



CONTENTS:

- A.0: Cover Sheet
- A.1: Site Plan
- A.2: Floorplan
- A.3: Exterior Elevations
- A.4: Exterior Elevations
- A.5: Building Cut-through
- A.6: Roof Plan
- A.7: Schedules
- A.8: Interior Elevations
- A.9: Interior Elevations
- S.1: Foundation Plan
- S.2: Foundation Details
- E.1: Electrical Plan
- E.2: Fire Plan
- M.1: Mechanical Plan

ARCHITECT

ENGINEER

GENERAL NOTES

Drawings are intended to be printed on 24"x36" paper. Printing these drawings at a different size will impact the scale. The recipient of these Drawings shall be responsible for any errors resulting from incorrect copying or printing or any other alteration that causes a change of scale.

General Contractor shall refer to all applicable construction procedures as provided in these drawings or as stated below.

Before performing any work or ordering any materials, the General Contractor and all Subcontractors shall be responsible for verifying all conditions and dimensions of the work.

Written dimensions shall take precedence over scaled dimensions.

As a minimum standard, all work and materials installed shall be in strict accordance with all applicable codes, regulations and ordinances having jurisdiction.

Install all Manufacturer's items, materials and equipment in strict accordance with the Manufacturer's recommended instructions, methods and specifications.

The General Contractor must maintain a current, complete set of Construction Drawings at the site for review by Subcontractors and others on the Construction Site through all phases of construction.

Dimensions indicated are from finished wall surface to finished wall surface unless otherwise indicated.

Owner to coordinate with General Contractor for location of project materials staging, temporary office facilities, temporary restroom facilities, and/or temporary utilities for this project, if applicable.

Construction shall comply with the accessibility requirements, if applicable, per the Building Code and the Americans with Disabilities Act Accessibility Guidelines.

Size, placement and orientation of framing members on Structural Details override size, placement and orientation of framing members shown on the Construction Drawings.

Plumbing, Mechanical, and Electrical Contractors shall not penetrate or cut structural members without written authorization from a licensed Professional Structural Engineer.

Provide solid blocking within walls at the anchorage locations of cabinets, door stops, toilet room accessories, mantels, ADA Handbars, TV stands or any other wall anchorage point. Anchorage through gypsum board on new walls is not acceptable.

Contractor to obtain any and all required building and construction permits associated with the work included in these Construction Drawings.

Contractor to verify that site conditions are similar to the plans. Any discrepancies that arise from varying site conditions shall be reported to the Owner.

DESIGN CRITERIA

CODE:	2012 International Building Code (2012 IBC)
USE GROUP:	A-3 Gymnasium
OCCUPANT LOAD:	121 (@ 50sf/Occupant gross)
BUILDING TYPE:	Pre-engineered Steel Building, ISO Class 3, IBC II-B
ALLOWABLE AREA:	Const. Type II-B/ Occupancy A-3 9,500 SF
LOADS:	
Dead Loads:	
Roof-	3 PSF
Live Loads:	
Roof-	20 PSF
First Floor -	100 PSF
Snow Loads:	
Ground Snow Load (Pg)-	15 PSF
Roof Snow Load (Ps)-	15 PSF
Snow Roof Slope Factor (Cs)-	1.0
Importance Factor (Is)-	1.0
Wind Loads: (ASCE 7-05)	
Basic Wind Speed (3 sec gusts)-	100 MPH
Exposure-	C
Importance Factor (Iw)-	1.0
Seismic Load: (ASCE 7-05)	
Importance Factor (Ie)-	1.0
Seismic Use Group-	II
Ss-	0.135
S1-	0.069
Seismic Soil Profile Type-	D
Design Spectral Response (Sda)-	0.144
Design Spectral Response (Sd1)-	0.110
Seismic Design Category-	B
Basic Seismic Force Resisting System-	Engineered Braced Frames
Seismic Response Modification Factor (R)-	3.0
Analysis Procedure Used-	Equivalent Lateral Force
Soils:	
Undisturbed Earth-	2,500 PSI
Bedrock-	25,000 PSI
FIRE SPRINKLER:	No
FIRE ALARM SYSTEM:	Yes



GreenLeaf Designs
Tulsa, OK
918-524-9721
Designer: CLF

GreenLeafArchitecture.com

**SAMPLE PLANS
STEEL BUILDING
NOT FOR CONSTRUCTION**

Stamp:

Revisions:

1. Not For Construction
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.

Print Scale:

24"x36"

Date:

Title:

COVER SHEET

Sheet#:

A.0

Erosion Control Notes:

1. Install silt fence prior to any excavation or construction.
2. Minimize site disturbance by tight control of excavation limits.
3. All exposed soil shall be mulched with straw or wood chips to minimize soil erosion. No soil shall be left in an exposed condition. It is recommended that the contractor maintain a stock pile of this material on site for quick application.
4. Hydroseed with a wood cellulose fiber mulch applied at a rate of 2,000#/acre. Use an organic tackifier at no less than 150 #/acre or per manufacture's recommendation if higher. Application of tackifier shall be heavier at edges, in valleys and at crests of banks and other areas where seeds can be moved by wind or water.
5. Dispersion trenches shall overflow onto native undisturbed ground. No site disturbance below trenches.

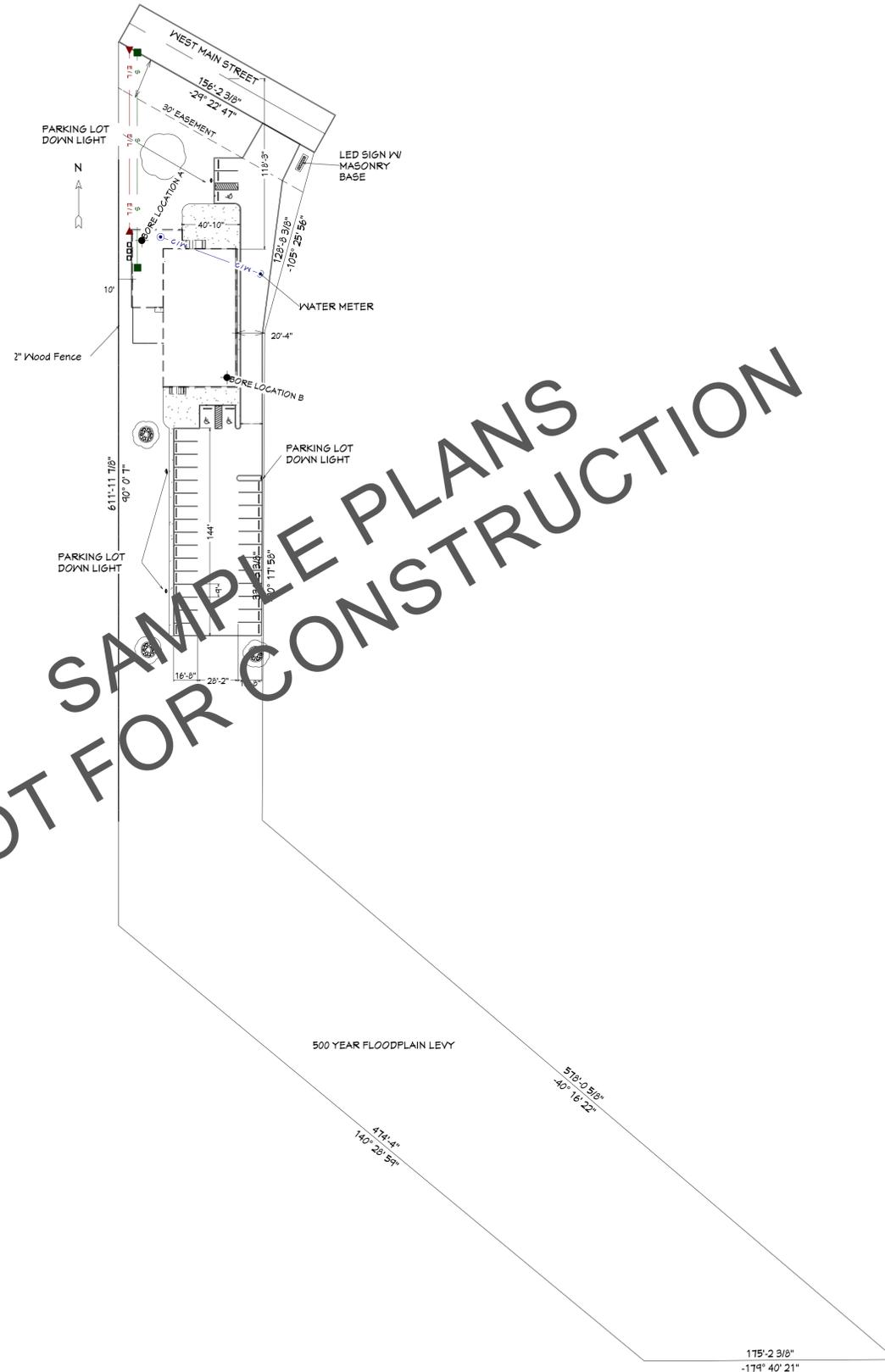
Grading Notes:

1. Contractor to verify location of all existing utilities.
2. Provide positive drainage away from building.
3. Final grade to convey surface drainage toward rock channels and dispersion trenches.
4. Areas to be filled shall be cleared, grubbed to remove trees, vegetation, roots and other objectionable material and stripped of topsoil.
5. Place fill slopes with a gradient steeper than 3:1 in lifts not to exceed 8 inches, and make sure each lift is properly compacted.

SHEET NOTES:

- Final grade to slope 1" per 10'-0" away from the Structure for the first 10'-0".
- All concrete pads to slope at 2% or 1/4" per 1' away from building.
- General Contractor responsible for all utility locates and subsurface utility engineering for this project.
- General Contractor responsible for contacting Site Wise prior to digging for utility locate service.
- General Contractor to immediately notify Site Wise if un-located utilities are encountered.
- 1" Domestic water line to be type 'K' copper.
- Drives and walks to be 4" concrete, minimum 3,000 psi at 28 days.
- The General Contractor shall be responsible for repairing any trenches or excavations that settle for a minimum of 1 year.
- The General Contractor shall prevent sediment, debris and all other pollutants from entering the storm sewer system during all construction operations.

