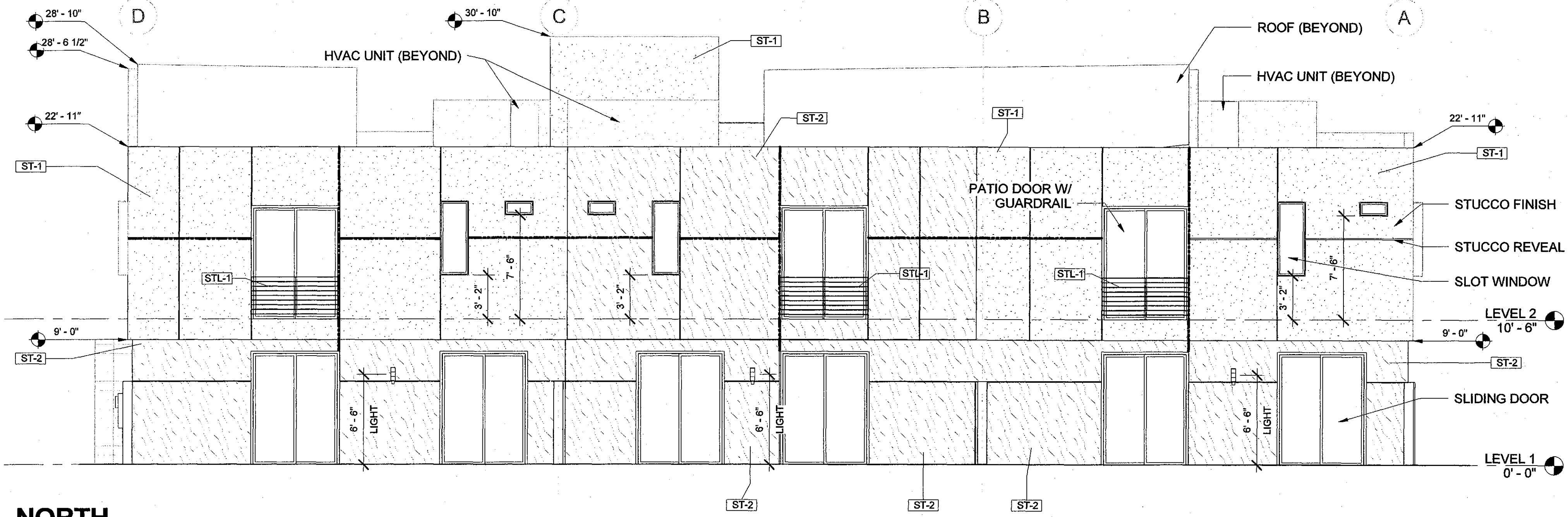
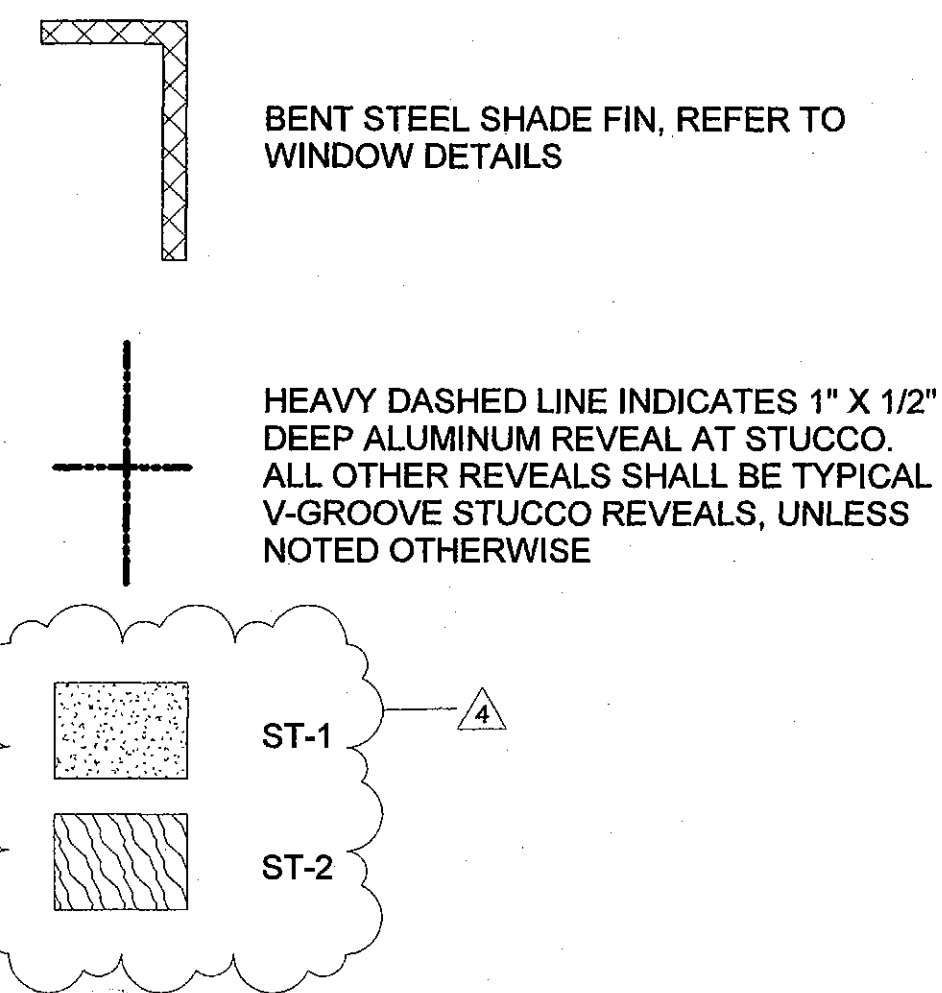
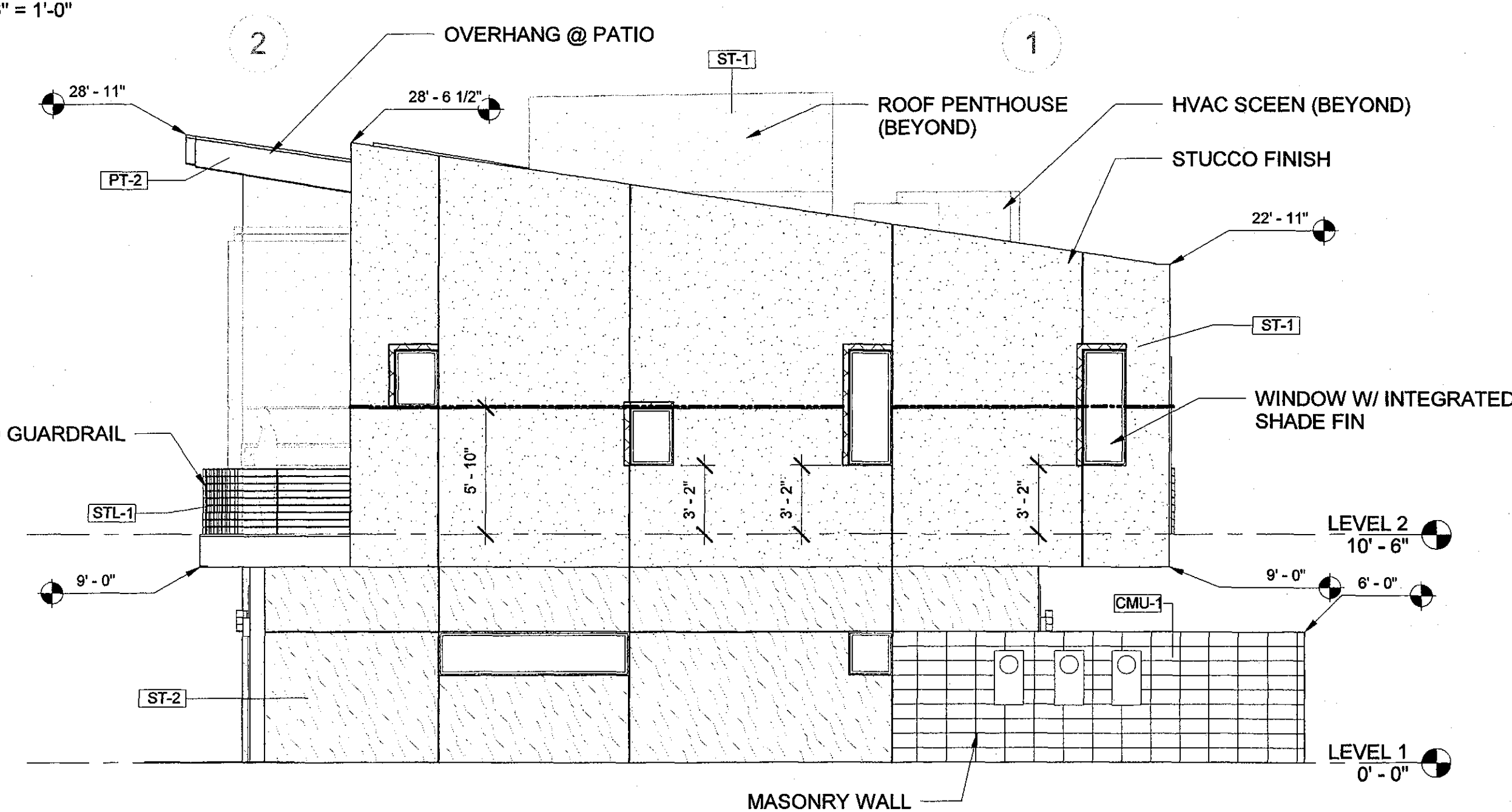


