC Table 601
Floor Construction (Main Level)	0 HR	IBC Table 601
Roof Construction	0 HR	IBC Table 601

Project Narrative

Tron Golf & Country Club is an existing Club in North Scottsdale. Scope of work includes demolition of the north section of the existing club. In this same location, a new 2 story structure will be built with minor additional square footage added and will connect to the existing Club to remain. The new addition will replace men's locker rooms (bringing up to current ADA standards), Member's Grill and Pro Shop. A Fitness Room will be located on the second floor. Other Areas of the Club will receive new interior finishes, renovated dining rooms and administrative areas as tenant improvement work. The plumbing loads for the overall building will not be impacted with this addition and renovation and will not require a new or larger water meter. Bicycle parking has been distributed through the site to provide bicycle parking to each of the various activity centers of the Club including: main entry, pool entry, fitness entry and tennis courts.

Vicinity Map




APN# 217-02-012T
 R-1 43

LEVEL 2	F.F. 2407.67'
LEVEL 1	F.F. 2393.67'
ENTRY LEVEL	F.F. 2391.67'
LOWER LEVEL	F.F. 2380.67'


site plan
 scale 1" = 30'-0"

28-DR-2016
 09/27/16



TRON GOLF & COUNTRY CLUB RENOVATION

25000 NORTH WINDY WALK DRIVE
 SCOTTSDALE, ARIZONA

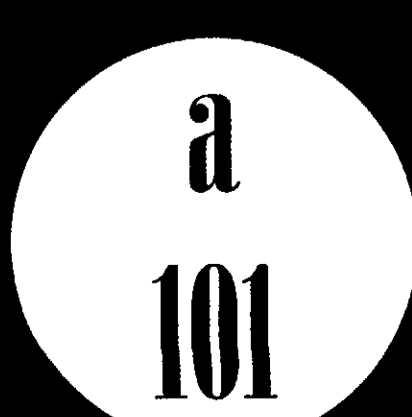


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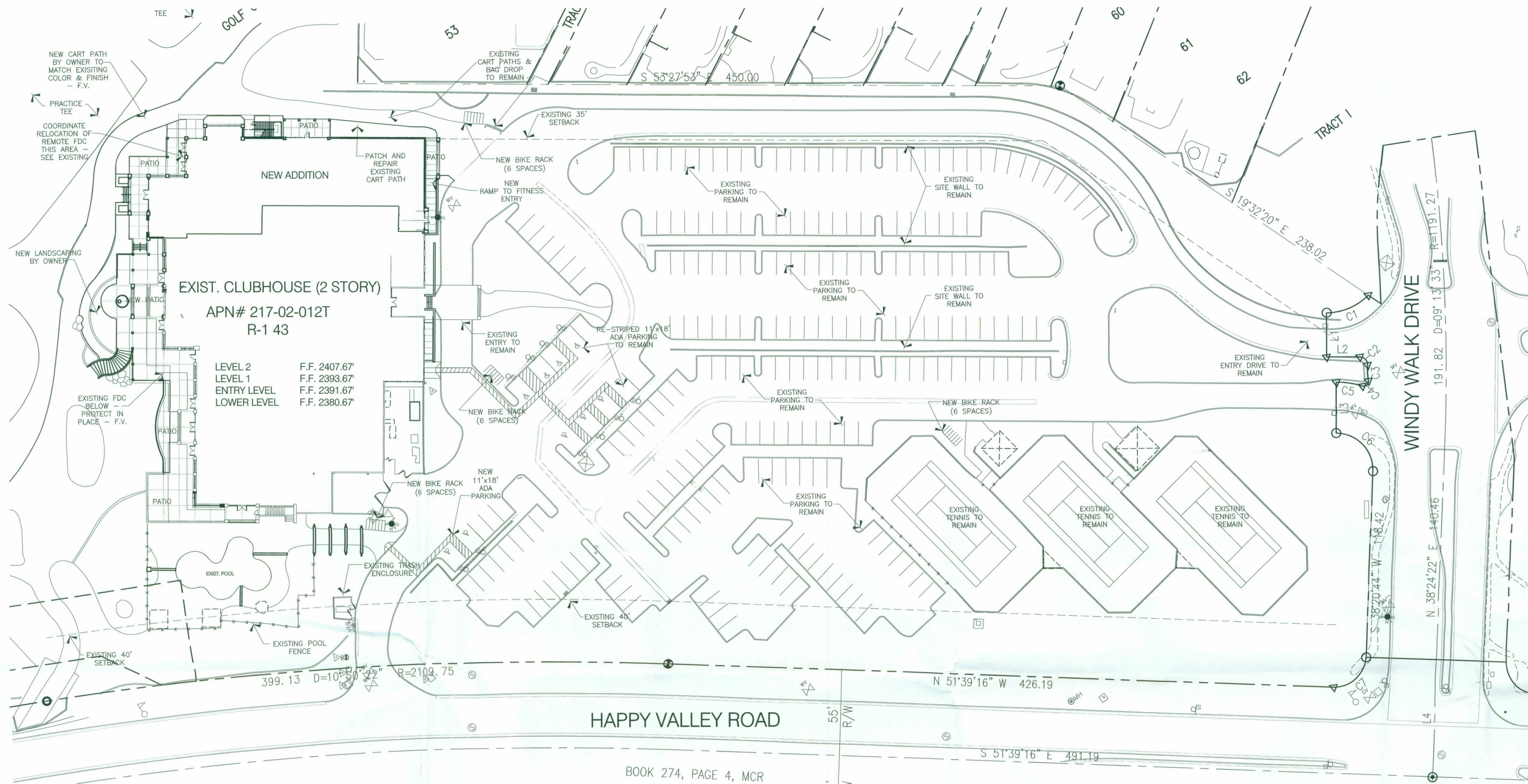
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15117
 site plan
 issue date
 03.07.16
 revisions

Plan Review By:
 Rick King (480) 812-2872
 omars.rking@scottsdaleaz.gov



C.O.S. DR Submittal-2nd
 09/19/2016



EXIST. CLUBHOUSE (2 STORY)
 APN# 217-02-012T
 R-1 43

LEVEL 2 F.F. 2407.67'
 LEVEL 1 F.F. 2393.67'
 ENTRY LEVEL F.F. 2391.67'
 LOWER LEVEL F.F. 2380.67'

HAPPY VALLEY ROAD

BOOK 274, PAGE 4, MCR

keynotes

General Notes

Note: Site / Hardscape Plan Sheet Keynotes Lists are identical. Keynote Lists may not appear on every sheet. Reference a Keynote List on another sheet if necessary.

0.0 Sitework - Existing Conditions / Demolition

- Existing
- 0.1 Existing Bay Drop
- 0.2 Existing Landscape Area
- 0.3 Existing Golf Course / Driving Range
- 0.4 Existing Golf Cart Path
- 0.5 Existing Golf Cart Staging
- 0.6 Existing Golf Clubhouse Building
- 0.7 Existing Tiled Walkway Porto Cochero
- 0.8 Existing Tiled Walkway and Drive
- 0.9 Existing Fire Department Connection
- 0.10 Existing Swimming Pool Deck and Enclosure
- 0.11 Existing Site Retaining Wall
- 0.12 Existing Site Wall
- 0.13 Existing Water Feature
- 0.14 Existing Entry Drive
- 0.15 Existing Drive Aisle
- 0.16 Existing Parking Spaces
- 0.17 Existing Parking Spaces (Accessible)
- 0.18 Existing Asphalt / Concrete Paving
- 0.19 Existing Concrete Drainage Structure
- 0.20 Existing Electrical Switchgear
- 0.21 Existing Electrical Transformer
- Demolition
- 0.22 Existing Golf Cart Path/Hardscape/Ramp to be demolished by GC. Coordinate with Owner for location of Debris for their use
- 0.23 Existing Golf Clubhouse Building to be demolished where indicated
- 0.24 Existing Landscape/Boulder Area to be demolished by GC. Coordinate with Owner for return of Boulders to Owner for their use
- 0.25 Existing Curb to be demolished for Construction of new Site Walls and Landscaping
- 0.26 Existing ADA parking, prep for re-striping/provide seal coat as required
- 0.27 Existing Tile to be removed and Demo Hardscape as required for New Stair/Ramp & Site Walls
- 0.28 Existing Hydrant to be Relocated in Immediate Area for New Site Walls and Ramp
- 0.29 Existing Golf Range to be demolished for New Cart Path. Coordinate with Owner
- 0.30 Line of New Construction Shown for Reference for Coordination with required demolition
- 0.31 Existing Fire Department Connection to be Relocated on New Building
- 0.32 Existing Curb and Hardscape to be demolished for new ADA Ramp
- 0.33 Existing Club signage to be demolished and returned to Owner

1.0 Sitework - Civil / Landscape New Construction

- 1.1 New Curb - Tie into Existing
- 1.2 not used
- 1.3 Planter Landscape Area, Landscaping by Owner
- 1.4 Landscape Area, Landscaping by Owner
- 1.5 New Cart Path by Owner - Match Existing Color and Finish, Coordinate with Existing Grades. Provide Separate cost to Owner for Consideration.
- 1.6 Relocation of existing Landscape planting, Irrigation and Lighting by Owner
- 1.7 Keystone Retaining Walls by Owner. Pad Prep for new Patios by GC
- 1.8 Landscape Boulders by Owner

2.0 Sitework - Architectural New Construction

- 2.1 Concrete Stair / Ramp on Grade, Concrete Integrally Colored / Match Existing color & finish - F.V. See Hardscape Plans / Details. See Structural Patios by GC. 4" Concrete Integrally Colored / Match Existing color & Finish - F.V. See Hardscape Plans / Details.
- 2.2 Concrete Paving Expansion Joint at 24'-0" OC max. See Hardscape Plans / Details.
- 2.3 Concrete Paving Control Joint 8'-0" OC maximum / Saw cut 1/8" thick maximum, typical, UNO. See Hardscape Plans / Details.
- 2.4 Accessible Parking Space / Side Aisle per ADA Standards.
- 2.5 Accessible Ramp, per ADA Standards. Demo as required.
- 2.6 Accessible Parking Sign per ADA Standards.
- 2.7 Bicycle Parking System.
- 2.8 Accessible Route striping per ADA Standards.
- 2.9 Westcoat Specialty Coating Systems Finish e/ New and Existing patios
- 2.10 Finish - See Details
- 2.11 Planter - See Details
- 2.12 Site Wall at Ramp and Planting Area - See Details
- 2.13 Replace Tile at Porto Cochero - Match Existing
- 2.14 Finish at Covered Entry as Selected by Interior Designer

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5438-16-2
APPROVED
 FINAL PLANS PLANNING
 1/10/17
 DATE APPROVED BY
 (28-DR-2016)



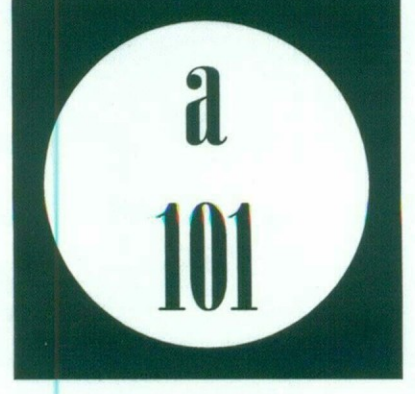
TROON COUNTRY CLUB
 CLUBHOUSE ADDITION AND RENOVATION
 SCOTTSDALE, ARIZONA
 25000 NORTH WINDY WALK DRIVE



Douglas Fredrikson Architects
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15117
site plan
issue date
11/07/2016
revisions

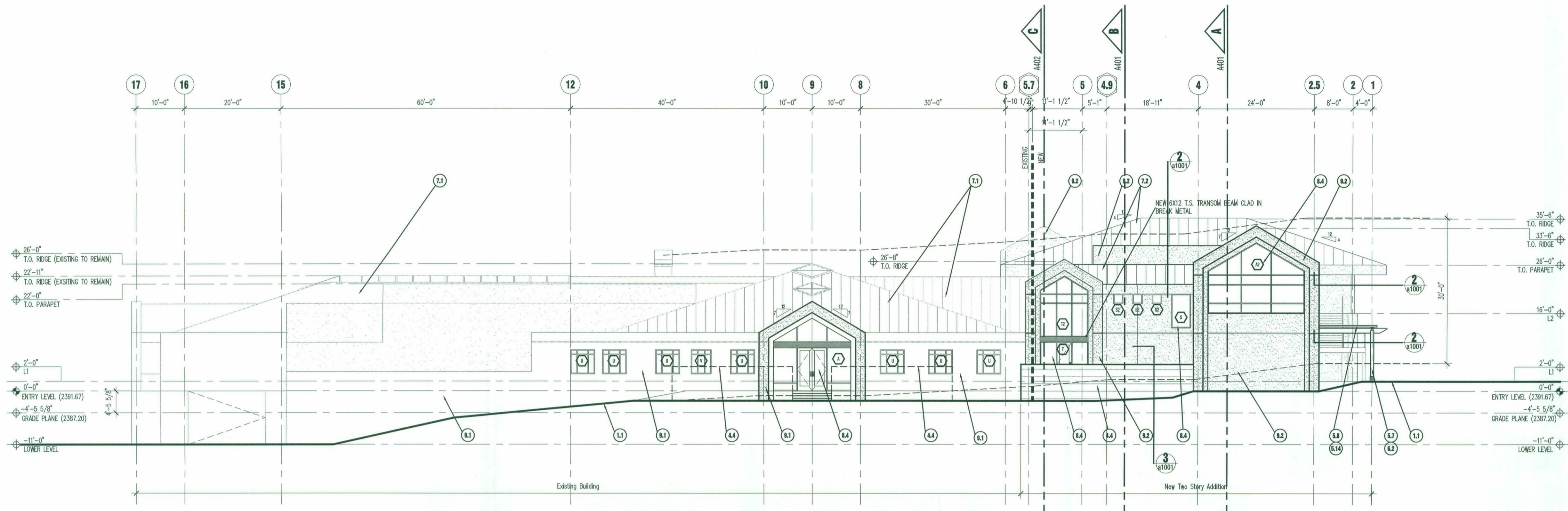


site development plan

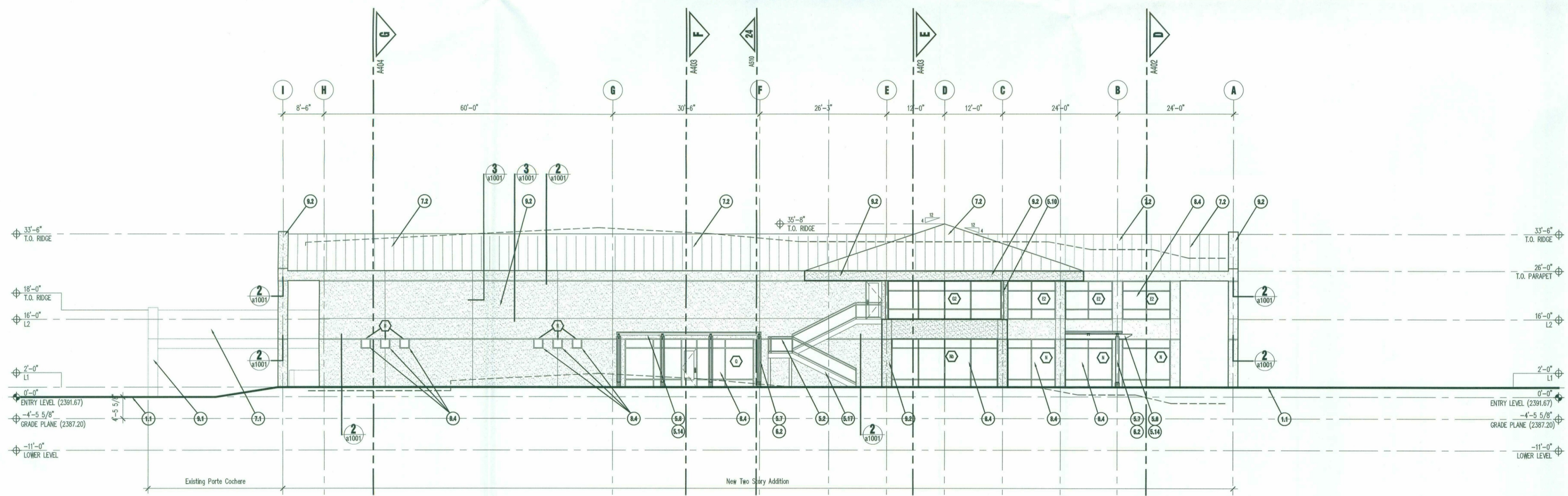
scale 1" = 30'-0"

0 15 30 60

plan north true north



east elevation



north elevation

5438-16-2
APPROVED
 FINAL PLANS PLANNING
 1/10/17
 DATE APPROVED BY
 (28-DR-2016)

elevations
 3/32" = 1'-0"

keynotes

General Notes

Note: Floor Plan, Reflected Ceiling Plan, Roof Plan, Building Elevations, Building Sections, and Wall Sections, Sheet Keynotes Lists are identical where required. Keynote Lists may not appear on every sheet. Reference a Keynote List on another sheet if necessary.

- 1.0 Sitework - Civil / Landscape
 - 1.1 Not Used.
 - 1.2 Rough/ Finish Grade, by Owner / Landscape Maintenance.
 - 1.3 Planter Landscape Area, by Owner / Landscape Maintenance.
 - 1.4 Landscape Area, by Owner / Landscape Maintenance.
- 2.0 Sitework - Architectural
 - 2.1 Concrete Stair / Ramp on Grade, Integrally Colored Davis Color (4Lbs). Match existing color and finish texture. See Structural.
 - 2.2 Patios / Sidewalks 4" Concrete Integrally Colored Davis Color (4Lbs) Match existing color and finish texture. See Structural.
- 3.0 Concrete
 - 3.1 Structural Concrete Slab on grade. See Structural.
 - 3.2 Structural Concrete / CMU Stem Wall. See Structural.
 - 3.3 Structural Concrete Footing / Turndown. See Structural.
 - 3.4 Structural Concrete / CMU Retaining Wall. See Structural.
 - 3.5 Structural Concrete Column Bases, Integrally Colored Davis Color (4Lbs). Match existing color and finish texture. See Structural.
 - 3.6 Structural Concrete Slab / Composite Metal Deck. See Structural.
 - 3.7 Expansion Joint backer material
- 4.0 Masonry
 - 4.1 CMU Masonry Bearing Wall. See Structural.
 - 4.2 CMU Masonry Site Wall. See Structural.
 - 4.3 Not Used.
 - 4.4 Mechanically attached Sandstone Veneer / Cladding, 2" thick maximum, 24" H maximum x 12" W maximum, "Pueblo", Honed finish.
- 5.0 Metals
 - 5.1 Existing Exterior Steel Guardrail / Handrail System to remain. Painted Dunn Edwards "Chocolate Chunk" LRV 10.
 - 5.2 Exterior Steel Guardrail / Handrail System to match existing. Painted Dunn Edwards "Chocolate Chunk" LRV 10.
 - 5.3 Interior Steel Guardrail / Handrail "Custom Design" Finishes Detailing / TBD.
 - 5.4 2" square Steel TS Guardrail / Handrail Post / Rail. Painted Dunn Edwards "Chocolate Chunk" LRV 10.
 - 5.5 1/2" square Steel Guardrail / Handrail Post / Rail. Painted Dunn Edwards "Chocolate Chunk" LRV 10.
 - 5.6 4" TS Steel Trelis Beam, Painted Dunn Edwards Chocolate Chunk LRV 10. See Structural.
 - 5.7 3 x 8 Steel Trelis Column / Channels (Paired), Painted Dunn Edwards Chocolate Chunk LRV 10. See Structural.
 - 5.8 4 x 6 Steel Angles (Paired) Trelis Beam Supports. Painted Dunn Edwards Chocolate Chunk LRV 10. See Structural.
 - 5.9 Structural Steel WF Column. See Structural.
 - 5.10 Structural Steel TS Column. See Structural.
 - 5.11 Structural Steel Pipe Column. See Structural.
 - 5.12 Structural Steel WF Beam. See Structural.
 - 5.13 Structural Steel TS Beam. See Structural.
 - 5.14 Corrugated/Perforated Metal Deck Painted Dunn Edwards Chocolate Chunk LRV 10. See Structural.
 - 5.15 Existing Column to remain. See structural.
 - 5.16 Existing Bearing Wall to remain. See Structural.
 - 5.17 Structural Metal Stud Joist. See Structural.
 - 5.18 2-1/2" / 3-5/8" Light Ga Metal Stud Framing At 24" OC. See Wall Types / Details.
 - 5.19 6" Light Gauge Metal Stud Furring At 24" OC. See Wall Types / Details.
 - 5.20 Performed Steel S Deck Trelis Sheathing. See Structural.
 - 5.21 Steel Stair Assembly. See Structural.
- 6.0 Wood
 - 6.1 Distressed Timber / Glu-lam Beam Stained (Weathered Gray) and Sealed. See Structural
 - 6.2 Distressed Timber Column Cladding (Paired) Stained (Weathered Gray) and Sealed. See Structural.
 - 6.3 Pre-fabricated Wood Parallel Chord / Scissor Truss. See Structural.
 - 6.4 Pre-fabricated Wood joist. See Structural.
 - 6.5 2 x Wood Framing / Over Framing. See Structural.
 - 6.6 Plywood Sheathing. See Structural.
 - 6.7 5/8" Plywood Sheathing (where Occurs) over 2 x Wood Blocking, Draft Stop @ 8'-0" A.F.F. Max.
 - 6.8 3 x Wood Top Plate / Ledger shape as required. See Structural
- 7.0 Thermal and Moisture Protection
 - 7.1 Existing Standing Seam Metal Roof System - "Copper" to remain.
 - 7.2 Standing Seam Metal Roof System - "Copper" weathered to match existing roof finish, sealed.
 - 7.3 Not Used.
 - 7.4 Slab on Grade at Interior Spaces to have 15 Mil PVC Under-Slab Vapor Barrier System.
 - 7.5 WR Grace Perma - Barrier - Fluid Applied Concealed Weather Resistive Barrier System, With Drainage Board, Continuous Over Gypsum Sheathing, At Exterior Walls With Mechanically Attached Sandstone Cladding or Drainage EFS System
 - 7.6 WR Grace Perma - Barrier Self-Adhered Flexible Flashing System At Top Of All Parapets, Vertical / Horizontal Material Transitions, And Window And Door Openings At Exterior Walls With Mechanically Attached Sandstone Cladding or Drainage EFS System
 - 7.7 Sprayed Polyurethane Foam Roofing System Over Gypsum Sheathing.
 - 7.8 Foil Faced Batt Insulation R 38 under Roof Deck and R 20 in Exterior Walls, Minimum.
 - 7.9 Metal Chimney Flue - "Copper" weathered to match existing roof finish, sealed.
 - 7.10 Parapet Cap - "Copper", weathered to match existing roof finish, sealed
 - 7.11 Parapet Cap - Galvanized Steel Painted to match Adjacent Materials. Sealed.
 - 7.12 Metal Flashing, "Copper" weathered to match existing roof finish, sealed. Finish, Sealed.
 - 7.13 Flashing - Galvanized Steel, Painted to match Adjacent Materials. Sealed.
 - 7.14 Acoustical Insulation Batt. Assembly to Provide STC Rating of 50 or Better.
 - 7.15 4" Metal Ventilation Sced.
- 8.0 Doors And Windows
 - 8.1 Existing Aluminum / Glass Storefront Window / Door System to remain.
 - 8.2 Insulated Aluminum / Glass Storefront Window / Door System, Dark Bronze Anodized Aluminum, Thermal Break, W/ Expansion Receivers. Exterior Glazing, Solarban 60, with solar gray low-e coating, U-Value = 27, SHGC - .28.
 - 8.3 Insulated Aluminum / Glass Stacking Door System. Dark Bronze Anodized, Thermal Break, W/ Expansion Receivers. Exterior Glazing, Solarban 60, with solar gray low-e coating, U-Value = 27, SHGC - .28.
 - 8.4 Metal Sill Flashing / Trim to Match Aluminum Storefront System, by Window Manufacturer.
 - 8.5 Aluminum Break Metal Cladding, Dark Bronze Anodized, To Match Window System, Thermally Insulate as required.
 - 8.6 Custom Wood / Glass Entry Doors, as scheduled.
 - 8.7 Hollow metal Door and Frame, as scheduled.
 - 8.8 Interior Doors / Windows, as Scheduled.
- 9.0 Finishes
 - 9.1 Drainage EFS System Prims Base Coat with Two Coat natural Color Finish Coat. "Base Color" - Painted Dunn Edwards Wooden Peg, DER215 LRV 31.
 - 9.2 2" / 1/4" Pre-fabricated Metal Stucco Reveal, painted to match adjacent surface, caulk as required for watertight installation
 - 9.3 Suspended Gypsum Board / Suspended Acoustical Ceiling System. See Interior Design For Finish.
 - 9.4 1/2" Exterior Gypsum Board Sheathing (Wall / Roof).
 - 9.5 5/8" Gypsum Board (Interior). Unless specifically noted otherwise for Water / Fire Resistive Assemblies. See Wall Types / Details.
 - 9.6 See Interior Finish Schedule / Interior Elevations / Details for Material And Finish. (Interiors).
 - 9.7 1" GFRG Sheathing as Blocking (Fireplaces).
 - 9.8 Backer Rod and Sealant, Match Adjacent Color.
 - 9.9 Drainage EFS System Prims Base Coat with two Coat natural Color Finish Coat. "Accent Color" Painted Dunn Edwards - Match "Sandstone Veneer / Cladding" material.
 - 9.10 Patch existing EFS System Per Manufacturers recommendations. Painted to Match "Base Color" Dunn Edwards "Wooden Peg", DER215 LRV 31. Coordinate all waterproofing details as required.
 - 9.11 Westcoat Specialty Concrete Floor Coating System Over Existing Concrete Paving.
- 10.0 Specialties
 - 10.1 Prefabricated Roof Hatch Assembly 2'-0" X 2'-6", w/ Ladder and accessories for complete installation.
- 11.0 Equipment
 - 11.1 Contractor provided / contractor installed Clock Assembly. Owner / Architect to specify. TBD.
- 12.0 Mechanical
 - 12.1 Rooftop Mechanical Equipment. See Mechanical.
- 13.0 Plumbing
 - 13.1 Not Used.
- 14.0 Electrical
 - 14.1 Light Fixture. See Electrical.
 - 14.2 Electrical Conduit Exposed, Architectural Installation. Painted Dunn Edwards "Chocolate Chunk" LRV 10. See Electrical.
 - 14.3 Electrical Conduit, "Conduit Style" 90 Degree Transition, Painted Dunn Edwards "Chocolate Chunk" LRV 10. See Electrical.
 - 14.4 Electrical Conduit, "Pancake J Box Painted Dunn Edwards "Chocolate Chunk" LRV 10. See Electrical.
- 15.0 Miscellaneous
 - 15.1 Interiors Construction Beyond Shown For Context Only. See Interior Elevations / Design And Details For More Information.
 - 15.2 Millwork Item. See Interior Elevations / Design And Details For More Information.
 - 15.3 Line of Existing Construction. Verify in Field.