SAMPLE PLANS
NOT FOR CONSTRUCTION



Site Plan
Scale: 1"=50'

LEGEND	
WATER SUPPLY LINES	
	C/W
SANITARY SEWER LINES	
	S
ELECTRICAL SERVICE	
	E/L
GAS LINE	
	G

UTILITY LOCATE

Prior to excavation Contractor to schedule a utility locate.
Phone number: 811 or 1-800-522-6543

ZONING

Land Use: CS, PUD 75, Parcel 820
Setbacks:

	Required	Actual
Front-	50'	68'
Rear-	35'	432'
Left-	10'	10'
Right-	10'	20'-4"
Height-	35'	20'

Occupancy: Building Use: Pre-engineered Steel Building - Gymnasium

Roof Loads: (IBC 2012)
Uniform Roof (snow): 15 lbs.
Ground Snow Load: 15 lbs.

Wind: (ASCE 7-05)
Basic Wind Speed: 100 mph (3-sec. gust)
Exp. C, I=1.0



GreenLeaf Designs
Tulsa, OK
918-524-9721
Designer: CLF

GreenLeafArchitecture.com

SAMPLE PLANS
STEEL BUILDING
NOT FOR CONSTRUCTION

Stamp:

Revisions:

1. Not For Construction
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.

Print Scale:

24"x36"

Date:

Title:

SITE PLAN

Sheet#:

A.1

PROJECT NOTES:

Foundation

- Perimeter Footing: 30"x24" cont. min. 3,500 psi @28 days
- Interior Footing: 24"x16", min. 3,000 psi @ 28 days
- Concrete Slab: 4" concrete slab, min. 3,500 psi @ 28 days
- Drives/Walks: 4" concrete slab, min. 3,500 psi @ 28 days

Framing

- Interior partition walls to be framed with 2"x4" cold-formed steel studs and tracks. 16" OC.

Exterior Veneer

- Wall Veneer: Sliding / Stone Masonry/Exposed Metal

Roofing

- Metal roofing.
- Gutters and spouts

Electrical

- All electrical fixtures to be Energy Star rated.
- All ceiling fans to be Energy Star rated.
- All bath fans to be Energy Star rated.
- All recessed light fixtures to have LED bulbs.
- All switches to be toggle switches.

Insulation

- Wall insulation to be min. R-20 Kraft faced batt insulation.
- Rafter Insulation to be min R-38 Kraft faced batt insulation (vaulted ceilings only)

Drywall

- Install 1/2" on new framed interior partition walls, to be screwed, mud, taped and textured.
- Install 5/8" Type-C ceiling rock on ceiling surfaces. mud, taped and finished.
- Install 1/2" moisture board in shower area, as required by building code.
- All corners to be 'radius' edging.
- Drywall to wrap to windows.
- All walls and ceilings to have 'Smooth' texture.

Flooring

- Install tile flooring in all Bath areas.
- Offices storage, Closets and Utility Room areas to have unfinished concrete floor.

Windows

- Install white vinyl, Energy Star compliant, windows on all floors.
- Windows to meet egress requirements.
- All windows to be sealed with minimum expansion foam.

Doors

- Install Energy Star compliant exterior Entry and rear doors.
- Front and rear doors keyed alike.
- All doors to be sealed with minimum expansion foam.
- Utility Room doors to be self-closing with spring loaded hinges.

Cabinetry

- Install adult height vanity cabinets in all Bathrooms.
- Kitchen cabinets to be installed as shown in details.

Countertops

- Install 3-cm granite with 4"6" backsplash, under-mount sink in all Kitchens and Baths, as shown.
- Granite to have 'eased edge' and bullnose edging.

Appliances

- All appliances to meet or exceed Energy Star standards.
- Appliances to be installed per Manufacturer's installation instructions.

Interior Millwork

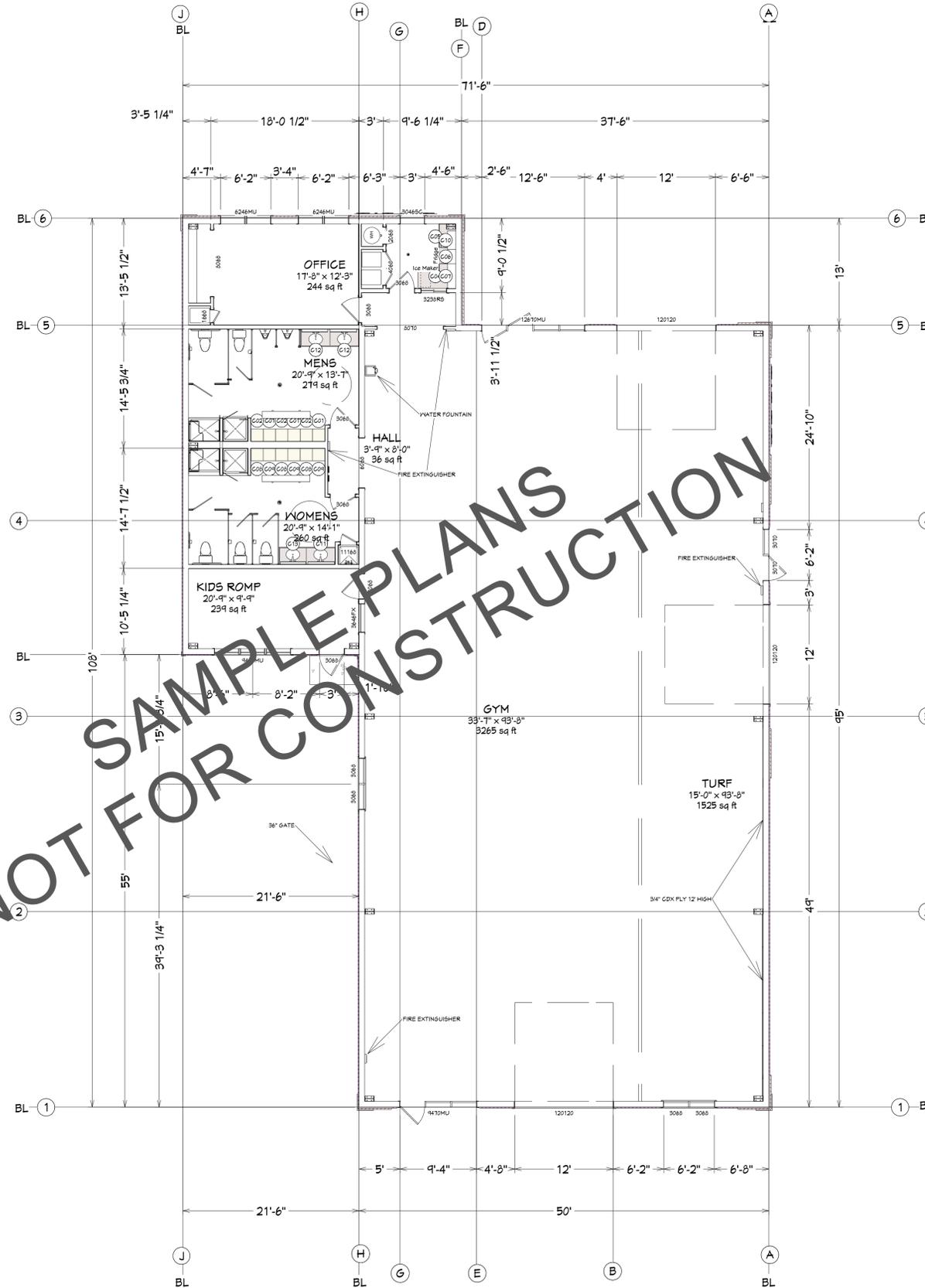
- All base molding.
- All casing.
- Install paint-grade wood closet shelves w/ heavy duty hangar rods, as shown.
- Install new 2-panel solid-core, paint grade interior doors throughout, as shown.

Paint

- All Kitchens and Baths to be painted with semi-gloss paint. One coat primer, two coats paint.
- All trim moldings and doors to be painted with gloss or semi-gloss stain. One coat primer, two coats paint.
- All Exterior paint to be painted with semi-gloss paint. Three coats paint. 100% Acrylic
- All Exterior trim and doors to be painted with gloss paint. Three coats paint. 100% Acrylic

Hardware

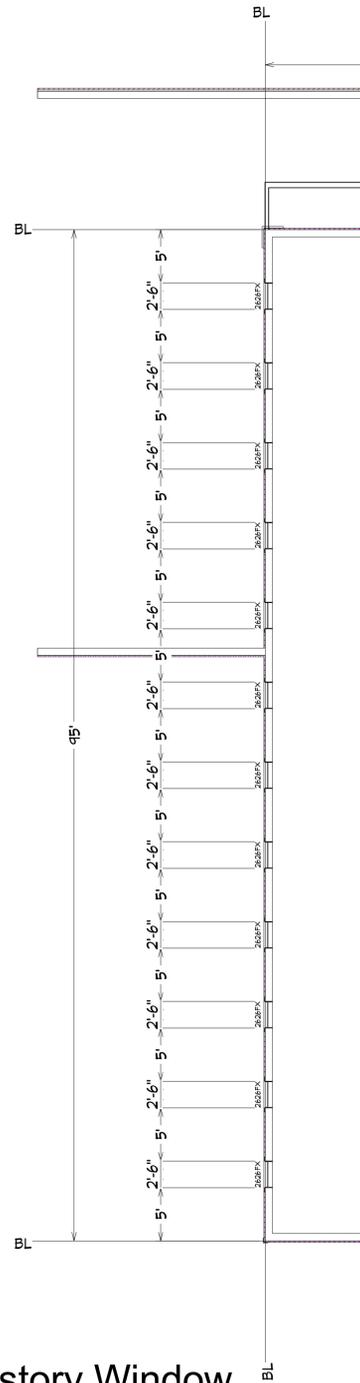
- Install door hardware on all interior doors.
- Install new towel bars, TP holders and other bath accessories in Bathrooms, fixture location to be verified with Owner.
- Install new beveled vanity mirror in Baths.



Floor Plan
Scale: 1/8"=1'

STRUCTURAL STEEL

FABRICATE, DETAIL, ERECT, IDENTIFY AND PAINT STRUCTURAL STEEL ACCORDING TO AISC SPECIFICATIONS. EXCEPT CONTRACTOR SHALL USE THE ARCHITECTURAL DRAWINGS IN CONJUNCTION WITH THE STRUCTURAL DRAWINGS FOR DIMENSIONS AND STRUCTURAL STEEL NOT SHOWN ON THE STRUCTURAL DOCUMENTS.