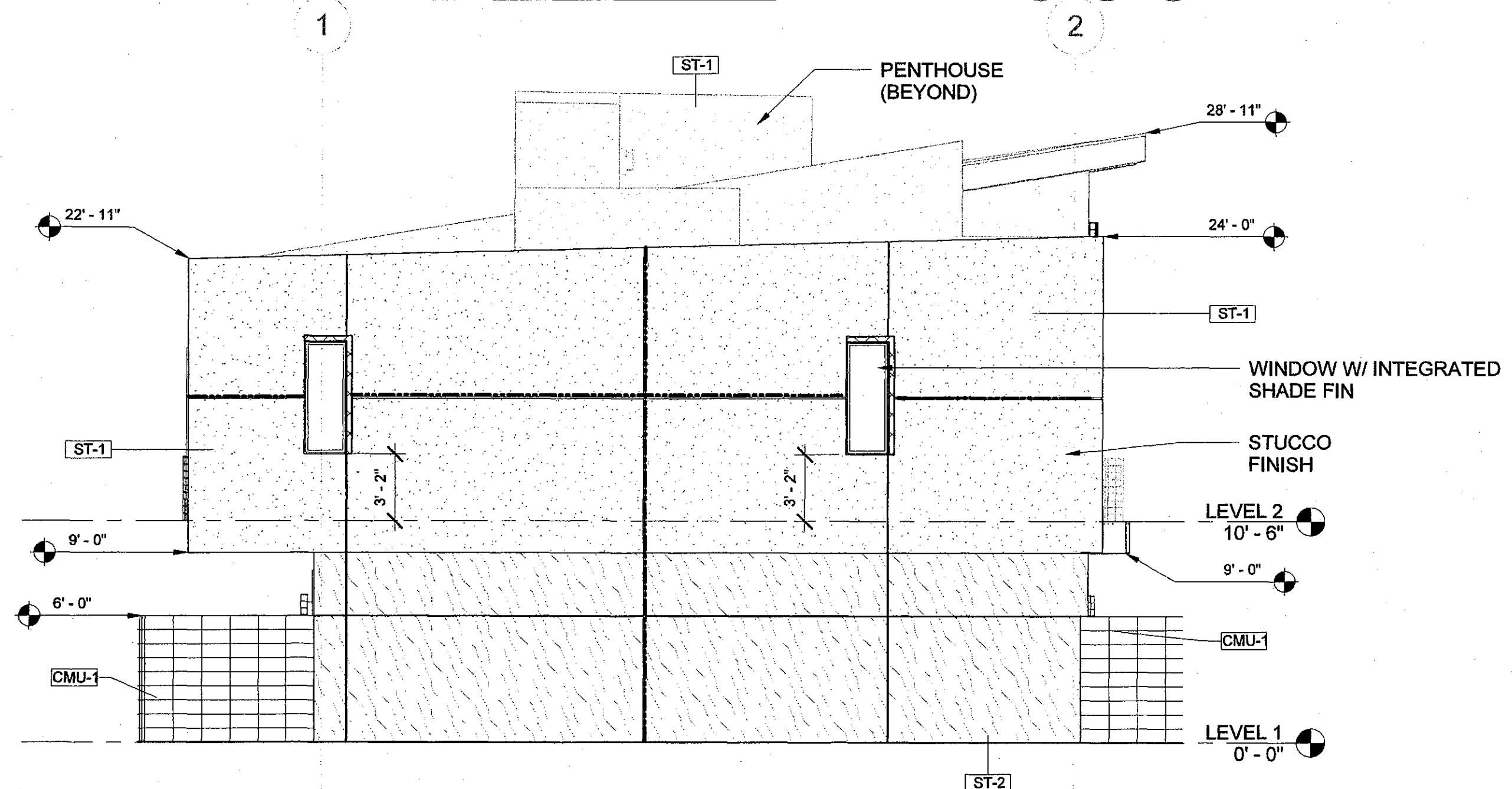
**ELEVATION LEGEND**



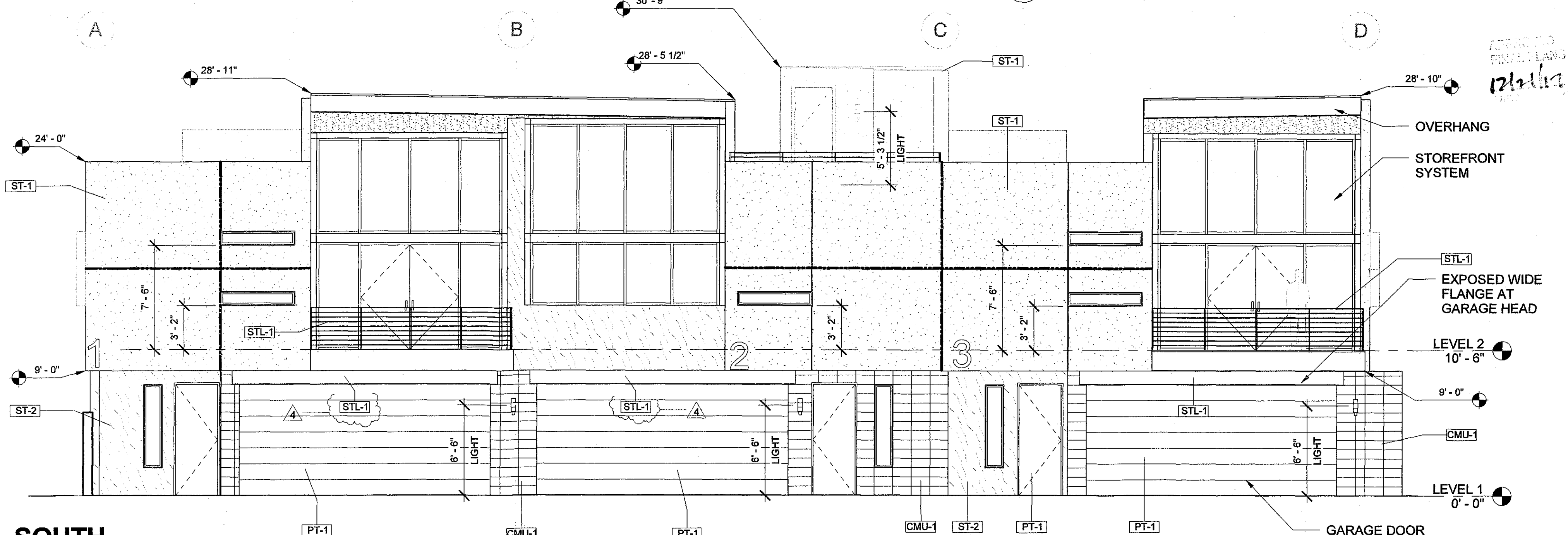
**1 BLDG A - NORTH**  
3/16" = 1'-0"