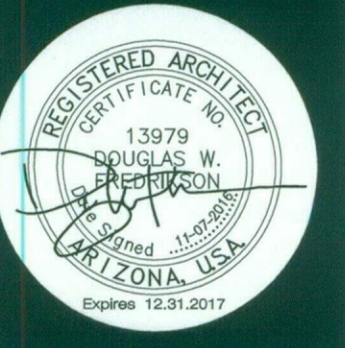
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15117
 elevations
 issue date
 11.07.2016
 revisions

a
301



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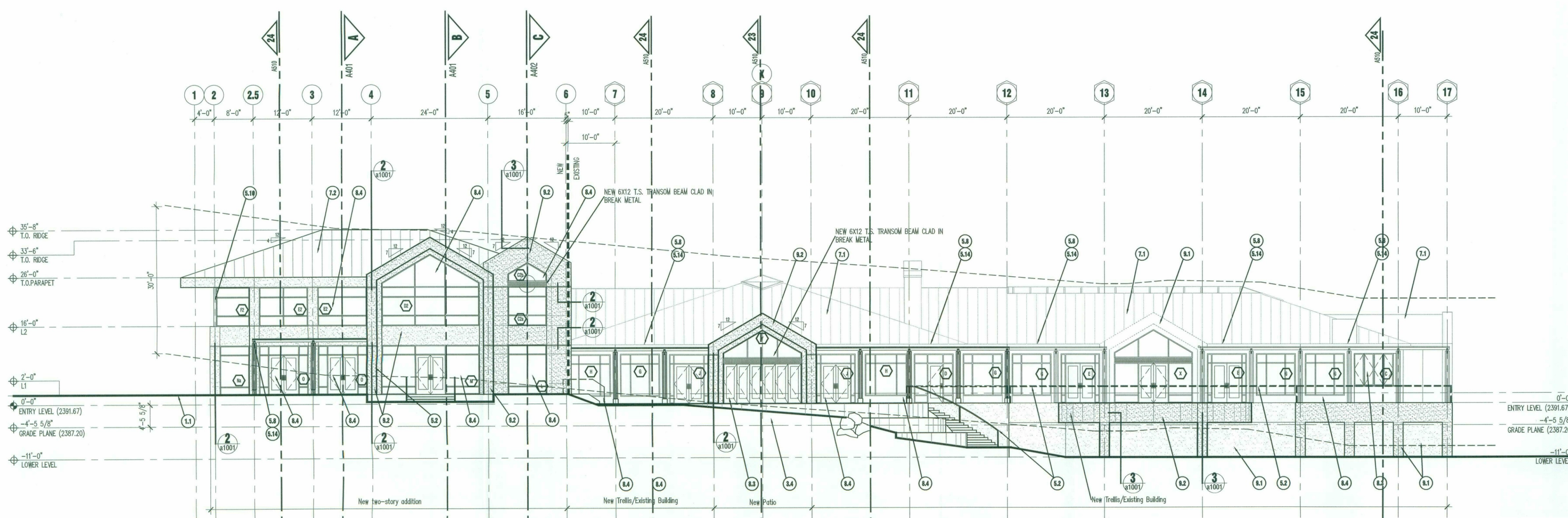
15117
elevation
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revisions

keynotes

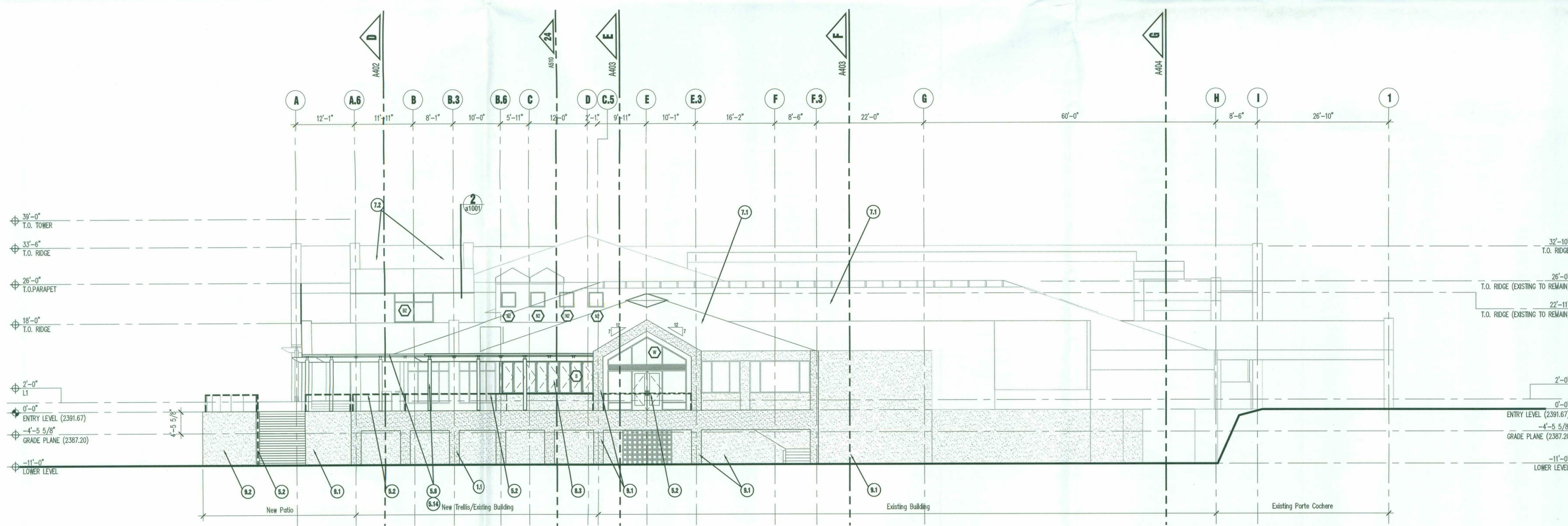
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- 4.0 Masonry
 - 4.1 CMU Masonry Bearing Wall. See Structural.
 - 4.2 CMU Masonry Site Wall. See Structural.
 - 4.3 Not Used.
 - 4.4 Mechanically attached Sandstone Veneer / Cladding, 2" thick maximum, 24" H maximum x 12" W maximum, "Pueblo", Honed finish.
- 5.0 Metals
 - 5.1 Existing Exterior Steel Guardrail / Handrail System to remain. Painted Dunn Edwards "Chocolate Chunk" LRV 10.
 - 5.2 Exterior Steel Guardrail / Handrail System to match existing. Painted Dunn Edwards "Chocolate Chunk" LRV 10.
 - 5.3 Interior Steel Guardrail / Handrail "Custom Design" Finishes Detailing / TBD.
 - 5.4 2" square Steel Guardrail / Handrail Post / Rail. Painted Dunn Edwards "Chocolate Chunk" LRV 10.
 - 5.5 1/2" square Steel Guardrail / Handrail Post / Picket. Painted Dunn Edwards "Chocolate Chunk" LRV 10.
 - 5.6 4" TS Steel Trellis Beam, Painted Dunn Edwards Chocolate Chunk LRV 10. See Structural.
 - 5.7 3 x 8 Steel Trellis Column / Channels (Paired), Painted Dunn Edwards Chocolate Chunk LRV 10. See Structural.
 - 5.8 4 x 6 Steel Angles (Paired) Trellis Beam Supports. Painted Dunn Edwards Chocolate Chunk LRV 10. See Structural.
 - 5.9 Structural Steel WF Column. See Structural.
 - 5.10 Structural Steel TS Column. See Structural.
 - 5.11 Structural Steel Pipe Column. See Structural.
 - 5.12 Structural Steel WF Beam. See Structural.
 - 5.13 Structural Steel TS Beam. See Structural.
 - 5.14 Corrugated/Perforated Metal Deck Painted Dunn Edwards Chocolate Chunk LRV 10. See Structural.
 - 5.15 Existing Column to remain. See Structural.
 - 5.16 Existing Bearing Wall to remain. See Structural.
 - 5.17 Structural Metal Stud Joist. See Structural.
 - 5.18 2x1/2" / 3-5/8" Light Ga Metal Stud Framing At 24" OC. See Wall Types / Details.
 - 5.19 6" Light Gauge Metal Stud Framing At 24" OC. See Wall Types / Details.
 - 5.20 Performed Steel S Deck Trellis Sheathing. See Structural.
 - 5.21 Steel Stair Assembly. See Structural.
- 6.0 Wood
 - 6.1 Distressed Timber / Glu-lam Beam Stained (Weathered Gray) and Sealed. See Structural.
 - 6.2 Distressed Timber Column Cladding (Paired) Stained (Weathered Gray) and Sealed. See Structural.
 - 6.3 Pre-fabricated Wood Parallel Chord / Scissor Truss. See Structural.
 - 6.4 Pre-fabricated Wood Joist. See Structural.
 - 6.5 2 x Wood Framing / Over Framing. See Structural.
 - 6.6 Plywood Sheathing. See Structural.
 - 6.7 5/8" Plywood Sheathing (where Occurs) over 2 x Wood Blocking, Draft Stop @ 8'-0" A.F.F. Max.
 - 6.8 3 x Wood Top Plate / Ledger shape as required. See Structural.
- 7.0 Thermal and Moisture Protection
 - 7.1 Existing Standing Seam Metal Roof System - "Copper" to remain.
 - 7.2 Standing Seam Metal Roof System - "Copper" weathered to match existing roof finish, sealed.
 - 7.3 Not Used.
 - 7.4 Slab on Grade at Interior Spaces to have 15 Mil PVC Under-Slab Vapor Barrier System.
 - 7.5 WR Grace Perma - Barrier - Fluid Applied Concealed Weather Resistant Barrier System, With Drainage Board, Continuous Over Gypsum Sheathing. At Exterior Walls With Mechanically Attached Sandstone Cladding or Drainage EFS System
 - 7.6 WR Grace Perma - Barrier Self-Adhered Flexible Flashing System At Top Of All Parapets, Vertical / Horizontal Material Transitions, And Window And Door Openings At Exterior Walls With Mechanically Attached Sandstone Cladding or Drainage EFS System
 - 7.7 Sprayed Polyurethane Foam Roofing System Over Gypsum Sheathing.
 - 7.8 Full faced Batt Insulation R 13 under Roof Deck and R 20 to Exterior Walls. Minimum.
 - 7.9 Metal Chimney Flue - "Copper" weathered to match existing roof finish, sealed.
 - 7.10 Parapet Cap - "Copper", weathered to match existing roof finish, sealed.
 - 7.11 Parapet Cap - Galvanized Steel Painted to match adjacent materials. Sealed.
 - 7.12 Metal Flashing, "Copper" weathered to match existing roof finish, sealed. Finish, Sealed.
 - 7.13 Flashing - Galvanized Steel. Painted to match adjacent materials. Sealed.
 - 7.14 Acoustical Insulation Batt. Assembly to Provide STC Rating of 50 or Better.
 - 7.15 4" Metal Ventilation Screen.
- 8.0 Doors And Windows
 - 8.1 Existing Aluminum / Glass Storefront Window / Door System to remain.
 - 8.2 Insulated Aluminum / Glass Storefront Window / Door System, Dark Bronze Anodized Aluminum, Thermal Break, W/ Expansion Receivers, Exterior Glazing, Solarban 60, with solar gray low-e coating, U-Value = .27, SHGC = .28.
 - 8.3 Insulated Aluminum / Glass Storefront Door System, Dark Bronze Anodized, Thermal Break, W/ Expansion Receivers, Exterior Glazing, Solarban 60, with solar gray low-e coating, U-Value = .27, SHGC = .28.
 - 8.4 Metal Sill Flashing / Trim to Match Aluminum Storefront System, by Window Manufacturer.
 - 8.5 Aluminum Break Metal Cladding, Dark Bronze Anodized, To Match Window System, Thermally Insulate as required.
 - 8.6 Custom Wood / Glass Entry Doors, as scheduled.
 - 8.7 Hollow metal Door and Frame, as scheduled.
 - 8.8 Interior Doors / Windows, as scheduled.
- 9.0 Finishes
 - 9.1 Drainage EFS System Primus Base Coat with Two Coat natural Color Finish Coat. "Base Color" - Painted Dunn Edwards Wooden Peg, DER215 LRV 31.
 - 9.2 2" / 1/4" Pre-fabricated Metal Stucco Reveal, painted to match adjacent surface, caulk as required for watertight installation
 - 9.3 Suspended Gypsum Board / Suspended Acoustical Ceiling System. See Interior Design For Finish.
 - 9.4 1/2" Exterior Gypsum Board Sheathing (Wall / Roof).
 - 9.5 5/8" Gypsum Board (Interior). Unless specifically noted otherwise for Water / Fire Resistive Assemblies. See Wall Types / Details.
 - 9.6 See Interior Finish Schedule / Interior Elevations / Details for Material And Finish. (Interiors).
 - 9.7 1" GFRG Sheathing as Blocking (Fireplaces).
 - 9.8 Backer Rod and Sealant, Match Adjacent Color.
 - 9.9 Drainage EFS System Primus Base Coat with two Coat natural Color Finish Coat. "Accent Color" Painted Dunn Edwards - Match "Sandstone Veneer / Cladding" material.
 - 9.10 Finish existing EFS System Per Manufacturers recommendations. Painted to Match "Base Color" Dunn Edwards "Wooden Peg", DER215 LRV 31. Coordinate all waterproofing details as required.
 - 9.11 Westcoat Specialty Concrete Floor Coating System Over Existing Concrete Paving.
- 10.0 Specialties
 - 10.1 Prefabricated Roof Hatch Assembly 2'-0" X 2'-6". w/ Ladder and accessories for complete installation.
- 11.0 Equipment
 - 11.1 Contractor provided / contractor Installed Clock Assembly. Owner / Architect to specify. TBD.
- 12.0 Mechanical
 - 12.1 Rooftop Mechanical Equipment. See Mechanical.
- 13.0 Plumbing
 - 13.1 Not Used.
- 14.0 Electrical
 - 14.1 Light Fixture, See Electrical.
 - 14.2 Electrical Conduit Exposed, Architectural Installation, Painted Dunn Edwards "Chocolate Chunk" LRV 10. See Electrical.
 - 14.3 Electrical Conduit, "Conduit Style" 90 Degree Transition, Painted Dunn Edwards "Chocolate Chunk" LRV 10. See Electrical.
 - 14.4 Electrical Conduit, "Pancake J Box Painted Dunn Edwards "Chocolate Chunk" LRV 10. See Electrical.
- 15.0 Miscellaneous
 - 15.1 Markers Construction Beyond Shown For Context Only. See Interior Elevations / Design And Details For More Information.
 - 15.2 Network Run. See Interior Elevations / Design And Details For More Information.
 - 15.3 Line of Existing Construction. Verify In Field.



west elevation



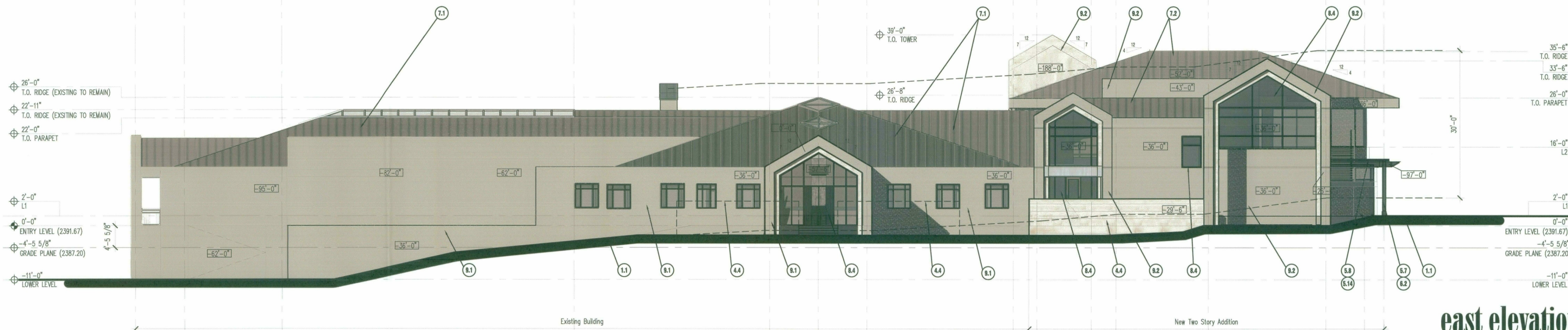
south elevation

5438-16.2
APPROVED
FINAL PLANS PLANNING
11/01/17
DATE APPROVED BY
(28-DR-2016)

elevations

3/32" = 1'-0"

17 16 15 12 10 9 8 6 5.7 5 4.9 4 2.5 2 1
 10'-0" 20'-0" 60'-0" 40'-0" 10'-0" 10'-0" 30'-0" 4'-10 1/2" 11'-1 1/2" 5'-1" 18'-11" 24'-0" 8'-0" 4'-0"



east elevation



north elevation

keynotes

General Notes

Note: Floor Plan, Reflected Ceiling Plan, Roof Plan, Building Elevations, Building Sections, and Wall Sections, Sheet Keynotes Lists are identical where required. Keynote Lists may not appear on every sheet. Reference a Keynote List on another sheet if necessary.

1.0 Sitework - Civil /Landscape

- 1.1 Existing Finish Grade to remain.
- 1.2 Rough/ Finish Grade, See Civil / Landscape.
- 1.3 Planter Landscape Area, See Landscape.
- 1.4 Landscape Area, See Landscape.

2.0 Sitework - Architectural

- 2.1 Concrete Stair / Ramp on Grade, Integrally Colored Davis Color (4Lbs) with Medium Broom Finish or Exposed Aggregate. See Hardscape Plans / Details. See Structural.
- 2.2 Patios / Sidewalks 4" Concrete Integrally Colored Davis Color (4Lbs) with Medium Broom Finish or Exposed Aggregate. See Hardscape Plans / Details.

3.0 Concrete

- 3.1 Structural Concrete Slab on grade. See Structural.
- 3.2 Structural Concrete Stem Wall. See Structural.
- 3.3 Structural Concrete Footing / Turndown. See Structural.
- 3.4 Structural Concrete Retaining Wall, EIFS Two Coat natural Color Finish, Painted Dunn Edwards Wooden Peg, DE6215 LRV 31. See Structural.
- 3.5 Structural Concrete Column Bases, Integrally Colored Solomon Colors "Buckwheat" (4Lbs). See Structural.
- 3.6 Structural Concrete Slab / Composite Metal Deck. See Structural.

4.0 Masonry

- 4.1 CMU Masonry Bearing Wall. See Structural.
- 4.2 CMU Masonry Site Wall. See Structural.
- 4.3 Pre-fabricated Masonry Fireplaces Isokern. Magnum Series Model TBD, See Interior Design for detailing and Finishes.
- 4.4 Mechanically attached Sandstone Veneer / Cladding, 2" thick maximum, 24" H maximum x 12" W maximum, "Pueblo", Honed finish.

5.0 Metals

- 5.1 Existing Exterior Steel Guardrail / Handrail System to remain. Painted Dunn Edwards "Chocolate Chunk" LRV 10.
- 5.2 Exterior Steel Guardrail / Handrail System to match existing. Painted Dunn Edwards "Chocolate Chunk" LRV 10.
- 5.3 Interior Steel Guardrail / Handrail "Custom Design" Finishes Detailing / TBD.

- 5.4 2" square Steel TS Guardrail / Handrail Post / Rail. Painted Dunn Edwards "Chocolate Chunk" LRV 10.
- 5.5 1/2" square Steel Guardrail / Handrail Post / Picket. Painted Dunn Edwards "Chocolate Chunk" LRV 10.
- 5.6 4" TS Steel Trellis Beam, Painted Dunn Edwards Chocolate Chunk LRV 10, See Structural.
- 5.7 3 x 8 Steel Trellis Column / Channels (Paired), Painted Dunn Edwards Chocolate Chunk LRV 10, See Structural.
- 5.8 4 x 6 Steel Angles (Paired) Trellis Beam Supports. Painted Dunn Edwards Chocolate Chunk LRV 10, See Structural.
- 5.9 Structural Steel WF Column, See Structural.
- 5.10 Structural Steel TS Column, See Structural.
- 5.11 Structural Steel PIPE Column, See Structural.
- 5.12 Structural Steel WF Beam, See Structural.
- 5.13 Structural Steel TS Beam, See Structural.
- 5.14 Corrugated/Perforated Metal Deck Painted Dunn Edwards Chocolate Chunk LRV 10, See Structural.
- 5.15 Pre-fabricated Metal Truss, See Structural.
- 5.16 Pre-fabricated Steel Joist, See Structural.
- 5.17 Structural Metal C Joist, See Structural.
- 5.18 3-5 / 8" Light Ga Metal Stud Framing At 24" OC. See Wall Types / Details.
- 5.19 6" Light Gauge Metal Stud Furring At 24" OC. See Wall Types / Details.
- 6.0 Wood
- 6.1 Distressed Timber / Glu-lam Beam Stained (Weathered Gray) and Sealed, See Structural
- 6.2 Distressed Timber Column Cladding (Paired) Stained (Weathered Gray) and Sealed, See Structural.
- 6.3 Pre-fabricated Wood Truss, See Structural.
- 6.4 Pre-fabricated Wood joist, See Structural.
- 6.5 Wood Joist, See Structural.
- 6.6 Plywood Sheathing, See Structural.
- 6.7 1/2" Plywood Sheathing (where Occurs) over 2 x Wood Blocking, Draft stop.
- 7.0 Thermal and Moisture Protection
- 7.1 Existing Standing Seam Metal Roof System - "Copper" to remain.
- 7.2 Standing Seam Metal Roof System - "Copper" weathered to match existing roof finish, sealed.
- 7.3 Split Structural Slab Balcony Deck / Site Retaining Walls to have American Hydrotech Hot Fluid Applied Membrane Waterproofing System / Protection Board, And Weep Holes As Required To Provide Appropriate Drainage.
- 7.4 Slab on Grade at Interior Spaces to have 15 Mil PVC Under-Slab Vapor Barrier System.
- 7.5 WR Grace Perma - Barrier - Fluid Applied Concealed Weather Resistant Barrier System, With Drainage Board, Continuous Over Gypsum Sheathing, At Exterior Walls With Mechanically Attached Sandstone Cladding or Drainage EIFS System
- 7.6 WR Grace Perma - Barrier Self-Adhered Flexible Flashing System At Top Of All Parapets, Vertical / Horizontal Material Transitions, And Window And Door Openings At Exterior Walls With Mechanically Attached Sandstone Cladding or Drainage EIFS System

- 7.7 "Sarnifill" PVC Membrane Roof System , Over 1 Layer Of Isocyanurate Roof Sheathing, With 1 / 4" PLF Minimum Slope. Roof Crickets As Indicated /And Or / As Required To Provide Appropriate Roof Drainage.
- 7.8 Foil Faced Batt Insulation R 38 under Roof Deck and R 20 in Exterior Walls, Minimum.
- 7.9 Metal Chimney Flue - "Copper" weathered to match existing roof finish, sealed.
- 7.10 Parapet Cap-, "Copper", weathered to match existing roof finish, sealed.
- 7.11 Parapet Cap- Galvanized Steel Painted to match Adjacent Materials. Sealed.
- 7.12 Metal Flashing, "Copper" weathered to match existing roof finish, sealed. Finish, Sealed.
- 7.13 Flashing - Galvanized Steel, "Painted to match Adjacent Materials. Sealed.
- 7.14 Pre-Fabricated Roof Drain / Overflow Assembly, See Plumbing.
- 8.0 Doors And Windows
- 8.1 Existing Aluminum / Glass Storefront Window / Door System to remain.
- 8.2 Insulated Aluminum / Glass Storefront Window / Door System, Dark Bronze Anodized Aluminum, Thermal Break, W/ Expansion Receivers. Exterior Glazing, Solarban 60, with solar gray low-e coating, U- Value = .27, SHGC - .28.
- 8.3 Insulated Aluminum Clad Wood / Glass Stacking Door System. Dark Bronze Anodized, Thermal Break, W/ Expansion Receivers. Exterior Glazing, Solarban 60, with solar gray low-e coating, U- Value = .27, SHGC - .28.
- 8.4 Insulated Aluminum Clad Wood / Glass Storefront Window / Door System, Dark Bronze Anodized Aluminum, Thermal Break, W/ Expansion Receivers. Exterior Glazing Solarban 60 with solar gray low-e coating, U- Value = .27, SHGC - .28.
- 8.5 Aluminum Break Metal Cladding, Dark Bronze Anodized, To Match Window System, Thermally Insulate as required.
- 8.6 Custom Wood / Glass Entry Doors, as scheduled.
- 8.7 Hollow metal Door and Frame , as scheduled.
- 8.8 Interior Doors / Windows, as Scheduled.
- 9.0 Finishes
- 9.1 Existing Drainage EIFS System to remain. Painted Dunn Edwards Wooden Peg, DE6215 LRV 31.
- 9.2 Drainage EIFS System Primus Base Coat with Two Coat natural Color Finish. Painted Dunn Edwards Wooden Peg, DE6215 LRV 31.
- 9.3 1" Pre-fabricated Metal Stucco Reveal, painted to match adjacent surface, caulk as required for watertight installation
- 9.4 Suspended Gypsum Board Ceiling System. See Interior Design For Finish.
- 9.5 1/2" Gypsum Board Sheathing (Exterior).
- 9.6 1/2" Gypsum Board (Interior).
- 9.7 See Interior Finish Schedule / Interior Elevations / Details for Material And Finish. (Interiors).
- 9.8 1" GFRG Sheathing as Blocking (Fireplaces).
- 9.9 Backer Rod and Sealant, Match Adjacent Color.

10.0 Specialties

- 10.1 Prefabricated Roof Hatch Assembly 2'-0" X 2'-6". w/ Ladder and accessories for complete installation.

11.0 Equipment

- 11.1 Contractor provided / contactor installed Clock Assembly. Owner / Architect to specify. TBD.

12.0 Mechanical

- 12.1 Rooftop Mechanical Equipment. See Mechanical.
- 12.2 Mechanical Ductwork. See Mechanical.

13.0 Plumbing

- 13.1 Fire Protection Line Location, See Deferred Submittal By General Contractor, Fore Protection Subcontractor.

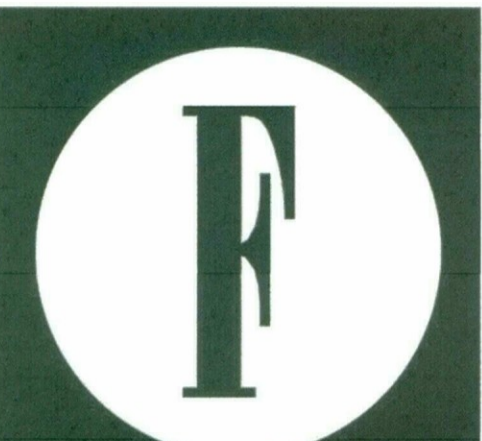
14.0 Electrical

- 14.1 Light Fixture, See Electrical.
- 14.2 Electrical Conduit Exposed, Architectural Installation, Paint To Match Painted To Match Firestone "Medium Bronze" Finish, Sealed. See Electrical.
- 14.3 Electrical Conduit, "Condulet Style" 90 Degree Transition, Paint To Match Painted To Match Firestone "Medium Bronze" Finish, Sealed. See Electrical.
- 14.4 Electrical Conduit, "Pancake J Box Painted To Match Firestone "Medium Bronze" Finish, Sealed. See Electrical.
- 15.0 Miscellaneous
- 15.1 Interiors Construction Beyond Shown For Context Only. See Interior Elevations / Design And Details For More Information.
- 15.2 Millwork Item. See Interior Elevations / Design And Details For More Information.