Clerestory Window
Layout
Scale: 1/8"=1'



GreenLeaf Designs
Tulsa, OK
918-524-9721
Designer: CLF

GreenLeafArchitecture.com

**SAMPLE PLANS
STEEL BUILDING
NOT FOR CONSTRUCTION**

Stamp:

Revisions:

1. Not For Construction
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.

Print Scale:

24"x36"

Date:

Title:

FLOOR PLAN

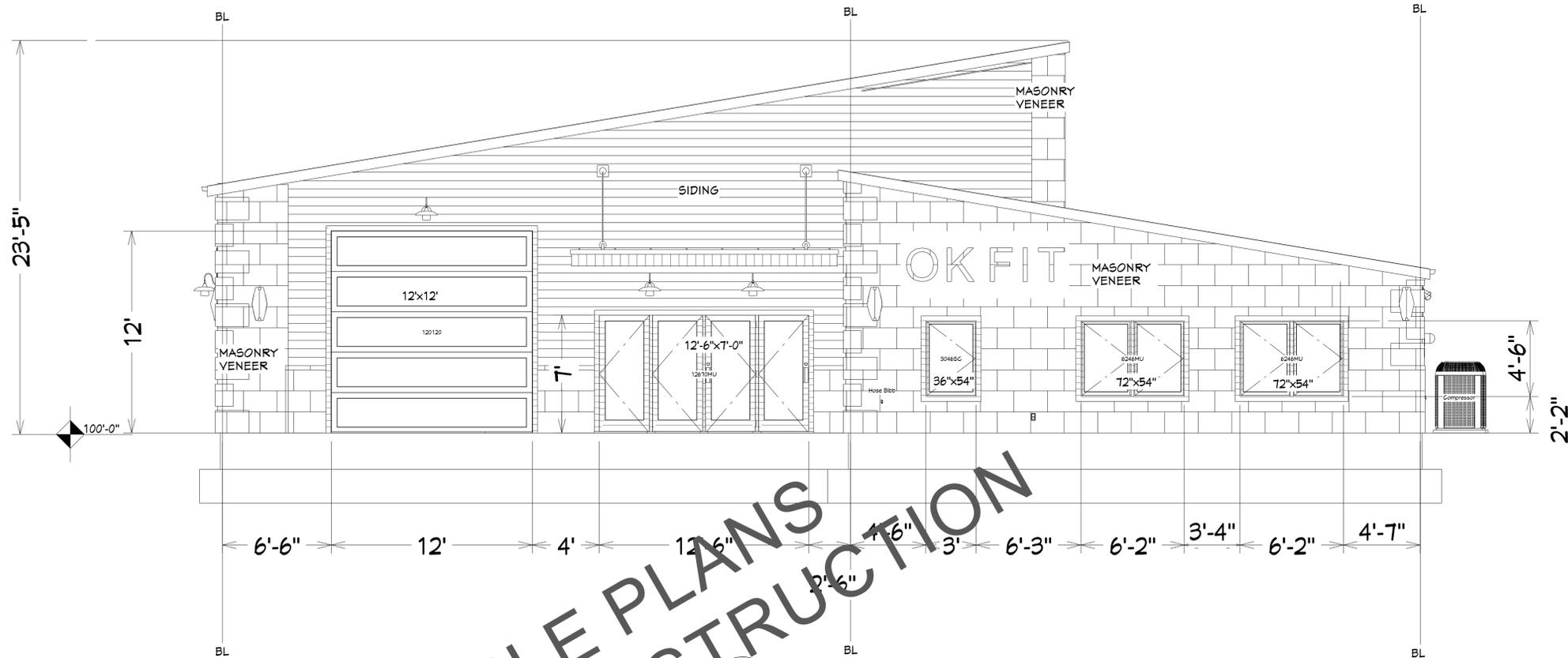
Sheet#:

A.2

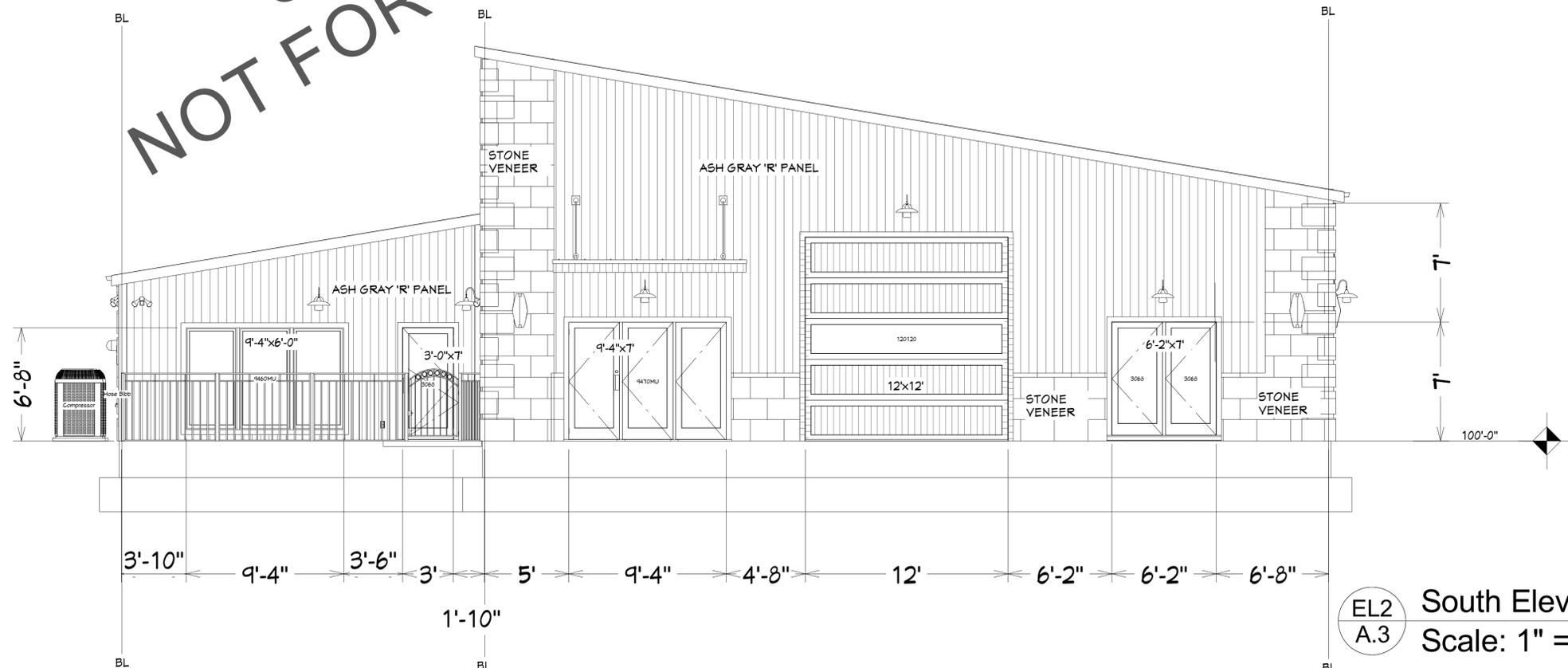


GreenLeaf Designs
Tulsa, OK
918-524-9721
Designer: CLF

GreenLeafArchitecture.com



EL1 North Elevation
A.3 Scale: 1" = 5'



EL2 South Elevation
A.3 Scale: 1" = 5'

SAMPLE PLANS
NOT FOR CONSTRUCTION

SAMPLE PLANS
STEEL BUILDING
NOT FOR CONSTRUCTION

Stamp:

Revisions:

1. Not For Construction
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.

Print Scale:

24"x36"

Date:

Title:

EXTERIOR
ELEVATIONS

Sheet#:

A.3



GreenLeaf Designs
Tulsa, OK
918-524-9721
Designer: CLF

GreenLeafArchitecture.com

**SAMPLE PLANS
STEEL BUILDING
NOT FOR CONSTRUCTION**

Stamp:

Revisions:

1. Not For Construction
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.

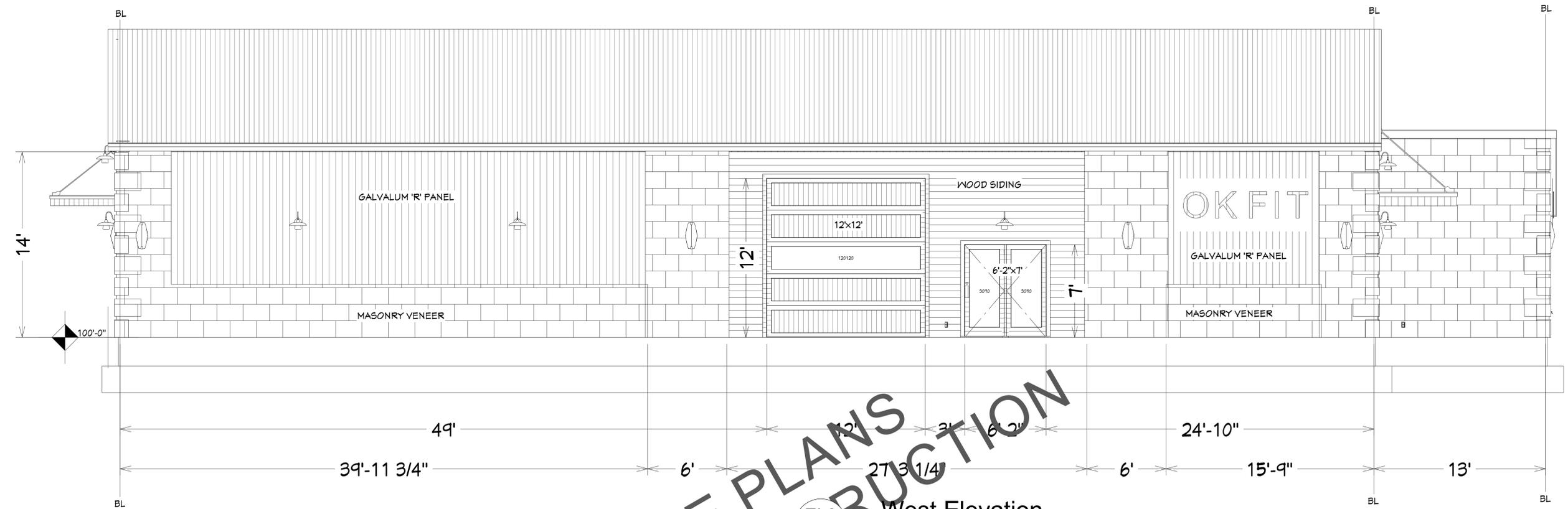
Print Scale:
24"x36"