**2 BLDG A - EAST**  
3/16" = 1'-0"



**3 BLDG A - WEST**  
3/16" = 1'-0"



**4 BLDG A - SOUTH**  
3/16" = 1'-0"

**FINISH SCHEDULE**

- CMU-1 8X8X16, STACKED BOND, PAINT SHERWIN WILLIAMS GRIFFIN SW7026
- PT-1 SHERWIN WILLIAMS GRIFFIN SW7026
- PT-2 SHERWIN WILLIAMS SEALSKIN SW7675
- ST-1 SMOOTH STUCCO FINISH, SHERWIN WILLIAMS SW7632 MODERN GRAY
- ST-2 COARSE STUCCO FINISH, SHERWIN WILLIAMS SW9168 ELEPHANT EAR
- STL-1 RUSTED STEEL

**OWNER:**  
RENO DONATI - LNR HOLDINGS LLC

**ARCHITECT:**  
MICHAEL HAUER ARCHITECTURE, LLC  
37 W. WILLETTA ST.  
PHX, AZ 85003  
480.510.0810  
MHAUER2012@GMAIL.COM

**STRUCTURE:**  
ARIZONA STRUCTURAL GROUP  
706 E. BELL RD. SUITE 105  
PHOENIX, AZ 85022  
602.287.8720  
AZSTRUCGRP@COX.NET

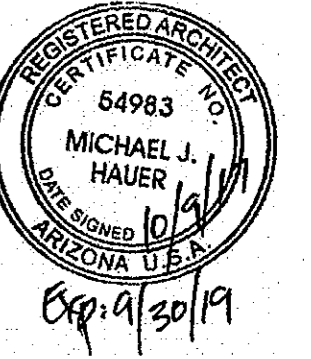
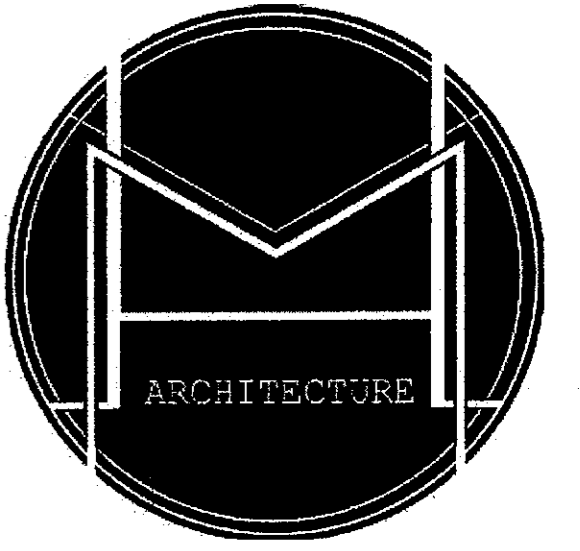
No.	Description	Date
3	CITY CORRECTIONS #1	07/25/2017
4	CITY CORRECTIONS #2	10/09/2017

**MUZE TOWNHOMES  
BLDG A - ELEVATIONS**

Project number	1502.00
Date	06/27/2017
Drawn by	MJH
Checked by	MJH

**A400**

Scale As indicated



**OWNER:**  
RENO DONATI - LNR HOLDINGS LLC

**ARCHITECT:**  
MICHAEL HAUER ARCHITECTURE, LLC  
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AZSTRUCGRP@COX.NET

No.	Description	Date
3	CITY CORRECTIONS #1	07/25/2017
4	CITY CORRECTIONS #2	10/09/2017

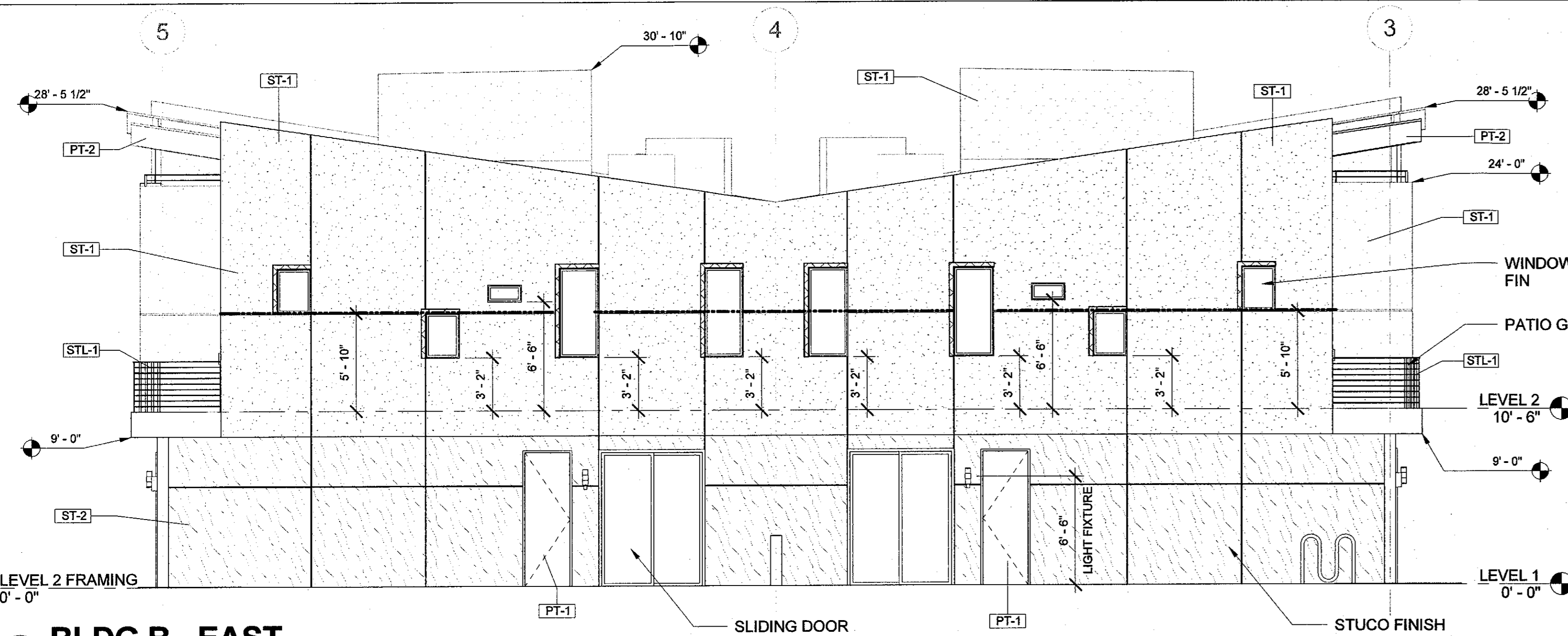
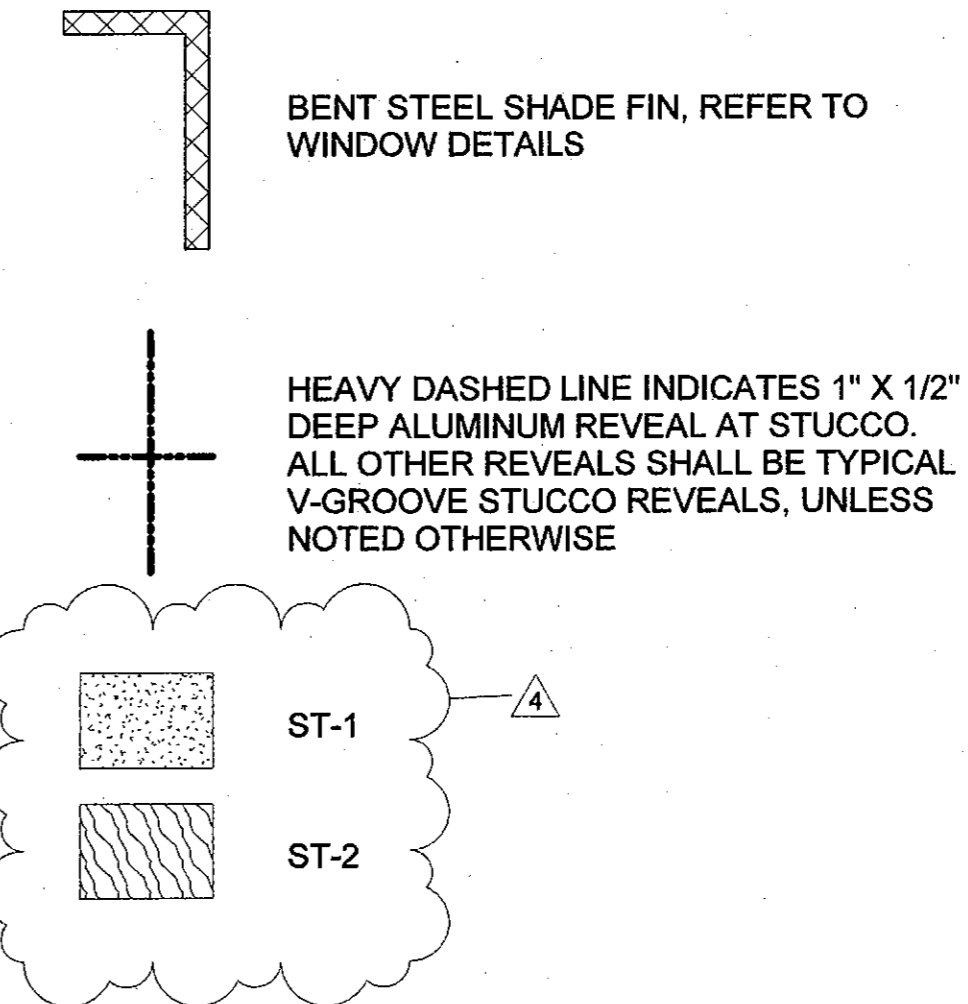
**MUZE TOWNHOMES  
BLDG B - ELEVATIONS**