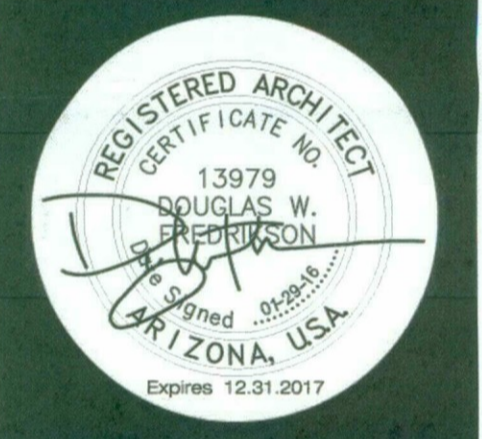
elevations

3/32" = 1'-0"

28-DR-2016
09/27/16



TRON GOLF & COUNTRY CLUB
 RENOVATION
 25000 NORTH WINDY WALK DRIVE
 SCOTTSDALE, ARIZONA

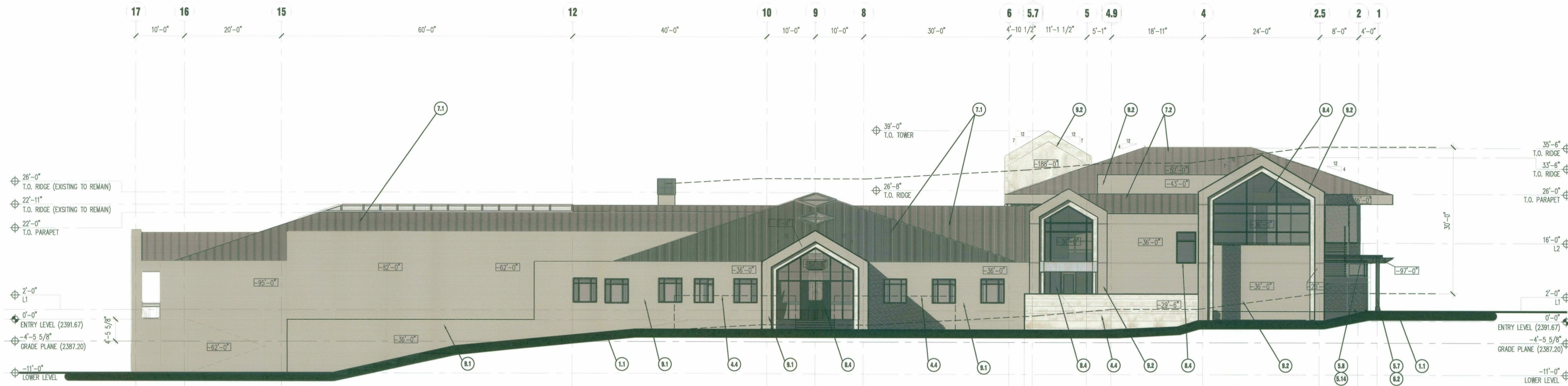


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15117
elevations
issue date
03.07.16
revisions





east elevation



north elevation

keynotes

- General Notes**
- Note: Floor Plan, Reflected Ceiling Plan, Roof Plan, Building Elevations, Building Sections, and Wall Sections, Sheet Keynotes Lists are identical where required. Keynote Lists may not appear on every sheet. Reference a Keynote List on another sheet if necessary.
- 1.0 Sitework - Civil/Landscape**
- Existing Finish Grade to remain.
 - Rough/ Finish Grade, See Civil / Landscape.
 - Planter Landscape Area, See Landscape.
 - Landscape Area, See Landscape.
- 2.0 Sitework - Architectural**
- Concrete Stair / Ramp on Grade, Integrally Colored Davis Color (4Lbs) with Medium Broom Finish or Exposed Aggregate. See Hardscape Plans / Details. See Structural.
 - Patios / Sidewalks 4" Concrete Integrally Colored Davis Color (4Lbs) with Medium Broom Finish or Exposed Aggregate. See Hardscape Plans / Details.
- 3.0 Concrete**
- Structural Concrete Slab on grade. See Structural.
 - Structural Concrete Stem Wall. See Structural.
 - Structural Concrete Footing / Turndown. See Structural.
 - Structural Concrete Retaining Wall, EIFS Two Coat natural Color Finish, Painted Dunn Edwards Wooden Peg, DE8215 LRV 31. See Structural.
 - Structural Concrete Column Bases, Integrally Colored Solomon Colors "Buckwheat" (4Lbs). See Structural.
 - Structural Concrete Slab / Composite Metal Deck. See Structural.
- 4.0 Masonry**
- CMU Masonry Bearing Wall. See Structural.
 - CMU Masonry Site Wall. See Structural.
 - Pre-fabricated Masonry Fireplaces totem. Magnum Series Model TBD, See Interior Design for detailing and Finishes.
 - Mechanically attached Sandstone Veneer / Cladding, 2" thick maximum, 24" H maximum x 12" W maximum, "Pueblo", Honed finish.
- 5.0 Metals**
- Existing Exterior Steel Guardrail / Handrail System to remain. Painted Dunn Edwards "Chocolate Chunk" LRV 10.
 - Exterior Steel Guardrail / Handrail System to match existing. Painted Dunn Edwards "Chocolate Chunk" LRV 10.
 - Interior Steel Guardrail / Handrail "Custom Design" Finishes Detailing / TBD.

- 2" square Steel TS Guardrail / Handrail Post / Rail. Painted Dunn Edwards "Chocolate Chunk" LRV 10.
 - 1/2" square Steel Guardrail / Handrail Post / Picket. Painted Dunn Edwards "Chocolate Chunk" LRV 10.
 - 4" TS Steel Trellis Beam, Painted Dunn Edwards Chocolate Chunk LRV 10, See Structural.
 - 3 x 8 Steel Trellis Column / Channels (Paired), Painted Dunn Edwards Chocolate Chunk LRV 10, See Structural.
 - 4 x 6 Steel Angles (Paired) Trellis Beam Supports. Painted Dunn Edwards Chocolate Chunk LRV 10, See Structural.
 - Structural Steel WF Column, See Structural.
 - Structural Steel TS Column, See Structural.
 - Structural Steel PIPE Column, See Structural.
 - Structural Steel WF Beam, See Structural.
 - Structural Steel TS Beam, See Structural.
 - Corrugated/Perforated Metal Deck Painted Dunn Edwards Chocolate Chunk LRV 10, See Structural.
 - Pre-fabricated Metal Truss, See Structural.
 - Pre-fabricated Steel Joist, See Structural.
 - Structural Metal C Joist, See Structural.
 - 3-5 / 8" Light Ga Metal Stud Framing At 24" OC. See Wall Types / Details.
 - 6" Light Gauge Metal Stud Furring At 24" OC. See Wall Types / Details.
- 6.0 Wood**
- Distressed Timber / Glu-lam Beam Stained (Weathered Gray) and Sealed, See Structural
 - Distressed Timber Column Cladding (Paired) Stained (Weathered Gray) and Sealed, See Structural.
 - Pre-fabricated Wood Truss, See Structural.
 - Pre-fabricated Wood Joist, See Structural.
 - Wood Joist, See Structural.
 - Plywood Sheathing, See Structural.
 - 1/2" Plywood Sheathing (where Occurs) over 2 x Wood Blocking, Draft stop.
- 7.0 Thermal and Moisture Protection**
- Existing Standing Seam Metal Roof System - "Copper" to remain.
 - Standing Seam Metal Roof System - "Copper" weathered to match existing roof finish, sealed.
 - Split Structural Slab Balcony Deck / Site Retaining Walls to have American Hydrotech Hot Fluid Applied Membrane Waterproofing System / Protection Board, And Weep Holes As Required To Provide Appropriate Drainage.
 - Slab on Grade at Interior Spaces to have 15 Mil PVC Under-Slab Vapor Barrier System.
 - WR Grace Perma - Barrier - Fluid Applied Concealed Weather Resistant Barrier System, With Drainage Board, Continuous Over Gypsum Sheathing, At Exterior Walls With Mechanically Attached Sandstone Cladding or Drainage EIFS System
 - WR Grace Perma - Barrier Self-Adhered Flexible Flashing System At Top Of All Parapets, Vertical / Horizontal Material Transitions, And Window And Door Openings At Exterior Walls With Mechanically Attached Sandstone Cladding or Drainage EIFS System

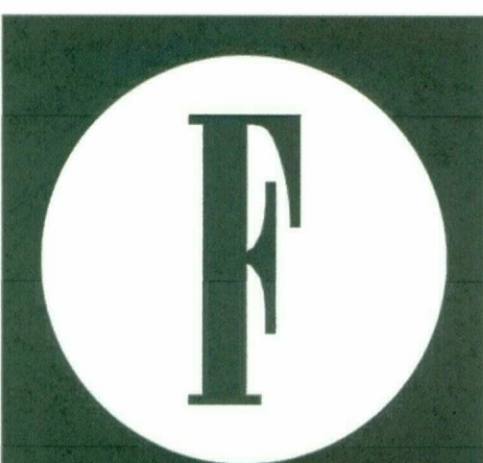
- "Sarnitil" PVC Membrane Roof System, Over 1 Layer Of Isocyanurate Roof Sheathing, With 1/4" PLF Minimum Slope. Roof Crickets As Indicated / And Or / As Required To Provide Appropriate Roof Drainage.
 - Foil Faced Batt Insulation R 38 under Roof Deck and R 20 In Exterior Walls, Minimum.
 - Metal Chimney Flue - "Copper" weathered to match existing roof finish, sealed.
 - Parapet Cap - "Copper", weathered to match existing roof finish, sealed
 - Parapet Cap - Galvanized Steel Painted to match adjacent materials. Sealed.
 - Metal Flashing, "Copper" weathered to match existing roof finish, sealed. Finish, Sealed.
 - Flashing - Galvanized Steel, Painted to match adjacent materials. Sealed.
 - Pre-fabricated Roof Drain / Overflow Assembly, See Plumbing.
- 8.0 Doors And Windows**
- Existing Aluminum / Glass Storefront Window / Door System to remain.
 - Insulated Aluminum / Glass Storefront Window / Door System, Dark Bronze Anodized Aluminum, Thermal Break, W/ Expansion Receivers. Exterior Glazing, Solarban 60, with solar gray low-e coating, U- Value = .27, SHGC - .28.
 - Insulated Aluminum Clad Wood / Glass Stacking Door System. Dark Bronze Anodized, Thermal Break, W/ Expansion Receivers. Exterior Glazing, Solarban 60, with solar gray low-e coating, U- Value = .27, SHGC - .28.
 - Insulated Aluminum Clad Wood / Glass Storefront Window / Door System, Dark Bronze Anodized Aluminum, Thermal Break, W/ Expansion Receivers. Exterior Glazing Solarban 60 with solar gray low-e coating, U- Value = .27, SHGC - .28.
 - Aluminum Break Metal Cladding, Dark Bronze Anodized, To Match Window System, Thermally Insulate as required.
 - Custom Wood / Glass Entry Doors, as scheduled.
 - Hollow metal Door and Frame, as scheduled.
 - Interior Doors / Windows, as Scheduled.
- 9.0 Finishes**
- Existing Drainage EIFS System to remain. Painted Dunn Edwards Wooden Peg, DE6215 LRV 31.
 - Drainage EIFS System Primus Base Coat with Two Coat natural Color Finish. Painted Dunn Edwards Wooden Peg, DE6215 LRV 31.
 - 1" Pre-fabricated Metal Stucco Reveal, painted to match adjacent surface, caulk as required for watertight installation
 - Suspended Gypsum Board Ceiling System. See Interior Design For Finish.
 - 1/2" Gypsum Board Sheathing (Exterior).
 - 1/2" Gypsum Board (Interior).
 - See Interior Finish Schedule / Interior Elevations / Details for Material And Finish. (Interiors).
 - 1" GFRG Sheathing as Blocking (Fireplaces).
 - Backer Rod and Sealant, Match Adjacent Color.

- 10.0 Specialties**
- Prefabricated Roof Hatch Assembly 2'-0" X 2'-6". w/ Ladder and accessories for complete installation.
- 11.0 Equipment**
- Contractor provided / contractor installed Clock Assembly. Owner / Architect to specify. TBD.
- 12.0 Mechanical**
- Rooftop Mechanical Equipment. See Mechanical.
 - Mechanical Ductwork. See Mechanical.
- 13.0 Plumbing**
- Fire Protection Line Location, See Deferred Submittal By General Contractor, Fire Protection Subcontractor.
- 14.0 Electrical**
- Light Fixture, See Electrical.
 - Electrical Conduit Exposed, Architectural Installation, Paint To Match Painted To Match Firestone "Medium Bronze" Finish, Sealed. See Electrical.
 - Electrical Conduit, "Conduit Style" 90 Degree Transition, Paint To Match Painted To Match Firestone "Medium Bronze" Finish, Sealed. See Electrical.
 - Electrical Conduit, "Pancake J Box Painted To Match Firestone "Medium Bronze" Finish, Sealed. See Electrical.
- 15.0 Miscellaneous**
- Interiors Construction Beyond Shown For Context Only. See Interior Elevations / Design And Details For More Information.
 - Millwork Item. See Interior Elevations / Design And Details For More Information.

elevations

3/32" = 1'-0"

28-DR-2016
09/27/16



TROON GOLF & COUNTRY CLUB
RENOVATION
25000 NORTH WINDY WALK DRIVE
SCOTTSDALE, ARIZONA

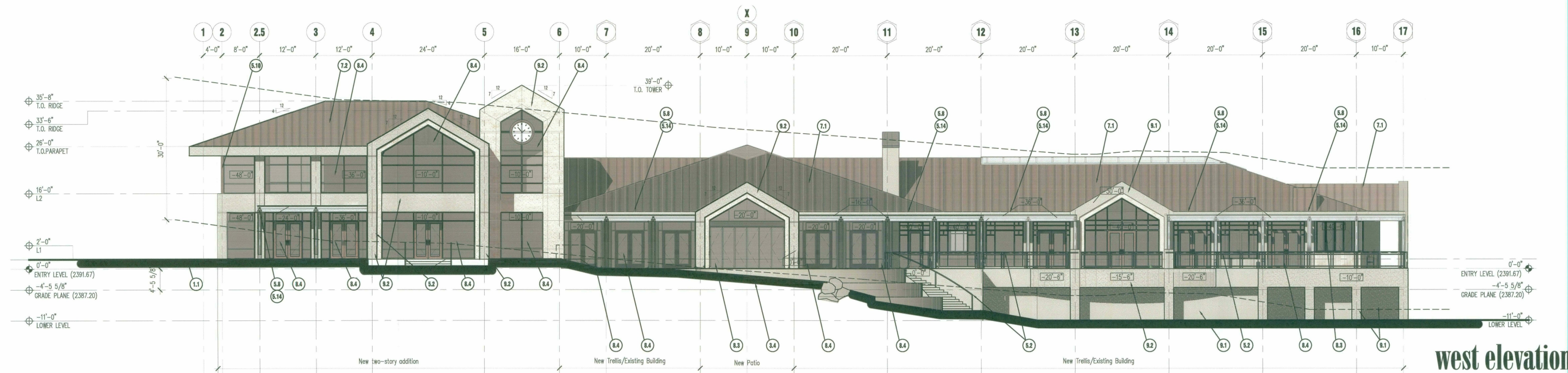


Douglas Fredrikson Architects
727 east bathany home road, d-123
phoenix, arizona 85014
602.277.1625

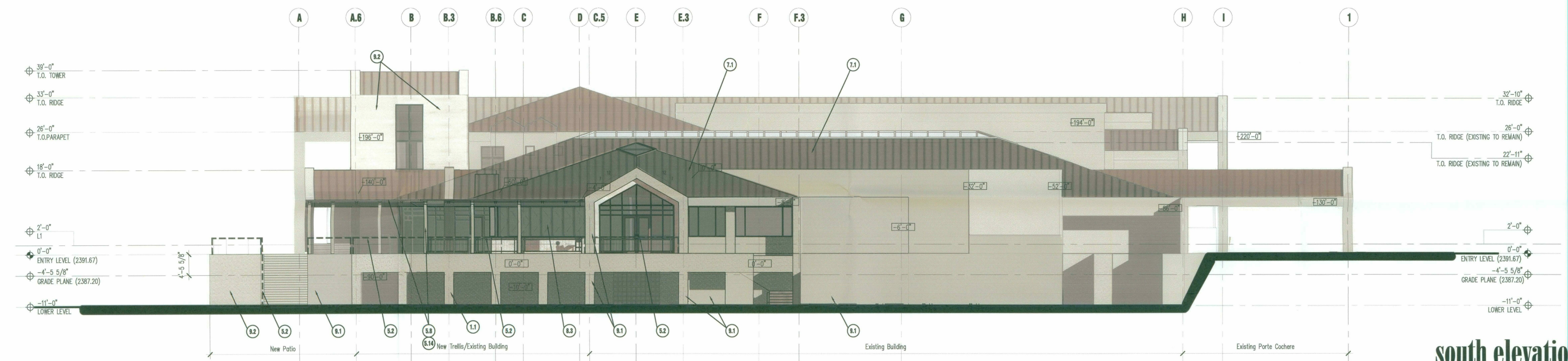
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15117
elevations
issue date
03.07.16
revisions





west elevation



south elevation

keynotes

- General Notes**
- Note: Floor Plan, Reflected Ceiling Plan, Roof Plan, Building Elevations, Building Sections, and Wall Sections, Sheet Keynotes Lists are identical where required. Keynote Lists may not appear on every sheet. Reference a Keynote List on another sheet if necessary.
- 1.0 Sitework - Civil/Landscape**
 - 1.1 Existing Finish Grade to remain.
 - 1.2 Rough/Finish Grade, See Civil / Landscape.
 - 1.3 Planter Landscape Area, See Landscape.
 - 1.4 Landscape Area, See Landscape.
 - 2.0 Sitework - Architectural**
 - 2.1 Concrete Stair / Ramp on Grade, Integrally Colored Davis Color (4Lbs) with Medium Broom Finish or Exposed Aggregate. See Hardscape Plans / Details. See Structural.
 - 2.2 Patios / Sidewalks 4" Concrete Integrally Colored Davis Color (4Lbs) with Medium Broom Finish or Exposed Aggregate. See Hardscape Plans / Details.
 - 3.0 Concrete**
 - 3.1 Structural Concrete Slab on grade. See Structural.
 - 3.2 Structural Concrete Stem Wall. See Structural.
 - 3.3 Structural Concrete Footing / Turndown. See Structural.
 - 3.4 Structural Concrete Retaining Wall, EIFS Two Coat natural Color Finish, Painted Dunn Edwards Wooden Peg, DEB215 LRV 31. See Structural.
 - 3.5 Structural Concrete Column Bases, Integrally Colored Solomon Colors "Buckwheat" (4Lbs). See Structural.
 - 3.6 Structural Concrete Slab / Composite Metal Deck. See Structural.
 - 4.0 Masonry**
 - 4.1 CMU Masonry Bearing Wall. See Structural.
 - 4.2 CMU Masonry Site Wall. See Structural.
 - 4.3 Pre-fabricated Masonry Fireplaces Isokern. Magnum Series Model TBD, See Interior Design for detailing and Finishes.
 - 4.4 Mechanically attached Sandstone Veneer / Cladding, 2" thick maximum, 24" H maximum x 12" W maximum, "Pueblo", Honed finish.
 - 5.0 Metals**
 - 5.1 Existing Exterior Steel Guardrail / Handrail System to remain. Painted Dunn Edwards "Chocolate Chunk" LRV 10.
 - 5.2 Exterior Steel Guardrail / Handrail System to match existing. Painted Dunn Edwards "Chocolate Chunk" LRV 10.
 - 5.3 Interior Steel Guardrail / Handrail "Custom Design" Finishes Detailing / TBD.

- 5.4 2" square Steel TS Guardrail / Handrail Post / Rail. Painted Dunn Edwards "Chocolate Chunk" LRV 10.
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- 5.6 4" TS Steel Trellis Beam, Painted Dunn Edwards Chocolate Chunk LRV 10, See Structural.
- 5.7 3 x 8 Steel Trellis Column / Channels (Paired), Painted Dunn Edwards Chocolate Chunk LRV 10, See Structural.
- 5.8 4 x 6 Steel Angles (Paired) Trellis Beam Supports. Painted Dunn Edwards Chocolate Chunk LRV 10, See Structural.
- 5.9 Structural Steel WF Column, See Structural.
- 5.10 Structural Steel TS Column, See Structural.
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- 5.12 Structural Steel WF Beam, See Structural.
- 5.13 Structural Steel TS Beam, See Structural.
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- 5.15 Pre-fabricated Metal Truss, See Structural.
- 5.16 Pre-fabricated Steel Joist, See Structural.
- 5.17 Structural Metal C joist, See Structural.
- 5.18 3-5 / 8" Light Ga Metal Stud Framing At 24" OC. See Wall Types / Details.
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- 6.0 Wood**
 - 6.1 Distressed Timber / Glu-lam Beam Stained (Weathered Gray) and Sealed, See Structural
 - 6.2 Distressed Timber Column Cladding (Paired) Stained (Weathered Gray) and Sealed, See Structural.
 - 6.3 Pre-fabricated Wood Truss, See Structural.
 - 6.4 Pre-fabricated Wood joist, See Structural.
 - 6.5 Wood Joist, See Structural.
 - 6.6 Plywood Sheathing, See Structural.
 - 6.7 1/2" Plywood Sheathing (where Occurs) over 2 x Wood Blocking, Draft stop.
- 7.0 Thermal and Moisture Protection**
 - 7.1 Existing Standing Seam Metal Roof System - "Copper" to remain.
 - 7.2 Standing Seam Metal Roof System - "Copper" weathered to match existing roof finish, sealed.
 - 7.3 Split Structural Slab Balcony Deck / Site Retaining Walls to have American Hydrotech Hot Fluid Applied Membrane Waterproofing System / Protection Board, And Weep Holes As Required To Provide Appropriate Drainage.
 - 7.4 Slab on Grade at Interior Spaces to have 15 Mil PVC Under-Slab Vapor Barrier System.
 - 7.5 WR Grace Perma - Barrier - Fluid Applied Concealed Weather Resistant Barrier System, With Drainage Board, Continuous Over Gypsum Sheathing, At Exterior Walls With Mechanically Attached Sandstone Cladding or Drainage EIFS System
 - 7.6 WR Grace Perma - Barrier Self-Adhered Flexible Flashing System At Top Of All Parapets, Vertical / Horizontal Material Transitions, And Window And Door Openings At Exterior Walls With Mechanically Attached Sandstone Cladding or Drainage EIFS System
 - 7.7 "Sarnhill" PVC Membrane Roof System , Over 1 Layer Of Isocyanurate Roof Sheathing, With 1 / 4" PLF Minimum Slope. Roof Crickets As Indicated /And Or / As Required To Provide Appropriate Roof Drainage.
 - 7.8 Foil Faced Batt Insulation R 38 under Roof Deck and R 20 In Exterior Walls, Minimum.
 - 7.9 Metal Chimney Flue - "Copper" weathered to match existing roof finish, sealed.
 - 7.10 Parapet Cap - "Copper", weathered to match existing roof finish, sealed
 - 7.11 Parapet Cap - Galvanized Steel Painted to match adjacent materials. Sealed.
 - 7.12 Metal Flashing, "Copper" weathered to match existing roof finish, sealed. Finish, Sealed.
 - 7.13 Flashing - Galvanized Steel, Painted to match adjacent materials. Sealed.
 - 7.14 Pre-Fabricated Roof Drain / Overflow Assembly, See Plumbing.
- 8.0 Doors And Windows**
 - 8.1 Existing Aluminum / Glass Storefront Window / Door System to remain.
 - 8.2 Insulated Aluminum / Glass Storefront Window / Door System, Dark Bronze Anodized Aluminum, Thermal Break, W/ Expansion Receivers. Exterior Glazing, Solarban 60, with solar gray low-e coating, U-Value = .27, SHGC - .28.
 - 8.3 Insulated Aluminum Clad Wood / Glass Stacking Door System. Dark Bronze Anodized, Thermal Break, W/ Expansion Receivers. Exterior Glazing, Solarban 60, with solar gray low-e coating, U-Value = .27, SHGC - .28.
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 - 8.6 Custom Wood / Glass Entry Doors, as scheduled.
 - 8.7 Hollow metal Door and Frame , as scheduled.
 - 8.8 Interior Doors / Windows, as Scheduled.
- 9.0 Finishes**
 - 9.1 Existing Drainage EIFS System to remain. Painted Dunn Edwards Wooden Peg, DEB215 LRV 31.
 - 9.2 Drainage EIFS System Primus Base Coat with Two Coat natural Color Finish. Painted Dunn Edwards Wooden Peg, DEB215 LRV 31.
 - 9.3 1" Pre-fabricated Metal Stucco Reveal, painted to match adjacent surface, caulk as required for watertight installation
 - 9.4 Suspended Gypsum Board Ceiling System. See Interior Design For Finish.
 - 9.5 1/2" Gypsum Board Sheathing (Exterior).
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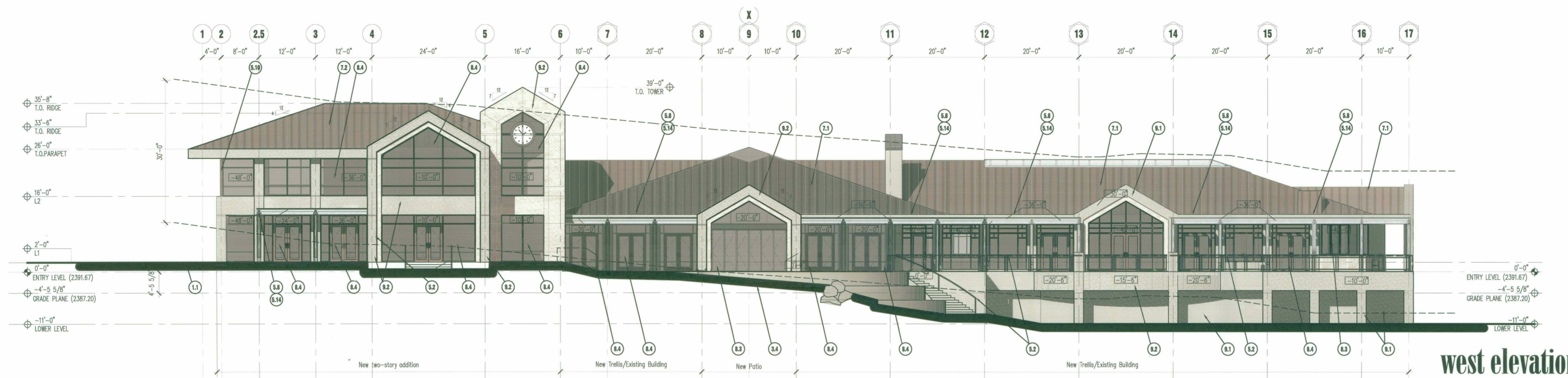
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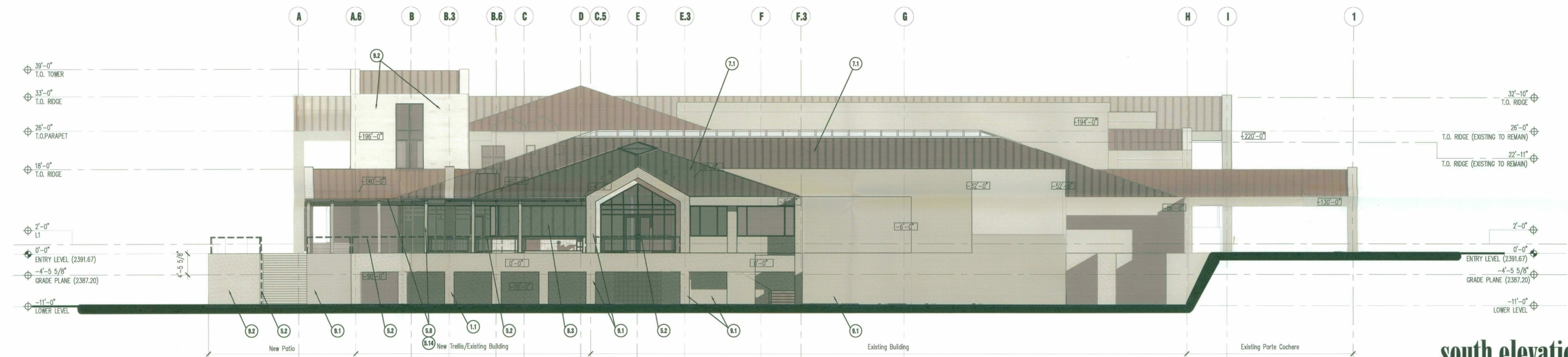
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15117
 elevations
 issue date
 03.07.16
 revisions



west elevation



south elevation

keynotes

General Notes

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elevations

3/32" = 1'-0"

28-DR-2016

09/27/16



TROON GOLF & COUNTRY CLUB
RENOVATION
25000 NORTH WINDY WALK DRIVE
SCOTTSDALE, ARIZONA



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revisions



City of Scottsdale Notes

- A. Sight distance triangles shall be shown on final plans for driveways from commercial sites and any intersections. Area within the safety triangle is to be clear of landscaping, signs, or other visibility obstructions with a height greater than 1.5 feet. Trees within the safety triangle shall be single trunk and have a canopy that beings at 8 feet in height upon installation. All heights are measured from nearest street line elevation.
- B. Temporary/Security fencing that is required or is optionally provided shall be in accordance with the Zoning Ordinance and the Design Standards and Policy Manual
- C. The temporary/security fence location shall not be modified or the temporary/security fence shall not be removed without the approval of the Planning and Development Services/ Inspection Services Division.
- D. All rights of way adjacent to this property shall be landscaped and maintained by the property owner.
- E. All signs require separate permits and approvals.
- F. No exterior vending or display shall be allowed.
- G. Flagpoles, if provided, shall be one piece conical tapered.
- H. No exterior public address or speaker system shall be allowed.
- I. Patio umbrella, if provided, shall be solid colors and shall not have any advertising in the from of signage or logos.
- J. All exterior mechanical, utility, and communication equipment shall be screened to the height of the tallest unit by parapet or screen wall that matches the architectural color and architectural finish of the building. Ground mounted mechanical, utility, and communication equipment shall be screened by a screen wall that matches the architectural color and architectural finish of the building, which is a minimum of 1'-0" higher than the highest point of tallest unit.
- K. All equipment, utilities or other appurtenances attached to the building shall be an integral part of the building design in terms of form, color and textures.
- L. No exterior visible ladders shall be allowed.
- M. All pole-mounted lighting shall be a maximum of 20 feet in height.
- N. No chain link fencing shall be allowed.
- O. No turf areas shall be provided.
- P. No native plants shall be removed or destroyed during the duration of construction.