Date:

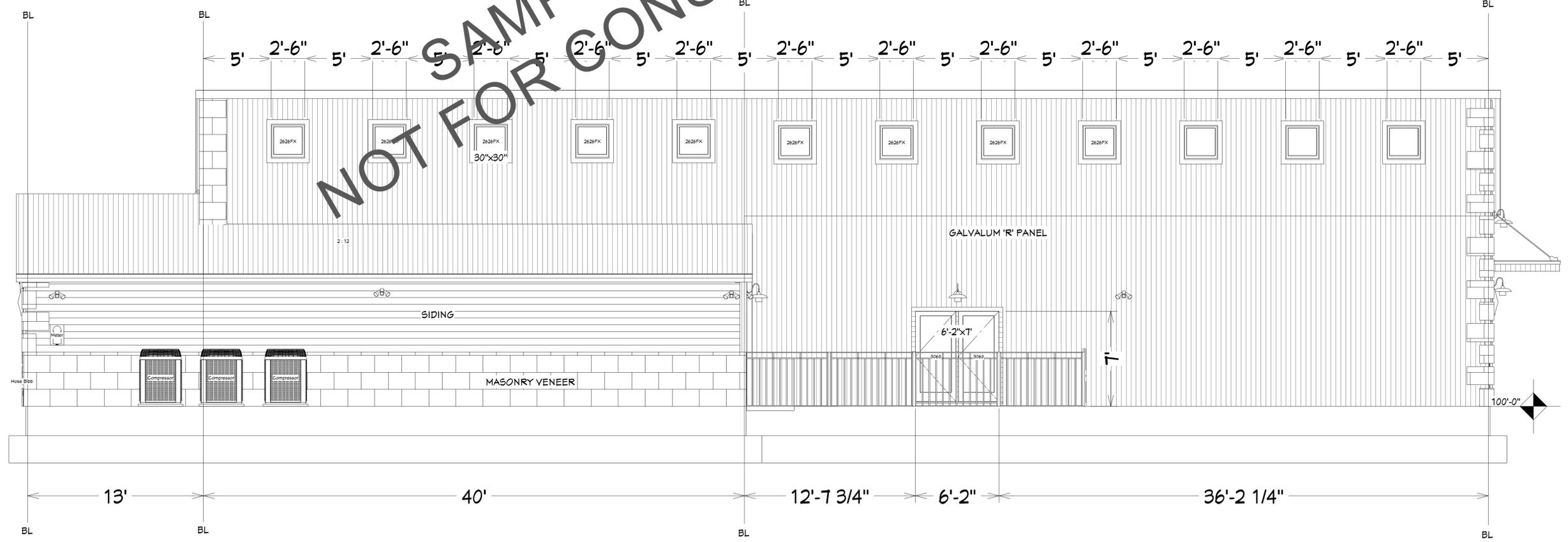
Title:
EXTERIOR
ELEVATIONS

Sheet#:

A.4



EL3
A.4 West Elevation
Scale: 1/4" = 1'

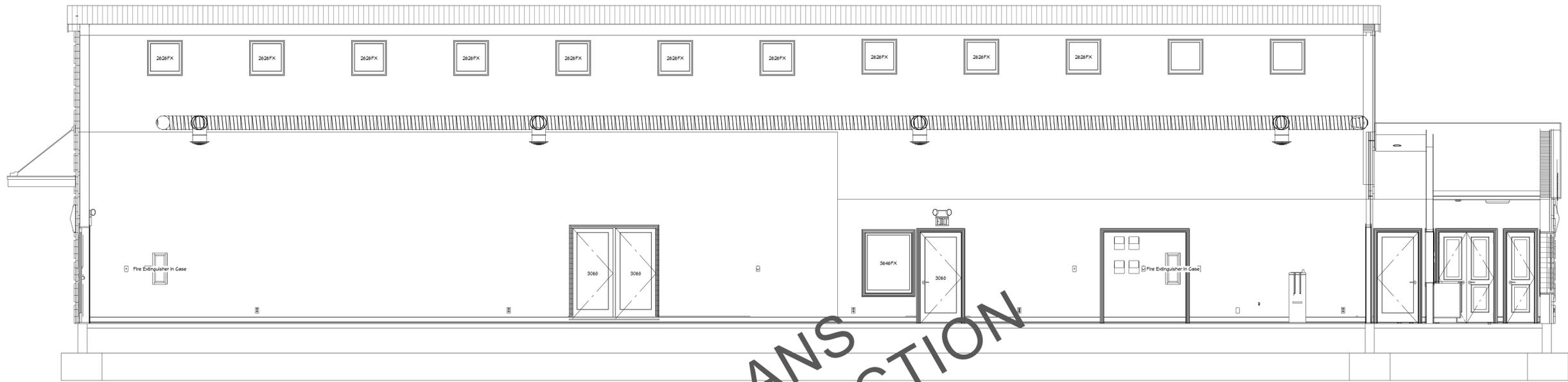


EL4
A.4 East Elevation
Scale: 1/4" = 1'



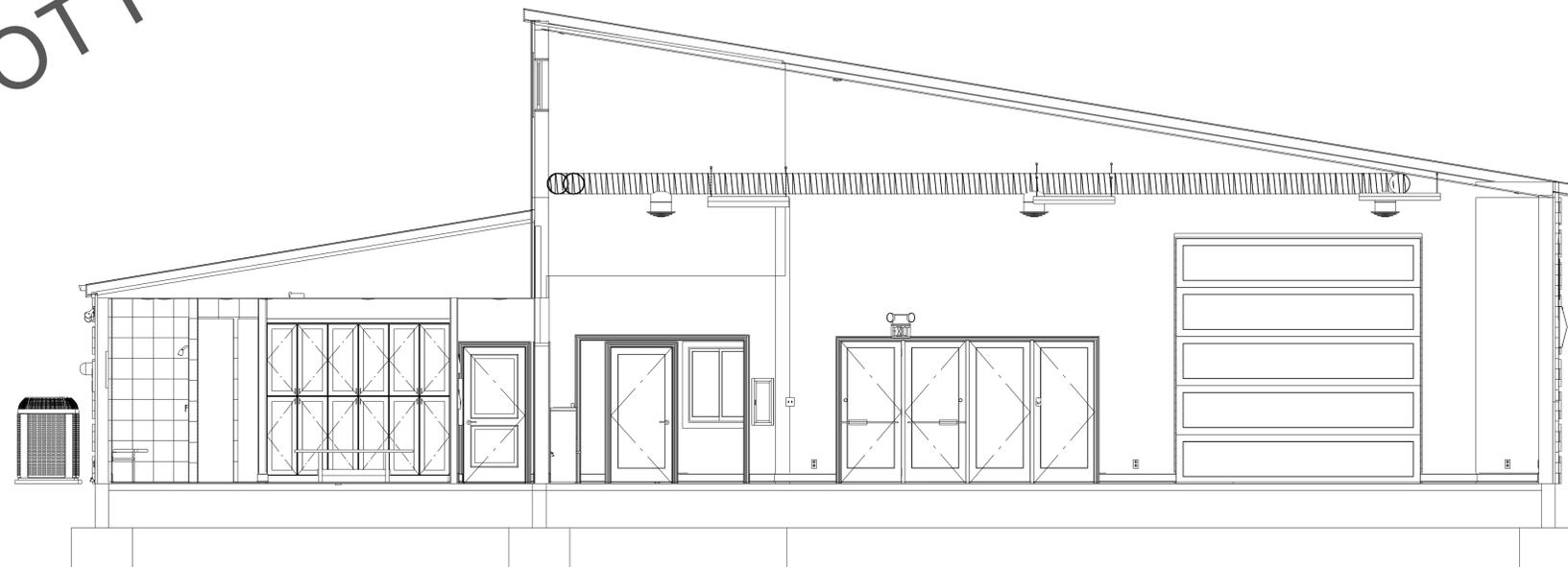
GreenLeaf Designs
Tulsa, OK
918-524-9721
Designer: CLF

GreenLeafArchitecture.com



CT1 Interior Cut-Through
A.5 Detail

SAMPLE PLANS
NOT FOR CONSTRUCTION



CT2 Interior Cut-Through
A.5 Detail

SAMPLE PLANS
STEEL BUILDING
NOT FOR CONSTRUCTION

Stamp:

Revisions:

1. Not For Construction
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.

Print Scale:

24"x36"

Date:

Title:

BUILDING
DETAILS

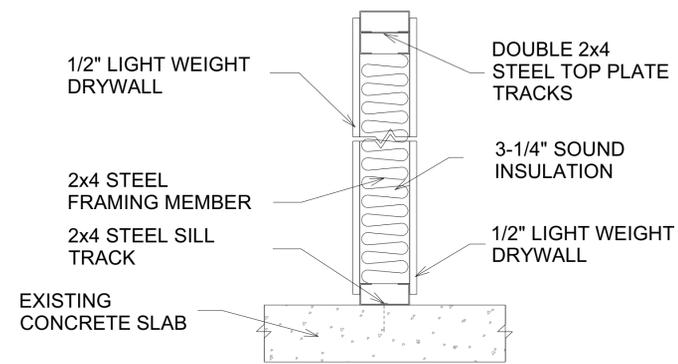
Sheet#:

A.5

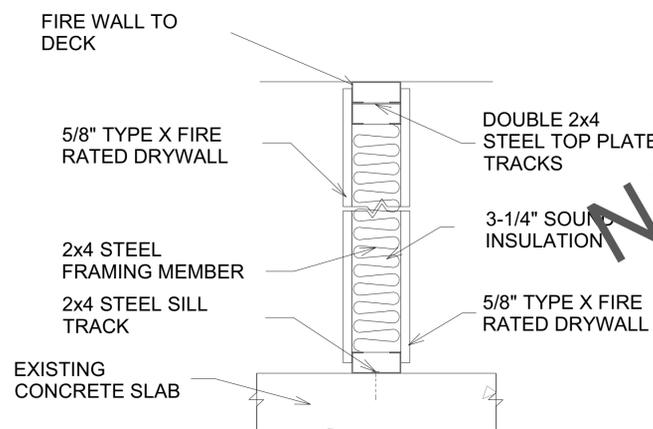


GreenLeaf Designs
Tulsa, OK
918-524-9721
Designer: CLF

GreenLeafArchitecture.com

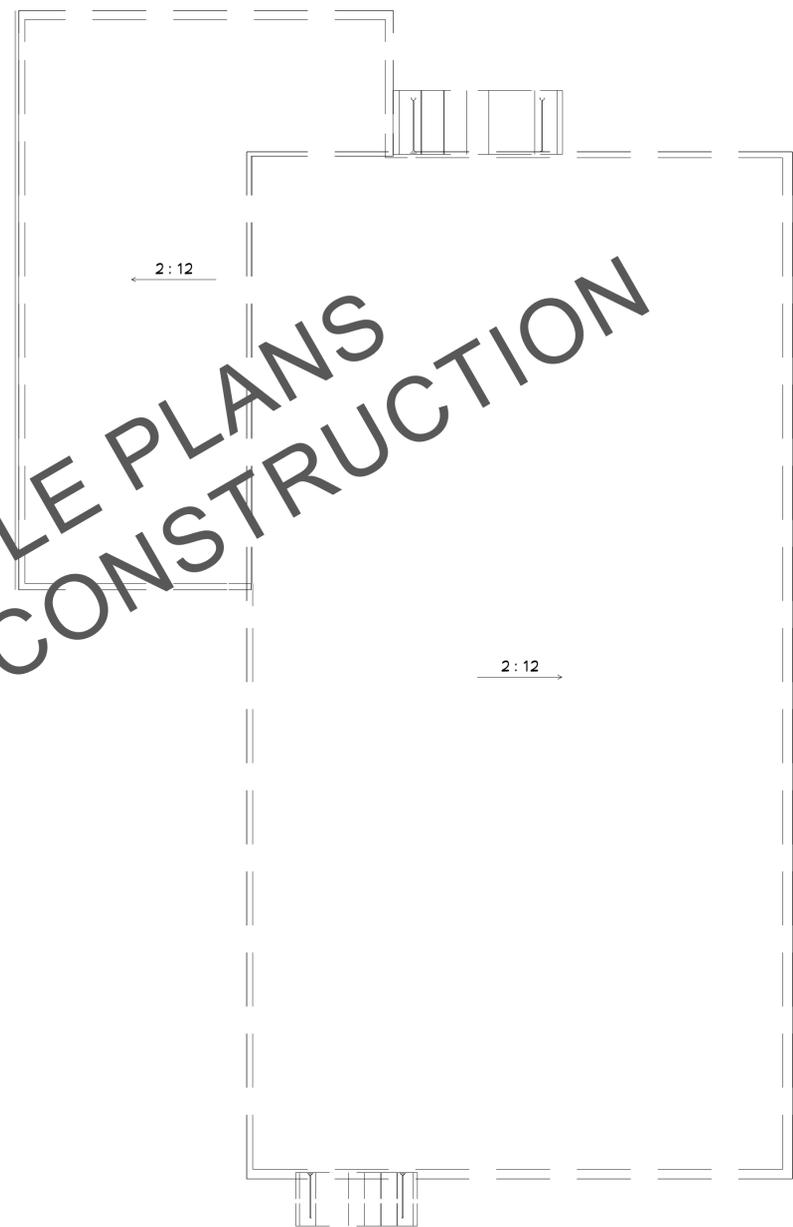


Interior Partition
Wall Detail



Corridor 1-Hr
Fire Wall Detail

SAMPLE PLANS
NOT FOR CONSTRUCTION



12
2

Roof Plan
Scale: 1/8"=1'

SHEET NOTES:

All strapping to be Simpson Strong Ties or equivalent.

All strapping, anchors and/or connectors to be Z-max rated when in contact with concrete or treated lumber.

SAMPLE PLANS
STEEL BUILDING
NOT FOR CONSTRUCTION

Stamp:

Revisions:

1. Not For Construction
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.

Print Scale:

24"x36"

Date:

Title:

ROOF PLAN

Sheet#:

A.6

STAIR NOTES:

Stairways shall have a min. Width of 34". Hand rails may encroach a max. Of 3 1/2" into the required width.

Treads shall have a min. Width of 9". Stair treads must be uniform and can not vary from the largest to the smallest by more than 3/8".

Stairways shall have min. 6'-8" of headroom at the nose of the stair.

Enclosed usable space under interior stairs shall be protected on the enclosed face with 5/8" type "x" gypsum wall board.

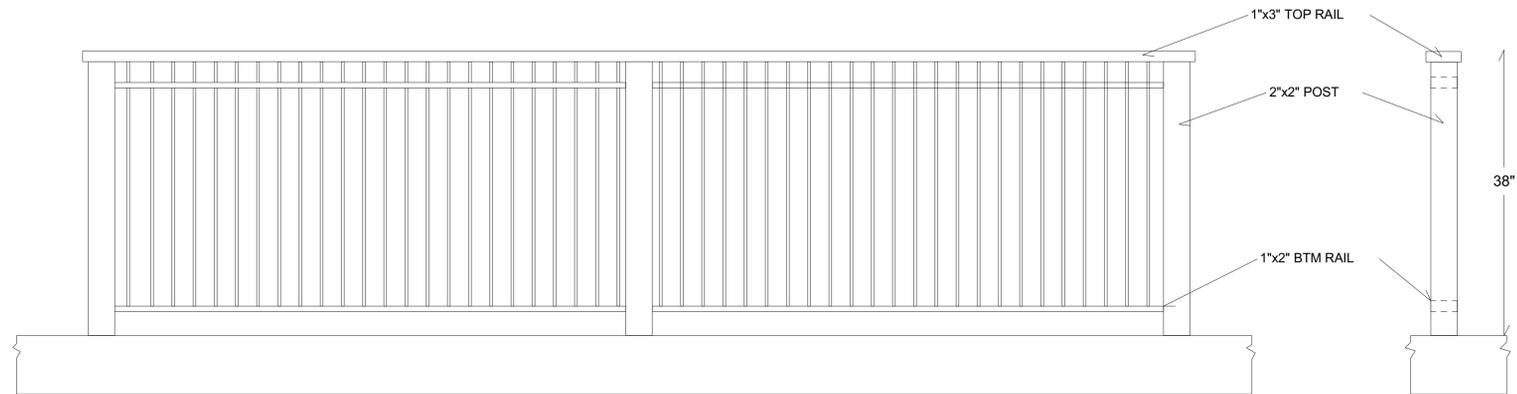
Stairways shall have at least one handrail located 34" to 38" above the nosing of treads and landings. The hand grip portion of handrails shall not be less than 1-1/2" or greater than 2" in cross-sectional dimension.

Handrails shall be continuous the full length of the stairs. The ends of handrails shall return to wall or terminate into a newel post or safety terminal.

Stairways having less than 2 risers do not require a hand rail.

34" min. Height guardrails shall be provided for at porches, decks, balconies, stairways and landings where the adjacent surface is greater than 24" below.

Railing and guardrail baluster spacing shall be no greater than 4".



RL1
A.7 Exterior Railing
Detail (typ.)

RAILING NOTES:

- Balusters to be placed 4" OC
- Balusters to be wrought iron. Contractor to coordinate with Owner for final pattern and layout.
- Railing to be 'above post' style.
- Top of guard rail to be 38"

SAMPLE PLANS
NOT FOR CONSTRUCTION

DOOR SCHEDULE										
NUMBER	FLOOR	ROOM NAME	QTY	LABEL	SIZE	WIDTH	HEIGHT	THICKNESS	TEMPERED	FIRE
D01	1	CLOSET/OFFICE	2	4068	4068 L/R IN	48"	80"	1 3/8"	1-HR	
D02	1	GYM	1	120120	120120	144"	144"	1 3/4"		
D03	1	GYM	1	12670MU	12670	150"	84"			
D04	1	KIDS ROMP	1	3068	3068 L EX	36"	80"	1 3/4"	YES	
D05	1	GYM	1	9470MU	9470	112"	84"		YES	
D06	1	GYM/KIDS ROMP	1	3068	3068 R IN	36"	80"	1 3/8"	1-HR	
D07	1	OFFICE/GYM	1	3068	3068 L IN	36"	80"	1 3/8"	YES	1-HR
D08	1	GYM	2	3068	3068 L EX	36"	80"	1 3/4"	YES	
D09	1	MENS/HALL	1	3068	3068 R IN	36"	80"	1 3/8"	YES	1-HR
D10	1	TURF	2	3070	3070 L EX	36"	84"	1 3/4"	YES	
D11	1	OFFICE/OFFICE	1	2068	2068 L IN	24"	80"	1 3/8"		
D12	1	OFFICE/OFFICE	1	4068	4068 L/R IN	48"	80"	1 3/8"		
D13	1	TURF	1	120120	120120	144"	144"	1 3/4"		
D14	1	TURF	1	120120	120120	144"	144"	1 3/4"	YES	
D15	1	TURF	2	3068	3068 L EX	36"	80"	1 3/4"	YES	
D16	1	WOMENS/HALL	1	3068	3068 L IN	36"	80"	1 3/8"	1-HR	
D17	1	WOMENS/WOMENS	1	11168	11168 R IN	23"	80"	1 3/8"		
D18	1	GYM/OFFICE	1	3068	3068 L IN	36"	80"	1 3/8"	YES	1-HR
D19	1	CLOSET/OFFICE	1	1668	1668 R IN	18"	80"	1 3/8"	1-HR	

WINDOW SCHEDULE										
NUMBER	FLOOR	ROOM NAME	QTY	LABEL	SIZE	WIDTH	HEIGHT	EGRESS	TEMPERED	FIRE
W01	1	GYM/KIDS ROMP	1	3646FX	3646FX	42"	54"		YES	1-HR
W02	1	KIDS ROMP	1	9460MU	9460	112"	72"	YES		
W03	1	OFFICE	2	6246MU	6246	74"	54"	YES		
W05	1	OFFICE/GYM	1	3238RS	3238RS	38"	44"		YES	1-HR
W06	2		12	2626FX	2626FX	30"	30"			
W07	1	OFFICE	1	3046SC	3046SC	36"	54"	YES		