Project number 1502.00  
Date 06/27/2017  
Drawn by MJH  
Checked by MJH

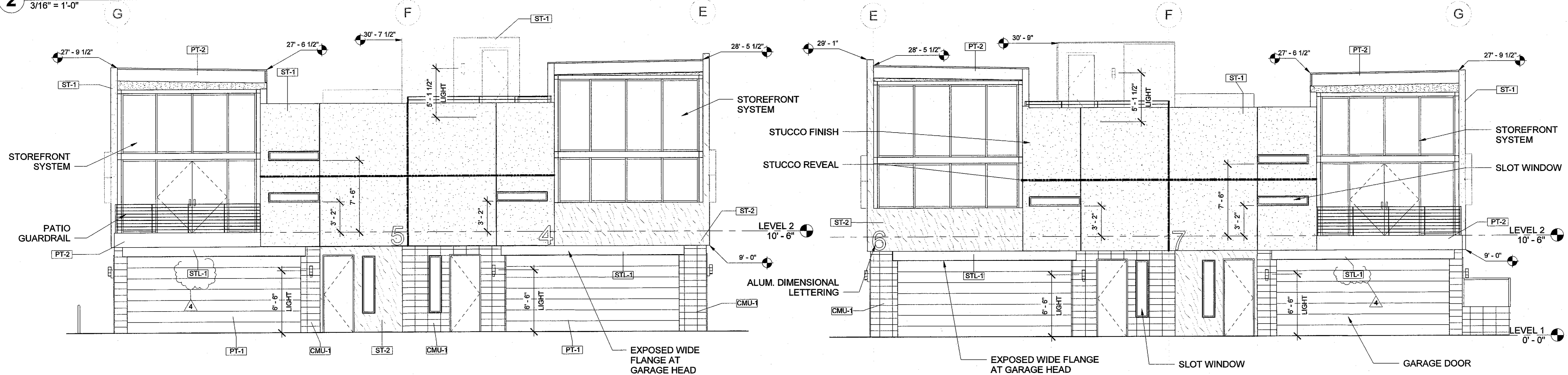
**A401**

Scale As indicated

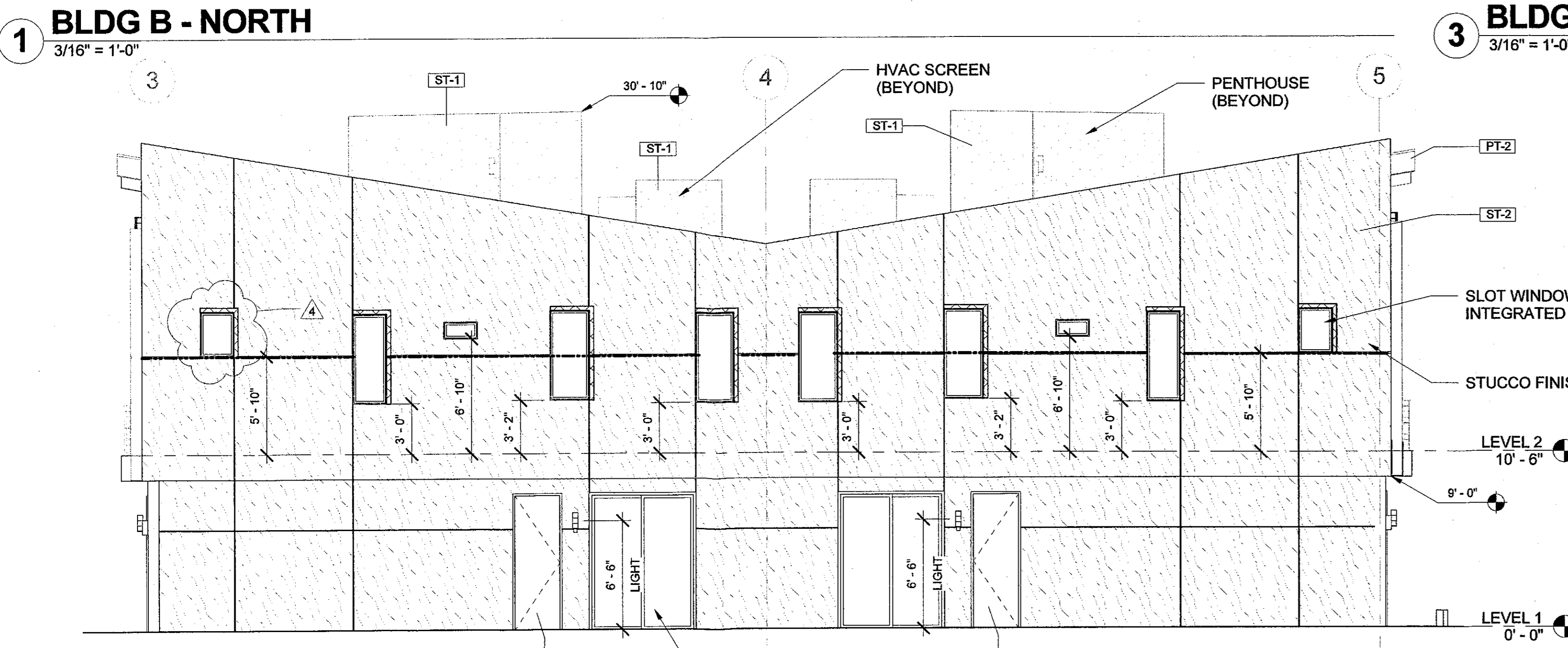
**ELEVATION LEGEND**



**2 BLDG B - EAST**  
3/16" = 1'-0"



**3 BLDG B - SOUTH**  
3/16" = 1'-0"



**4 BLDG B - WEST**  
3/16" = 1'-0"

**FINISH SCHEDULE**

- CMU-1 8X8X16, STACKED BOND, PAINT SHERWIN WILLIAMS GRIFFIN SW7026
- PT-1 SHERWIN WILLIAMS GRIFFIN SW7026
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- ST-2 COARSE STUCCO FINISH, SHERWIN WILLIAMS SW9168 ELEPHANT EAR
- STL-1 RUSTED STEEL