Project Data

Tron Golf and Country Club - Renovation
 25000 N. Windy Walk Drive
 Scottsdale, Arizona 85255
 Contact: Garrett Wallace (gwallace@tron.com)

Applicant:
 Douglas Fredrikson Architects
 727 E. Bethany Home Road, Suite D-123
 Phoenix, Arizona 85014
 Phone: 602.277.1625
 Contact: Justin Pasternak (jpasternak@dfarchitects.com)

Parcel Information:
 R-1 43 ESL (HD)
 217-02-012T
 Lot Size: 300,608 sqft

Building Data:
 Construction Type: III-B
 Occupancy Type: Mixed Occupancy, Non-Separated, Fully-Sprinklered
 A-2, A-3, A-5, B, M, S-1, S-2

Existing Building Area
 Main Floor: 33,017 SF
 (8,146 SF of demo and new rebuild incl.)
 Lower Level Basement: 14,132 SF
 Subtotal: 47,149 SF

Proposed New Building Addition:
 Main Floor Expansion (A2): 951 SF net gain
 Upper Floor Addition (A3): 8,385 SF
 Subtotal: 9,336 SF

New Total Building SQFT: 56,485 SF

Building Height Summary:
 Existing Max Building Height: 37'-0" (2-Story)
 Proposed Building Height of Addition: 30'-0" (2-Story)
 (above original undeveloped grade)

Parking Calculations Summary:
 C.O.S. Table 9.103.A Parking Requirements
 Original Parking Permitted per Case No. 96-BA-85:
 Main Building/Tennis/Pool = 139 Spaces
 1/ every 2 Tees Practice range, 4/ every/each green x 18 Holes = 45 Spaces
 Total = 193 Spaces

New Construction Parking Required:
 1 per 200 SF Gross Floor Area
 9,336 SF/200 SF = 47 Spaces
 Grand Total Required Spaces = 240 Spaces
 Existing Parking: 244 Spaces
 ADA Existing: 7 Spaces
 Parking Required: 240 Spaces
 ADA Parking Required (4%): 10 Spaces
 Parking Provided: 242 Spaces
 ADA Parking Provided: 10 Spaces
 Bicycle Parking Required: 240/10 (1 per 10 required parking) 24 spaces
 Bicycle Parking Provided: 24 spaces
 (dispersed throughout at different uses)

Proposed Uses: Golf, Pro Shop, Dining, Locker Room, Fitness

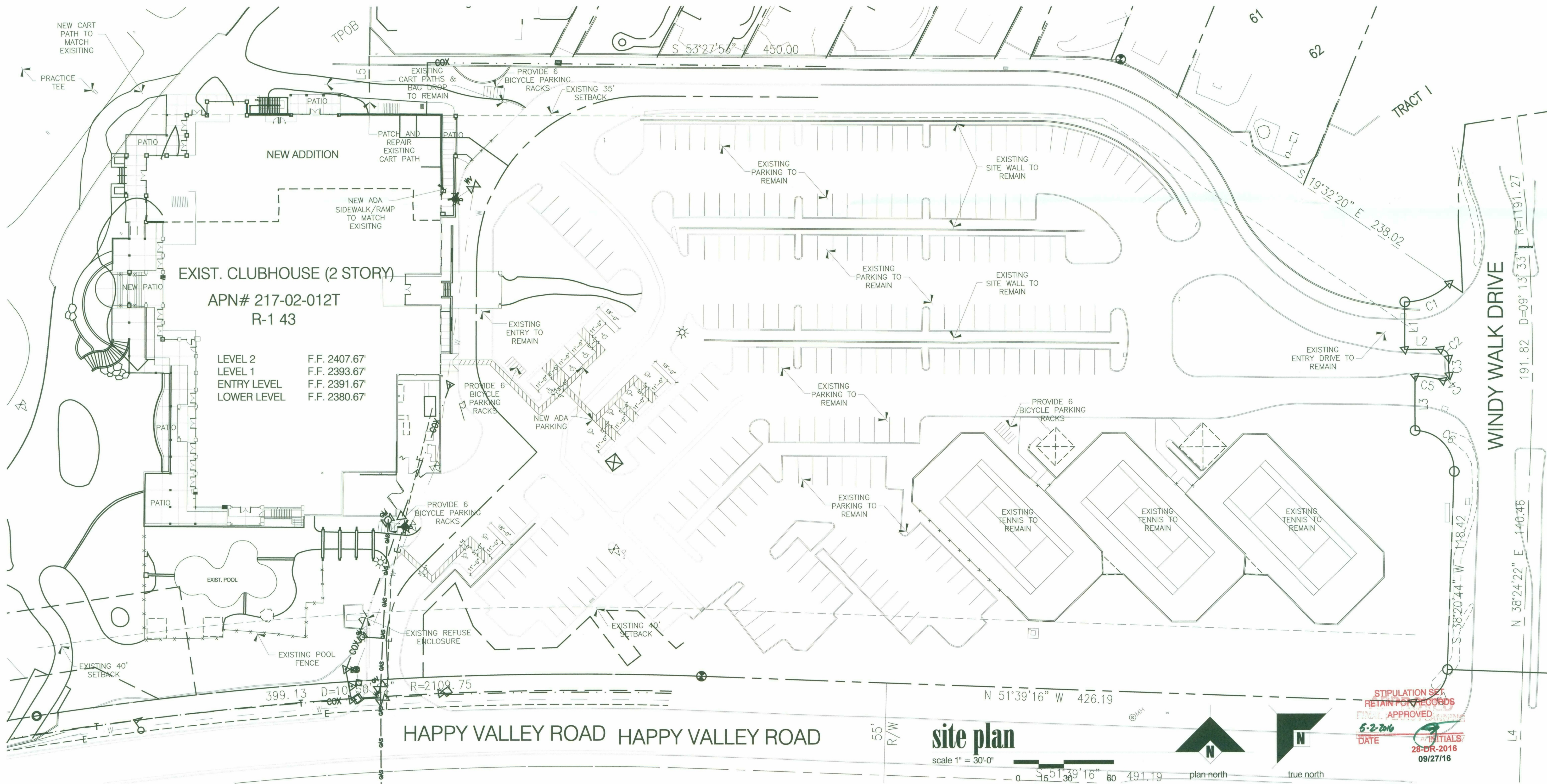
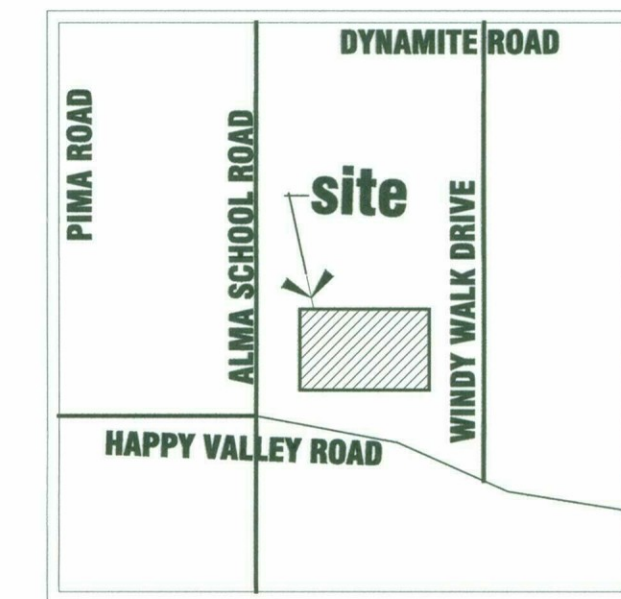
Fire Resistive Requirements Type III-B

Structural Frame	0 HR	IBC Table 601
Exterior Bearing Walls	2 HR	IBC Table 601
Interior Bearing Walls	0 HR	IBC Table 601
Exterior Non-Bearing Walls X>30	0 HR	IBC Table 601, 602
Interior Non-Bearing Walls	0 HR	IBC Table 601
Floor Construction (Cart Level)	0 HR	IBC Table 601
Floor Construction (Lower Level)	0 HR	IBC Table 601
Floor Construction (Main Level)	0 HR	IBC Table 601
Roof Construction	0 HR	IBC Table 601

Project Narrative

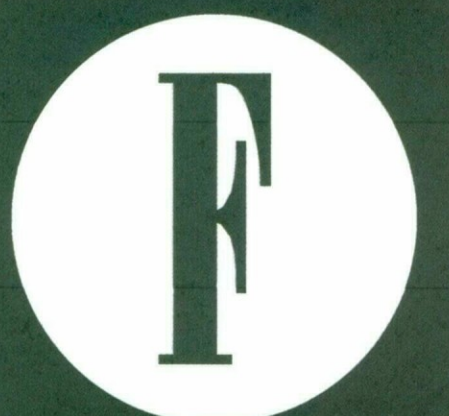
Tron Golf & Country Club is an existing Club in North Scottsdale. Scope of work includes demolition of the north section of the existing club. In this same location, a new 2 story structure will be built with minor additional square footage added and will connect to the existing Club to remain. The new addition will replace men's locker rooms (bringing up to current ADA standards), Members Grill and Pro Shop. A Fitness Room will be located on the second floor. Other Areas of the Club will receive new interior finishes, renovated dining rooms and administrative areas as tenant improvement work. The plumbing loads for the overall building will not be impacted with this addition and renovation and will not require a new or larger water meter. Bicycle parking has been distributed through the site to provide bicycle parking to each of the various activity centers of the Club including: main entry, pool entry, fitness entry and tennis courts.

Vicinity Map



site plan
 scale 1" = 30'-0"

STIPULATION SET
 RETAIN FOR RECORDS
 FINAL APPROVED
 5-2-2016
 DATE INITIALS
 28-DR-2016
 09/27/16



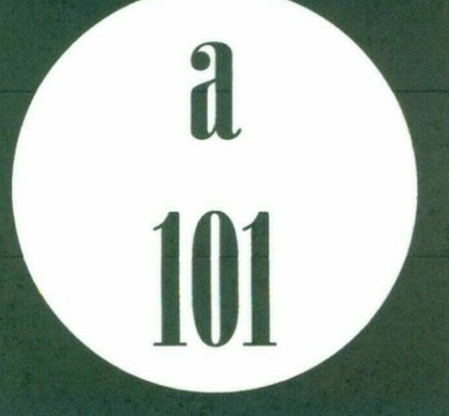
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15117
site plan
issue date
03. 07. 16
revisions



Open Space Calculations

REQUIRED OPEN SPACE
 MAXIMUM BUILDING HEIGHT: 37'-0" proposed (37'-0" allowed)
 FIRST 12' OF HEIGHT: .10 X 300,608 = 30,060 sf
 NEXT 25' OF HEIGHT: 25 X .004 X 300,608 = 30,060 sf

OPEN SPACE REQUIRED (NOT INCLUDING PARKING LOT LANDSCAPE):
 30,060 + 30,060 = 60,120 sf

OPEN SPACE PROVIDED 63,882 sf

Pursuant to Sec. 10.501.H.2

PARKING LOT LANDSCAPE REQUIRED:
 PARKING LOT AREA X 15%
 95,741 X .15 = 14,361 sf

PARKING LOT LANDSCAPE PROVIDED: 20,378 sf

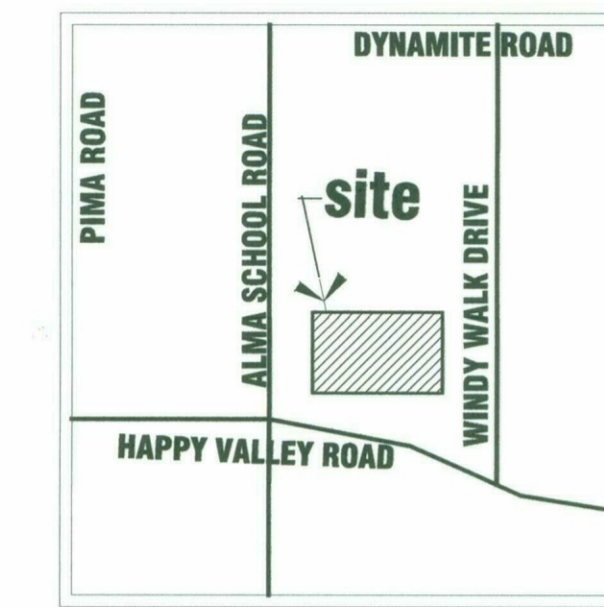
Project Data

Tron Golf and Country Club - Renovation
 25000 N. Windy Walk Drive
 Scottsdale, Arizona 85255
 Contact: Garrett Wallace (gwallace@tron.com)

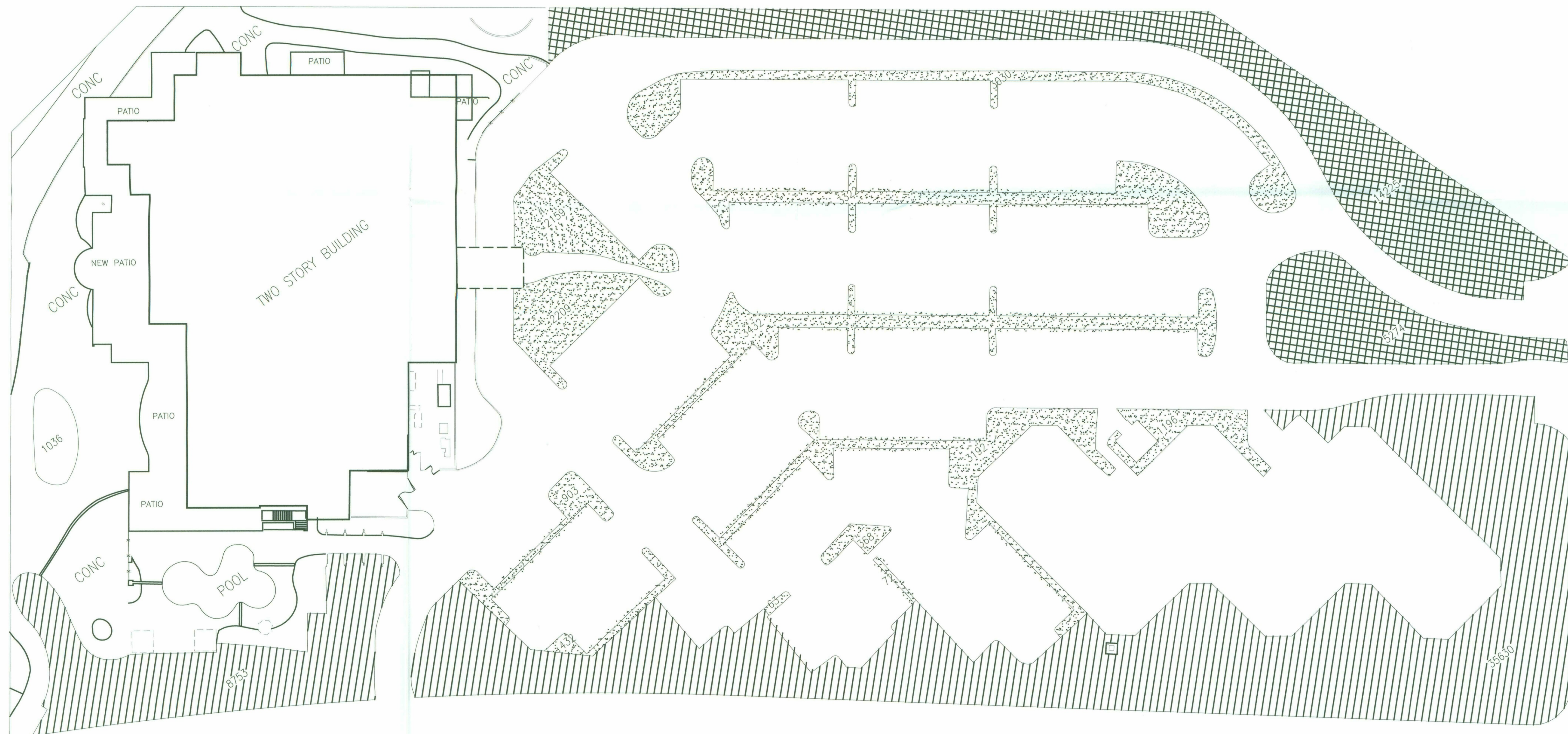
Applicant:
 Douglas Fredrikson Architects
 727 E. Bethany Home Road, Suite D-123
 Phoenix, Arizona 85014
 Phone: 602.277.1625
 Contact: Justin Pasternak (jpasternak@dfarchitects.com)

Parcel Information:
 R-1 43 ESL (HD)
 217-02-012T
 Lot Size: 300,608 sqft

Vicinity Map



	DENOTES FRONT OPEN SPACE	44,383 sf
	DENOTES OPEN SPACE OTHER THAN FRONT OPEN SPACE	19,499 sf
	DENOTES PARKING LOT LANDSCAPEING	20,378 sf



open space plan

scale 1" = 30'-0"



plan north

true north

STIPULATION SET
 RETAIN FOR RECORDS
 APPROVED 28-DR-2016
 5-2-2016 DATE INITIALS 09/27/16



TROON GOLF & COUNTRY CLUB
 RENOVATION
 25000 NORTH WINDY WALK DRIVE
 SCOTTSDALE, ARIZONA



Douglas Fredrikson Architects
 727 east bethany home road, d-123
 phoenix, arizona 85014
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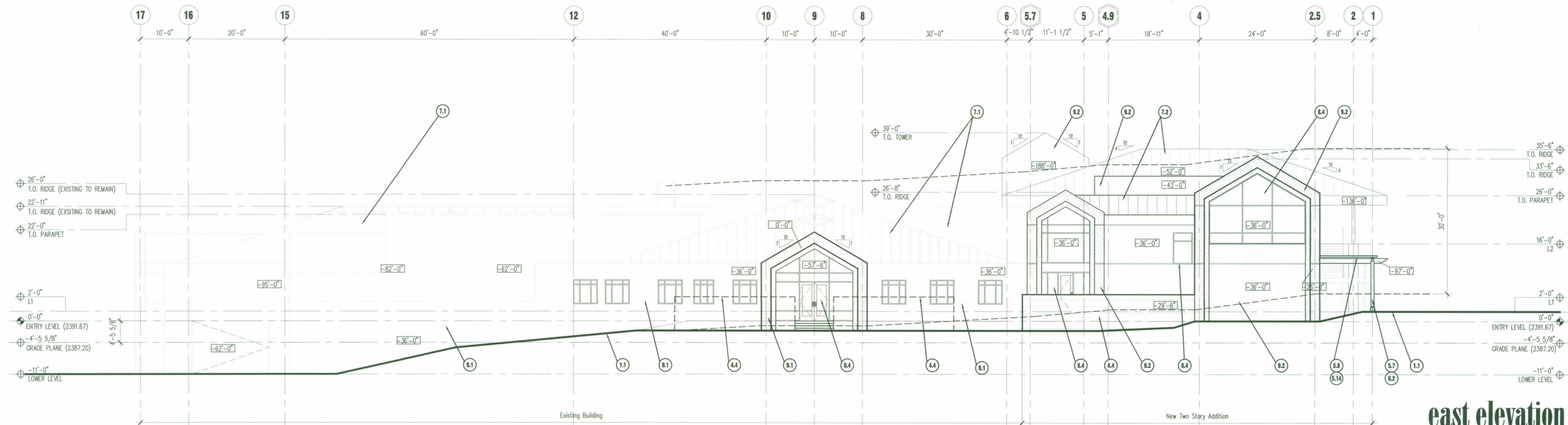
open space plan

issue date

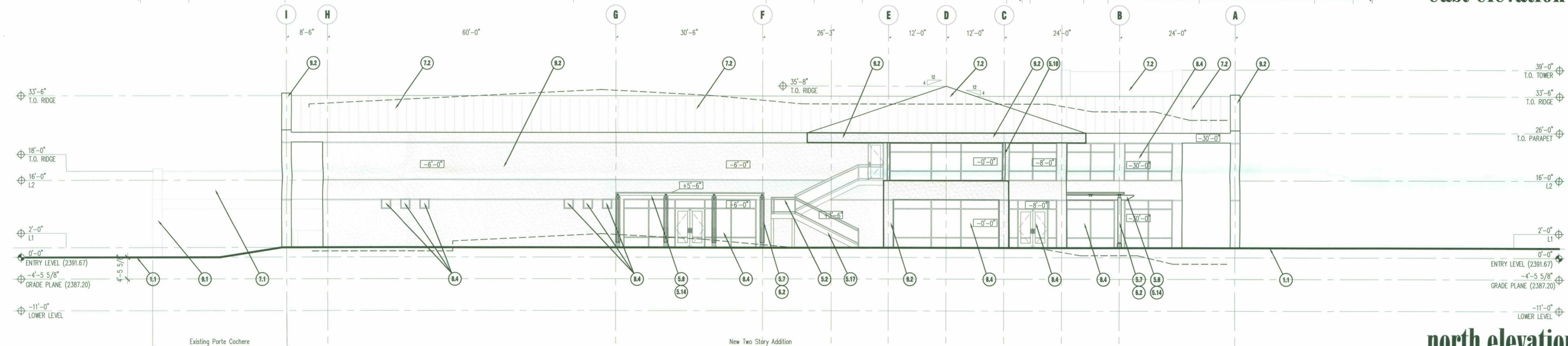
03 . 07 . 16

revisions





east elevation



north elevation

keynotes

- General Notes**
- Note: Floor Plan, Reflected Ceiling Plan, Roof Plan, Building Elevations, Building Sections, and Wall Sections, Sheet Keynotes Lists are identical where required. Keynote Lists may not appear on every sheet. Reference a Keynote List on another sheet if necessary.
- 1.0 Sitework - Civil / Landscape**
- Existing Finish Grade to remain.
 - Rough/ Finish Grade, See Civil / Landscape.
 - Planter Landscape Area, See Landscape.
 - Landscape Area, See Landscape.
- 2.0 Sitework - Architectural**
- Concrete Stair / Ramp on Grade, Integrally Colored Davis Color (4Lbs) with Medium Broom Finish or Exposed Aggregate. See Hardscape Plans / Details. See Structural.
 - Patios / Sidewalks 4" Concrete Integrally Colored Davis Color (4Lbs) with Medium Broom Finish or Exposed Aggregate. See Hardscape Plans / Details.
- 3.0 Concrete**
- Structural Concrete Slab on grade. See Structural.
 - Structural Concrete Stem Wall. See Structural.
 - Structural Concrete Footing / Turndown. See Structural.
 - Structural Concrete Retaining Wall, EIFS Two Coat natural Color Finish, Painted Dunn Edwards Wooden Peg, DE6215 LRV 31. See Structural.
 - Structural Concrete Column Bases, Integrally Colored Solomon Colors "Buckwheat" (4Lbs). See Structural.
 - Structural Concrete Slab / Composite Metal Deck. See Structural.
- 4.0 Masonry**
- CMU Masonry Bearing Wall. See Structural.
 - CMU Masonry Site Wall. See Structural.
 - Pre-fabricated Masonry Fireplaces Isokern, Magnum Series Model TBD, See Interior Design for detailing and Finishes.
 - Mechanically attached Sandstone Veneer / Cladding, 2" thick maximum, 24" H maximum x 12" W maximum, "Pueblo", Honed finish.
- 5.0 Metals**
- Existing Exterior Steel Guardrail / Handrail System to remain. Painted Dunn Edwards "Chocolate Chunk" LRV 10.
 - Exterior Steel Guardrail / Handrail System to match existing, Painted Dunn Edwards "Chocolate Chunk" LRV 10.
 - Interior Steel Guardrail / Handrail "Custom Design" Finishes Detailing / TBD.