CABINET SCHEDULE										
NUMBER	FLOOR	ROOM NAME	QTY	LABEL	WIDTH	DEPTH	HEIGHT	LEFT SIDE	RIGHT SIDE	BACK SIDE
C01	1	MENS	3	U181843L	18"	18"	43"	UNFINISHED	UNFINISHED	UNFINISHED
C02	1	MENS	3	U181843R	18"	18"	43"	UNFINISHED	UNFINISHED	UNFINISHED
C04	1	OFFICE	1	LCB36R	36"	36"	36"	UNFINISHED	UNFINISHED	UNFINISHED
C05	1	OFFICE	1	5B36	36"	24"	36"	UNFINISHED	UNFINISHED	UNFINISHED
C06	1	OFFICE	1	W2134R	21"	12"	34"	FINISHED	FINISHED	FINISHED
C07	1	OFFICE	1	W3634	36"	12"	34"	FINISHED	FINISHED	FINISHED
C08	1	WOMENS	3	U181843L	18"	18"	43"	UNFINISHED	UNFINISHED	UNFINISHED
C09	1	WOMENS	3	U181843R	18"	18"	43"	UNFINISHED	UNFINISHED	UNFINISHED
C10	1	OFFICE	1	W2715	27"	12"	15"	FINISHED	FINISHED	FINISHED
C11	1	WOMENS	1	5B4212	42"	24"	12"	FINISHED	FINISHED	UNFINISHED
C12	1	MENS	2	5B4212	42"	24"	12"	FINISHED	FINISHED	UNFINISHED
C13	1	WOMENS	1	5B3912	39"	24"	12"	FINISHED	FINISHED	UNFINISHED



GreenLeaf Designs
Tulsa, OK
918-524-9721
Designer: CLF

GreenLeafArchitecture.com

SAMPLE PLANS
STEEL BUILDING
NOT FOR CONSTRUCTION

Stamp:

Revisions:

1. Not For Construction
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.

Print Scale:

24"x36"

Date:

Title:
STAIR/RAILING
DETAILS

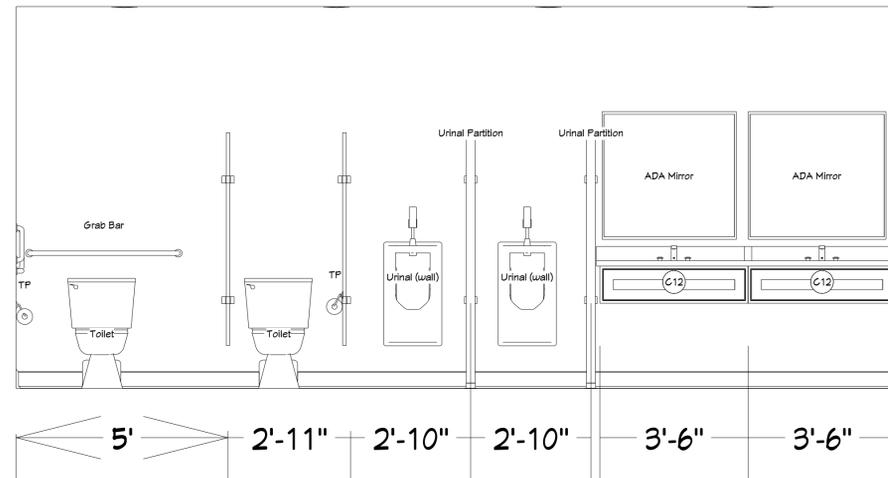
Sheet#:

A.7

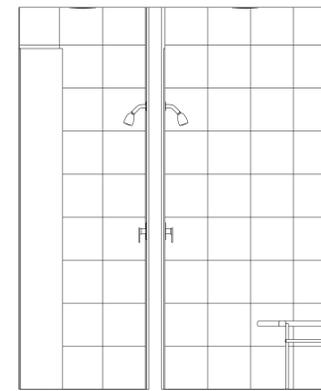


GreenLeaf Designs
Tulsa, OK
918-524-9721
Designer: CLF

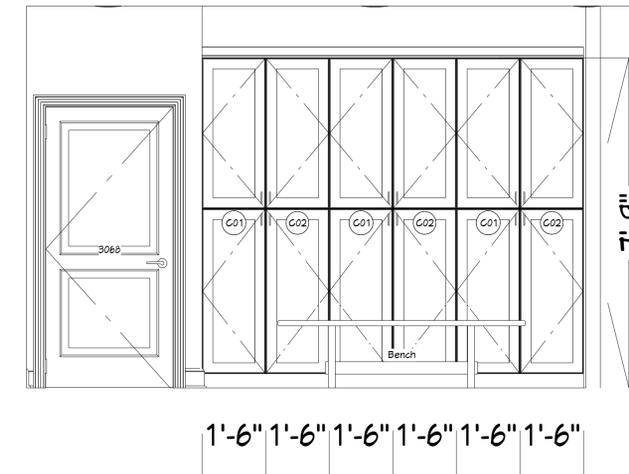
GreenLeafArchitecture.com



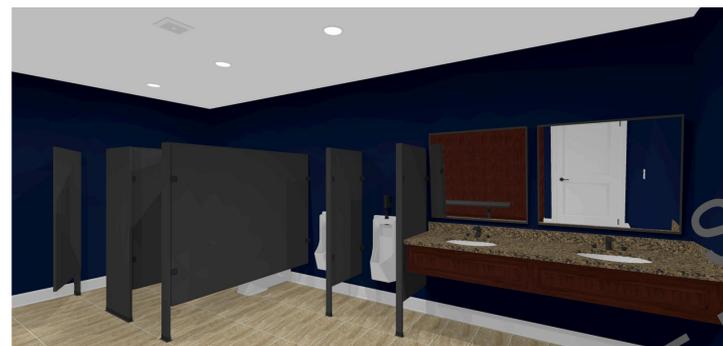
Mens Room
Elevation



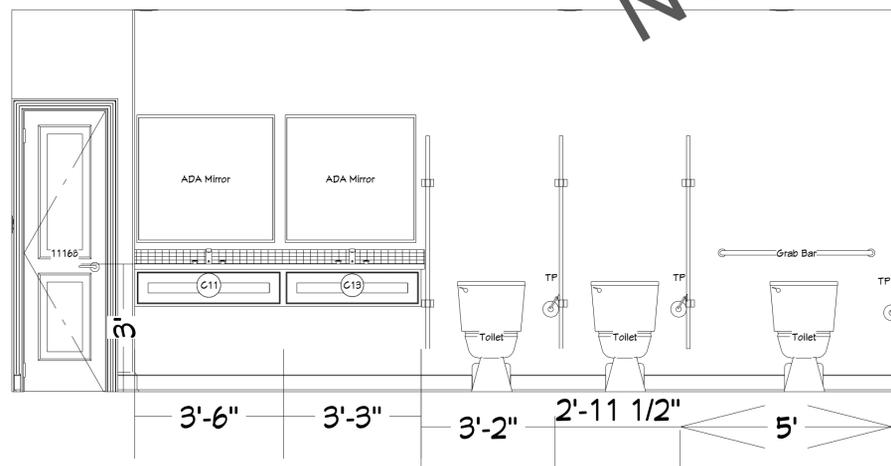
Mens Room
Elevation



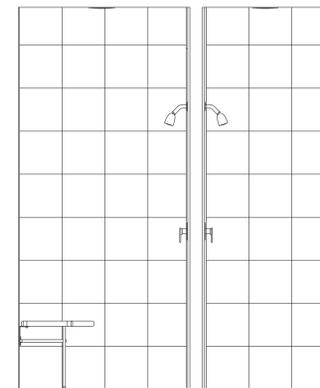
Mens Room
Elevation



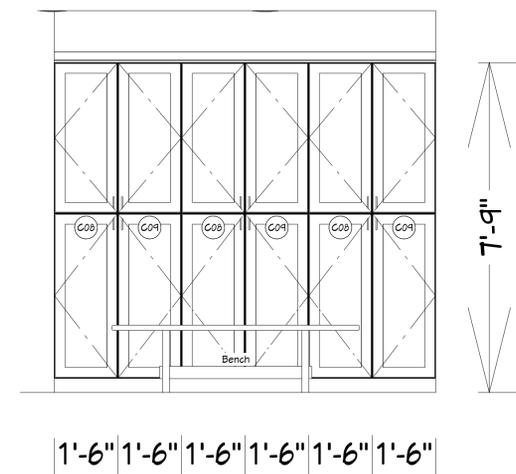
NOT FOR CONSTRUCTION
SAMPLE PLANS



Womens
Room
Elevation



Womens
Room
Elevation



Womens
Room
Elevation

SAMPLE PLANS
STEEL BUILDING
NOT FOR CONSTRUCTION

Stamp:

Revisions:

- 1. Not For Construction
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.

Print Scale:

24"x36"

Date:

Title:

M. BATH
ELEVATIONS

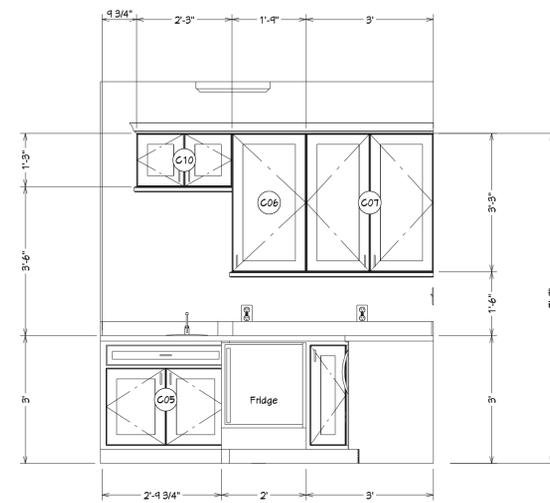
Sheet#:

A.8

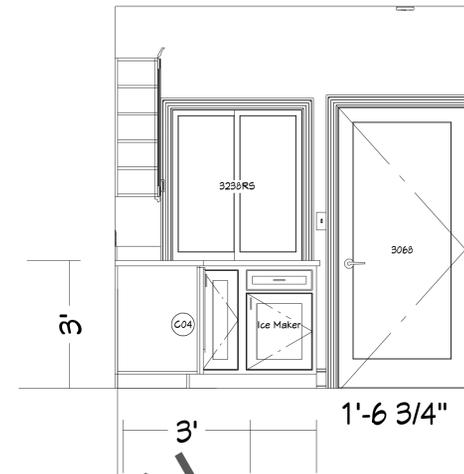


GreenLeaf Designs
Tulsa, OK
918-524-9721
Designer: CLF

GreenLeafArchitecture.com



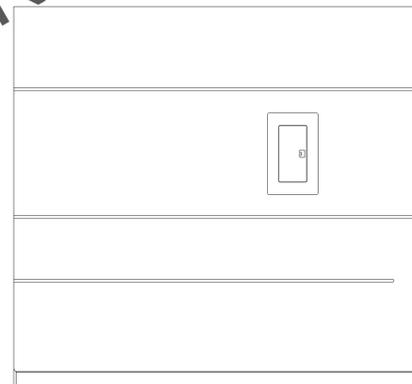
Concession
Elevation



Concession
Elevation



SAMPLE PLANS
NOT FOR CONSTRUCTION



Storage Closet
Elevation

**SAMPLE PLANS
STEEL BUILDING
NOT FOR CONSTRUCTION**

Stamp:

Revisions:

1. Not For Construction
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.

Print Scale:

24"x36"

Date:

Title:

ELEVATIONS

Sheet#:

A.9

FOUNDATION NOTES:

Foundation Contractor to follow all recommendations given in soil Geotechnical Report.