10/20/17 5:23:46 PM



# GENERAL NOTES

1. ALL DESIGN AND CONSTRUCTION WORK SHALL COMPLY WITH 2015 NEC AND EXTERIOR LIGHT CITY ORDINANCE #1023

Project No. MIS1720

Designed by: DG

Drawn by: AA

Checked By: DG

No.	REVISION	DATE
1	BY CITY	07/28/17
2	BY CITY	09/21/17
3	BY CITY	11/20/17

ENGINEERING SEAL:



EXPIRES 09/30/20



Gardel Engineering, LLC  
Mechanical & Electrical  
Engineering

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WWW.GARDELENGINEERING.COM  
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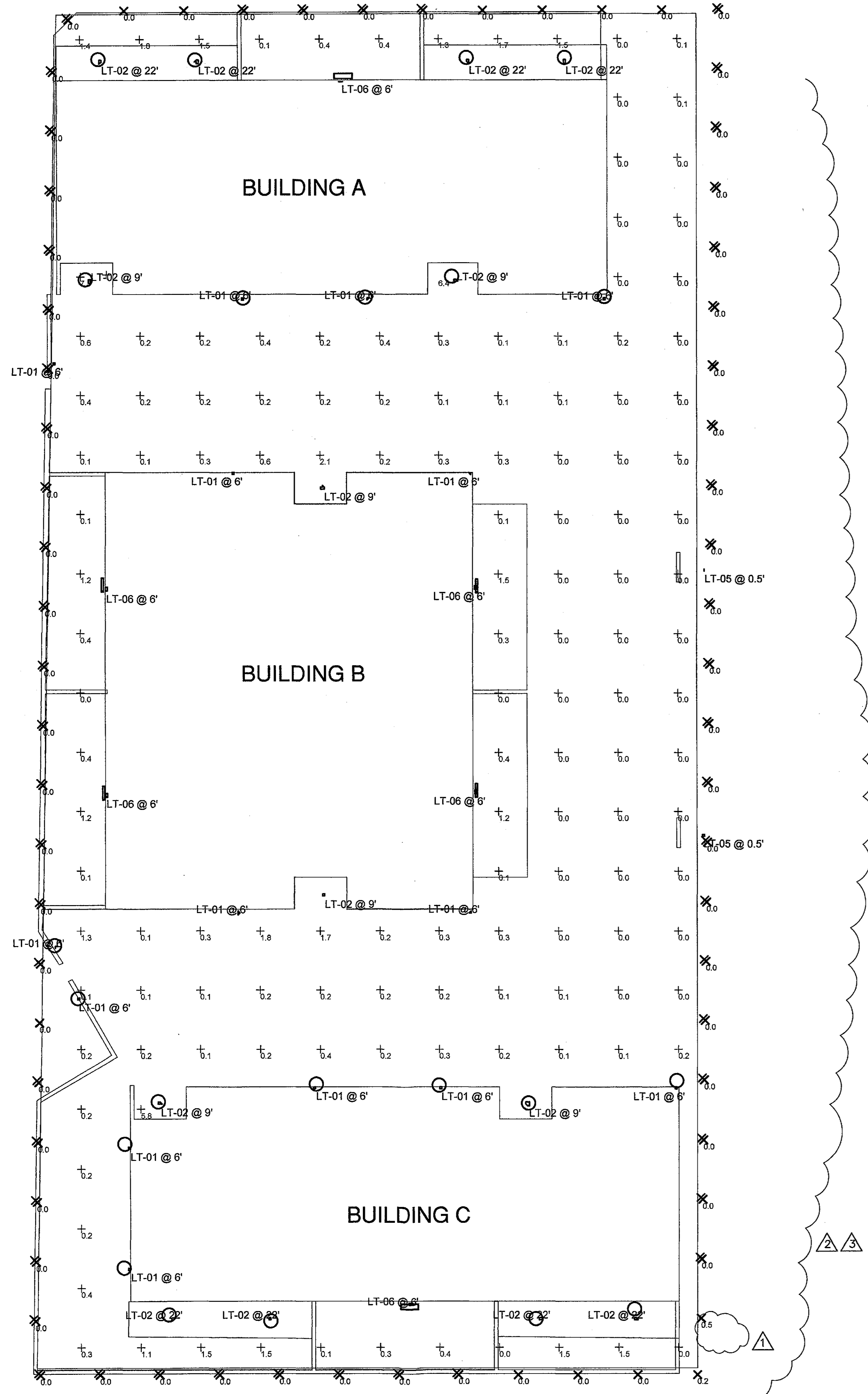
MUZE TOWNHOMES  
 NEW CONSTRUCTION  
 3106 N. 70TH STREET  
 SCOTTSDALE, ARIZONA 85251

PROJECT

Sheet #:

# E3

Sheet Title:  
EXTERIOR LIGHTING  
PHOTOMETRIC PLAN



PHOTOMETRIC SITE PLAN

SCALE: 3/32" = 1'-0"

## EXTERIOR LIGHTING FIXTURE SCHEDULE

2  
3

Symbol	Label	QTY	Manufacturer	Catalog Number	Description	Lamp	Filename	Lumens per Lamp	LLF	Wattage
○	LT-01	15	V2 LIGHTING GROUP	C2LS-D-VAV-07-83-35-40-(FINISH)	CORE 200 LX SCENCE, DOWNLIGHT ONLY	LED	CORE 200 700lm 80CRI 40deg IES	700	0.91	10
○	LT-02	14	Lithonia Lighting	LDN6 35/05 LOGAR LSS MVOLT E210	8IN LDN, 3500K, 500LM, 80CRI, CLEAR, SEMI-SPECULAR REFLECTOR	LED	LDN6_35_05_LOGAR_LSS.ies	629	0.91	7.57
○	LT-05	2	WAC LIGHTING	5022-30BZ	GROUND MOUNTED FLOOD	LED	77803.IES	231	0.91	10
▬	LT-06	6	BEGA	22 261 (FINISH)	LED SURFACE WALL WITH SHIELDED LIGHT	LED	22261.ies	382	0.91	6

3

Statistics						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
PL @ 6'	X	0.0 fc	0.5 fc	0.0 fc	N/A	N/A
SITE	+	1.1 fc	8.0 fc	0.1 fc	91.0:1	11.0:1

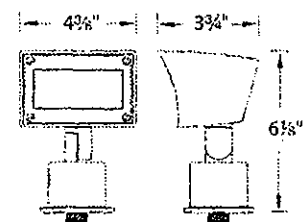
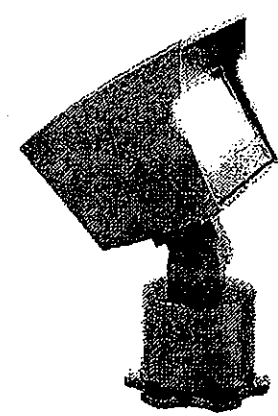
3

1 NO CHANGES ON THIS SHEET

LT-05

WALL WASH 120V 5022

WAC LANDSCAPE LIGHTING



ONLY TO ACCENT PLANT MATERIALS NOT WALLS

PRODUCT DESCRIPTION

Landscape Wall Wash Luminaire

FEATURES

- A uniform wide distribution wall wash from a small form factor
• Integral dimmer
• IP66 rated, protected against high-pressure water jets
• Solid die-cast brass or corrosion resistant aluminum
• Factory sealed water tight fixtures
• 6' lead wire and wire nuts included
• Maintains constant lumen output against voltage drop
• UL 1598 Listed
• Not suitable to use with external dimmers

ORDERING NUMBER

Table with columns for Color Temp, Finish, and part numbers like 5022, 5022-30.