- 2" square Steel TS Guardrail / Handrail Post / Rail, Painted Dunn Edwards "Chocolate Chunk" LRV 10.
 - 1/2" square Steel Guardrail / Handrail Post / Picket, Painted Dunn Edwards "Chocolate Chunk" LRV 10.
 - 4" TS Steel Trellis Beam, Painted Dunn Edwards Chocolate Chunk LRV 10, See Structural.
 - 3 x 8 Steel Trellis Column / Channels (Paired), Painted Dunn Edwards Chocolate Chunk LRV 10, See Structural.
 - 4 x 6 Steel Angles (Paired) Trellis Beam Supports, Painted Dunn Edwards Chocolate Chunk LRV 10, See Structural.
 - Structural Steel WF Column, See Structural.
 - Structural Steel TS Column, See Structural.
 - Structural Steel WF Column, See Structural.
 - Structural Steel WF Beam, See Structural.
 - Structural Steel TS Beam, See Structural.
 - Corrugated/Perforated Metal Deck Painted Dunn Edwards Chocolate Chunk LRV 10, See Structural.
 - Pre-fabricated Metal Truss, See Structural.
 - Pre-fabricated Steel Joist, See Structural.
 - Structural Metal C Joist, See Structural.
 - 3-5 / 8" Light Ga Metal Stud Framing At 24" OC. See Wall Types / Details.
 - 6" Light Gauge Metal Stud Furring At 24" OC. See Wall Types / Details.
- 6.0 Wood**
- Distressed Timber / Glu-lam Beam Stained (Weathered Gray) and Sealed, See Structural
 - Distressed Timber Column Cladding (Paired) Stained (Weathered Gray) and Sealed, See Structural.
 - Pre-fabricated Wood Truss, See Structural.
 - Pre-fabricated Wood Joist, See Structural.
 - Wood Joist, See Structural.
 - Plywood Sheathing, See Structural.
 - 1/2" Plywood Sheathing (where Occurs) over 2 x Wood Blocking, Draft stop.
- 7.0 Thermal and Moisture Protection**
- Existing Standing Seam Metal Roof System - "Copper" to remain.
 - Standing Seam Metal Roof System - "Copper" weathered to match existing roof finish, sealed.
 - Split Structural Slab Balcony Deck / Site Retaining Walls to have American Hydroloch Hot Fluid Applied Membrane Waterproofing System / Protection Board, And Weep Holes As Required To Provide Appropriate Drainage.
 - Slab on Grade at Interior Spaces to have 15 Mil PVC Under-Slab Vapor Barrier System.
 - WR Grace Perma - Barrier - Fluid Applied Concealed Weather Resistive Barrier System, With Drainage Board, Continuous Over Gypsum Sheathing, At Exterior Walls With Mechanically Attached Sandstone Cladding or Drainage EIFS System
 - WR Grace Perma - Barrier Self-Adhered Flexible Flashing System At Top Of All Parapets, Vertical / Horizontal Material Transitions, And Window And Door Openings At Exterior Walls With Mechanically Attached Sandstone Cladding or Drainage EIFS System

- "Sarnifit" PVC Membrane Roof System, Over 1 Layer Of Isocyanurate Roof Sheathing, With 1/4" PLF Minimum Slope, Roof Crickets As Indicated / And Or / As Required To Provide Appropriate Roof Drainage.
 - Foil Faced Batt Insulation R 38 under Roof Deck and R 20 In Exterior Walls, Minimum.
 - Metal Chimney Flue - "Copper" weathered to match existing roof finish, sealed.
 - Parapet Cap - "Copper", weathered to match existing roof finish, sealed
 - Parapet Cap - Galvanized Steel Painted to match Adjacent Materials. Sealed.
 - Metal Flashing - "Copper" weathered to match existing roof finish, sealed, Finish, Sealed.
 - Flashing - Galvanized Steel, Painted to match Adjacent Materials. Sealed.
 - Pre-Fabricated Roof Drain / Overflow Assembly, See Plumbing.
- 8.0 Doors And Windows**
- Existing Aluminum / Glass Storefront Window / Door System to remain.
 - Insulated Aluminum / Glass Storefront Window / Door System, Dark Bronze Anodized Aluminum, Thermal Break, W/ Expansion Receivers. Exterior Glazing, Solarban 60, with solar gray low-e coating, U-Value = .27, SHGC - .28.
 - Insulated Aluminum Clad Wood / Glass Stacking Door System, Dark Bronze Anodized, Thermal Break, W/ Expansion Receivers. Exterior Glazing, Solarban 60, with solar gray low-e coating, U-Value = .27, SHGC - .28.
 - Insulated Aluminum Clad Wood / Glass Storefront Window / Door System, Dark Bronze Anodized Aluminum, Thermal Break, W/ Expansion Receivers. Exterior Glazing Solarban 60 with solar gray low-e coating, U-Value = .27, SHGC - .28.
 - Aluminum Break Metal Cladding, Dark Bronze Anodized, To Match Window System, Thermally Insulate as required.
 - Custom Wood / Glass Entry Doors, as scheduled.
 - Hollow metal Door and Frame, as scheduled.
 - Interior Doors / Windows, as Scheduled.
- 9.0 Finishes**
- Existing Drainage EIFS System to remain. Painted Dunn Edwards Wooden Peg, DE6215 LRV 31.
 - Drainage EIFS System Primus Base Coat with Two Coat natural Color Finish. Painted Dunn Edwards Wooden Peg, DE6215 LRV 31.
 - 1" Pre-fabricated Metal Stucco Reveal, painted to match adjacent surface, caulk as required for watertight installation
 - Suspended Gypsum Board Ceiling System. See Interior Design For Finish.
 - 1/2" Gypsum Board Sheathing (Exterior).
 - 1/2" Gypsum Board (Interior).
 - See Interior Finish Schedule / Interior Elevations / Details For Material And Finish. (Interiors).
 - 1" GFRG Sheathing as Blocking (Fireplaces).
 - Backer Rod and Sealant, Match Adjacent Color.

- 10.0 Specialties**
- Prefabricated Roof Hatch Assembly 2'-0" X 2'-6". w/ Ladder and accessories for complete installation.
- 11.0 Equipment**
- Contractor provided / contractor Installed Clock Assembly. Owner / Architect to specify. TBD.
- 12.0 Mechanical**
- Rooftop Mechanical Equipment. See Mechanical.
 - Mechanical Ductwork. See Mechanical.
- 13.0 Plumbing**
- Fire Protection Line Location, See Deferred Submittal By General Contractor, Fire Protection Subcontractor.
- 14.0 Electrical**
- Light Fixture, See Electrical.
 - Electrical Conduit Exposed, Architectural Installation, Paint To Match Painted To Match Firestone "Medium Bronze" Finish, Sealed. See Electrical.
 - Electrical Conduit, "Condulet Style" 90 Degree Transition, Paint To Match Painted To Match Firestone "Medium Bronze" Finish, Sealed. See Electrical.
 - Electrical Conduit, "Pancake J Box Painted To Match Firestone "Medium Bronze" Finish, Sealed. See Electrical
- 15.0 Miscellaneous**
- Interiors Construction Beyond Shown For Context Only. See Interior Elevations / Design And Details For More Information.
 - Millwork Item. See Interior Elevations / Design And Details For More Information.

elevations

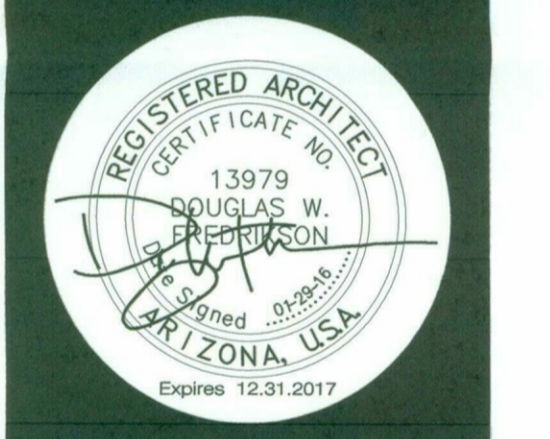
3/32" = 1'-0"

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5-2-2016 DATE
INITIALS 09/27/16

F

TRON GOLF & COUNTRY CLUB
RENOVATION

25000 NORTH WINDY WALK DRIVE
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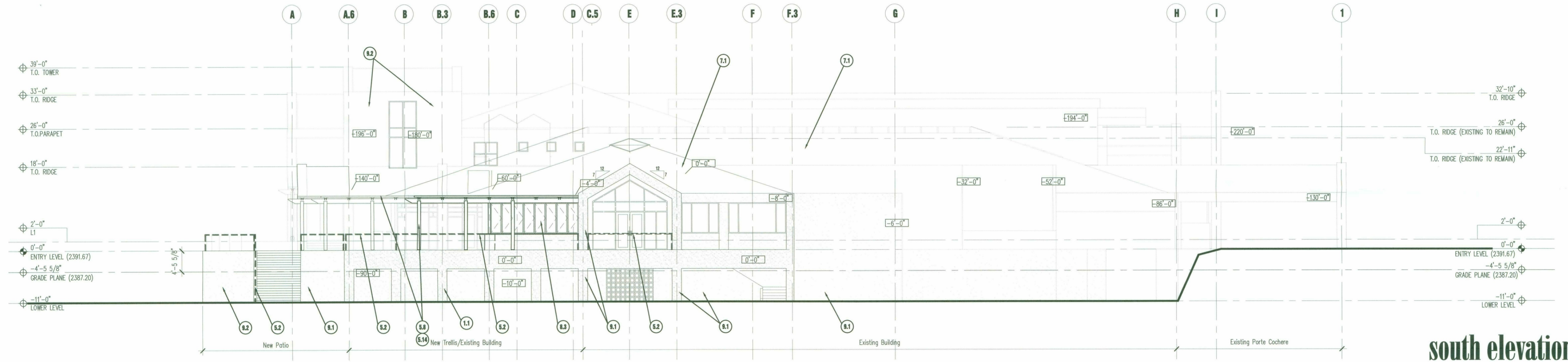
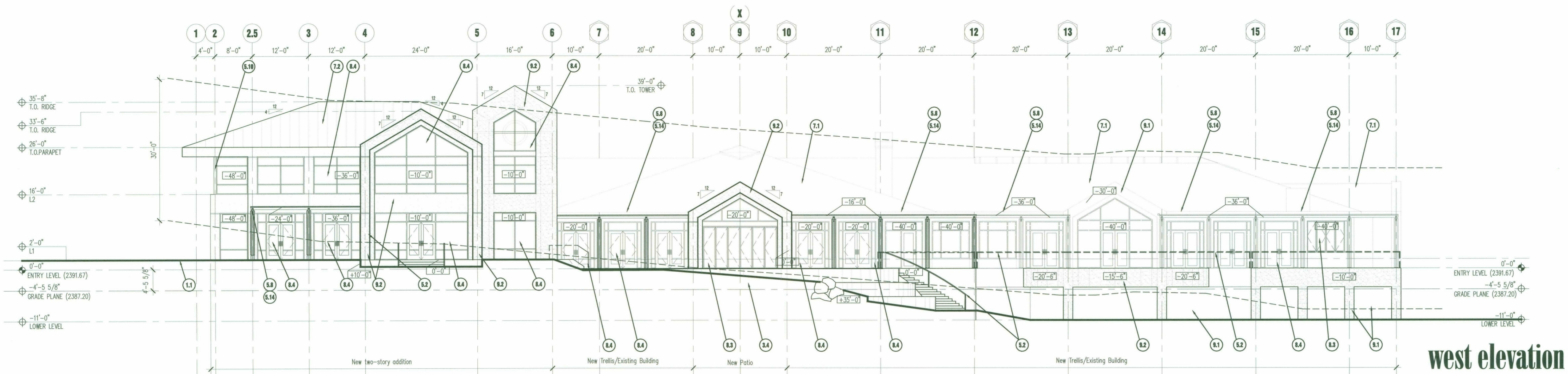
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15117
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revisions

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301



keynotes

General Notes

Note: Floor Plan, Reflected Ceiling Plan, Roof Plan, Building Elevations, Building Sections, and Wall Sections, Sheet Keynotes Lists are identical where required. Keynote Lists may not appear on every sheet. Reference a Keynote List on another sheet if necessary.

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 - 1.1 Existing Finish Grade to remain.
 - 1.2 Rough/ Finish Grade, See Civil / Landscape.
 - 1.3 Planter Landscape Area, See Landscape.
 - 1.4 Landscape Area, See Landscape.
- 2.0 Sitework - Architectural**
 - 2.1 Concrete Stair / Ramp on Grade, Integrally Colored Davis Color (4Lbs) with Medium Broom Finish or Exposed Aggregate. See Hardscape Plans / Details. See Structural.
 - 2.2 Patios / Sidewalks 4" Concrete Integrally Colored Davis Color (4Lbs) with Medium Broom Finish or Exposed Aggregate. See Hardscape Plans / Details.
- 3.0 Concrete**
 - 3.1 Structural Concrete Slab on grade. See Structural.
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 - 3.3 Structural Concrete Footing / Turndown. See Structural.
 - 3.4 Structural Concrete Retaining Wall, EIFS Two Coat natural Color Finish, Painted Dunn Edwards Wooden Peg, DE6215 LRV 31. See Structural.
 - 3.5 Structural Concrete Column Bases, Integrally Colored Solomon Colors "Buckwheat" (4Lbs). See Structural.
 - 3.6 Structural Concrete Slab / Composite Metal Deck. See Structural.
- 4.0 Masonry**
 - 4.1 CMU Masonry Bearing Wall. See Structural.
 - 4.2 CMU Masonry Site Wall. See Structural.
 - 4.3 Pre-fabricated Masonry Fireplaces Isoterm. Magnum Series Model TBD, See Interior Design for detailing and Finishes.
 - 4.4 Mechanically attached Sandstone Veneer / Cladding, 2" thick maximum, 24" H maximum x 12" W maximum, "Pueblo", Honed finish.
- 5.0 Metals**
 - 5.1 Existing Exterior Steel Guardrail / Handrail System to remain. Painted Dunn Edwards "Chocolate Chunk" LRV 10.
 - 5.2 Exterior Steel Guardrail / Handrail System to match existing, Painted Dunn Edwards "Chocolate Chunk" LRV 10.
 - 5.3 Interior Steel Guardrail / Handrail "Custom Design" Finishes Detailing / TBD.

- 5.4 2" square Steel TS Guardrail / Handrail Post / Rail. Painted Dunn Edwards "Chocolate Chunk" LRV 10.
- 5.5 1/2" square Steel Guardrail / Handrail Post / Picket. Painted Dunn Edwards "Chocolate Chunk" LRV 10.
- 5.6 4" TS Steel Trellis Beam, Painted Dunn Edwards Chocolate Chunk LRV 10, See Structural.
- 5.7 3 x 8 Steel Trellis Column / Channels (Paired), Painted Dunn Edwards Chocolate Chunk LRV 10, See Structural.
- 5.8 4 x 6 Steel Angles (Paired) Trellis Beam Supports. Painted Dunn Edwards Chocolate Chunk LRV 10, See Structural.
- 5.9 Structural Steel WF Column, See Structural.
- 5.10 Structural Steel TS Column, See Structural.
- 5.11 Structural Steel PIPE Column, See Structural.
- 5.12 Structural Steel WF Beam, See Structural.
- 5.13 Structural Steel TS Beam, See Structural.
- 5.14 Corrugated/Perforated Metal Deck Painted Dunn Edwards Chocolate Chunk LRV 10, See Structural.,
- 5.15 Pre-fabricated Metal Truss, See Structural.
- 5.16 Pre-fabricated Steel Joist, See Structural.
- 5.17 Structural Metal C joist, See Structural.
- 5.18 3-5/8" Light Ga Metal Stud Framing At 24" OC. See Wall Types / Details.
- 5.19 6" Light Gauge Metal Stud Furring At 24" OC. See Wall Types / Details.
- 6.0 Wood**
 - 6.1 Distressed Timber / Glu-lam Beam Stained (Weathered Gray) and Sealed, See Structural
 - 6.2 Distressed Timber Column Cladding (Paired) Stained (Weathered Gray) and Sealed, See Structural.
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 - 6.4 Pre-fabricated Wood Joist, See Structural.
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 - 6.7 1/2" Plywood Sheathing (where Occurs) over 2 x Wood Blocking, Draft stop.
- 7.0 Thermal and Moisture Protection**
 - 7.1 Existing Standing Seam Metal Roof System - "Copper" to remain.
 - 7.2 Standing Seam Metal Roof System - "Copper" weathered to match existing roof finish, sealed.
 - 7.3 Split Structural Slab Balcony Deck / Site Retaining Walls to have American Hydrotech Hot Fluid Applied Membrane Waterproofing System / Protection Board, And Weep Holes As Required To Provide Appropriate Drainage.
 - 7.4 Slab on Grade at Interior Spaces to have 15 Mil PVC Under-Slab Vapor Barrier System.
 - 7.5 WR Grace Perma - Barrier - Fluid Applied Concealed Weather Resistive Barrier System, With Drainage Board, Continuous Over Gypsum Sheathing, At Exterior Walls With Mechanically Attached Sandstone Cladding or Drainage EIFS System
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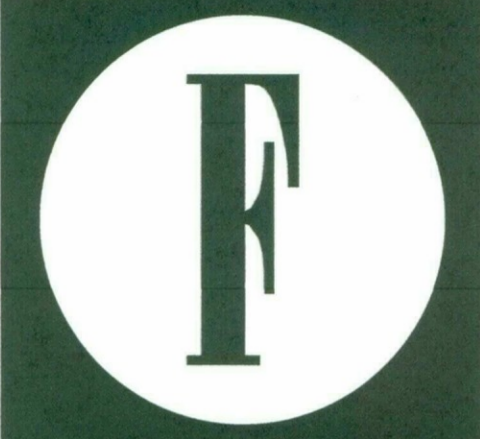
- 7.7 "Sarnifil" PVC Membrane Roof System, Over 1 Layer Of Isocyanurate Roof Sheathing, With 1/4" PLF Minimum Slope. Roof Crickets As Indicated / And Or / As Required To Provide Appropriate Roof Drainage.
- 7.8 Foil Faced Batt Insulation R 38 under Roof Deck and R 20 In Exterior Walls, Minimum.
- 7.9 Metal Chimney Flue - "Copper" weathered to match existing roof finish, sealed.
- 7.10 Parapet Cap - "Copper", weathered to match existing roof finish, sealed
- 7.11 Parapet Cap - Galvanized Steel Painted to match Adjacent Materials. Sealed.
- 7.12 Metal Flashing, "Copper" weathered to match existing roof finish, sealed. Finish, Sealed.
- 7.13 Flashing - Galvanized Steel, Painted to match Adjacent Materials. Sealed.
- 7.14 Pre-Fabricated Roof Drain / Overflow Assembly, See Plumbing.
- 8.0 Doors And Windows**
 - 8.1 Existing Aluminum / Glass Storefront Window / Door System to remain.
 - 8.2 Insulated Aluminum / Glass Storefront Window / Door System, Dark Bronze Anodized Aluminum, Thermal Break, W/ Expansion Receivers. Exterior Glazing, Solarban 60, with solar gray low-e coating, U-Value = .27, SHGC - .28.
 - 8.3 Insulated Aluminum Clad Wood / Glass Stacking Door System. Dark Bronze Anodized, Thermal Break, W/ Expansion Receivers. Exterior Glazing, Solarban 60, with solar gray low-e coating, U-Value = .27, SHGC - .28.
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 - 8.5 Aluminum Break Metal Cladding, Dark Bronze Anodized, To Match Window System, Thermally Insulate as required.
 - 8.6 Custom Wood / Glass Entry Doors, as scheduled.
 - 8.7 Hollow metal Door and Frame, as scheduled.
 - 8.8 Interior Doors / Windows, as Scheduled.
- 9.0 Finishes**
 - 9.1 Existing Drainage EIFS System to remain. Painted Dunn Edwards Wooden Peg, DE6215 LRV 31.
 - 9.2 Drainage EIFS System Primus Base Coat with Two Coat natural Color Finish. Painted Dunn Edwards Wooden Peg, DE6215 LRV 31.
 - 9.3 1" Pre-fabricated Metal Stucco Reveal, painted to match adjacent surface, caulk as required for watertight installation
 - 9.4 Suspended Gypsum Board Ceiling System. See Interior Design For Finish.
 - 9.5 1/2" Gypsum Board Sheathing (Exterior).
 - 9.6 1/2" Gypsum Board (Interior).
 - 9.7 See Interior Finish Schedule / Interior Elevations / Details for Material And Finish. (Interiors).
 - 9.8 1" GFRG Sheathing as Blocking (Fireplaces).
 - 9.9 Backer Rod and Sealant, Match Adjacent Color.

- 10.0 Specialties**
 - 10.1 Prefabricated Roof Hatch Assembly 2'-0" X 2'-6". w/ Ladder and accessories for complete installation.
- 11.0 Equipment**
 - 11.1 Contractor provided / contractor Installed Clock Assembly. Owner / Architect to specify. TBD.
- 12.0 Mechanical**
 - 12.1 Rooftop Mechanical Equipment. See Mechanical.
 - 12.2 Mechanical Ductwork. See Mechanical.
- 13.0 Plumbing**
 - 13.1 Fire Protection Line Location, See Deferred Submittal By General Contractor, Fore Protection Subcontractor.
- 14.0 Electrical**
 - 14.1 Light Fixture. See Electrical.
 - 14.2 Electrical Conduit Exposed, Architectural Installation, Paint To Match Painted To Match Firestone "Medium Bronze" Finish, Sealed. See Electrical.
 - 14.3 Electrical Conduit, "Conduit Style" 90 Degree Transition, Paint To Match Painted To Match Firestone "Medium Bronze" Finish, Sealed. See Electrical.
 - 14.4 Electrical Conduit, "Pancake J" Box Painted To Match Firestone "Medium Bronze" Finish, Sealed. See Electrical
- 15.0 Miscellaneous**
 - 15.1 Interiors Construction Beyond Shown For Context Only. See Interior Elevations / Design And Details For More Information.
 - 15.2 Millwork Item. See Interior Elevations / Design And Details For More Information.

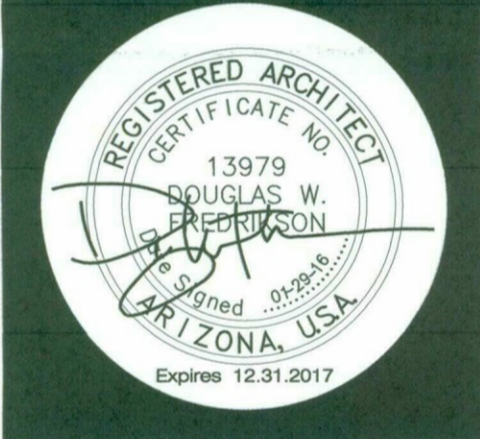
elevations

3/32" = 1'-0"

STIPULATION SET
FOR RECORDS
FINAL PLAN APPROVED
5-2-2016 DATE DATE
09/27/16 INITIALS



TROON GOLF & COUNTRY CLUB
RENOVATION
25000 NORTH WINDY WALK DRIVE
SCOTTSDALE, ARIZONA



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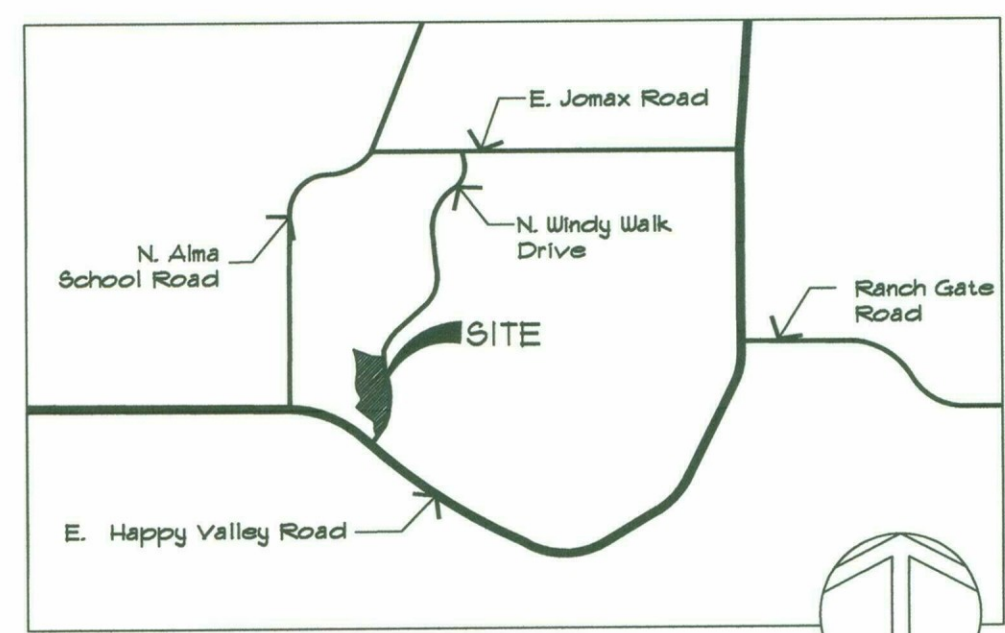
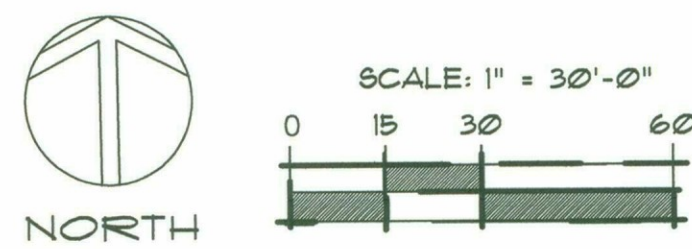
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PROJECT DATA

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LANDSCAPE ARCHITECT
 COLLABORATIVE V DESIGN STUDIO
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 SCOTTSDALE, AZ 85251
 PHONE: (480) 347-0590
 CONTACT: SCOTT HEFFERNAN
 SCOTT@COLLABORATIVEV.COM



VICINITY MAP
 N.T.S NORTH

NATIVE PLANT INVENTORY

LEGEND	SUMMARY	EXISTING PLANT LEGEND	QTY
S SALVAGE	TOTAL TREES TO BE DEMOLISHED	Existing Tree To Be Protected	6
D DEMOLISH	TOTAL TREES TO BE PROTECTED IN PLACE	Existing Tree To Be Demolished	6
PIP PROTECT IN PLACE	TOTAL CACTI TO BE PROTECTED IN PLACE	Existing Cacti To Be Salvaged	11
	TOTAL CACTI TO BE SALVAGED & RELOCATED	Existing Cacti To Be Protected	19
	TOTAL NUMBER OF PLANTS INVENTORIED		42

ID#	STATUS	SPECIES	SPECIES	TRUNK DIA. IN INCHES	HEIGHT IN FEET	WIDTH IN FEET	REMARKS
1300	S	Carnegiea gigantea	Saguaro				Spear
1301	D	Acacia shaffnerii	Twisted Acacia	20	16	19	Slope Condition, Mistletoe, Rock Condition
1302	S	Fouquieria splendens	Ocotillo	6	15		26 Canes
1303	S	Fouquieria splendens	Ocotillo	5	13		28 Canes
1304	S	Fouquieria splendens	Ocotillo	6	12		25 Canes
1305	S	Echinocactus grusonii	Golden Barrel			12-18	6 Heads
1306	S	Carnegiea gigantea	Saguaro		8		Spear
1307	S	Echinocactus grusonii	Golden Barrel			10-12	2 Heads
1308	D	Acacia shaffnerii	Twisted Acacia	15	13	14	Slope condition, Mistletoe, Rock Condition
1309	S	Echinocactus grusonii	Golden Barrel			6-9	10 Heads
1310	S	Stenocereus thurberi	Organ Pipe	5	6		9 Arms
1311	S	Echinocactus grusonii	Golden Barrel			9-16	3 Heads
1312	D	Acacia shaffnerii	Twisted Acacia	14	12		Mistletoe, Branching Structure
1313	D	Acacia shaffnerii	Twisted Acacia	13	10	5	Mistletoe, Branching Structure, Rock Condition
1314	S	Carnegiea gigantea	Saguaro				Spear
1315	D	Acacia salicina	Willow Acacia	8	17	9	Rock Condition, Proximity, Branching Structure
1316	D	Native Mesquite	Mesquite	19	16	14	Slope Condition, Rock Condition, Branching Structure, Proximity
1317	PIP	Carnegiea gigantea	Saguaro		8/6		2 Spears
1318	PIP	Echinocactus grusonii	Golden Barrel			6-10	5 Heads
1319	PIP	Echinocactus grusonii	Golden Barrel			6-16	10 Heads
1320	PIP	Carnegiea gigantea	Saguaro				Spear
1321	PIP	Carnegiea gigantea	Saguaro			14	Spear
1322	PIP	Carnegiea gigantea	Saguaro			5	Spear
1323	PIP	Yucca elata	Soaptree Yucca	5	4		
1324	PIP	Cylindropuntia acanthocarpa	Staghorn Cholla	4	4		
1325	PIP	Carnegiea gigantea	Saguaro			7	Spear
1326	PIP	Carnegiea gigantea	Saguaro			11	Spear
1327	PIP	Cercidium x "Desert Museum"	Desert Museum P.V.	15	12	6	Branching Structure
1328	PIP	Echinocactus grusonii	Golden Barrel			8-12	6 Heads
1329	PIP	Carnegiea gigantea	Saguaro			5	Spear
1330	PIP	Carnegiea gigantea	Saguaro			4	Spear
1331	PIP	Carnegiea gigantea	Saguaro			7	Spear
1332	PIP	Carnegiea gigantea	Saguaro			7	Spear
1333	PIP	Carnegiea gigantea	Saguaro			3	Spear
1334	PIP	Cercidium x "Desert Museum"	Desert Museum P.V.	17	11	7	Branching Structure
1335	PIP	Cercidium x "Desert Museum"	Desert Museum P.V.	12	10	6	Branching Structure, Slope Condition
1336	PIP	Carnegiea gigantea	Saguaro			12	Spear
1337	PIP	Native Mesquite	Mesquite			17	Slope Condition, Branching Structure, Proximity
1338	PIP	Cereus spp.	Cereus spp.	7	8		18 Arms, Proximity, Rock Condition
1339	PIP	Echinocactus grusonii	Golden Barrel			6-14	10 Heads
1340	PIP	Native Mesquite	Mesquite	23	16	17	Branching Structure, Root Condition
1341	PIP	Native Mesquite	Mesquite	15	12	11	Proximity, Branching Structure, Root Condition

GENERAL SALVAGE NOTES

1. ALL MATERIAL TO BE SALVAGED SHALL BE REMOVED BEFORE ANY CLEARING OR GRADING TAKES PLACE.
2. ALL SALVAGED PLANT MATERIAL WILL BE REUSED ON SITE.
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6. CONTRACTOR TO WALK PROJECT SITE WITH OWNER AND LANDSCAPE ARCHITECT PRIOR TO SALVAGE TO DETERMINE FINAL STATUS OF ALL EXISTING PLANT MATERIAL.