All site work, footing excavations, grading, site preparation, fill, compaction, waterproofing and all foundation work shall be performed in compliance with the requirements set forth in the Geotechnical Report. Alternate methods not prescribed shall be presented to the Geotechnical testing company and approved prior to commencement of foundation work.

Foundations may be earth formed if soil conditions and Geotechnical report permit.

Bottom of perimeter footings shall bear a minimum of 24" below grade or at published Frost Line, whichever is deeper.

Do not place concrete in excavations containing free standing water, frost or ice.

Center all footings under stem walls, framed walls or posts unless otherwise noted in Drawings.

All footings to be placed on native soils or properly compacted structural backfill, approved by Structural Engineer.

Cast-in-place concrete shall be made with type-I Portland cement, stone aggregate and shall develop to min. 3,500 psi at 28 days.

Core filled CMU's to be filled with concrete made with type-I Portland cement, stone aggregate and shall develop to a minimum 4,000 psi. at 28 days. Each core to be vibrated to remove all air pockets, care to be taken not to over-settle stone aggregate.

J-bolts to be installed in every fifth CMU core, max 48" apart, min. 12" from each corner/window/door edge.

All concrete work to be in accordance with governing Building Code.

All reinforcing shall be high strength deformed bars conforming to ASTM A815 Grade 50 except ties, stirrups, and plate anchors.

Welded wire fabric shall conform to ASTM A185 and shall be lapped one full mesh at side and end splices and wired together.

All locations where a pipe is installed through a stem wall or footing shall have a schedule 40 steel pipe sleeve one pipe size larger in diameter extending 12" beyond both sides of footer/wall. No extension required for water on interior side where pipe rises next to wall.

Piping shown schematically for clarity. Actual pipe routing to be coordinated in the field with all trades.

Footer drainage tile to drain to drywell.

All concrete work shall be in accordance with ACI 301, ACI 318, ACI 336, ATSM A184, ASTM A185 and the Design and Construction Specifications for Cast-in-place Concrete.

Reinforcing steel shall conform to ASTM A615, Grade 60, deformed unless noted otherwise. Welded wire fabric shall conform to ASTM A185 Welded Steel Fabric unless otherwise noted, welded wire hooks shall be standard, U.N.O.

All reinforcement to have min 3" clear of earth as located in concrete.

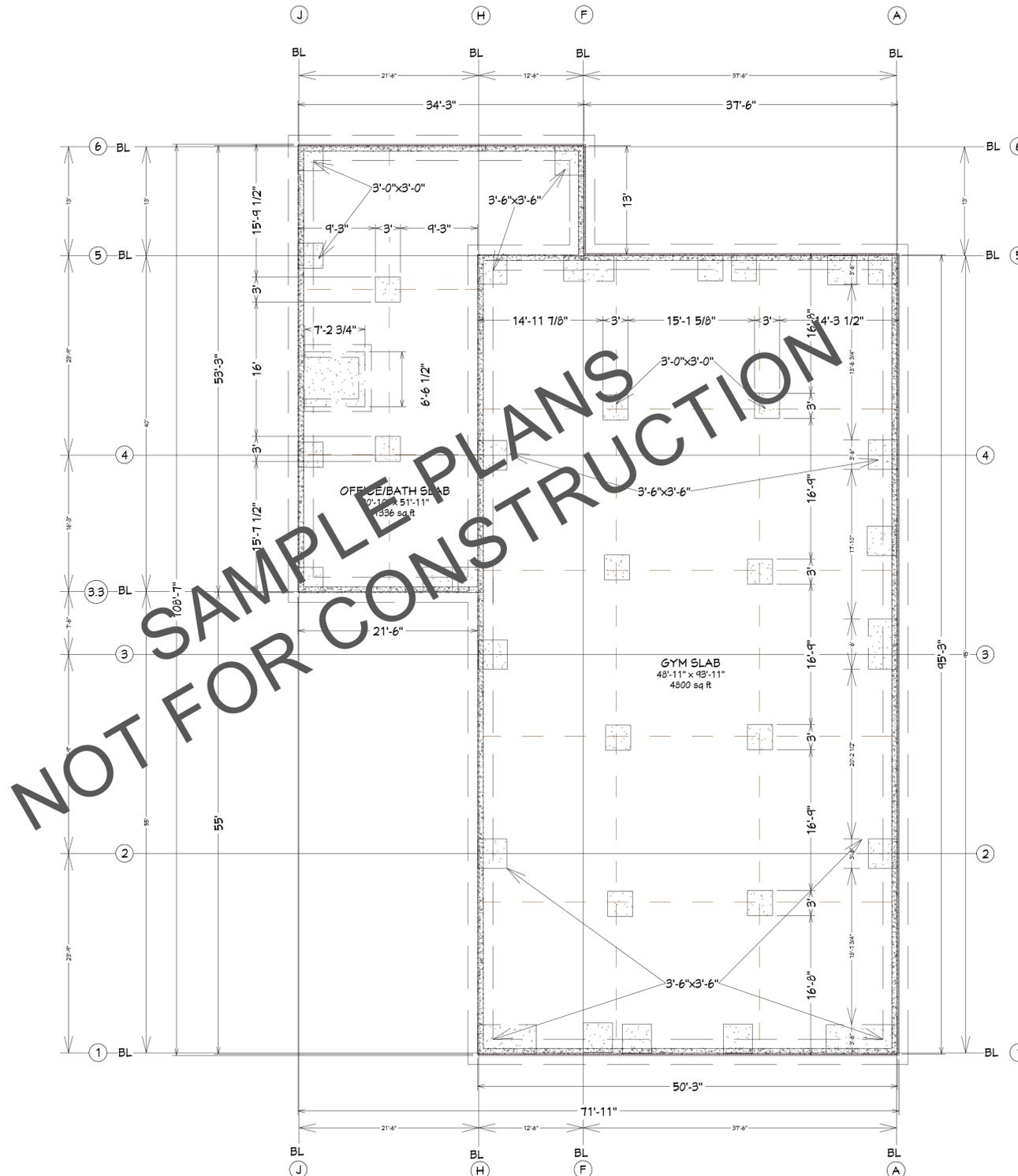
A chamfer 3/4" shall be provided at all exposed edges of concrete, U.N.O. In Accordance with ACI 301 Section 4.2.4

CONCRETE NOTES:

Concrete:	
Footers:	3,000 psi. @ 28 days
CMU Core Fill:	4,000 psi. @ 28 days
Concrete Slab:	4,000 psi. @ 28 days
Max Aggregate:	3/4"
Max Water-Cement Ratio:	0.55 for Foundations
Max Water-Cement Ratio:	0.45 for Slabs
Slump- Foundations:	3"-4"
Slump- Slabs:	5" Max.

Reinforcement:	
Footers:	4= #5 (5/8") cont. rebar
CMU Stem Wall:	#5 cont. rebar 24" OC
Slab:	Wire Mesh w. #3 48" OC
Anchor Bolts:	5/8"x12" Z-max anchor bolt, max 48" OC

All Slabs to be sloped to outside 1/8":1' away from structure.



Foundation Plan
Scale: 1/8"=1'



GreenLeaf Designs
Tulsa, OK
918-524-9721
Designer: CLF

GreenLeafArchitecture.com

**SAMPLE PLANS
STEEL BUILDING
NOT FOR CONSTRUCTION**

Stamp:

Revisions:

1. Not For Construction
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.

Print Scale:
24"x36"

Date:

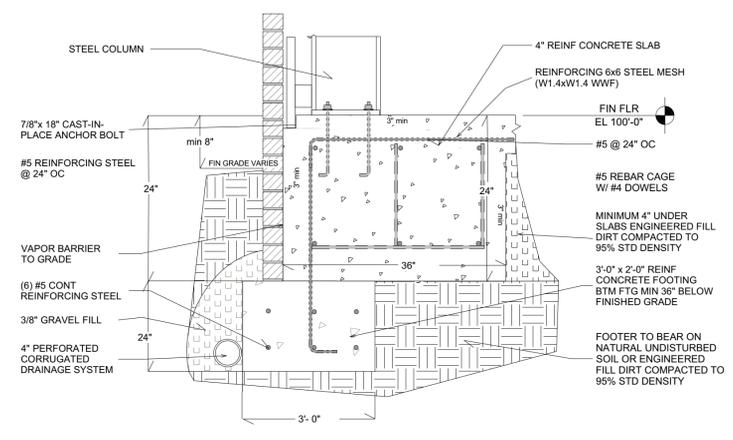
Title:
FOUNDATION
PLAN

Sheet#:
S.1

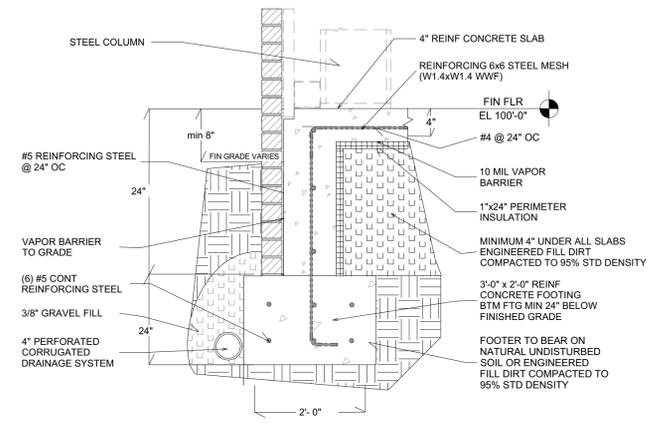


GreenLeaf Designs
Tulsa, OK
918-524-9721
Designer: CLF

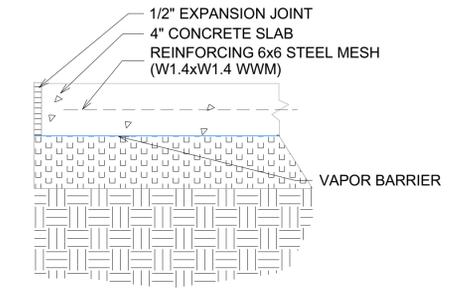
GreenLeafArchitecture.com



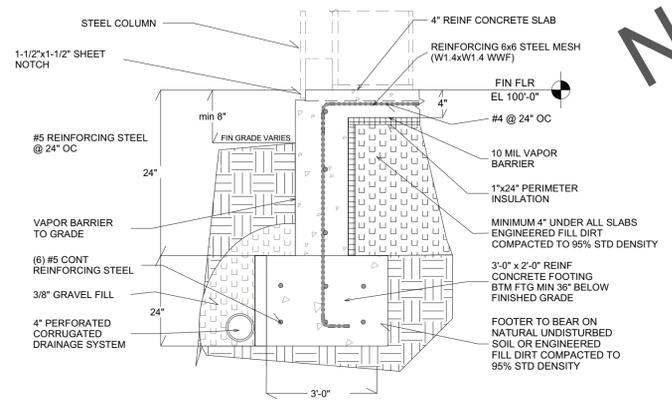
FD1 S.2 Foundation Stem Wall at Column Detail



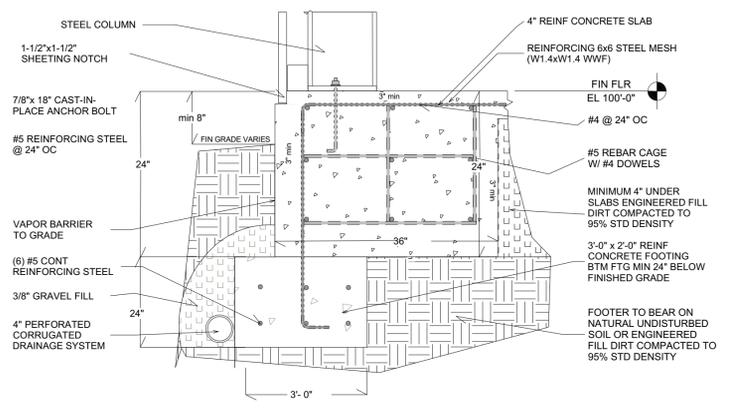
FD2 S.2 Foundation Stem Wall Detail



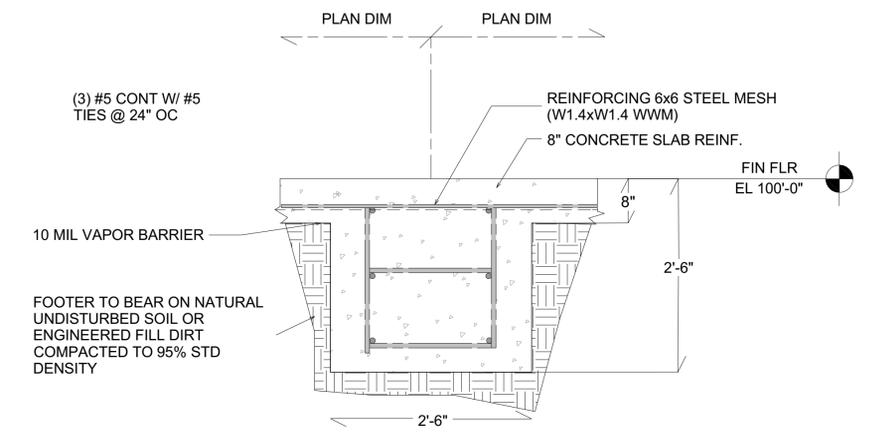
FD3 S.2 Sidewalk Slab Detail



FD4 S.2 Foundation Stem Wall Detail



FD5 S.2 Foundation Stem Wall at Column Detail



FD6 S.2 Interior Footing Detail

SAMPLE PLANS
NOT FOR CONSTRUCTION

SAMPLE PLANS
STEEL BUILDING
NOT FOR CONSTRUCTION

Stamp:

Revisions:

- 1. Not For Construction
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.

Print Scale:
24"x36"

Date:

Title:
FOUNDATION
DETAILS

Sheet#:

S.2



GreenLeaf Designs
Tulsa, OK
918-524-9721
Designer: CLF

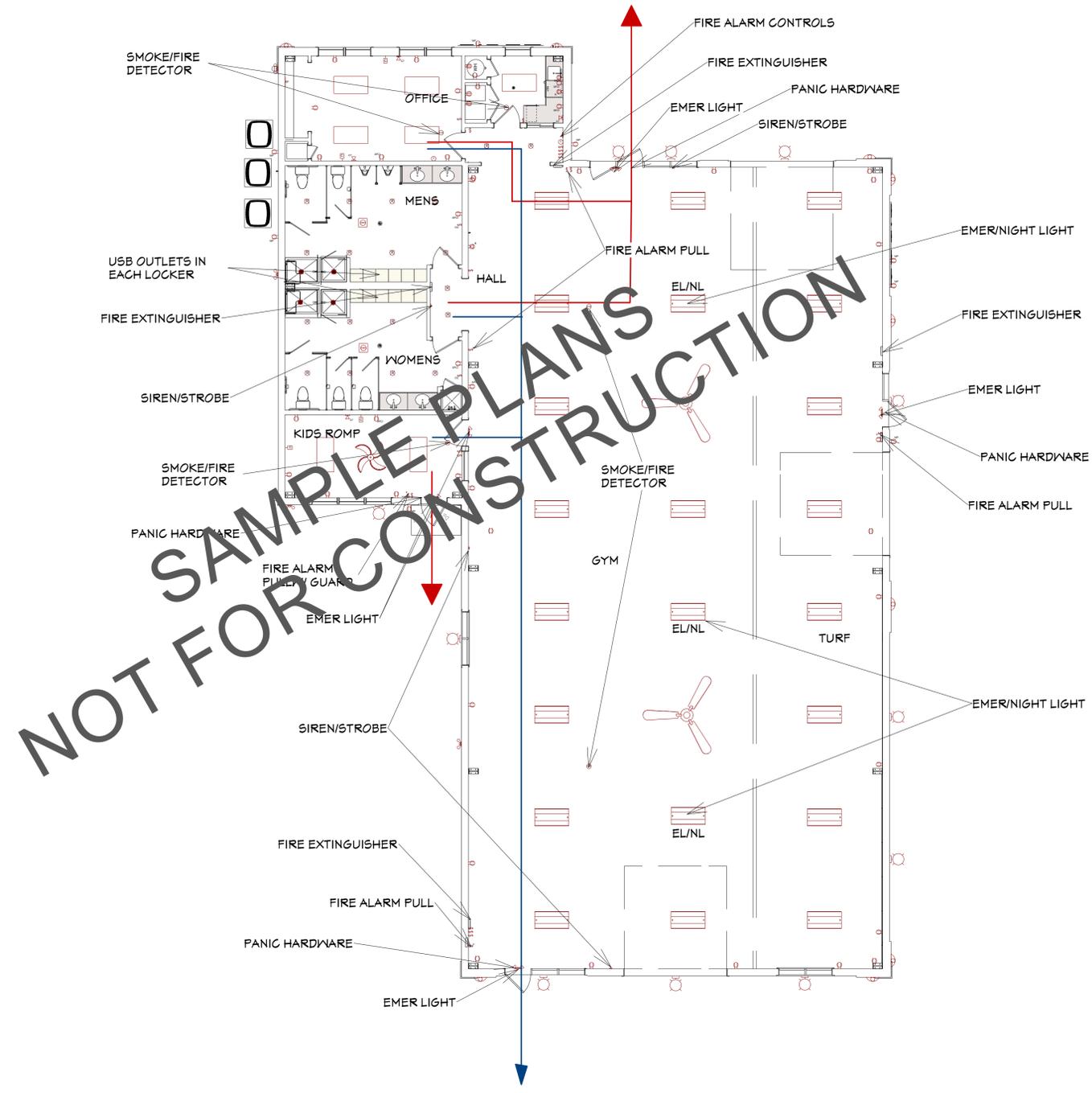
GreenLeafArchitecture.com

NOTE:
ALL PENETRATIONS THROUGH FIRE WALLS/CEILINGS
MUST BE SEALED WITH MINIMUM 1-HOUR FIRE
SEALANT OR 1-HOUR FIRE FOAM.

CORRIDOR FIRE WALLS TO EXTEND THROUGH
CEILING TO ROOF DECK. ALL GAPS AND VISIBLE
OPENING TO BE SEALED WITH MIN 1-HOUR FIRE
RATED SEALANT OR 1-HOUR FIRE RATED FOAM

SHEET NOTES:

- All Hallways to have minimum width of 48" as shown.
- Install new automatic fire alarm system.
- Install hardwired carbon monoxide and smoke detectors throughout. Smoke detectors to be connected to automatic fire alarm system.
- Install hardwired siren with flasher as shown in plans. Sirens to be connected to automatic fire alarm system.
- Install fire alarm wall pulls as required. Alarm pulls to be hardwired to automatic fire alarm system.
- Install hardwired illuminated directional exit signs with 90-min battery backup emergency lighting, as shown in plans. To be connected to automatic fire alarm system.
- Install fire extinguishers at locations shown in plans.



Fire Plan
Scale: 1/8"=1'

**SAMPLE PLANS
STEEL BUILDING
NOT FOR CONSTRUCTION**

Stamp:

Revisions:

1. Not For Construction
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.

Print Scale:

24"x36"

Date:

Title:

FIRE PLAN

Sheet#:

E.2