Example: 5022-30BBR

Headquarters/Eastern Distribution Center, Central Distribution Center, Western Distribution Center

WAC Lighting retains the right to modify the design of our products at any time as part of the company's continuous improvement program.

WALL WASH 120V 5022

WAC LANDSCAPE LIGHTING

Power Stake, Tree Mount Junction Box, Surface Mount Flange/Stake



9000-RPT-BK, 5000-TCP-BZ, 5000-SCP-BZ, 5000-SCP-BBR

Optics, Extension Rods, Rod L-Coupler



LENS-2X4-AMB, LENS-2X4-RED, LENS-2X4-FR, 5000-X04-BZ, 5000-X08-BZ, 5000-X12-BZ, 5000-LCO-BZ

ALL FIXTURES AND ASSOC. HARDWARE FLAT BLACK OR DARK BRONZE STIP#7

Headquarters/Eastern Distribution Center, Central Distribution Center, Western Distribution Center

WAC Lighting retains the right to modify the design of our products at any time as part of the company's continuous improvement program.

LT-06

LED wall luminaires with directed light

Housing: One piece die-cast aluminum for direct attachment to 3 1/2" or 4" octagonal wiring box.

Enclosure: One piece die-cast aluminum cover frame secured by two (2) captive, stainless steel set screws.

Electrical: 4.2W LED luminaire, 5.8 total system watts, -30°C start temperature. Integral 120V through 277V electronic LED driver, 0-10V dimming.

Note: LEDs supplied with luminaire. Due to the dynamic nature of LED technology, LED luminaire data on this sheet is subject to change at the discretion of BEGA-US.

Finish: All BEGA standard finishes are polyester powder coat with minimum 3 mil thickness.

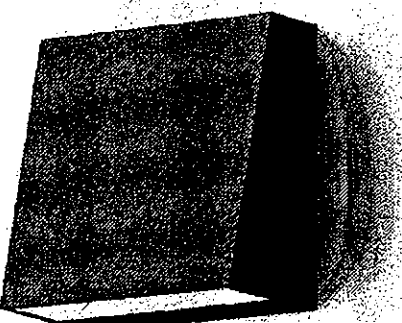
CSA certified to U.S. and Canadian standards, suitable for wet locations. Protection class IP64

Luminaire Lumens: 291

Tested in accordance with LM-79-08

Type: BEGA Product, Project, Voltage, Color, Options, Modified:

ALL FIXTURES AND ASSOC. HARDWARE FLAT BLACK OR DARK BRONZE STIP#7



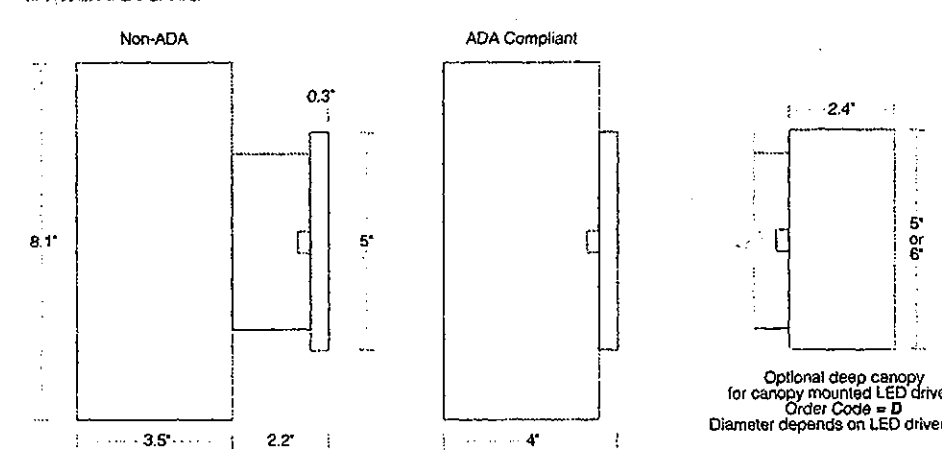
BEGA-US 1000 BEGA Way, Carpinteria, CA 90013 (805) 884-0583 FAX (805) 566-9474 www.bega-us.com

Copyright BEGA-US 2016 Updated 07/16



CORE 200 LX sconce

DIMENSIONS



All canopies fit standard 3.5" and 4" round and octagonal junction boxes

LED OPTIONS

Table with columns for Reflector Option, LED Specifications, Lumens, Wattage, Efficacy.

- LES: Light Emitting Surface diameter
• Source lumens - see photometrics on page 9 for LOR to calculate delivered lumens
• Higher lumen outputs are available in CORE / QUORE 300 and 400 series
• Maximum luminaire wattage including LED driver = LED wattage x 1.2

CONTROL OPTIONS

Table with columns for Standard LED Drivers, Optional LED Drivers, Order Code.

- All LED drivers must be mounted in a deep canopy or remote
• Standard LED drivers are suitable for Wet Location
• Optional LED drivers are suitable for Damp Location
• For EM applications, All LED drivers may be used with 3rd party inverter style systems

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v2LightingGroup.com 2



CORE 200 LX sconce

LT-01



CORE 200 LX sconce

PROJECT Job, Type, Part #, Notes

SPECIFICATIONS

Source: Xicato XTM LED module - up to 2000 lumens
C.C.T.: 2700K, 3000K, 3500K or 4000K
Color Consistency: 1x2 SDCM (MacAdam) along BBL, CCT +/- 40K to 70K, Duv +/- .001

Driver / Location: Included / Remote mount or deep canopy options
Dimming: 0-10V or phase dimming to 10% standard; DALI, DMX and 1% dimming available

Table for ORDERING LOGIC with columns for Driver, Mounting, Location, Output, CRI, C.C.T., Reflector, Shell Color, Options.

Example Part Number: C2L5-RND-13832749-53

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PHOTOMETRICS

LM-79-08 IES files available at www.v2LightingGroup.com/downloads

Table with columns for Beam Angle, Order Code, Intensity Plot, Polar Plot, Cone Diagram, Description.

Beam Shear Options

Add the order code shown below to the options box at the end of the part number:

Table with columns for Order Code, Description.

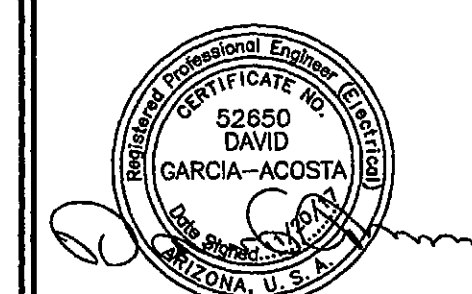
rev 151207 ©2015 v2 Lighting Group, Inc. Specifications subject to change without notice.

v2LightingGroup.com 3

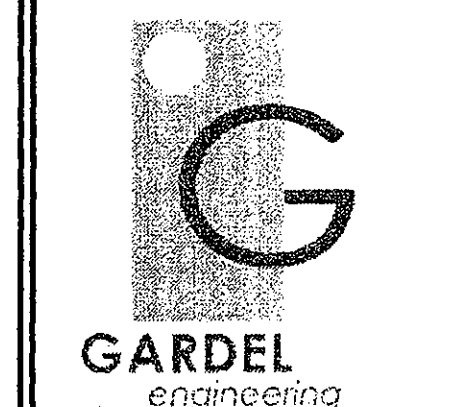
Designed by: DG, Drawn by: AA, Checked By: DG

Table with columns for No., REVISION, DATE.