28-DR-2016
 09/27/16

**COLLABORATIVE V
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15117

issue date

09.14.16

revisions

NP1.10
 1 of 1

Native Plant Inventory

TROON GOLF & COUNTRY CLUB
 RENOVATION
 25000 NORTH WINDY WALK DRIVE
 SCOTTSDALE, ARIZONA

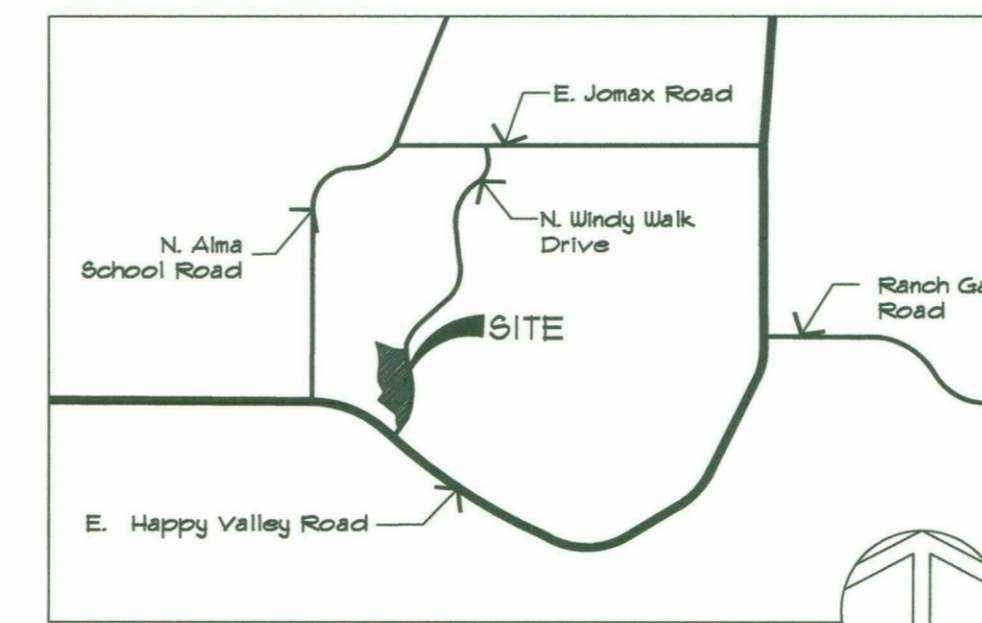
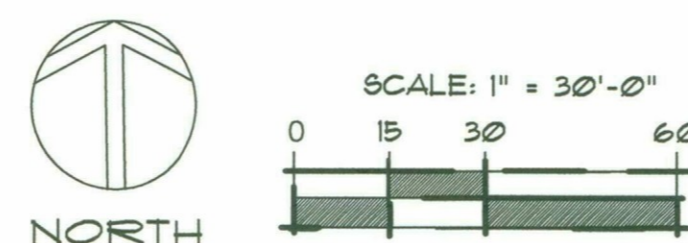
C.O.S. DR Submittal
 09/14/2016



PROJECT DATA

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 PHOENIX, AZ 85014
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 CONTACT: JUSTIN PASTERNAK
 JPASTERNAK@DFARCHITECTS.COM

LANDSCAPE ARCHITECT
 COLLABORATIVE V DESIGN STUDIO
 7116 E. 1ST AVENUE 103
 SCOTTSDALE, AZ 85251
 PHONE: (480) 347-0590
 CONTACT: SCOTT HEFFERNAN
 SCOTT@COLLABORATIVEV.COM



VICINITY MAP

N.T.S. NORTH

NATIVE PLANT INVENTORY

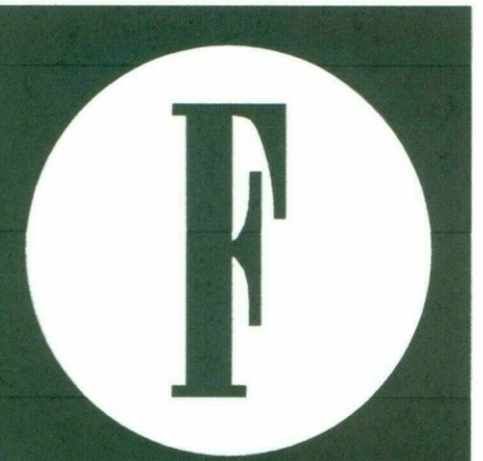
LEGEND	SUMMARY	EXISTING PLANT LEGEND	QTY
S SALVAGE	TOTAL TREES TO BE DEMOLISHED	Existing Tree To Be Protected	6
D DEMOLISH	TOTAL TREES TO BE PROTECTED IN PLACE	Existing Tree To Be Demolished	6
PIP PROTECT IN PLACE	TOTAL CACTI TO BE PROTECTED IN PLACE	Existing Cacti To Be Salvaged	11
	TOTAL CACTI TO BE SALVAGED & RELOCATED	Existing Cacti To Be Protected	19
	TOTAL NUMBER OF PLANTS INVENTORIED		42

ID#	STATUS	SPECIES	SPECIES	TRUNK DIA. IN INCHES	HEIGHT IN FEET	WIDTH IN FEET	REMARKS
1320	S	Carnegiea gigantea	Saguaro		12		Spear
1321	D	Acacia shaffnerii	Twisted Acacia	20	16	19	Slope Condition, Mistletoe, Rock Condition
1322	S	Fouquieria splendens	Ocotillo	6	15		26 Canes
1323	S	Fouquieria splendens	Ocotillo	5	13		28 Canes
1324	S	Fouquieria splendens	Ocotillo	6	12		25 Canes
1325	S	Echinocactus grusonii	Golden Barrel			12-18	6 Heads
1326	S	Carnegiea gigantea	Saguaro		8		Spear
1327	S	Echinocactus grusonii	Golden Barrel			10-12	2 Heads
1328	D	Acacia shaffnerii	Twisted Acacia	15	13	14	Slope condition, Mistletoe, Rock Condition
1329	S	Echinocactus grusonii	Golden Barrel			6-9	10 Heads
1310	S	Stenocereus thurberi	Organ Pipe	5	6		9 Arms
1311	S	Echinocactus grusonii	Golden Barrel			9-16	3 Heads
1312	D	Acacia shaffnerii	Twisted Acacia	14	12	12	Mistletoe, Branching Structure
1313	D	Acacia shaffnerii	Twisted Acacia	13	10	5	Mistletoe, Branching Structure, Rock Condition
1314	S	Carnegiea gigantea	Saguaro		7		Spear
1315	D	Acacia salicina	Willow Acacia	8	11	9	Rock Condition, Proximity, Branching Structure
1316	D	Native Mesquite	Mesquite	19	16	14	Slope Condition, Rock Condition, Branching Structure, Proximity
1317	PIP	Carnegiea gigantea	Saguaro		8/6		2 Spears
1318	PIP	Echinocactus grusonii	Golden Barrel			6-10	5 Heads
1319	PIP	Echinocactus grusonii	Golden Barrel			6-16	10 Heads
1320	PIP	Carnegiea gigantea	Saguaro			13	Spear
1321	PIP	Carnegiea gigantea	Saguaro			14	Spear
1322	PIP	Carnegiea gigantea	Saguaro			5	Spear
1323	PIP	Yucca elata	Soaptree Yucca	5	4		
1324	PIP	Cylindropuntia acanthocarpa	Staghorn Cholla	4	4		
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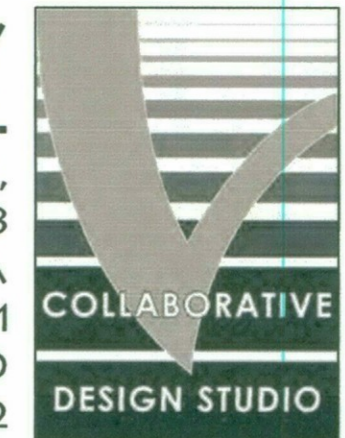
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28-DR-2016
09/27/16



**COLLABORATIVE V
 DESIGN STUDIO INC.**
 7116 EAST 1ST AVENUE,
 SUITE 103
 SCOTTSDALE, ARIZONA
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 OFFICE: 480-347-0590
 FAX: 480-656-6012



**TROON GOLF & COUNTRY CLUB
 RENOVATION**
 25000 NORTH WINDY WALK DRIVE
 SCOTTSDALE, ARIZONA

Douglas Fredrikson Architects
 727 east bethany home road, d-123
 phoenix, arizona 85014
 602.277.1625

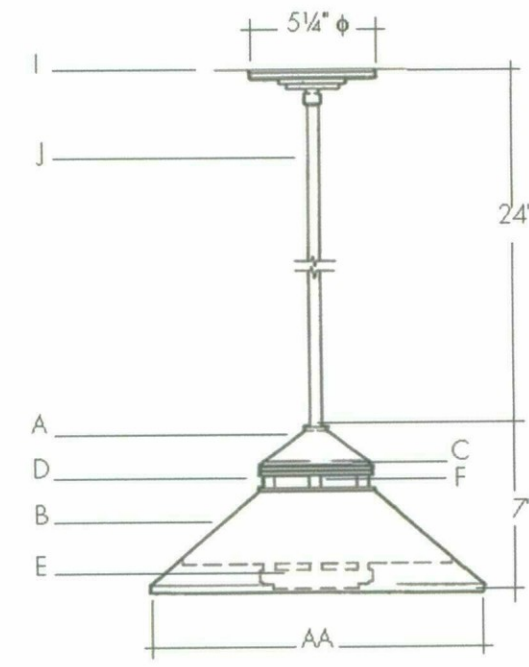
15117
 issue date
 09.14.16
 revisions

NP1.10
 1 of 1

C.O.S. DR Submittal
09/14/2016

Native Plant Inventory

TEKA ILLUMINATION



Description
Exterior and interior stem mounted luminaire

Materials and Construction

- A. Cast bronze cap
- B. Heavy solid copper shade
- C. Stainless steel or brass on stainless ring baffles
- D. Machined solid brass spacers
- E. Solid copper glass retainer with clear glass disc
- F. Clear glass cylinder
- G. Solid copper lampholder cover
- H. All stainless steel fasteners provided
- I. 28" swing-hang straight canopy with solid copper canopy cover
- J. Solid brass, heavy wall 1/4" IPS stem (1 1/2" O.D.)

Mounting
Recessed 4" octagonal box

Product Number	Lamp	Rings	AA	Finish Option
CSM-8246 / Natural	20W LED	St. Sl.	15"	Brown Patina

- Options available at additional cost
- Add suffix EP for brown patina
 - longer stem lengths up to 10ft. available - specify

Note
UL listed to ANSI/UL Standard 1598 and Certified to CAN/CSA Standard C22.2 No. 250

*Nickel plate

TEKA ILLUMINATION, INC.
40429 Backyard Drive, Modesto, California 95366 (559) 438-5800 Fax: (559) 438-5900 www.tekallumination.com

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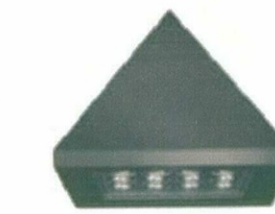
TYPE 'E'

T.41
Classic Stem Mount

Mitre™ LED-M2

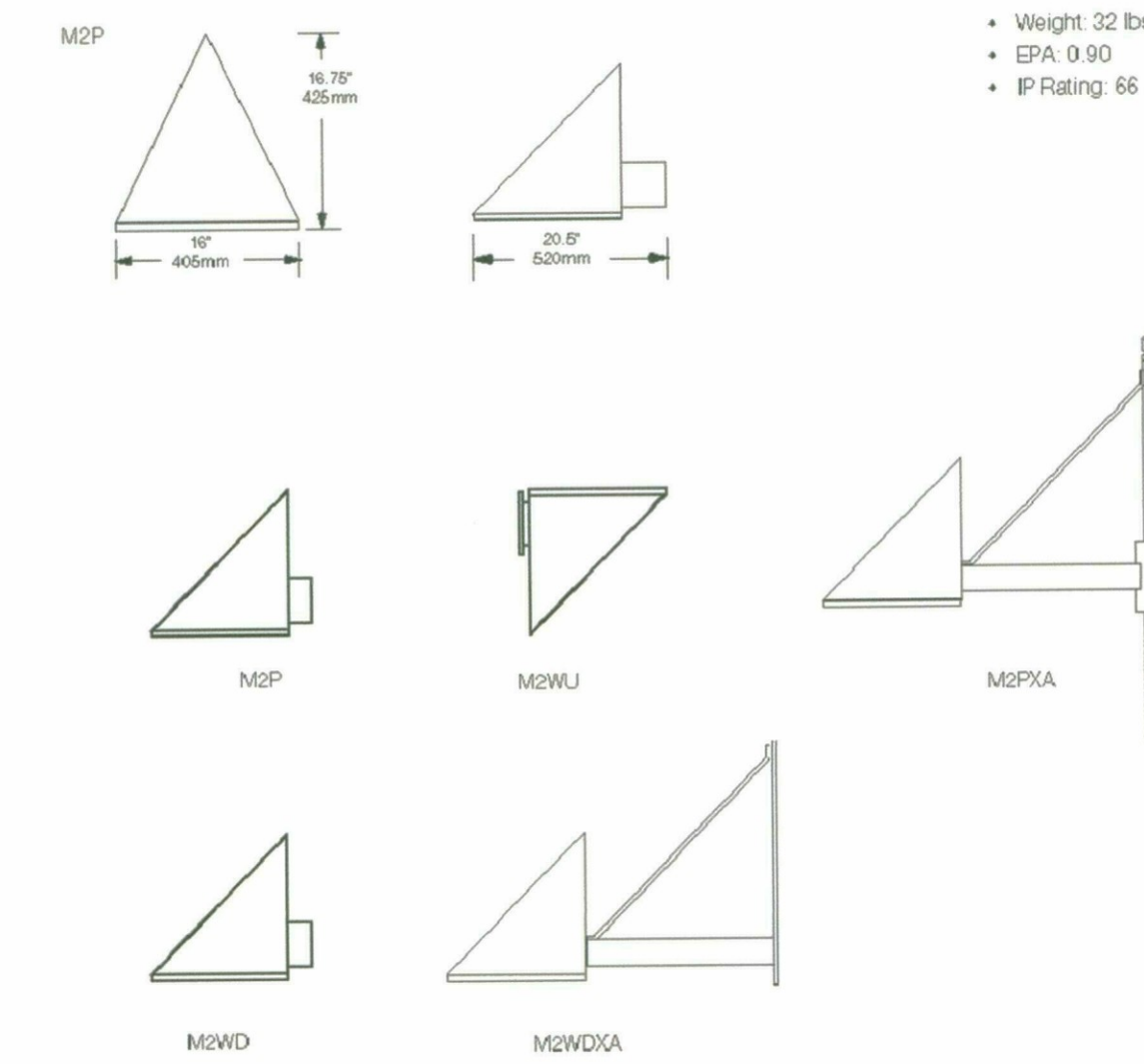
FEATURES

- Reliable, uniform, glare free illumination
- Types II, III, IV, V and custom distributions
- 3000K, 4000K, 5000K CCT
- 0-10V dimming ready
- Integral surge suppression
- LifeShield™ thermal protection
- 13 standard powder coat finishes
- Upgrade Kits



SPECIFICATIONS

- Weight: 32 lbs
- EPA: 0.90
- IP Rating: 66



ARCHITECTURAL AREA LIGHTING
18555 East Gale Ave. | City of Industry | CA 91745
P 626.968.6666 | F 626.369.2666 | www.aal.net
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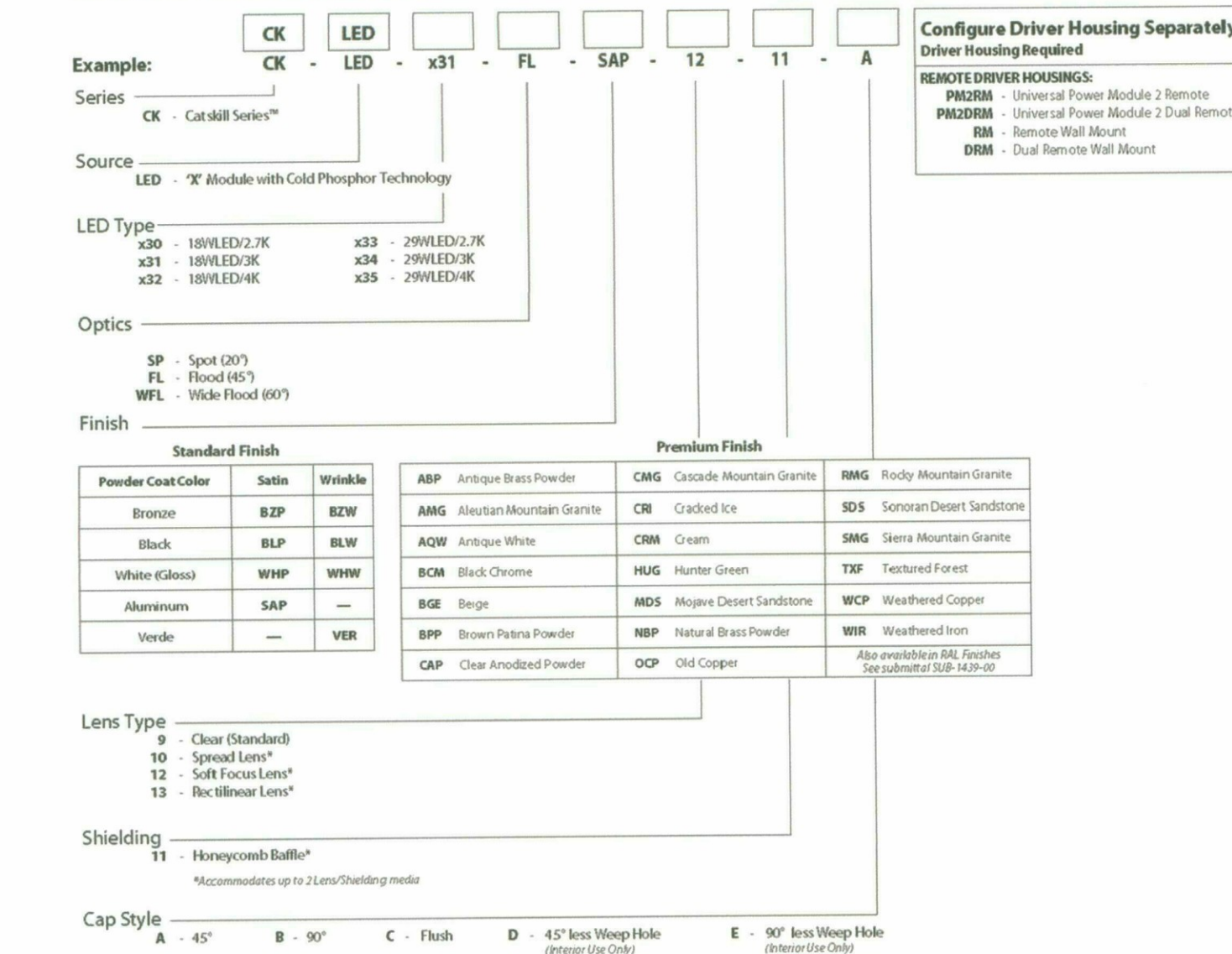
JOB TYPE NOTES:

TYPE 'J'



PROJECT: _____
TYPE: _____
CATALOG NUMBER: _____
SOURCE: _____
NOTES: _____

CATALOG NUMBER LOGIC



LM79 DATA				L70 DATA				OPTICAL DATA			
BK No.	Lumens (Source)	CCT (Typ)	CRI (Typ)	Color Consistency	Input Watts (Typ)	Minimum Rated Life (hrs.) 70% of initial lumens (L70)	Beam Type	Angle	x32 CRI/CP	x35 CRI/CP	
x01	1100	2700K	>80	±40K	18	50,000	Spot	20°	2698	4292	
x02	1100	3000K	>80	±50K	18	50,000	Flood	42°	1270	1878	
x03	1100	4000K	>80	±70K	18	50,000	Wide Flood	60°	989	1450	
x04	2000	2700K	>80	±40K	29	50,000					
x05	2000	3000K	>80	±50K	29	50,000					
x06	2000	4000K	>80	±70K	29	50,000					

40429 Backyard Drive • Modesto, CA 95366 • USA
800.438.5800 • FAX 559.438.5900
www.b-k-lighting.com • info@b-k-lighting.com

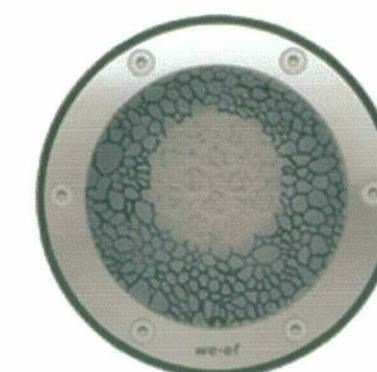
SUBMITTAL DATE: 03-23-15
DRAWING NUMBER: SUB001114

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ETC330-GB LED ASC

611-3347

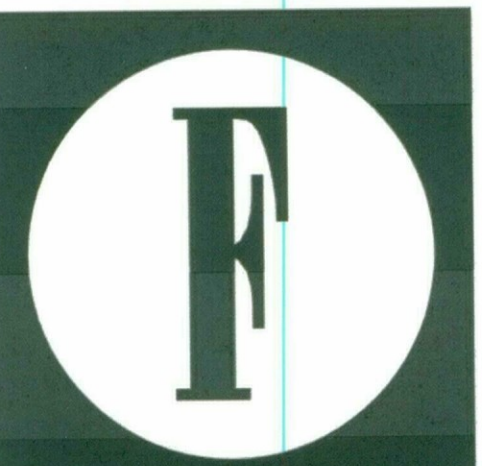
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Description
IP67 In-ground LED upright. Suitable for flush installation in concrete or earth. Offset gimbal mounted lamp module, with lockable aiming, 30° vertical tilt, and 300° horizontal rotation. Special effects can be realized with linear lens, flood lens, or color filters.

Beam Type	symmetric, wide beam
Lamp Type	12 LED 12W (4000K)
Gear Type	electronic gear
Nominal Luminous Flux (lm)	
LED Lumens	134.5 lm
LEDs	12
Total Lumens	1614 lm
Tj	85 °C
Rated Luminous Flux (lm)	
LED Lumens	88.4 lm
Total Lumens	1060.8 lm
Ta	25 °C
Rated Input Power	14 W

TYPE 'K'



TRON GOLF & COUNTRY CLUB
RENOVATION

25000 NORTH WINDY WALK DRIVE
SCOTTSDALE, ARIZONA



Douglas Fredrikson Architects
727 east bethany home road, d-123
phoenix, arizona 85014
602.277.1625

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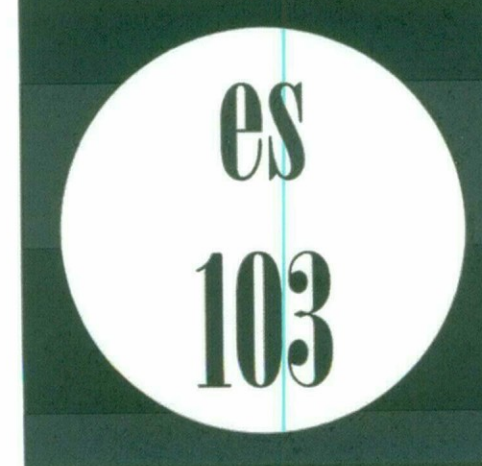
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issue date

03.07.16

revisions

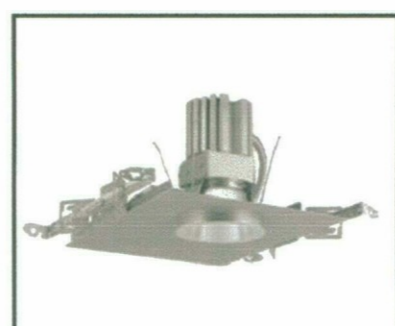
Job No. 16144
Michelle Meisenbach
michelle@mwegroup.com
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2001 W Alameda Drive, Suite 102 Tempe, AZ 85282
mw engineering, llc
Electrical Consulting Engineering Group



C.O.S. DR Submittal-2nd
09/19/2016

28-DR-2016
09/27/16

TYPE 'A'



4" LED Downlight LF4LEDG4
120V-277V
High Efficacy
0-10V Dimming

APPLICATIONS:
LifeFrame LF4LED is a 4" specification grade LED open downlight that utilizes remote phosphor technology to obtain color consistency, energy savings, and low maintenance costs. 50,000 hours minimum life up to 35°C (95°F) in open plenum applications.

HOUSING:
One-piece 22 gauge non-corrosive steel platform. Powdered blue with snap-on cover for easy access. Snap-on connection from driver compartment allows easy installation of light engine/trim assembly without tools above or below the ceiling and can be upgraded to accommodate technology improvements. Approved for 8 (4 in/4 out) No. 12 AWG conductors rated for 90°C through wiring.

REFLECTOR:
High purity aluminum, Alzak, and recessed, suppressed, semi-diffuse reflector. Self-trim standard. Painted white self-trim (WT) available as option.

LED LIGHT ENGINE:
The LF4LED uses the Philips Fortimo DIM Gen 4 LED Module with remote phosphor technology. This technology provides controlled color consistency (3 SDCA) from fixture to fixture. The system is designed for optimal life and lumen maintenance (50,000 hours at 70% lumen maintenance). Both reflector and light engine assembly are mechanically retained to housing. The light engine comes standard with 80 CRI in all Kelvin temperatures.