ENGINEERING SEAL:



EXPIRES 09/30/20



Gardel Engineering, LLC Mechanical & Electrical Engineering, 441 S. 48th St. Suite 101

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MUZE TOWNHOMES, NEW CONSTRUCTION, 3106 N. 70TH STREET, SCOTTSDALE, ARIZONA 85251

PROJECT

Sheet #: E4, Sheet Title: EXTERIOR LIGHTS CUT SHEETS 1 / 2

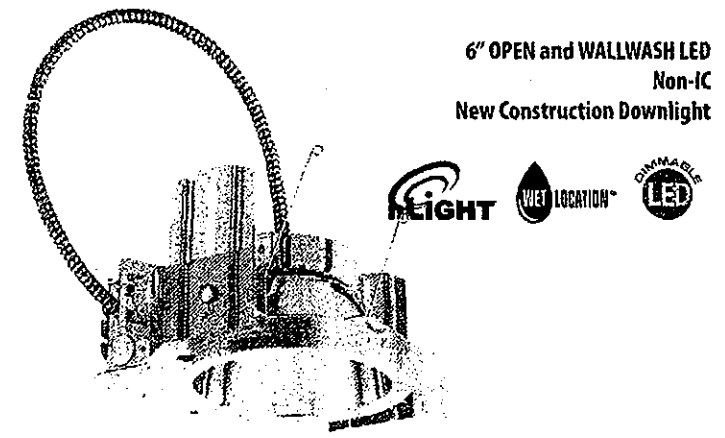
LT-02



LT-02  
 Catalog Number  
 Notes  
 Type

**FEATURES & SPECIFICATIONS**  
**INTENDED USE** — Typical applications include corridors, lobbies, conference rooms and private offices.  
**CONSTRUCTION** — Galvanized steel mounting/plaster frame, galvanized steel junction box with bottom-hinged access covers and spring latches. Reflectors are retained by torsion springs.  
 Vertically adjustable mounting brackets with commercial bar hangers provide 3-3/4" total adjustment. Two combinations 1/2" x 1/4" and four 1/8" x 1/8" holes for straight-through conduit run. Capacity: 8 H in, 4 out, No. 12 AWG conductors, rated for 90°C.  
 Accommodates 12" x 24" joint spacing.  
 Passive cooling thermal management for 25°C standard; high ambient (60°C) option available. Light engine and drivers are accessible from above or below ceiling.  
 Max ceiling thickness: 1-1/2".  
**OPTICS** — LEDs are bonded to a 3-step SDCM; 80 CR minimum.  
 LED light source concealed with diffusing optical lens.  
 General illumination lighting with 1.5 SMD and 55° beam to source and source image.  
 Self-flanged anodized reflectors in specular, semi-specular, or matte diffuse finishes. Also available in white and black painted reflectors.  
**ELECTRICAL** — Multi-volt (120-277V, 50/60Hz) dimmable 0-10V dimming drivers mounted to junction box. 10% to 70% minimum dimming level available.  
 0-10V dimming fixture requires two (2) additional low-voltage wires to be pulled.  
 70% lumen maintenance at 50,000 hours.  
**LISTINGS** — Certified to US and Canadian safety standards. Damp location standard (wet location, covered ceiling optional).  
**WARRANTY** — 5-year limited warranty. Complete warranty terms located at [www.lithonia.com](http://www.lithonia.com).  
 Actual performance may differ as a result of end-user environment and application.  
 All values are design or typical values, measured under laboratory conditions at 25°C.  
 Note: Specifications subject to change without notice.

**LDN6**



6" OPEN and WALLWASH LED  
 Non-IC  
 New Construction Downlight

**ORDERING INFORMATION** Lead times will vary depending on options selected. Consult with your sales representative. Example: LDN6 35/15 LOGAR MVOLT EZ10

Series	Color temperature	Lumen	Aperture/Trim Color	Finish	Voltage			
LDN6 6" Round	27K	2700K	85 500 lumens	25 2500 lumens	LOG Downlight	AR Clear	ESS Semi-specular	MVOLT Multi-volt
	35K	3500K	15 1500 lumens	40 4000 lumens	LDN6 Wallwash	WRF White	LD Matte diffuse	120 120V
	40K	4000K	20 2000 lumens	50 5000 lumens		BRF Black	LS Specular	277 277V
								347 347V

Drivers	Options	Notes
EZ10 dimmable 0-10V	SP Single fan	NFS02EER* night dimming pack controls 0-10V dimmable drivers. ER controls fixture on emergency circuit.
EZ10 dimmable 0-10V	TRP White painted flange	
	TRBL Black painted flange	
	ELR Battery pack (remote)	
	EL Battery pack	
	NFS02E* night dimming pack controls 0-10V dimmable drivers.	
		HMO High ambient option
		CP Chicago Flange
		WL Wet location
		RL Ready-to-install

Accessories/Order (S) requires catalog number:

EAC 555M 275	Compact Interchangeable-emergency AC power system
EAC 555M 125	Compact Interchangeable-emergency AC power system
GR66 12	Oversized trim ring with 6" outside diameter
SCA6	Sloped ceiling adapter. Refer to TECHNICAL for more options.

Notes:  
 1 Overall height varies based on lumen package; refer to dimensional chart on page 3.  
 2 Not available with finishes.  
 3 Not available with emergency options.  
 4 Must specify voltage (120V or 277V).  
 5 Available with clear (AR) reflector only.

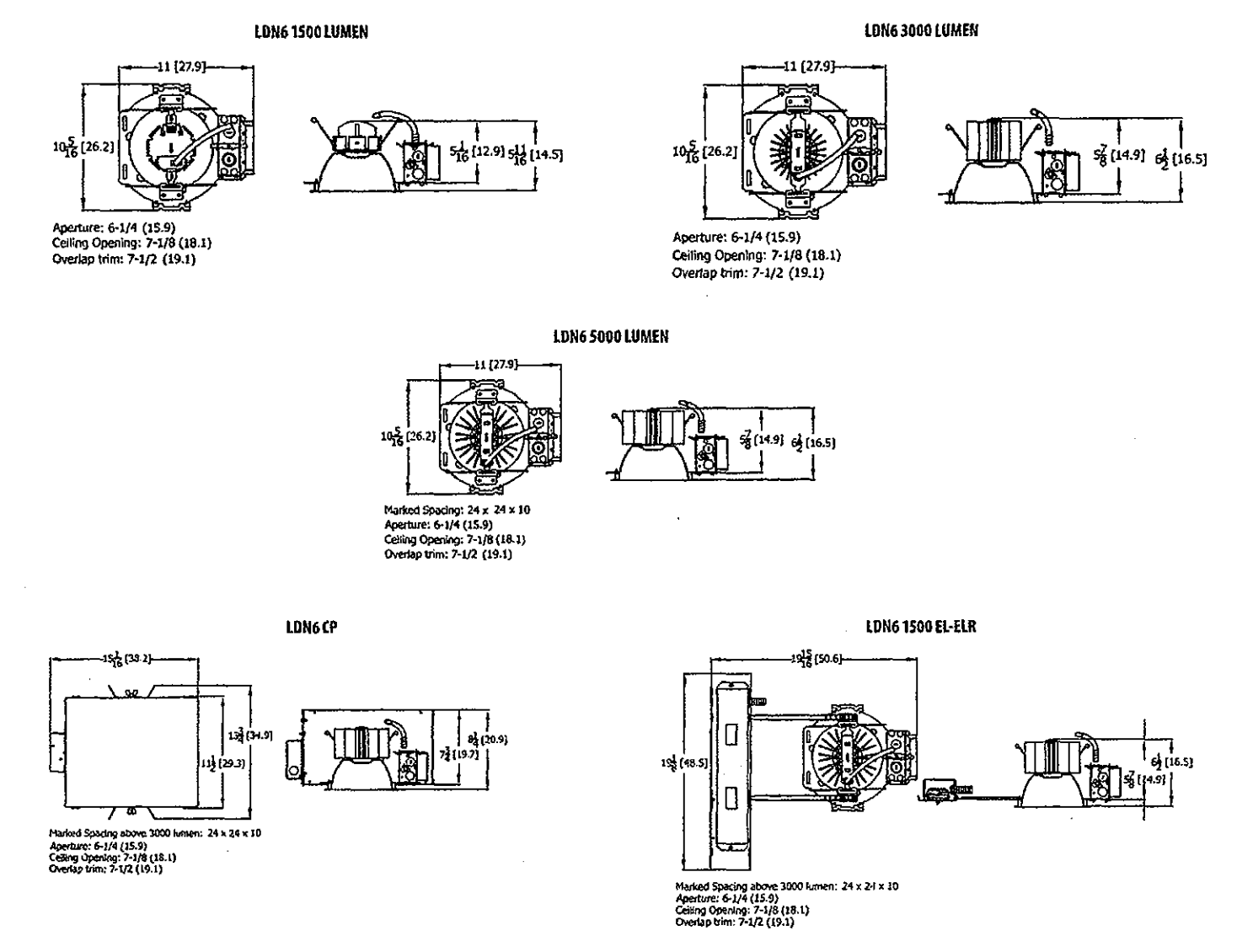
DOWNLIGHTING LDN6  
 © 2014-2016 Acuity Brands Lighting, Inc. All rights reserved. Rev. 06/07/16

**LDN6**

**PHOTOMETRY**  
 Consult Factory for Photometry.

**LDN6**

\*All dimensions are inches (parentheses) unless otherwise noted.