LED DRIVER:

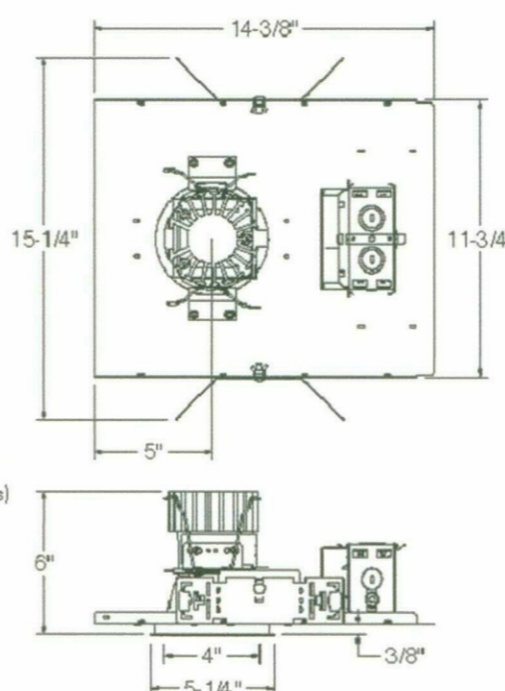
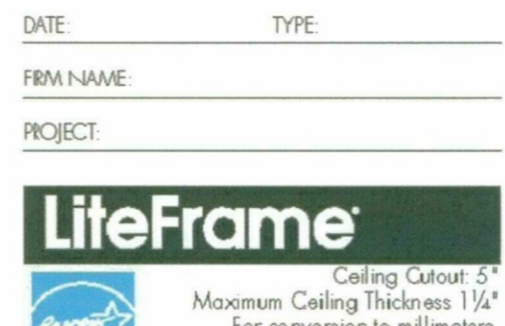
The LF4LED utilizes the Philips Fortimo LED Driver specifically designed to optimize efficiency of the Fortimo DIM Module. Driver is designed to match the 50,000 hours minimum life expectancy of the system. Meets UL Class 2, inherent short circuit protection, self limited, overvoltage protected. If critical temperatures are reached on driver or LED module, integrated thermal feedback loop will gradually reduce current to protect system life. Driver is universal 120V/277V. Optional Lutron Series A driver is also available.

DIMMING:
Comes standard with 0-10V dimming capability. Flicker-free dimming to 10%. 0-10V control may consume up to 1mA. 0-10V, Lutron 2 wire, 3 wire, and EcoSystem dimming available to 1% and DMX with RDM (remote device management) dimming to less than 0.1%.

INSTALLATION:
Adjustable Bar hangers included. Universal adjustable mounting brackets also accept 1/2" EMT conduit or 1 1/2" or 3/4" fishing channel (by other) or Prescolite 24" bar hangers (B24 or B4).

CERTIFICATIONS:
CSA certified to US and Canadian safety standards. Suitable for wet locations. Approved for through wiring. Non-IC rated. EMR is damp rated use only. ENERGY STAR qualified with open clear Alzak reflector. UL approved for NSF2 splash zone applications.

WARRANTY:
5 year warranty. See www.prescolite.com for details.



See sheet 3 EMR line art.

EXAMPLE: LF4LEDG4-4LF4LEDG430K
EXAMPLE: LF4LEDG4-120HDM-4LF4LEDG435KVHWT

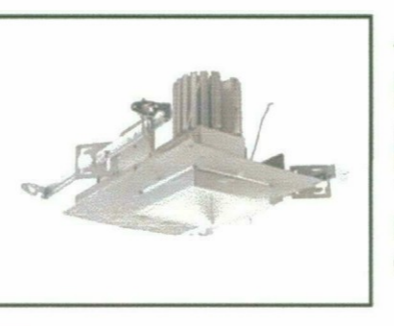
CATALOG NUMBER

Order housing, reflector, and accessories separately.

HOUSING/LED GENERATION	VOLTAGE	OPTIONS	TRIM	LED COLOR TEMP	REF FINISH	REFLECTOR COLORS	REF OPTIONS	ACCESSORIES
LF4LEDG4	120V-277V	Blank, EMR ² , Emergency Battery Pack with remote test switch and indicator light, CP ²	Blank, 100 Lumen Module, 1500 Lumen Module, 4LF4LEDG4	30K, 35K, 40K	Blank, Semi-Diffuse	Blank, Clear, COG, Champagne Gold, BL, Black, WE, Wheat, LW, Light Wheat, PW, Pewter, WH ¹ , White Point	WT, White Trim, COG, Ties die/gasket, AM ^{3A} , Antistat clear coating on clear Alzak reflector only, Chicago Plenum	B24, Set of two 24" bar hangers for 14" callings, B6, Set of two (2) bar hangers for ceiling grid up to 24" centers, LubeGard, See page 3 for availability

In a continuing effort to offer the best product possible we reserve the right to change, without notice, specifications or materials that in our opinion will not alter the function of the product. LFR-LED-029

TYPE 'B'



4" Square LED Open Downlight LF4SQLEDG4
120V-277V
High Efficacy
0-10V Dimming

APPLICATIONS:
LifeFrame LF4SQLED is a 4" specification grade LED open downlight that utilizes remote phosphor technology to obtain color consistency, energy savings, and low maintenance costs. 50,000 hours minimum life up to 35°C (95°F) in open plenum applications.

HOUSING:
One-piece 22 gauge non-corrosive steel platform. Powdered blue with snap-on cover for easy access. Snap-on connection from driver compartment allows easy installation of light engine/trim assembly without tools above or below the ceiling and can be upgraded to accommodate technology improvements. Approved for 8 (4 in/4 out) No. 12 AWG conductors rated for 90°C through wiring.

REFLECTOR:
Self-trim standard. Painted white self-trim (WT) available as option. Reflector is made from anodized Alzak Mini 4 aluminum.

LED LIGHT ENGINE:
The LF4SQLED uses the Philips Fortimo DIM Gen 4 LED Module with remote phosphor technology. This technology provides controlled color consistency (3 SDCA) from fixture to fixture. The system is designed for optimal life and lumen maintenance (50,000 hours at 70% lumen maintenance). Both reflector and light engine assembly are mechanically retained to housing. The light engine comes standard with 80 CRI in all Kelvin temperatures.

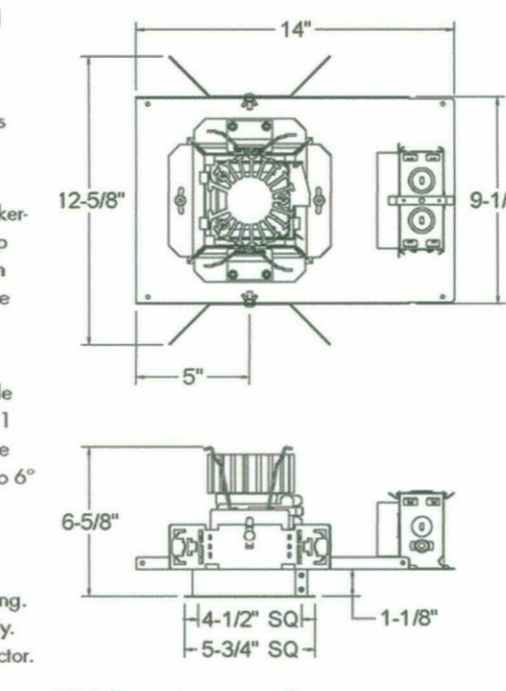
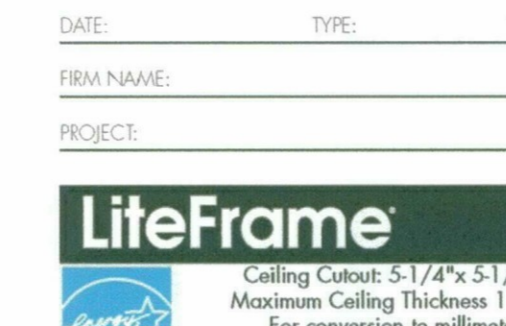
LED DRIVER:
The LF4SQLED utilizes the Philips Fortimo LED Driver specifically designed to optimize efficiency of the Fortimo DIM Module. Driver is designed to match the 50,000 hours minimum life expectancy of the system. Meets UL Class 2, inherent short circuit protection, self limited, overvoltage protected. If critical temperatures are reached on driver or LED module, integrated thermal feedback loop will gradually reduce current to protect system life. Driver is universal 120V/277V. Optional Lutron Series A driver is also available.

DIMMING:
Comes standard with 0-10V dimming capability. Flicker-free dimming to 10%. 0-10V control may consume up to 1mA. 0-10V, Lutron 2 wire, 3 wire, and EcoSystem dimming available to 1% and DMX with RDM (remote device management) dimming to less than 0.1%.

INSTALLATION:
Adjustable Bar hangers included. Universal adjustable mounting brackets also accept 1/2" EMT conduit or 1 1/2" or 3/4" fishing channel (by other) or Prescolite 24" bar hangers (B24 or B4). Housing provides up to 6° rotational adjustment of the square trim.

CERTIFICATIONS:
CSA certified to US and Canadian safety standards. Suitable for wet locations. Approved for through wiring. Non-IC rated. EMR is damp rated and for US use only. ENERGY STAR qualified with open clear Alzak reflector. UL approved for NSF2 splash zone applications.

WARRANTY:
5 year warranty. See www.prescolite.com for details.



EMR line art on page 3

EXAMPLE: LF4SQLEDG4-4SQLEDG430K
EXAMPLE: LF4SQLEDG4-120HDM-4SQLEDG435KVHWT

CATALOG NUMBER

Order housing, reflector, and accessories separately.

HOUSING/LED GENERATION	VOLTAGE	OPTIONS	TRIM	LED COLOR TEMP	REF FINISH	LOWER REF. COLOR	REF. OPTIONS	ACCESSORIES
LF4SQLEDG4	120V-277V	Blank, EMR ² , Emergency Battery Pack with remote test switch and indicator light, CP ²	Blank, 100 Lumen Module, 1500 Lumen Module, 4LF4SQLEDG4	30K, 35K, 40K	Blank, Semi-Diffuse	Blank, Clear, COG, Champagne Gold, BL, Black, WE, Wheat, LW, Light Wheat, PW, Pewter, WH ¹ , White Point	WT, White Trim, COG, Ties die/gasket, AM ^{3A} , Antistat clear coating on clear Alzak reflector only, Chicago Plenum	B24, Set of two 24" bar hangers for 14" callings, B6, Set of two (2) bar hangers for ceiling grid up to 24" centers, LubeGard, See page 3 for availability

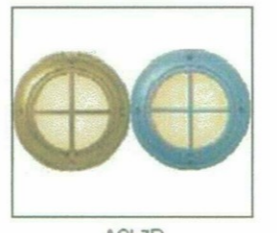
In a continuing effort to offer the best product possible we reserve the right to change, without notice, specifications or materials that in our opinion will not alter the function of the product. LFR-LED-016

TYPE 'C'

ASL7R - Steplights 7" Round

- A complete range of steplights designed for elegance in harsh environments
- Available with energy efficient LED
- Brass facia, glass lenses and composite housings make these steplights impervious to the elements

- Features a spun, anodized aluminum parabolic reflector
- Powder coat finish in thirteen standard colors with a polymer primer sealer



1. LUMINAIRE	2. LAMP/BALLAST	3. COLOR	4. OPTIONS	5. MOUNTING
ASL7-RD-FR (Fixed lens) ASL7-RD-LS (Linear spread lens) ASL7-RD-CROSS-FR (Cross with fixed lens) ASL7-RD-CROSS-LS (Cross with linear spread lens) ASL7-RD-EYE (Eyelet)	LED (3-LED array (5 watts), Warm white (3000K), Neutral white (4000K), Bright white (5000K), 120 thru 277 volt) 3-LED-WW 3-LED-NW 3-LED-BW	WH Arctic White BL Black BLT Matte Black DGN Dark Green DB Dark Bronze WDB Weathered Bronze MDB Bronze Metallic	YBU Myth Blue CRT Copper MAL Matte Aluminum MG Medium Grey AGN Antique Green LGD Light Grey PAL Phenom Color CUSTOM ** Contact Factory	Standard mounting is flush mounted. Choose one of these options only if another mounting is desired. SEMI (Glass mounted for wall or ceiling installation. Includes an anodized aluminum sleeve and cast aluminum back plate. ADA compliant. Available only in a painted finish) SURF (Surface mounting for wall or ceiling installation. Includes an anodized aluminum sleeve and cast aluminum back plate. ADA compliant. Available only in a painted finish) REX (Recessed ceiling mounting includes a rough in box and wiring compartment. Minimum 5/16" clearance above the ceiling)

ARCHITECTURAL AREA LIGHTING
16655 East Gale Ave. | City of Industry | CA 91745
P: 626.968.6968 | F: 626.969.2886 | www.aal.net
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TYPE 'D'

CLASSIC WALL MOUNT (CWM)

PROJECT: _____
TYPE: _____
CATALOG NUMBER: _____
SOURCE: _____
NOTES: _____

CATALOG NUMBER LOGIC

Example: CWM - 12 - LED - 20 - B - POL - 120 - MESH

Series: CWM Classic Wall Mount

Shade Size: 12 - 12 inch, 15 - 15 inch

Source: LED

Lamp: 20

Ring Stack: B - Brass, S - Stainless Steel*

Finish: NAT - Natural, OP - Opium Palace*, MC - Metal Flake*, BW - Bronze Writable Powder Coat (See Powder Coat Finish Chart for Available Choices)

Voltage: 120 - 120 VAC Input

Option: CLR - Clear Coat Protection (for use with Natural (NAT) finishes), MESH - Mesh Screen (finish to match fixture), DT - Dark Top (eliminates glare in window above shade. Finish to match fixture)

Standard Finish	Premium Finish
ABP Antique Brass Powder	HUG Hunter Green
AMS Alaskan Mountain Granite	MDS Mojave Desert Sandstone
AQW Antique White	NBP Natural Brass Powder
BCM Black Chrome	OCF Old Copper
BGE Bronze	RMG Rocky Mountain Granite
BPB Brown Petra Powder	SOS Sonoran Desert Sandstone
CAP Clear Anodized Powder	SSS Sierra Mountain Granite
CMS Cascade Mountain Granite	TFX Textured Forest
CRN Cashmere	WCP Weathered Copper
CNM Cashmere	WRW Weathered Iron

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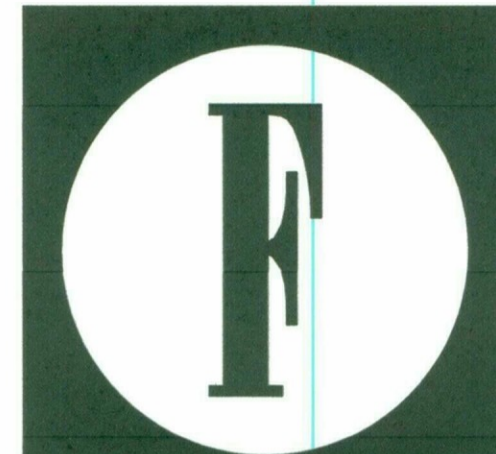
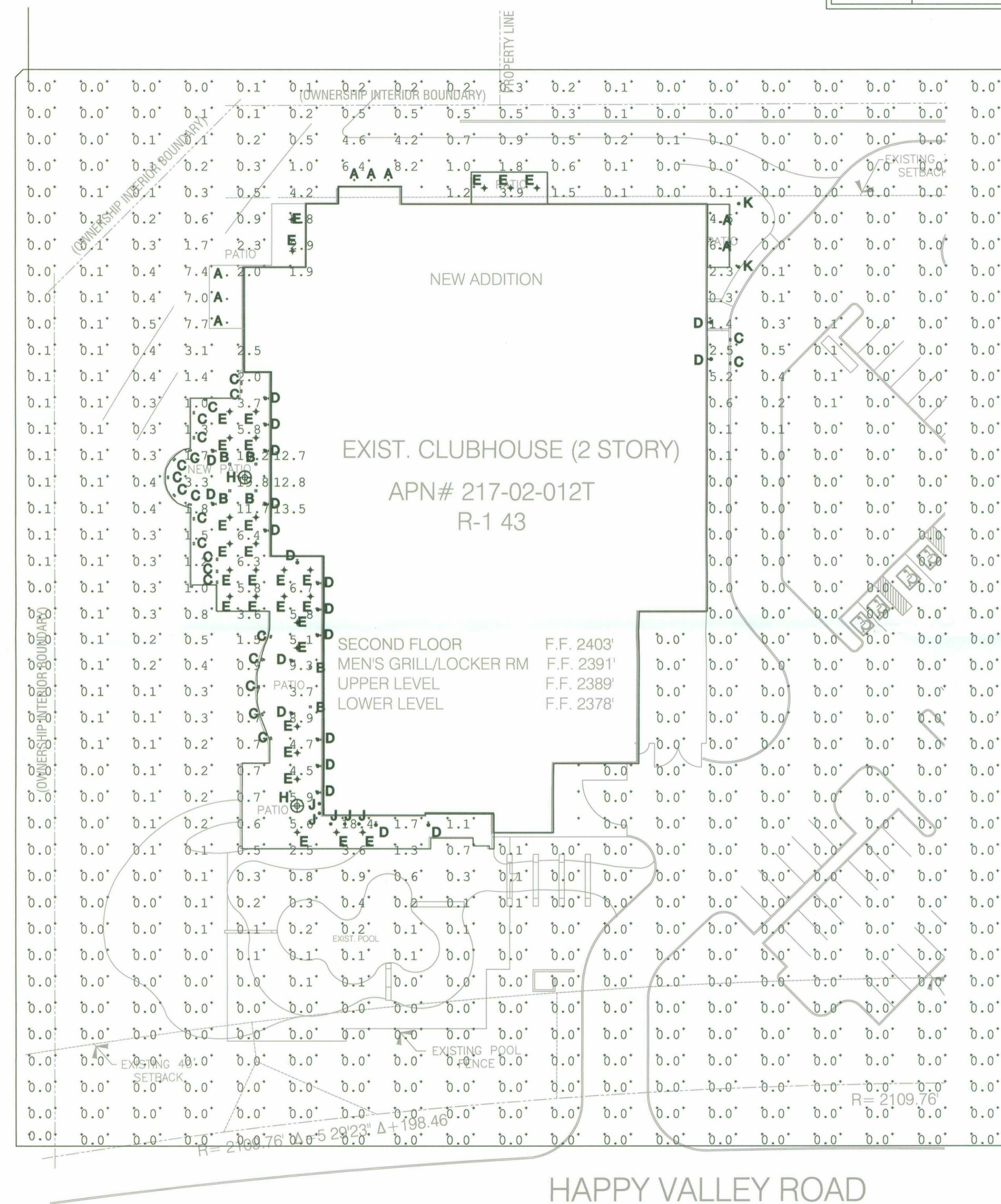
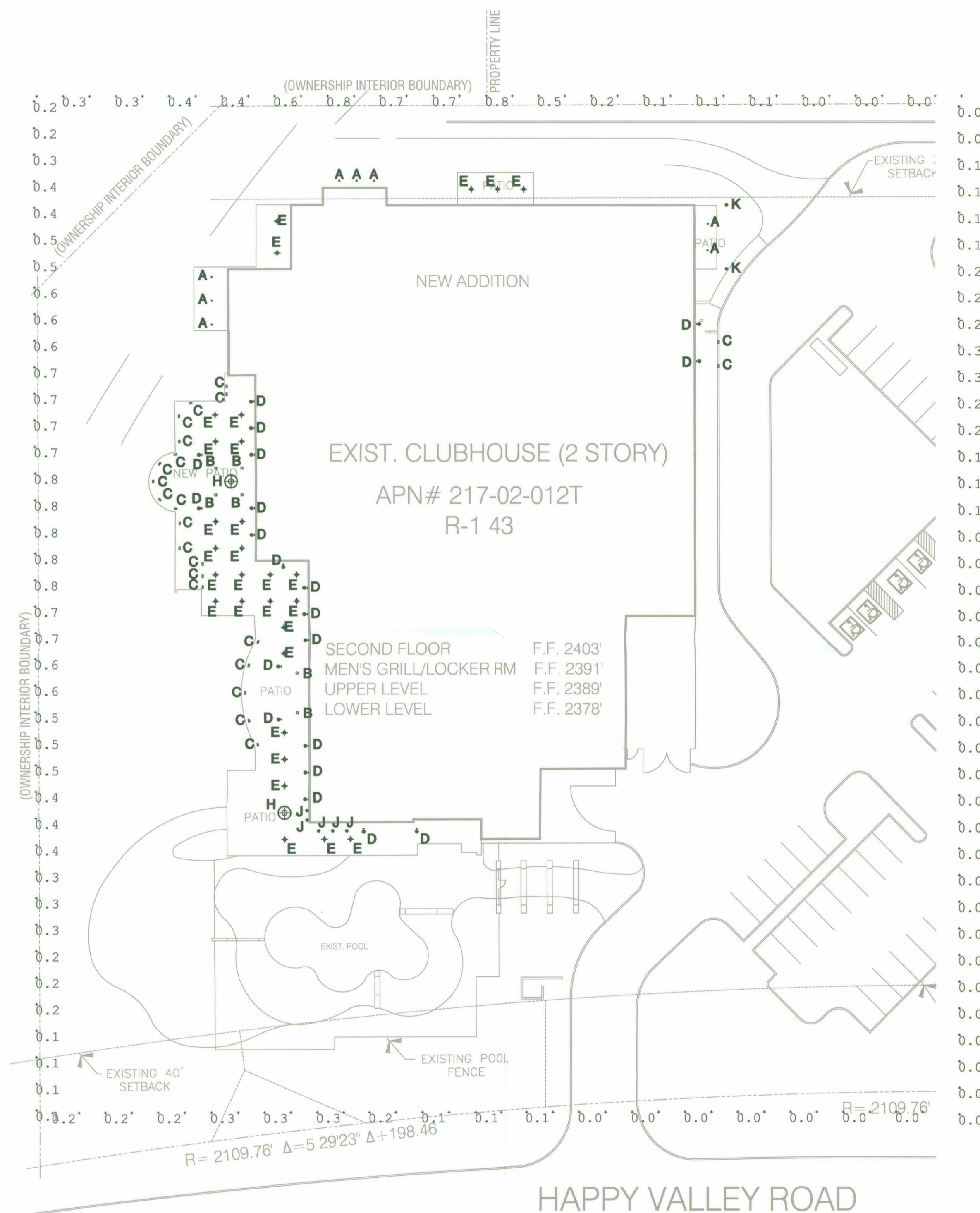
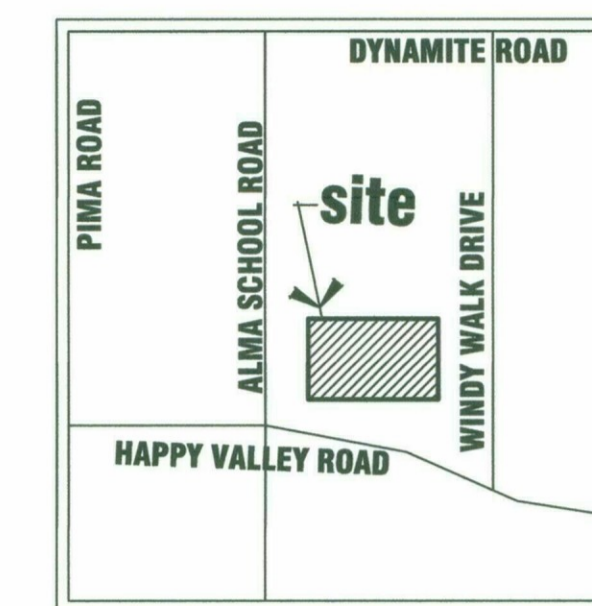
Professional Engineer (Electrical)
31172 DAVID G. WATSON
Expires 3/31/18

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phoenix, arizona 85014
602.277.1625

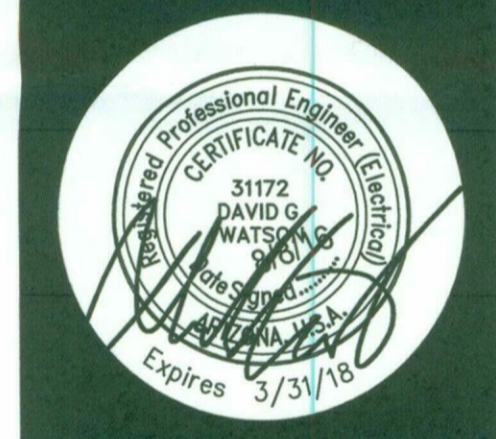
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Vicinity Map



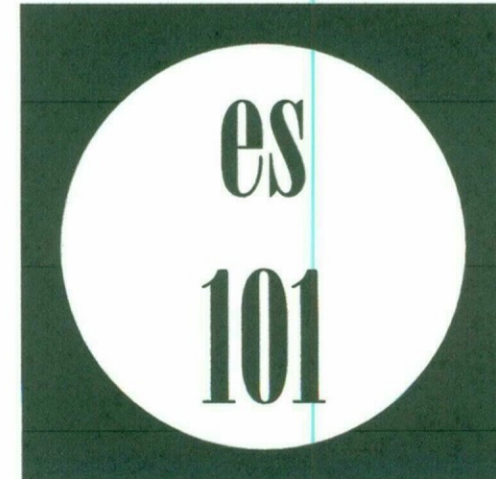
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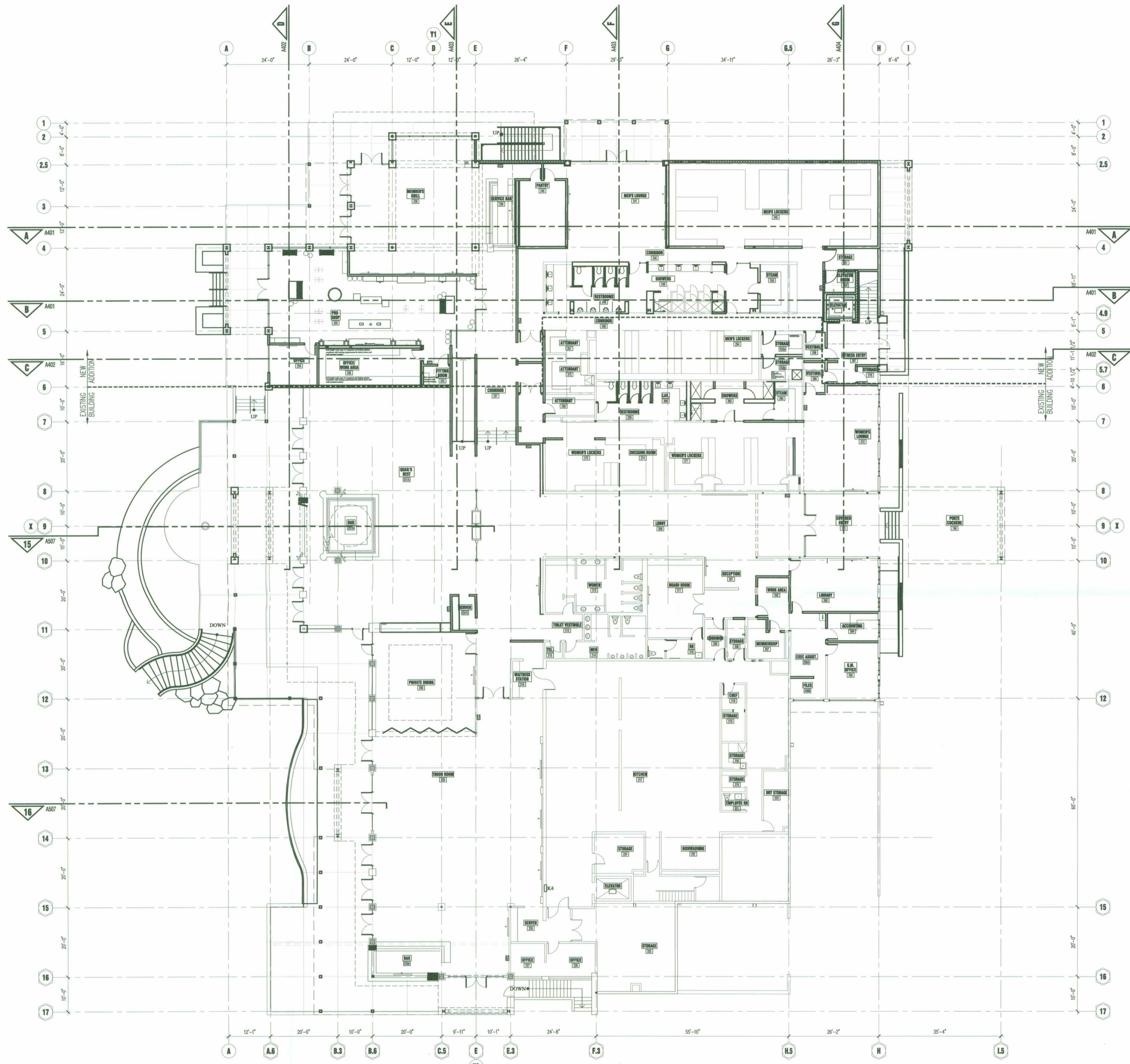
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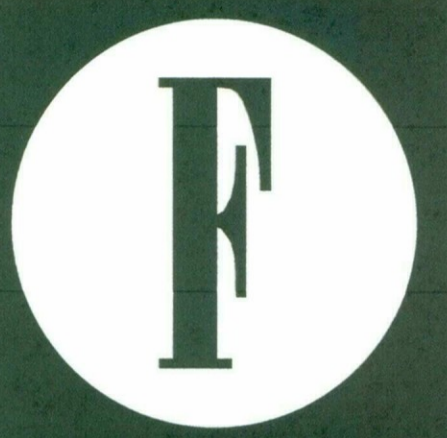
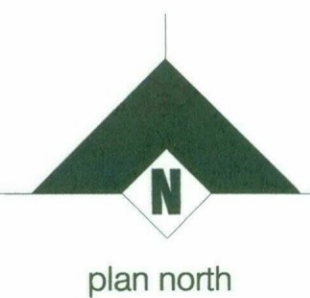
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Electrical Consulting Engineering Group

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floor plan-entry level/L1

scale 1/16" = 1'-0"
 0 16 32



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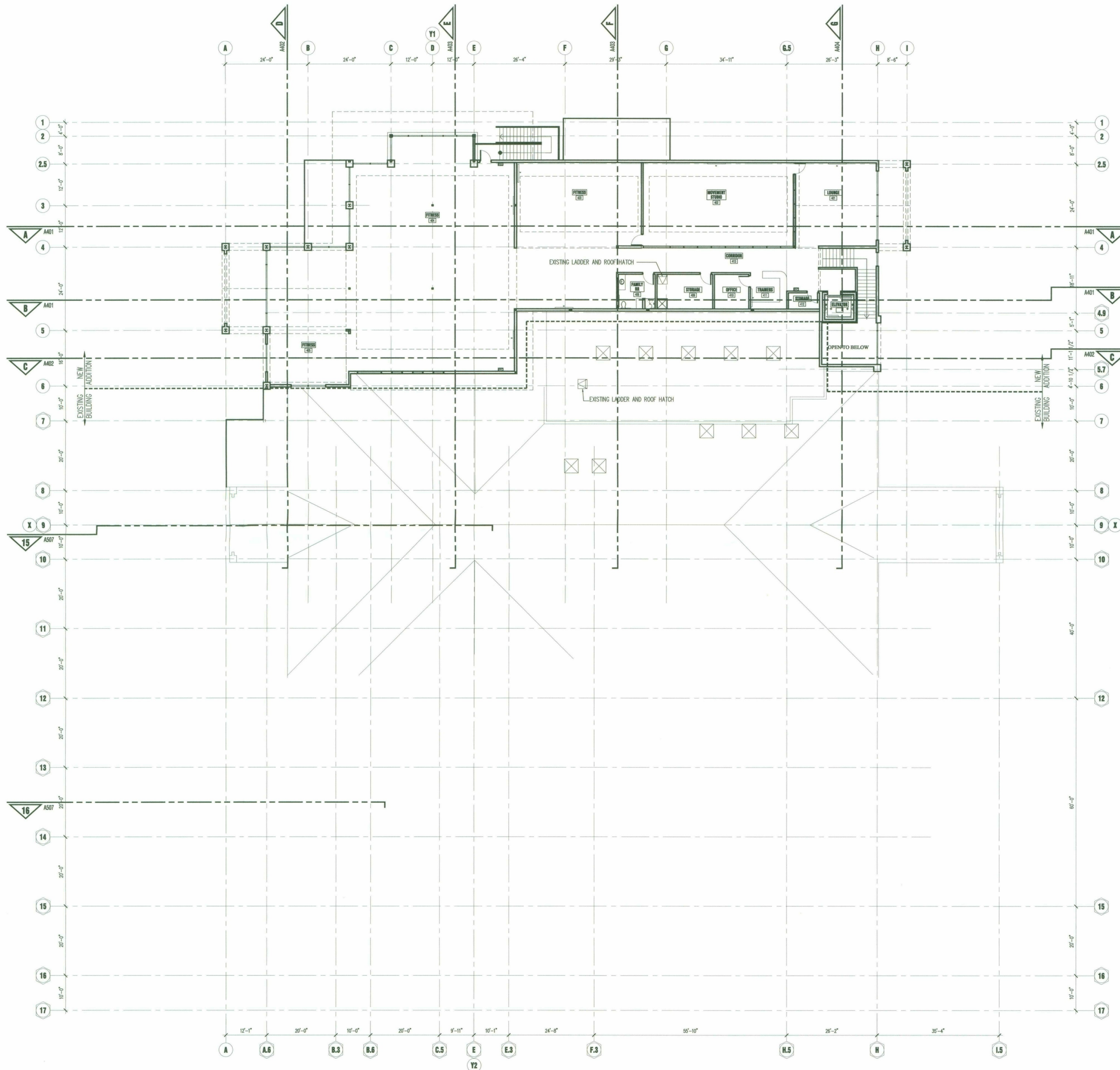
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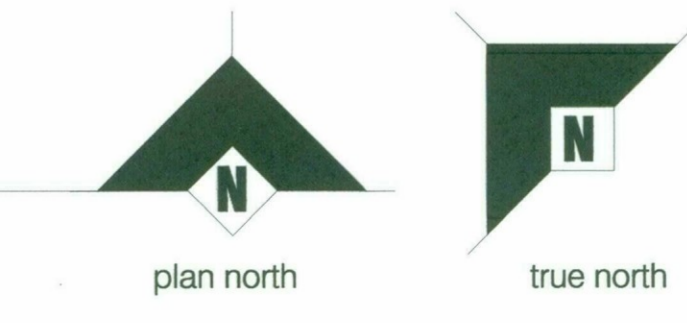
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floor plan-L2

scale 1/16" = 1'-0"
0 16 32



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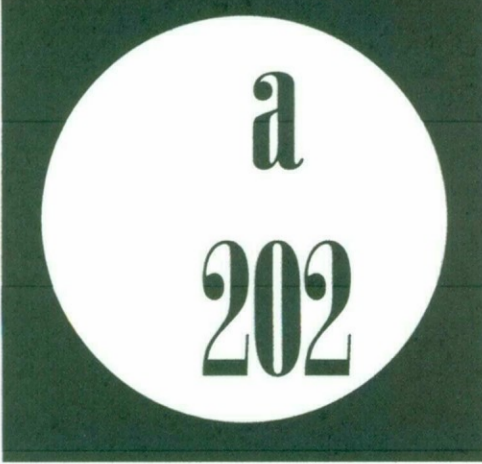
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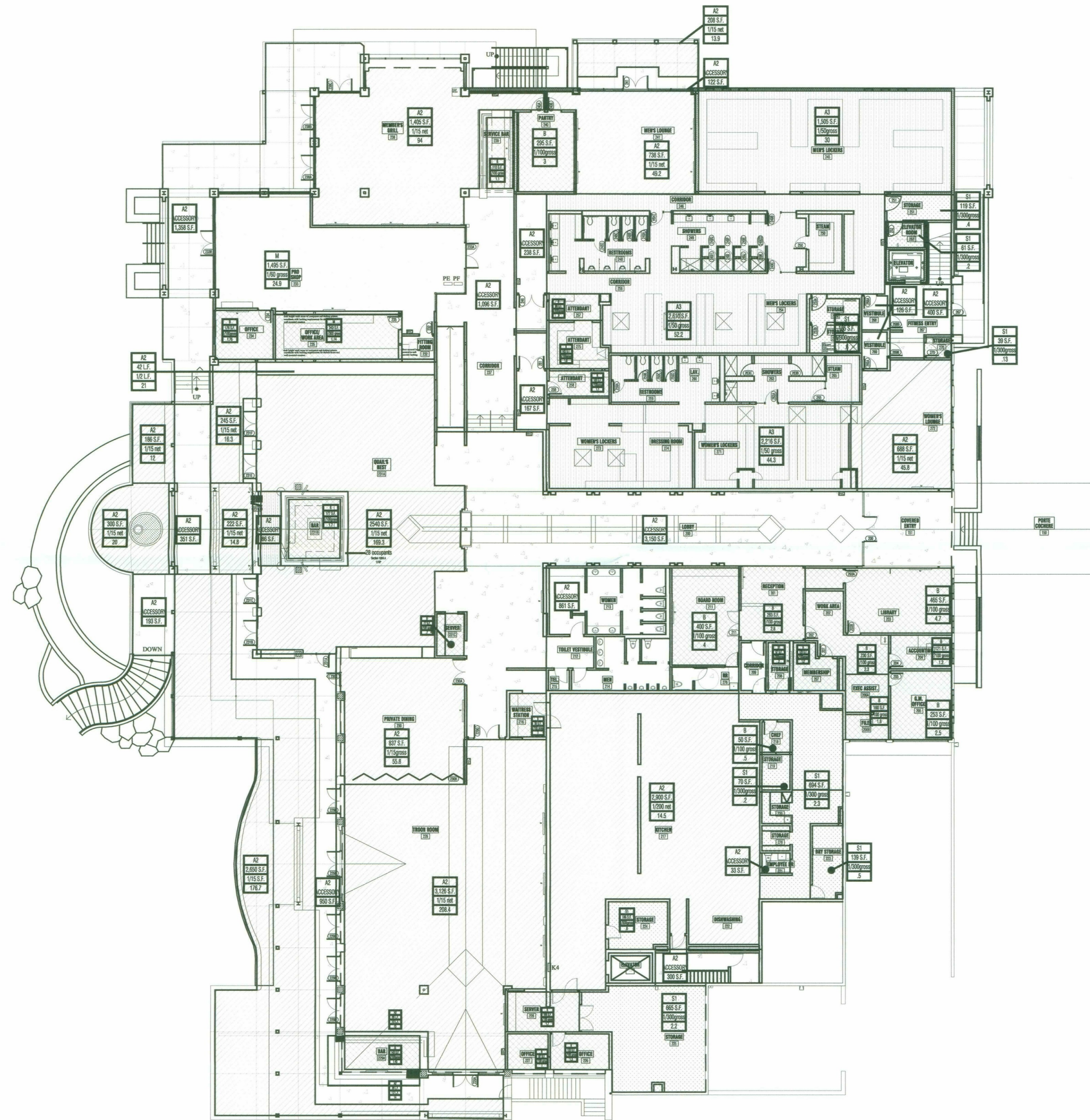
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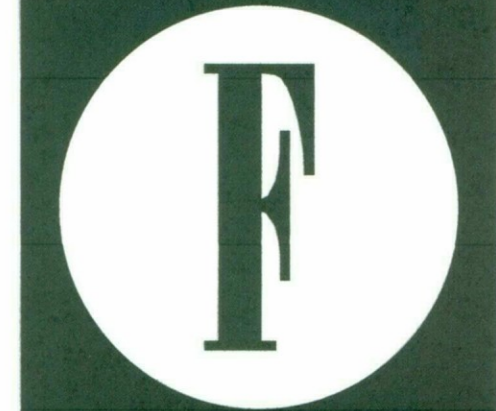
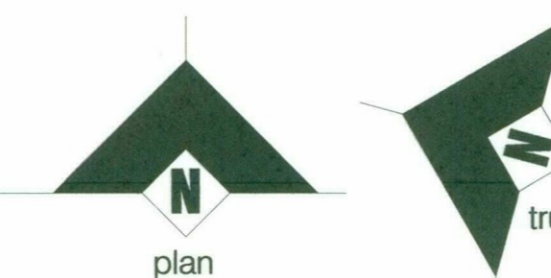


symbol legend

A2	= occupancy type
255 S.F.	= room area (sq. ft.)
1/15 NET	= occupant load factor
17	= occupant load

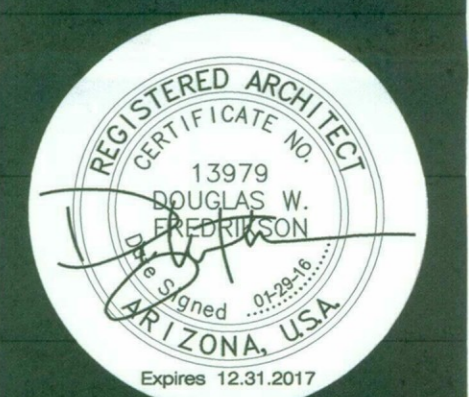
area analysis - main level / level 1

scale: 1/16" = 1'-0"



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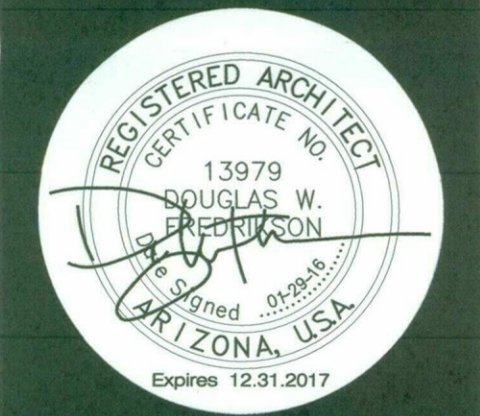


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area analysis - level 2

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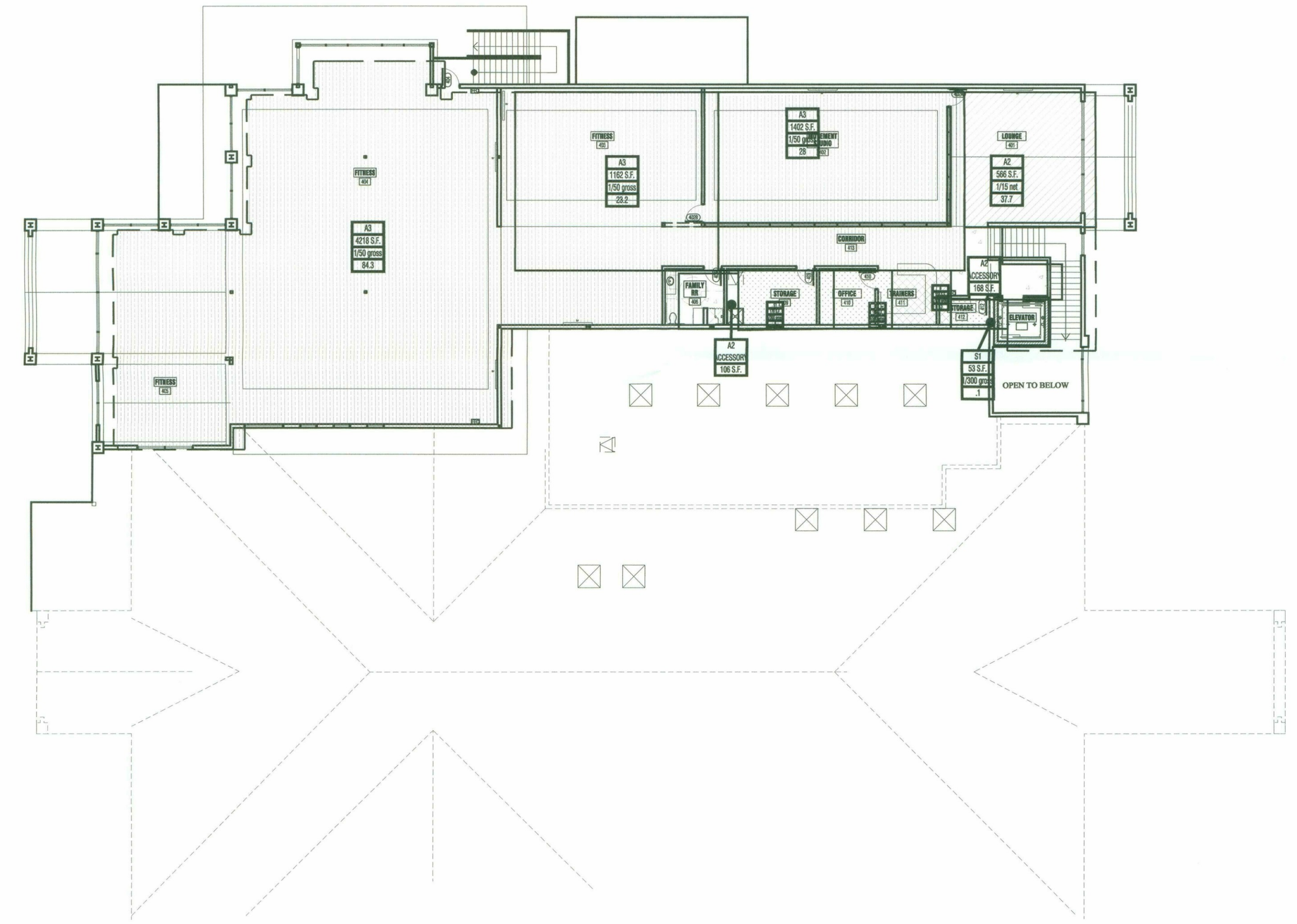
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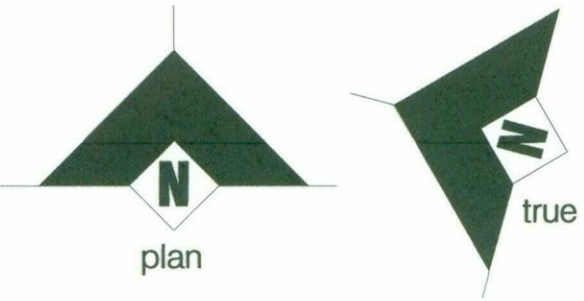
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255 S.F.	= room area (sq. ft.)
1/15 NET	= occupant load factor
17	= occupant load

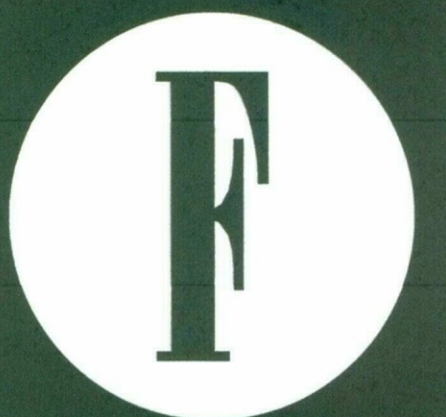


area analysis - level 2

scale: 1/16" = 1'-0"



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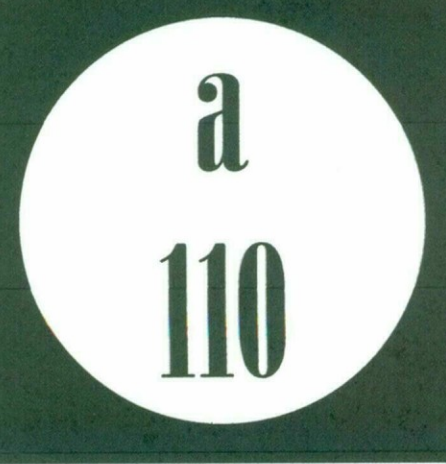
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site details

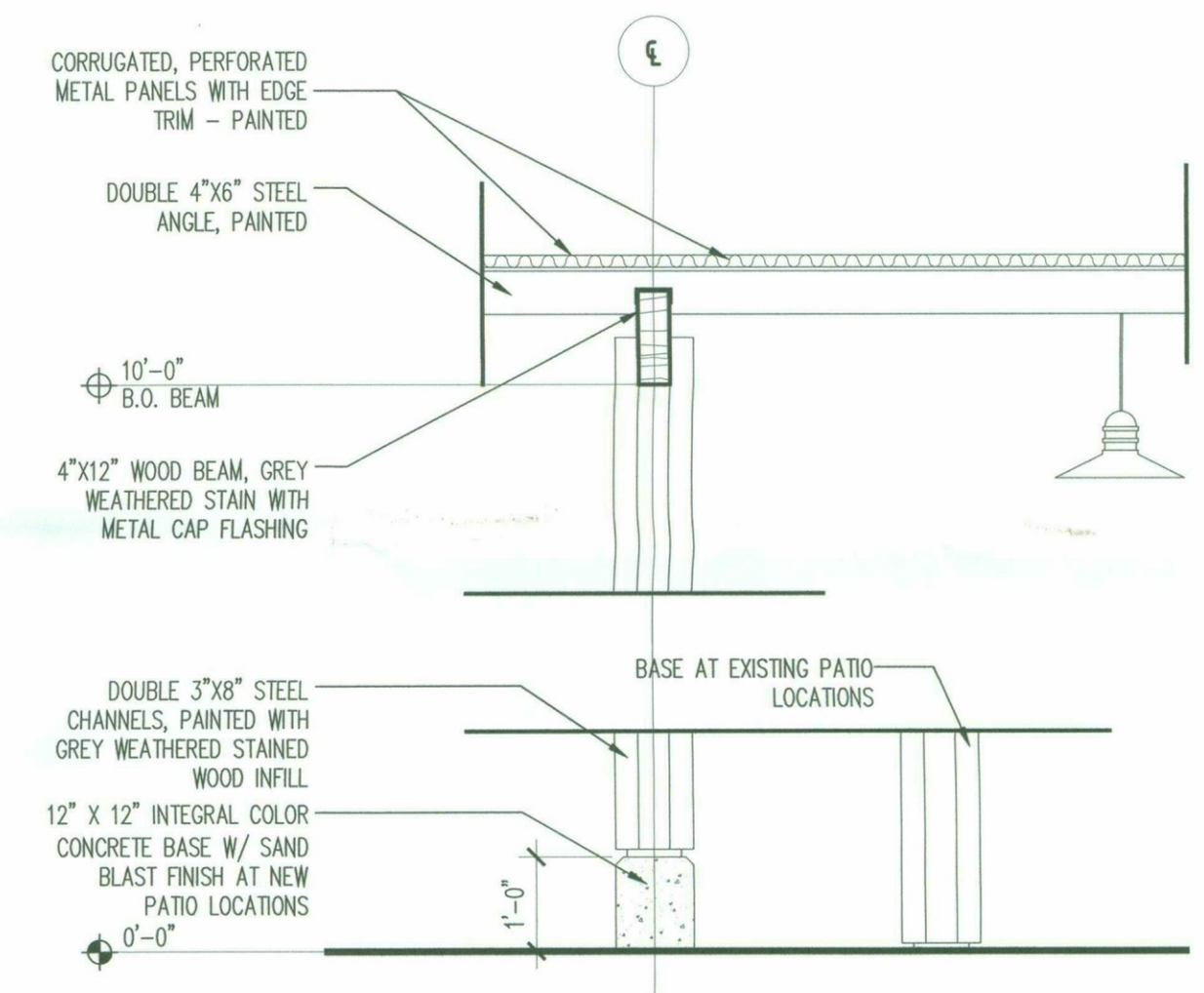
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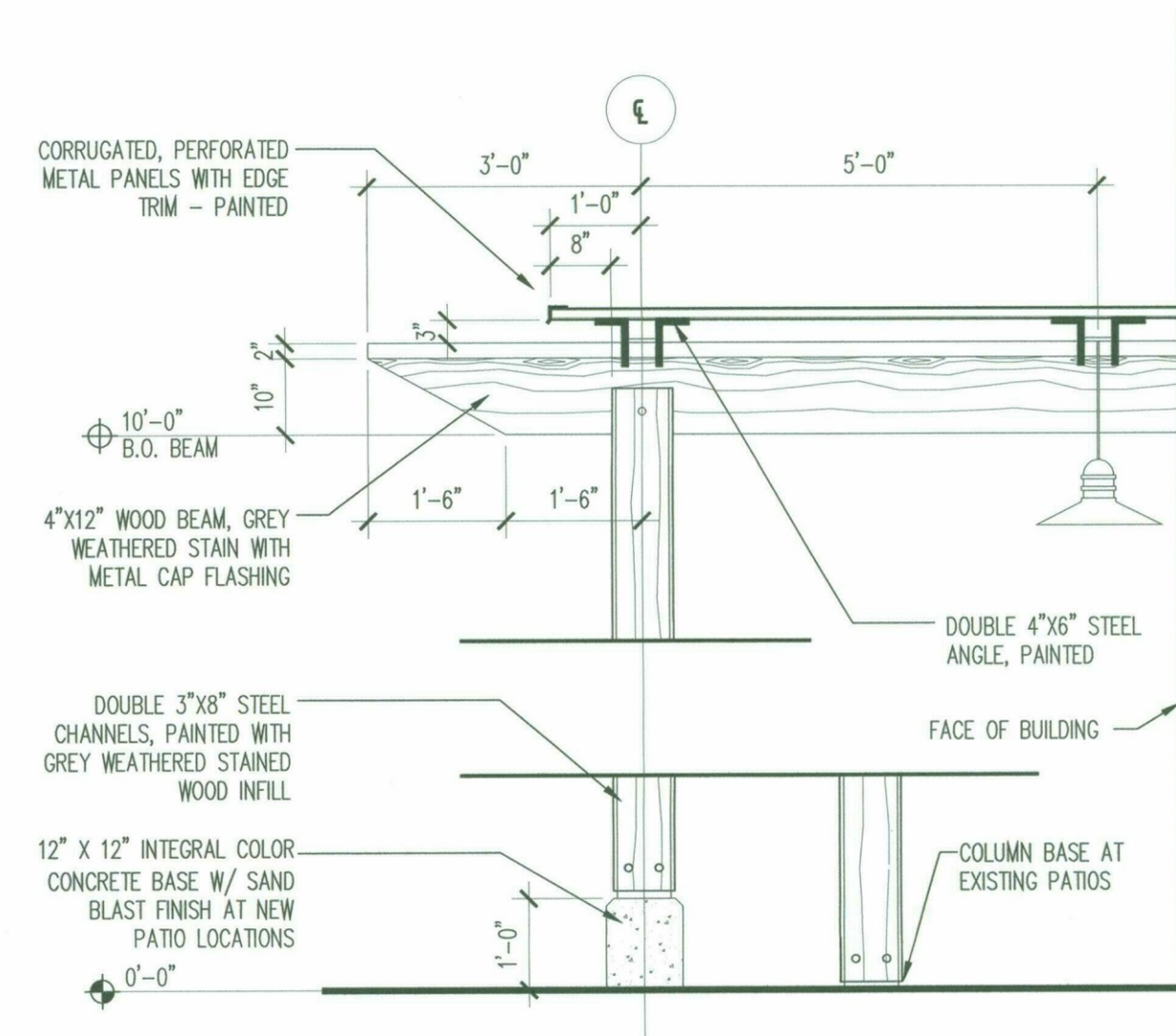
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2 Typical Trellis - Elevation
1/2"=1'-0"



1 Typical Trellis - Section
1/2"=1'-0"

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