Notes:  
 • Tested in accordance with IESNA LM-79-03.  
 • Tested to current IES and IESNA standards under standardized laboratory conditions.  
 • CR: 80 typical.

LITHONIA LIGHTING  
 An Acuity Brands Company  
 DOWNLIGHTING: One Lithonia Way, Douglas, GA 30012 Phone: 800-315-4855 Fax: 770-860-3129 www.lithonia.com © 2014-2016 Acuity Brands Lighting, Inc. All rights reserved. Rev. 06/07/16

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 DOWNLIGHTING: One Lithonia Way, Douglas, GA 30012 Phone: 800-315-4855 Fax: 770-860-3129 www.lithonia.com © 2014-2016 Acuity Brands Lighting, Inc. All rights reserved. Rev. 06/07/16

**LDN6**

**ADDITIONAL DATA**

**COMPATIBLE 0-10V WALL-MOUNT DIMMERS**

MANUFACTURER	PART NO.	POWER BOOSTER AVAILABLE
Lutron	Bluc® DDTV	
	Clue® DDC1V	
	Blava™ DDTV	
	Blava™ DDTV	
Leviton	AMSAC-70W	CH100
	AMSAC-70W	FE300
Sprague	SD BC	
	SD LPCS	ADMP
Dimplex Lighting Controls	WPC5721	
	Tap Glider T600/FAM120 (120V)	
Entertainment Technology	Tap Glider T600/FAM120 (120V)	
	Tap Glider T600/FAM120 (120V)	
Honeywell	EL315A1000	EL315A1010 (optional)
	EL315A1000	
HAIN Dimming	Presets slider PS-010-1V and PS-010-3W	
	Presets slider PS-010-3W-1V and PS-010-3W-3W	
	Presets slider controls PS-010-PS-010-1V and PS-010-PS-010-3W	
	Presets slider controls PS-010-PS-010-3W-1V and PS-010-PS-010-3W-3W	
Leligh Electronic Products	SDIline	PHL
	PSM Electrical Products	WPC5721
Surbal Controls	TRC wall dimmer face part	RT100 DALI dimmer
	WestSinger®	ES-4 used with COP-101 and CO-103

**EL/ELS AVAILABILITY/COMPATIBILITY - INITIAL LUMENS**

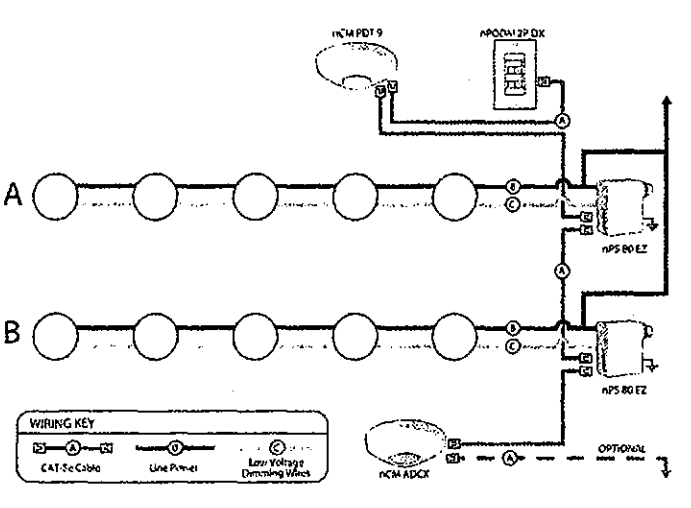
Lumen package	Watts	Initial lumens (EL/ELS)	Emergency (NEMA) lumens
600	12	500	PS1050
1500	30	375	PS1050
1500	20	640	PS1050
2000	35	650	PS1050

**LUMEN OUTPUT MULTIPLIERS - FINISH**

	Clear (AR)	White (WR)	Black (BR)
Specular (LS)	1.0	N/A	N/A
Semi-specular (LSS)	0.950	N/A	N/A
Matte diffuse (LD)	0.85	N/A	N/A
Painted	N/A	0.87	0.73

**LUMEN OUTPUT MULTIPLIERS - CCT**

	2700K	3000K	3500K	4000K
800lm	0.950	0.966	1.000	1.025



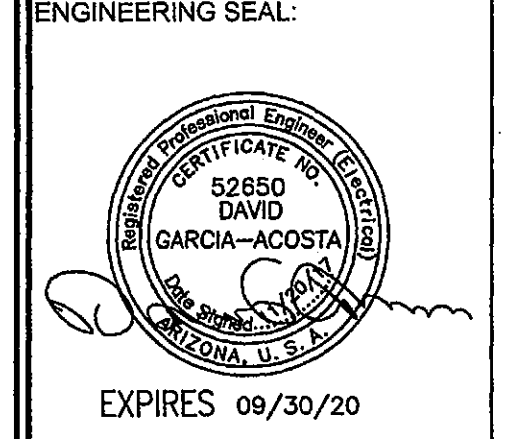
**Light Control Accessories**

Wall/Ped stations	Model number	Occupancy sensors	Model number
On/Off	nPDM (color)	Small motion 360°, ceiling (PR / dual tech)	nCM 9 / nCM PDT 9
On/Off & Raise/Lower	nPDM DX (color)	Large motion 360°, ceiling (PR / dual tech)	nCM 10 / nCM PDT 10
Graphic Touchscreen	nPOD GFx (color)	Wide view (PR / dual tech)	nMV 16 / nMV PDT 16
Photo cell controls	Model number	Wall Switch w/ Raise/Lower (PR / dual tech)	nWSX LV DX / nWSX PDT LV DX
Dimming	nCM ADCX	Can-5 cables (gimmis rated)	Model number
		10', CAT5 10FT	CATS 10FT I1
		15', CAT5 15FT	CATS 15FT I1

LITHONIA LIGHTING  
 An Acuity Brands Company  
 DOWNLIGHTING: One Lithonia Way, Douglas, GA 30012 Phone: 800-315-4855 Fax: 770-860-3129 www.lithonia.com © 2014-2016 Acuity Brands Lighting, Inc. All rights reserved. Rev. 06/07/16

Project No. MIS1720  
 Designed by: DG  
 Drawn by: AA  
 Checked By: DG

No.	REVISION	DATE
1	BY CITY	07/28/17
2	BY CITY	09/21/17
3	BY CITY	11/20/17



**GARDEL**  
 engineering

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 441 S. 48th St. Suite 101  
 TEMPE, AZ 85281  
 (480) 367-3667  
 M(480) 217-5853  
 WWW.GARDELENGINEERING.COM  
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PROJECT  
 MUZE TOWNHOMES  
 NEW CONSTRUCTION  
 3106 N. 70TH STREET  
 SCOTTSDALE, ARIZONA 85251

Sheet #:  
**E5**  
 Sheet Title:  
 EXTERIOR LIGHTS  
 CUT SHEETS 2/2

- 1 NO CHANGES ON THIS SHEET
- 2 NO CHANGES ON THIS SHEET
- 3 NO CHANGES ON THIS SHEET